Q. 22. Supply an exhibit showing an analysis, by functional accounts, of the charges by affiliates (Service Corporations, etc.) for services rendered included in the operating expenses of the filing company for the test year and for the 12-month period ended prior to the test year:

a. Supply a copy of contracts, if applicable.
b. Explain the nature of the services provided.
c. Explain basis on which charges are made.
d. If charges allocated, identify allocation factors used.
e. Supply the components and amounts comprising the expense in this account.
f. Provide details of initial source of charge and reason thereof.

A. 22. Pennsylvania Power & Light Company had no charges by affiliates for services rendered included in its operating expenses for the test year or for the twelve months ended prior to the test year.

Q. 23. Describe costs relative to leasing equipment, computer rentals, and office space, including term and conditions of the lease. State method for calculating monthly or annual payments.

A. 23. Attachment III-A-23 provides the costs, terms, and conditions of PP&L's major leasing agreements as of July 31, 1982.

The Company does not currently anticipate any major changes to leased equipment during the twelve months ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Cost Relative to Major Leasing Agreements

At July 31, 1982, the Company had major long-term lease agreements which require future minimum rentals as follows (millions of dollars): 1982, $16.4; 1983, $15.3; 1984, $13.3; 1985, $11.9; 1986, $10.7; 1987, $9.0; 1988 to expiration of the leases, $58.7. Minimum rental amounts exclude rent payments under the Nuclear Fuel Lease (see note (e)). The Company also leases other property under short-term agreements with rentals currently amounting to approximately $7.2 million annually. Generally, the Company's long-term leases contain renewal options and obligate the Company to pay maintenance, insurance and other related costs. The leases do not include restrictions on any of the Company's other financial activities.

The following summarizes the Company's major leasing agreements:

Equipment	Term	Annual Rental as of July 31, 1982	Method of Calculating Payment
Oil storage facilities			
Provident National Bank	9/23/77-9/23/97	$2,718,567	level quarterly payments
Combustion turbine blocks			
Girard Trust Bank	5/17/71-5/17/96	857,353	level semi-annual payments
Power Control Center and System Control and Data Acquisition Computers			
First National Bank of Boston	7/1/73-7/1/83	348,405	level quarterly payments
	7/1/73-7/1/83	219,990	level quarterly payments
	7/1/74-7/1/84	663,981	level quarterly payments
Fleet trains			
First National Bank of Boston	6/20/64-6/20/84	50,819(a)	(b)
Summit Leasing Company	7/28/68-7/28/88	143,013	level quarterly payments
Provident National Bank	6/15/71-6/15/91	191,670	level quarterly payments
	11/22/74-11/22/94	275,153	level quarterly payments
	7/8/75-7/8/95	400,735	level semi-annual payments
Wells Fargo Bank	1/2/73-1/2/93	161,851	level quarterly payments
Bank of New York	7/7/76-7/7/96	309,166	level semi-annual payments
First National Bank of Boston	6/30/78-6/30/98	384,127(a)	(c)
Construction cranes			
First National State Bank of N.J.	5/14/75-5/14/83	68,413	level quarterly payments
Computer equipment			
Lease Financing Corporation	12/10/78-12/10/84	39,893	level quarterly payments
	5/1/79-5/1/85	51,797	level quarterly payments
First Security Bank of Utah	8/1/79-8/1/86	780,780	level monthly payments
Mellon Bank, N.A.	4/1/82-12/31/88	861,733	level monthly payments
General equipment leases			
Pru Lease Inc.	open-end lease	10,108,651(a)	(d)
First National Bank of Boston	open-end lease	13,295(a)	(d)
BLC Corporation	open-end lease	709,377(a)	(d)
Nuclear fuel lease			
Pennsylvania Power & Light Energy Trust	2/19/82-1/31/2022	(e)	(e)

(a) Actual rental for twelve months ended July 31, 1982
(b) Monthly payments, level reduction of principal with constant interest rate
(c) Quarterly payments, fixed amortization schedule with variable interest rate
(d) Monthly payments, level reduction of principal with variable interest rate
(e) Quarterly payments will commence after fuel burn begins at Unit No. 1 of the Susquehanna SES in amounts equal to the cost of fuel burned plus financing charges at a variable interest rate.

Q. 24. Submit detailed calculations (or best estimates) of the cost resulting from major storm damage.

A. 24. PP&L incurred no major storm related expenses to its electric facilities during the test year ended July 31, 1982, and none is reflected in the estimate for the year ending July 31, 1983.

Q. 25. Submit details of expenditures for advertising (National and Institutional and Local media). Provide a schedule of advertising expense by major media categories for the test year and the prior two comparable years with respect to:

a. Public health and safety
b. Conservation of energy
c. Explanation of billing practices, rates, etc.
d. Provision of factual and objective data programs in educational institutions.
e. Other advertising programs
f. Total advertising expense

A. 25. Attachment III-A-25 provides advertising expense by major media categories for the test year and the prior two comparable years.

Pennsylvania Power & Light Company
Advertising Expense
Year Ended July 31, 1980

	Newspaper	Radio & TV	Display	Bill Inserts	Industry Programs	Production	Total Advertising Expense
Acct. 593 Public Health & Safety	$ 1,079	$	$	$	$	$	$ 1,079
Acct. 905 Collection Agencies	1,071						1,071
Acct. 909 Conservation of Energy	98,001	73,871	13,180	19,784	6,753	5,806	217,395
Acct. 910 Billing Practices, Rates, etc.				31,330			31,330
Acct. 913 Area Development - Natl.	29,192					612	29,804
Acct. 928 Rate Filing	5,430	1,778		7,252		140	14,600
Acct. 930 Other	5,133	6,015		56,540	146,012	293	213,993
Memorandum Record Total -- 1980	$139,906	$81,664	$13,180	$114,906	$152,765	$ 6,851	$509,272
Not included above							144,997
Total							$654,269

Pennsylvania Power & Light Company
Advertising Expense
Year Ended July 31, 1981

	Newspaper	Radio & TV	Display	Bill Inserts	Industry Programs	Production	Total Advertising Expense
Acct. 593 Public Health & Safety	$ 905	$	$	$	$	$	$ 905
Acct. 905 Collection Agencies	1,741						1,741
Acct. 909 Conservation of Energy	48,561		20,100	33,393	7,802	313	110,169
Acct. 910 Billing Practices, Rates, etc.				38,375			38,375
Acct. 913 Area Development - Natl.	54,458					948	55,406
Acct. 928 Rate Filing	334	90		14,118			14,542
Acct. 930 Other	12,663	15,960		25,541	161,631	717	216,512
Memorandum Record Total -- 1981	$118,662	$16,050	$20,100	$111,427	$169,433	$ 1,978	$437,650
Not included above							89,779
Total							$527,429

Pennsylvania Power & Light Company
Advertising Expense
Year Ended July 31, 1982

	Newspaper	Radio & TV	Display	Bill Inserts	Industry Programs	Production	Total Advertising Expense
Acct. 593 Public Health & Safety	$ 241	$	$	$	$	$	$ 241
Acct. 905 Collection Agencies	1,710						1,710
Acct. 909 Conservation of Energy	19,015		34,594		3,411		57,020
Acct. 910 Billing Practices, Rates, etc.				46,867			46,867
Acct. 913 Area Development - Natl.	48,887					227	49,114
Acct. 928 Rate Filing				11,576			11,576
Acct. 930 Other	7,649	5,266		39,735	157,240	477	210,367
Memorandum Record Total -- 1982	$77,502	$5,266	$34,594	$98,178	$160,651	$704	$376,895
Not included above							96,415
Total							$473,310

Pennsylvania Power & Light Company
Advertising Expense
Year Ended July 31, 1983

	Newspaper	Radio & TV	Display	Bill Inserts	Industry Programs	Production	Total Advertising Expense
Acct. 593 Public Health & Safety	$ 9,000	$ 1,500	$	$	$	$	$ 10,500
Acct. 905 Collection Agencies	5,000						5,000
Acct. 909 Conservation of Energy	81,764		88,159	55,533			225,456
Acct. 910 Billing Practices, Rates, etc.	35,000	30,000		41,833		2,500	109,333
Acct. 913 Area Development - Natl.	58,400					1,400	59,800
Acct. 928 Rate Filing							
Acct. 930 Other	130,766	10,000		40,000	174,181	4,350	359,297
Memorandum Record Total -- 1983	$319,930	$41,500	$88,159	$137,366	$174,181	$8,250	$769,386
Not included above							23,614
Total							$793,000

Q. 26. Provide a list of reports, data or statements requested by and submitted to the Commission during and subsequent to the test year.

A. 26. Attachment III-A-26 provides the requested list of reports, data and statements for the period August 1, 1980 through July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Reports, Data or Statements Requested by and Submitted to the Pennsylvania Public Utility Commission

The following information has been submitted to the Commission on a routine basis or by specific Commission request:

1. Changes to Tariff Electric Pa. P.U.C. No. 198

   a. Issued August 28, 1981 - Supplement No. 84 - Filed for reduction of allowed service length, increase in C&D charges and 10.6% increase. Rejected by Commission Order and refiled with Supplement No. 90.

   b. Issued September 16, 1981 - Supplement No. 85 - Suspends operation of Rule 2H, Effective Insulation Requirements.

   c. Issued September 30, 1981 - Supplement No. 86 - Add specific terms to conclude collection under the Fuel Expense Rider.

   d. Issued October 16, 1981 - Supplement No. 87 - Suspends Supplement No. 84.

   e. Issued October 22, 1981 - Supplement No. 88 - Reduces Tax Adjustment Surcharge rate from 8.05% to 7.01%.

   f. Issued December 4, 1981 - Supplement No. 89 - Eliminates demand charge but retains demand credit under Rate RS.

   g. Issued December 23, 1981 - Supplement No. 90 - Refiling of Supplement No. 84 for reduced rate increase per P.U.C. Order. Decreases Tax Adjustment Surcharge rate from 7.01% to 6.97%.

   h. Issued March 11, 1982 - Supplement No. 91 - Provides roll-in of 7.028 mills/KWH to base rates decreasing Energy Cost Rate by 6.887 mills/KWH. Decreases Tax Adjustment Surcharge rate from 6.97% to 6.33%.

   i. Issued March 11, 1982 - Supplement No. 92 - New rate SE for unmetered, energy only service for street lights owned by municipalities.

   j. Issued March 31, 1982 - Supplement No. 93 - Increases Tax Adjustment Surcharge rate from 6.33% to 6.75%.

   k. Issued May 14, 1982 - Supplement No. 94 - Suspends Rule 2H, Effective Insulation Requirements, pending court decision.

   l. Issued July 19, 1982 - Supplement No. 95 - Transfers all of Tariff No. 198 except Rule 2H to new Tariff No. 199.

m. Issued August 23, 1982 - Supplement No. 96 - Modifies definition of factor Fc of Energy Cost Rate per P.U.C. Order.

n. Issued July 19, 1982 - Original Tariff 199 - Cancels and supersedes contents of Tariff 198 except Rule 2H.

2. Changes to Tariff Steam Pa. P.U.C. No. 8

a. Issued November 17, 1981 - Supplement No. 48 - General increase of 13.1% in two steps.

b. Issued March 4, 1982 - Supplement No. 49 - Suspends increase filed under Supplement No. 48.

c. Issued March 18, 1982 - Supplement No. 50 - Refiles Supplement No. 48, General Increase per P.U.C. Order. Tax Adjustment Surcharge rate decreased from 0.44% to 0.21%.

3. Steam Fuel Adjustment Clause filings

a. August 25, 1981 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in September 1981.

b. September 22, 1981 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in October 1981.

c. October 22, 1981 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in November 1981.

d. November 24, 1981 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause Revised - Data Month December 1981.

e. December 21, 1981 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in January 1982.

f. January 25, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in February 1982.

g. February 25, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in March 1982.

h. March 23, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in April 1982.

i. April 23, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in May 1982.

j. May 24, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in June 1982.

k. June 23, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in July 1982.

l. July 26, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in August 1982.

m. August 24, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in September 1982.

n. September 23, 1982 - Tariff Steam Pa. P.U.C. No. 8 Steam Fuel Adjustment Clause applicable in October 1982.

4. Fuel Adjustment/Energy Clause/ECR - Over/Under Collection Reports

a. November 30, 1981 - Report, pursuant to Pa. P.U.C. Section 1307(e), showing the application of the Energy Clause and Energy Cost Rate Charges made in accordance with PP&L Tariff Electric Pa. P.U.C. No. 198 for the twelve months ending October 31, 1981.

b. July 28, 1982 - Report, pursuant to Pa. P.U.C. Section 1307(e), showing the application of fuel adjustment charges made in accordance with PP&L Tariff Steam Pa. P.U.C. No. 8 for the twelve months ending June 30, 1982.

c. September 3, 1982 - Revised report, pursuant to Pa. P.U.C. Section 1307(e), showing the application of fuel adjustment charges made in accordance with PP&L Tariff Steam Pa. P.U.C. No. 8 for the twelve months ending June 30, 1982.

5. Delinquencies and Termination Reports - Section 55.5 and 56.231 of Title 52

a.	August 17, 1981	Report for July 1981
b.	September 15, 1981	Report for August 1981
c.	October 16, 1981	Report for September 1981
d.	November 16, 1981	Report for October 1981
e.	December 15, 1981	Report for November 1981
f.	January 18, 1982	Report for December 1981
g.	February 16, 1982	Report for January 1982
h.	March 16, 1982	Report for February 1982
i.	April 16, 1982	Report for March 1982
j.	May 17, 1982	Report for April 1982
k.	June 15, 1982	Report for May 1982
l.	July 16, 1982	Report for June 1982
m.	August 16, 1982	Report for July 1982
n.	September 16, 1982	Report for August 1982

6. Annual Reports

a. August 31, 1981 - Revised Emergency Load Control Procedures on file with the Pa. P.U.C.

b. December 8, 1981 - Report of PP&L's experience in implementing Tariff Supplement No. 72, Insulation and Master Metering.

c. February 1, 1982 - Calculation of Allowance for Funds Used During Construction Rate to be Used for Year 1982.

d. February 12, 1982 - Allowance for Funds Used During Construction Summary of Year 1981.

e. February 26, 1982 - Annual Report to the Pa. P.U.C. of URD Costs under Order ID 99 for 1981.

f. March 12, 1982 - Assessment Report Form GA-O-81 Statement of Operating Revenues for Calendar Year 1981 - Electric and Steam Heat

g. April 28, 1982 - Annual Report to the Pennsylvania Public Utility Commission File 210-P.

h. April 30, 1982 - Annual Conservation Report for the Year 1981.

i. June 7, 1982 - Revised Emergency Load Control Procedures on file with the Pa. P.U.C.

j. August 6, 1982 - Revised Calculation of Allowance for Funds Used During Construction Rate to be Used for the Period July 1, 1982 Through December 31, 1982.

7. Quarterly Reports

a. Quarterly Financial and Statistical Data Including Research and Development Expenditures

(1) October 28, 1981 - for the quarter ended September 30, 1981

(2) February 1, 1982 - for the quarter ended December 31, 1981

(3) March 5, 1982 - financial data for the quarters ended March 1981, June 1981 and September 1981 restated to reflect retroactive application of a change in accounting for unbilled revenues.

(4) April 29, 1982 - for the quarter ended March 31, 1982

(5) July 30, 1982 - for the quarter ended June 30, 1982

8. Reports Required By Securities Certificates

a. Issuance of Common Stock and Issuance Expenses Under Dividend Reinvestment Plan - Securities Certificate No. 80124630

(1) September 28, 1981 - August and September 1981

(2) November 25, 1981 - October and November 1981

(3) January 29, 1982 - December 1981 and January 1982

(4) March 29, 1982 - February 1982

(5) April 16, 1982 - March 1982

(6) May 19, 1982 - April 1982

(7) June 15, 1982 - May 1982

b. Issuance of Common Stock and Issuance Expenses Under Dividend Reinvestment Plan - Securities Certificate No. S-824783

(1) July 26, 1982 - June 1982

(2) August 20, 1982 - July 1982

(3) September 17, 1982 - August 1982

c. Issuance of Promissory Notes Under Securities Certificate No. S-79104487

(1) October 29, 1981 - for the quarter ended September 30, 1981

(2) January 18, 1982 - for the quarter ended December 31, 1981

(3) April 29, 1982 - for the quarter ended March 31, 1982

(4) July 16, 1982 - for the quarter ended June 30, 1982

d. Guarantees of Additional Obligations of Rochester & Pittsburgh Coal Company Under Securities Certificate No. S-77124351

(1) October 19, 1981 - as of September 30, 1981

(2) January 29, 1982 - as of December 31, 1981

(3) April 19, 1982 - as of March 31, 1982

(4) July 30, 1982 - as of June 30, 1982

e. Amounts Borrowed Under $400,000,000 Revolving Credit Agreement - Securities Certificate No. S-80064572

(1) October 30, 1981 - as of September 30, 1981.

(2) January 18, 1982 - as of December 31, 1981

(3) April 29, 1982 - as of March 31, 1982

(4) July 16, 1982 - as of June 30, 1982

f. Amounts Borrowed Under $100,000,000 Revolving Credit Agreement - Securities Certificate No. S-814685

(1) October 30, 1981 - as of September 30, 1981

(2) January 18, 1982 - as of December 31, 1981

(3) April 29, 1982 - as of March 31, 1982

(4) July 16, 1982 - as of June 30, 1982

g. Issuance of Common Stock and Issuance Expenses Under Employee Stock Ownership Plan - Securities Certificate No. S-814686

(1) November 13, 1981 - September 1981

(2) January 18, 1982 - November and December 1981

(3) March 15, 1982 - January and February 1982

(4) April 15, 1982 - March 1982

(5) May 19, 1982 - April 1982

(6) June 15, 1982 - May 1982

(7) July 13, 1982 - June 1982

(8) August 20, 1982 - July 1982

(9) September 17, 1982 - August 1982

h. October 27, 1981 - Issuance of Common Stock and Issuance Expenses Under Securities Certificate No. S-814690

i. December 14, 1981 - Issuance of First Mortgage Bonds and Issuance Expenses Under Securities Certificate No. S-814705

j. February 16, 1982 - Issuance of Preference Stock and Issuance Expenses Under Securities Certificate No. S-814747

k. March 29, 1982 - Guaranteed Obligations of Subsidiary Coal Companies Under Securities Certificate No. 3999-1974

l. April 14, 1982 - Effective Date of Loan Agreement and Expenses Under Securities Certificate No. S-814756

m. April 14, 1982 - Effective Date of Energy Trust Formation and Expenses Under Securities Certificate No. S-814757

n. June 15, 1982 - Issuance of First Mortgage Bonds and Issuance Expenses Under Securities Certificate No. S-814691

o. July 26, 1982 - Issuance of Common Stock and Issuance Expenses Under Securities Certificate No. S-824782

p. July 26, 1982 - Supplemental Statement of Expenses Under Securities Certificates No. S-814756 and No. S-814757

q. September 17, 1982 - Issuance of Secured Term Notes and Issuance Expenses Under Securities Certificate No. S-824805

r. Guarantees of Obligations in Connection with the Montour Greenhouse Under Securities Certificate No. S-80114620

(1) January 20, 1982 - as of December 31, 1981

(2) July 26, 1982 - as of June 30, 1982

9. Miscellaneous

a. October 31, 1981 - Application of Pennsylvania Power & Light Company for Permission to File a Tariff Supplement on Less Than Statutory Notice, relative to change in the RS Rate Schedule to limit demand provision to a three year experimental period.

b. November 2, 1981 - 1982 Tentative Energy Cost Rate Filing and Proposed Tariff Changes.

c. December 1, 1981 - 1982 Final Energy Cost Rate Filing.

d. March 10, 1982 - Tariff Supplement No. 91 to Electric Pa. P.U.C. No. 198 Issued March 11, 1982 to Become Effective April 1, 1982.

e. March 31, 1982 - Preliminary Investigation of Need for Power Factors Clause.

f. April 30, 1982 - Annual Transmission Line Report.

g. June 29, 1982 - Preliminary Report - Analysis of Customer Billing KW Demands - Present Fifteen Minute Method vs. Five Minute Sliding Window Method.

In addition to the foregoing, PP&L also advises the Commission of the following events when they occur:

a. Any decision to issue a public request for reduction in use of electricity.

b. Any action to reduce firm customer loads by reduction of voltage for reasons of maintaining adequacy of bulk electric power supply.

c. Any action to reduce firm customer loads by manual switching, operation of automatic load-shedding devices, or any other means for reasons of maintaining adequacy of bulk electric supply.

d. Any bulk supply outage or accident to system facilities of consequence on a regional or national basis or constituting an unusual hazard to the bulk electric power supply system.

e. Any loss in service for 15 minutes or more of bulk electric power supply to aggregate loads in excess of 200 mw.

f. Any loss in service for 15 minutes or more of bulk electric power supply to aggregate loads exceeding 100 mw and not reportable under the Major Disturbance/Outage/Incident Criteria.

g. Tornados, hurricanes, ice, wind and T&L storms and flooding affecting either the distribution or transmission system which cause the loss of service to aggregate loads in excess of 100 mw for 15 minutes or more.

h. The loss of a major bulk power system transformer.

i. Loss for an extended period of a major generating unit.

j. Generating units that are ordered out of service by the NRC or any other federal or state government agency.

k. All unscheduled service interruptions resulting from a single incident which interrupts 2500 or more customers for 6 or more projected consecutive hours.

Q. 27. Prepare a detailed schedule for the test year showing types of social and service organization memberships paid for by the Company and the cost thereof.

A. 27. Attachment III-A-27 provides the requested information for the twelve months ended July 31, 1982 and July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Social and Service Organization Memberships

The table below lists the service organization memberships charged to operating expense which (1) were paid by PP&L during the twelve months ended July 31, 1982 and (2) are anticipated to be paid by PP&L during the twelve months ending July 31, 1983. PP&L makes no payments for social organization memberships.

	12 Months Ended July 31, 1982	1983 (Projected)
Service Club Memberships		
Boy Scouts	$ 15	$ -
Jaycees Club	90	158
Kiwanis Club	1,435	1,984
Lions Club	839	2,001
Rotary Club	2,686	3,854
YMCA	100	-

Q. 28. Submit a schedule showing, by major components, the expenditures associated with Outside Services Employed, Regulatory Commission Expenses and Miscellaneous General Expenses, for the test year and prior two comparable years.

A. 28. See Attachment III-A-28. Pages 1 through 4 provide the requested data for the twelve months ended July 31, 1982, July 31, 1981 and July 31, 1980. Pages 5 through 7 provide the requested data for the twelve months ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Outside Services Employed - Account 923

	Twelve Months Ended July 31, 1980	1981	1982
Financial, Accounting and Pension Plan Services	$ 810,469	$ 779,996	$ 781,366
Management Consulting and Personnel Related Services	661,978	649,173	757,062
Engineering, Architectural and Other Technical Services	200,270	351,919	97,612
Fuel Supply and Acquisition Consulting Services	255,356	82,358	49,690
Economic, Conservation, Demand and Energy Use Consulting Services	498,454	550,216	608,297
Computer Services	43,207	24,245	64,736
Legal Services	1,176,160	1,222,429	1,035,477
Miscellaneous	55,535	52,099	85,137
	$3,701,429	$3,712,435	$3,479,377

PENNSYLVANIA POWER & LIGHT COMPANY

Regulatory Commission Expenses - Account 928

	Twelve Months Ended July 31		
	1980	1981	1982
Filing fee for Federal Energy Regulatory Commission for FERC 203(a) filing of restated Interconnection Agreement between PP&L and Pennsylvania Electric Company dated November 20, 1978. FERC Docket No. ER 79-599.	$ 600		
Costs relating to the filing with the Federal Energy Regulatory Commission of a modified Fuel Adjustment Clause in compliance with FPC Order No. 517 issued November 13, 1974. FERC Docket No. ER 76-398.	15,734	$ 850	
Costs relating to the filing with the Pennsylvania Public Utility Commission of a proposed increase in electric rates on April 29, 1980. PPUC Docket No. R-80031114.	45,605	154,145	
Costs relating to the filing with the Federal Energy Regulatory Commission of a proposed increase in certain electric resale tariffs on March 31, 1981. FERC Docket No. ER 81-392.		55,966	$ 10,155
Costs relating to the filing with the Pennsylvania Public Utility Commission of a proposed increase in electric rates on August 28, 1981. PPUC Docket No. 811636.		160	111,478
Costs relating to the filing with the Federal Energy Regulatory Commission of a proposed increase in certain electric resale tariffs on May 3, 1982. FERC Docket Nos. ER 82-493 and ER 82-494.			29,974

PENNSYLVANIA POWER & LIGHT COMPANY

Regulatory Commission Expenses - Account 928

	Twelve Months Ended July 31		
	1980	1981	1982
Costs relating to the filing with the Pennsylvania Public Utility Commission of a proposed increase in electric rates in November, 1982.			$ 6,364
Costs relating to Energy Cost Rate litigation proceeding before the Pennsylvania Public Utility Commission. PPUC Docket No. M-810294.			1,776
Other	$ 290	$ 318	(43)
	$ 62,229	$211,439	$159,704

PENNSYLVANIA POWER & LIGHT COMPANY

Miscellaneous General Expenses - Account 930.2

	Twelve Months Ended July 31, 1980	1981	1982
Nuclear power research & development expenses	$ 75,028	$ 46,339	$ 38,600
Publishing and distributing information and reports to stockholders; trustee, registrar, and transfer agent fees and expenses, and other expenses of servicing outstanding securities	1,586,098	1,732,872	2,172,423
Association dues for Company memberships	407,530	493,090	445,128
Commitment fees for maintaining bank lines of credit	1,256,684	(1,256,684) (A)	-
General research and development	3,332,872	3,678,980	4,461,589
Directors' fees	101,233	136,125	131,542
Directors' expenses	12,831	32,851	18,141
Expenditures related to promoting economic growth, development and education	511,763 (B)	(16,162) (B)	180,311
Studies and general research related to energy conservation and efficient electric service	41,047	63,822	85,755
Contributions to organizations providing vital fire protection and ambulance service for the safety of employees and protection of Company facilities	8,123	5,437	6,060
Miscellaneous	12,571	14,654	15,826
	$7,345,780	$4,931,324	$7,555,375

(A) Reflect adjustments to reclassify commitment fees in accordance with regulatory commission actions.

(B) Expenditures of $151,952 incurred in February 1980 were credited to Account 930.2 in December 1980 and transferred to other accounts.

PENNSYLVANIA POWER & LIGHT COMPANY

Outside Services Employed - Account 923

(Thousands of Dollars)

	12 Months Ending July 31, 1983
Financial, Accounting and Pension Plan Services	$ 877
Management Consulting and Personnel Related Services	1,064
Engineering, Architectural and Other Technical Services	329
Fuel Supply and Acquisition Consulting Services	360
Economic, Conservation, Demand and Energy Use Consulting Services	237
Computer Services	9
Legal Services	1,410
Miscellaneous	52
	$4,338

PENNSYLVANIA POWER & LIGHT COMPANY

Regulatory Commission Expenses - Account 928

(Thousands of Dollars)

	12 Months Ending July 31, 1983
Employee Expenses	$ 46
Printing & Office Supplies	7
Services	424
Miscellaneous	55
	$532

PENNSYLVANIA POWER & LIGHT COMPANY

Miscellaneous General Expenses - Account 930.2

(Thousands of Dollars)

	12 Months Ending July 31, 1983
Publishing and distributing information and reports to stockholders; trustee, registrar, and transfer agent fees and expenses, and other expenses of servicing outstanding securities	$2,299
Association dues for Company memberships	643
Research and Development	4,921
Directors' fees and expenses	195
Miscellaneous	337
	$8,395

Q. 29. Submit details of information covering research and development expenditures, including major projects within the Company and forecasted Company programs.

A. 29. Attachment III-A-29 describes PP&L's research and development program. Pages 1 through 7 detail the expenditures related to this program for the year ended July 31, 1982. Expenditures for the 12 months ending July 31, 1983 are summarized on page 8. Pages 9 through 15 describe the nature and objectives of the Company's research and development program.

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
A. Electric Utility R&D Performed Internally		
1. Generation		
a. Hydroelectric		$ None
b. Fossil-fuel steam		None
(1) Other - 2 items less than $5,000 each	506	2,741
c. Internal combustion or gas turbine		None
d. Nuclear		None
e. Unconventional generation		
(1) Evaluate performance of a 45 KW wind turbine generator, including its interface compatibility with an integrated power system	930	35,504
f. Siting and heat rejection		
(1) Brunner Island Aquaculture project designed to use heated discharge water to increase the growth rate and yield of edible fish	506 514	89,485 39,141
(2) Assess energy flows and environmental conditions within greenhouses at Montour generating station to improve future greenhouse installation	506	13,526
(3) Other - 1 item less than $5,000	506	3,536
2. System Planning, Engineering and Operation		
a. Develop a prototype model of a Sigma 3 CPU Emulator to increase capability of SCADA computer systems	930	14,615
b. Other - 1 item less than $5,000	107	533

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
A. Electric Utility R&D Performed Internally (Continued)		
3. Transmission		
a. Overhead		
(1) Evaluate and test digital current transducers	566	$ 17,547
(2) Develop a dual-fuel thermoelectric generator to power a fiber-optic repeater located along transmission lines	566	5,243
(3) Install, test and evaluate fibral cable on 500 KV and 230 KV transmission tower mock-up	107	43,949
(4) Other - 4 items less than $5,000	566 107	1,633 1,186
b. Underground		None
4. Distribution		
a. Develop new standard designs for distribution substations	107	11,623
b. Develop new 66-12 KV distribution substation design	107	7,025
c. Investigate protective relaying methods associated with covered conductors (XLP) on 12 KV distribution lines	588 580	45,635 3,770
d. Research mechanical property improvements of polymer concrete for electrical application and develop 69 KV post insulators for field test and evaluation	588 580	18,207 96

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
A. Electric Utility R&D Performed Internally (Continued)		
e. Investigate the use of digital techniques in substation control and protection	588	$ 93,443
f. Other - 3 items less than $5,000 each	588	2,793
	580	531
5. Environment (other than equipment)		
a. Investigate feasibility of developing a floriculture project with hot water waste heat from power plants	506	7,306
b. Aquaculture project designed to use heated discharge water to increase the growth rate and yield of edible fish	107	8,256
c. Other - 5 items less than $5,000 each	930	1,524
	506	614
	537	939
	107	394
6. Other		
a. Design, monitor and analyze passive solar homes and determine the impact of passive solar heating techniques on energy cost	188	22,667
b. Planning for research activities	930	44,679
c. Investigate whether radon gas generation poses a health hazard in energy-efficient construction	930	9,056
d. Other - 5 items less than $5,000 each	930	4,797
	188	2,200
7. Total Internal Cost Incurred		554,194

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
B. Electric Utility R&D Performed Externally		
1. Research Support to the Electric Research Council or the Electric Power Research Institute	930	$4,920,398
2. Research Support to Edison Electric Institute		None
3. Research Support to Nuclear Power Groups		None
4. Research Support to Others		
a. Design, monitor and analyze passive solar homes and determine the impact of passive solar heating techniques on energy cost	188	96,768
b. Study for possible fishway installations along the Susquehanna River	537	89,417
c. Investigate protective relaying methods associated with covered conductors (XLP) on 12 KV distribution lines	588	21,283
d. Investigate feasibility of developing a floriculture project with hot water waste heat from power plants	506	35,608
e. Develop instrumentation to measure flue gas composition and particulate size distribution	506	8,390
f. Develop economic solutions to prevent burndown damage to covered conductors on overhead distribution circuits	588	34,765
g. Develop a microprocessor to control the load in a residence in order to reduce the wide fluctuations in demand occuring during the day and night	930	20,000

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
B. Electric Utility R&D Performed Externally (Continued)		
h. Develop a dual-fueled thermoelectric generator to power a fiber-optic repeater located along transmission lines	566	$ 5,324
i. Monitor the effects of power plant cooling towers on soil moisture in the areas surrounding the towers	506	10,000
j. Participation in energy liaison program of Lehigh University providing assistance in development of energy related research projects and computer related work	930	14,875
k. Evaluate crops grown in soil above a retired ash basin	506	7,891
l. Research support to King's College to develop and evaluate economical pre-combustion techniques for removing sulfur from coal by chemical process	506	6,000
m. Evaluate the heating system design of the Montour greenhouse and develop a microprocessor-based system to control greenhouse operations and manage more precisely the environment and waste heat use	506	15,450
n. Install and monitor a microprocessor-based data acquisition system in the Montour greenhouse to determine heat transfer characteristics and system heat balances under different conditions	506	24,172
o. Study feasibility of producing ethanol from carbohydrates at PP&L power plant	506	12,329
p. Participation in project to identify energy usage characteristics of industrial plants	930	5,000
q. Provide assistance for the operation and maintenance of the Montour greenhouse data acquisition system and provide consultation services in the analysis and evaluation of data as it relates to plant growth and operations	506	8,450

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
B. Electric Utility R&D Performed Externally (Continued)		
r. Develop phase change thermal energy materials and packaging suitable for long-term space heating applications	930	$ 9,730
s. Identify Pocono Mountain lakes vulnerable to acid precipitation damage and determine adverse effects on their biology and water chemistry	930	48,595
t. Research support to Pennsylvania State University to develop a radioactive iodine monitor capable of operating in the presence of high levels of radioactive noble gases	930	24,000
u. Research support to Pennsylvania State University to develop instruments to measure neutron flux and energy ratios and to initiate a study program to improve beta-ray dosimetry for use in all neutron exposure areas within the Susquehanna SES	930	9,600
v. Develop data and methodology to aid in determining suitable locations for wind power installations by PP&L and residential customers	930	12,500
w. Improve the efficiencies of combustion, precipitation and scrubbing through optically assisted gas phase reactions	506	14,150
x. Identify several applications which take advantage of the unique strength and corrosion resistance of advanced polymer composite materials and develop prototype products to fulfill these applications	566	12,500
y. Install, test and evaluate fibral cable on 500 KV and 230 KV transmission tower mock-ups	107	29,336
z. Aquaculture project designed to use heated discharge water to increase the growth rate and yield of edible fish	107	444,923

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ended July 31, 1982

Description	Account Charged	Amount
B. Electric Utility R&D Performed Externally (Continued)		
aa. To demonstrate the economical use of waste heat in producing channel catfish and to initiate research on other fish species at the Brunner Island raceway facilities	107	$ 140,740
bb. Other - 15 items less than $5,000 each	506	5,498
	588	500
	930	18,928
	566	4,300
	107	262
5. Total External Cost Incurred		6,111,682
Total Research and Development Expenditures		$6,665,876

PENNSYLVANIA POWER & LIGHT COMPANY

Research and Development Expenditures
For the Twelve Months Ending July 31, 1983
(Thousands of Dollars)

		Amount
Research support to the Electric Power Research Institute.		$4,072
Other research and development projects:		
Power production R&D	$303	
Environmental research	48	
Conservation and alternative energies	130	
Transmission and distribution	129	
Brunner Island Aquaculture	87	
Montour Floriculture	81	
Ash products in road construction	21	
Generalized R&D	50	849
		$4,921

PP&L RESEARCH AND DEVELOPMENT REPORT

Objectives of PP&L Research and Development

Pennsylvania Power & Light Company's research and development effort has three major objectives.

First, to apply technology in new ways to meet the long-term needs of the people who depend on the company for economical and reliable electric service.

Second, to improve our use of the resources needed to provide such service.

And third, to make a significant contribution to the search for solutions for the problems of the electric utility industry.

To meet these objectives, research is carried out over a broad range of areas. These include renewable resources, more efficient use of our present resources, improved generation and distribution, environment, and safety.

Research and development policy is guided by an advisory committee chaired by the Manager-Technology and Energy Assessment, and includes the President and Chief Executive Officer, Executive Vice President-Operations, Senior Vice Presidents-Division Operations and System Power and Engineering, and the Director-Corporate Planning.

Renewable Resources

- Passive Solar Homes: PP&L has designed and coordinated the construction in its service area of six passive-solar homes, which incorporate many state-of-the-art techniques for tapping the abundant energy from the sun. The homes range in price from $65,000 to $95,000 and feature both passive-solar construction systems and high insulation standards to make the most efficient use of the sun's energy. The homes were completed in the spring of 1981 and have been open to the public for inspection.

  For a 30-month period after the homes are sold to private individuals and in use, PP&L will monitor and record data from the homes through a system interconnected with a computer in the Company's general office in Allentown, Pa. Among the features included in the six different designs are Trombe walls, sunspaces or greenhouses, and careful orientation to optimize the direct gain from the sun's light. The project is very important to PP&L because of its potential impact on conservation and load management, as well as providing the public with the information it needs to make home-building decisions.

- Harwood Wind/Solar Project: PP&L has been experimenting with wind power at its Harwood Wind Research Facility since October 1978, and has expanded the installation to include a one-kilowatt photovoltaic array. Output from the photocells, installed in August 1980, and the 45 kw wind turbine have been fed into the PP&L

grid system. Data was collected and analyzed to determine the economics, operating and interconnection characteristics, and safety requirements. Low average wind speeds and stiffness in the yaw mechanism were primarily responsible for the disappointing performance of the wind turbine. The equipment has proved to be quite rugged and has had relatively few mechanical failures. The photovoltiac array has operated without any failures to date and is producing electricity at a capacity factor of 14 percent, which is about the best that can be expected in northeastern Pennsylvania. PP&L has completed its study of the wind turbines and will decommission and sell the unit during 1983.

- Lehigh University - Wind and Solar Siting Survey: This project, initiated in late 1980, will result in a model that will take service territory weather data as an input and will produce a survey of our territory showing the best locations for wind and solar power facilities. This system will provide us with the necessary information required for future consideration for similar installations and to advise customers considering wind and solar power generation. This and the two projects listed below complement PP&L's overall effort to evaluate the potential for wind and solar energy within our service territory.

- Bloomsburg Wind/Solar Data: PP&L has funded the installation of equipment to measure and collect wind and solar data for input to the Lehigh University program.

- Passive-Solar Collection Using Phase-Change Salts: PP&L, in collaboration with the University of Delaware, has been developing systems that store solar energy by using phase-change salts. Two of PP&L's six passive-solar homes have been built using the phase-change salt storage systems in conjunction with heat pumps. The systems can store low-grade thermal energy that will be used by the heat pumps in the evenings, eliminating the need for backup electric resistance heat. This process is expected to greatly reduce the demand requirements of the system.

- Bethlehem Water Authority: PP&L assisted in a study with the city of Bethlehem to to determine the feasibility of constructing a 600-kw hydroelectric plant at the Penn Forest Reservoir in Carbon County, with all power to be sold to PP&L. The authority completed a feasibility study and finalized construction plans in 1981. The facility could be operational as early as 1983.

- Allentown Water Authority: PP&L has partially funded and assisted in a feasibility study to install a hydroelectric facility at the Hamilton Street Dam. The study is complete and the city is proceeding with design of a 1,700-kw facility. The dam is being rebuilt and the project is expected to be on line by 1985.

- Princeton Fusion: PP&L provides $25,000 yearly in research funds toward the Tokamak Fusion Program being carried out at the Princeton Plasma Physics Laboratory. In addition, PP&L has provided leadership on the utility uses of fusion with Princeton, the Department of Energy and the Electric Power Research Institute.

More Efficient Use of Our Resources

- Montour Experimental Greenhouse: Four acres of commercial greenhouses have been constructed near to PP&L's coal-fired Montour power plant, located 25 miles south-east of Williamsport. A small portion of the condenser reject heat,

normally vented to the atmosphere through large hyperbolic cooling towers, is piped 3,500 feet to the greenhouses, and is used with a Rutgers University-designed warm-floor heating system to provide nearly all the warmth needed to produce the potted plants and flowers grown there. The PP&L pipeline, which transmits the 100°F water, can accommodate as many as 30 acres of greenhouses, and PP&L hopes to have 18 acres at the site by 1984. The warm-floor heating system provides excellent plant growth and working conditions, and allows optimum use of the available floor space. In addition to promoting futher commercial development at Montour, PP&L has planned an extensive research program to analyze the data from the existing greenhouse and to study the horticultural effects of warm-floor heating and the use of off-peak supplemental lighting to improve production. Along with the conservation of valuable liquid fuels, this project supports PP&L's goal of strengthening the economic structure of the service territory.

- Brunner Island Fish Farm: This project, located near the Brunner Island power plant along the Susquehanna River about 15 miles south of Harrisburg, also makes use of power-plant reject heat. The thermal discharge from the plant's run-of-river condenser cooling system is used to provide an ideal environment for raising catfish. The catfish are housed in four 200-foot-long concrete pools, called raceways. Kraft Inc. had operated the fish farm for four years as a pilot program. After PP&L took over the operation of the fish farm in 1981, it began making extensive improvements to the facility. The four new raceways were built, the fish farm's water-pumping capacity is being expanded, and a fish hatchery/plant nursery building has been constructed. The greenhouse will be heated by power-plant reject heat.

- Lehigh University - Ethanol Production at PP&L Power Plants: The purpose of this study was to review the state-of-the-art of ethanol production and to determine if there is an application for low level or reject heat from power plants. The study showed that waste heat was of little or no use in the process, and that an ethanol plant would be more like a cogeneration project requiring the supply of process steam. The project, completed in early 1982, includes an optimal design for such a cogeneration facility.

  Heating, Ventilation, Air Conditioning (HVAC) Duct Btu Meter: At PP&L's request and with PP&L's financial support, Lehigh University has designed and built a prototype energy meter to be used to determine the efficiency of HVAC systems. The equipment was necessary to evaluate the various heating system studies being performed by PP&L's Energy Conservation & Consumer Services section, but it is not yet available commercially.

- Lancaster Area: The Lancaster Solid Waste Authority has responsibility for countywide collection of refuse. It is now collecting and landfilling 1,000 tons/day and has no landfill problems. PP&L is working with the city and the authority to aid them in assessing the potential of this resource and have begun an economic assessment with Lehigh University and the city to predict when the project will be cost effective and practical.

  The electrical potential is up to 11,000 kw and a plant of this size will take five years to construct.

- Residential Demand Controller: PP&L built a microprocessor-based duty cycler in 1977 and developed an efficient control algorithm for demand reduction which was implemented at Millersville State College on their campus-wide computer-based Energy Management System. The results were so successful that the two ideas were put together under a Lehigh University project to develop a residential demand controller. The controller has shown very promising results and has potential of being produced commercially.

Improvement in Generation and Power Delivery

- Oxygen Enrichment of Boiler Combustion Air: This unique combustion research project was undertaken to determine the value of oxygen enrichment of boiler combustion air in controlling and improving combustion, and to determine the effects on slag reduction, boiler efficiency, superheater and reheater overheating, flue gas volume and precipitator efficiency. Laboratory-scale tests were run at The Pennsylvania State University and at KVB Combustion Labs in California, and have produced very interesting and promising results. Larger scale tests are being planned and government agencies have been contacted for possible sources of funding. Air Products and Chemicals of Allentown has been involved from the start and has shared the expense of the testing performed to date.

- Detection of Slag Buildup: Lehigh University is developing sonar-based equipment to detect slag buildups on the walls and in the lower section of our large pressurized boilers. Due to the positive furnace pressure and small observation ports, it is impossible to see slag buildup in some areas until it is too late to remove it through normal operating procedures. This equipment, if successful, will be valuable in maintaining boiler cleanliness and improving reliability.

- Freezing Coal Additives: PP&L and four other Eastern U.S. coal users have initiated a project at Lehigh University to study the science of antifreeze additives for coal, and to determine the feasibility of several approaches to improve the handling, transit and storage of coal in cold weather. Work was begun in 1980 and will continue through 1982.

- Slagging Cyclone Burner: PP&L and Southern California Edison have been co-funding the development of an air-cooled, slagging coal burner that has great potential in converting oil-fired power plants to coal. The high intensity burner removes the load-limiting ash in the burner before it has a chance to reach the furnace and coat the heat exchange surfaces. The burner also has the potential to remove a significant amount of sulfur by reacting with injected limestone. This burner was originally developed under the Magnetohydrodynamics program but appears to have promise in the coal conversion of steam generators.

- Sulfur Reduction of Coal: PP&L has been sponsoring two non-conventional coal cleaning studies. The first, being performed by King's College, has been looking at chemical processes for sulfur reduction. A second study at Lehigh University has been evaluating a new microorganism that has shown good potential in removing pyritic sulfur from coal.

- Burndown of Covered Conductors: PP&L's Distribution Development Department in a joint effort with Westinghouse, has devised an inexpensive clamp device that

promises to eliminate the troublesome problem of covered overhead distribution conductor burndown. This problem, which dates back to the 1960s when the utilities went to insulated conductors at close spacing to improve the aesthetics of distribution circuits, has resulted not only in service interruptions, but also a threat to public safety. The device, which is known as an arcing protection device, has passed laboratory tests and has gone into field testing.

- Polymer Concrete: PP&L has completed preliminary work to determine the feasibility of using a resin and aggregate system called polymer concrete for substation structures. The study developed a 12 kv bus structure design and special polymer concrete mix which were used to construct prototype structures for field trial at Plymouth Street Substation. Polymer concrete structures promise substantial cost savings over steel or aluminum.

- Polysil Insulators: PP&L and EPRI are cooperating in the development and testing of 'POLYSIL' insulators. 'POLYSIL' is an electrical insulating grade of polymer concrete. PP&L has 69 kv 'POLYSIL' insulators under test at Cumberland, East Palmerton and Harrisburg substations. Polymer concrete insulators can be made at 1/2 to 1/3 the cost of porcelain. Polymer concrete cures exothermically while manufacture of porcelain is highly energy intensive.

- Alburtis Sub Digital Transducers: Work has continued on the evaluation of digital current transducers and fiber optic transmission of data at extra high-voltage substations. Three single-phase transducers were installed at Alburtis Substation to monitor operation under load and fault conditions.

- Fiber Optic Cored Overhead Ground Wire: PP&L has been cooperating with British International Calendar Cables (BICC) to develop a fiber optic cored overhead ground wire (FIBERAL) on transmission lines. PP&L installed three quarters of a mile of FIBERAL at Walberts Training Center for monitoring and test purposes. Four fibers are looped at their ends to form an optical circuit three miles long. PP&L is planning a new project to install a fiber optic communication channel between Lackawanna and Peckville 230/69 kv substations in place of power line carrier or leased telephone line pilot channels. FIBERAL shows promise in future company communications for voice, data acquisition, supervisory control, security, customer load control, computer links, etc.

- Dual-fuel Thermoelectric Generator: PP&L is developing a dual-fuel electric generator to power fiber optic repeaters that will be needed with the fiber optic communication systems being planned for transmission systems. The primary objective is to use reject heat from the transmission lines to produce electricity at low voltage in remote locations, thereby reducing the need for high grade fuel or costly conversion to low voltage power.

Environmental and Safety

- Acid Rain Survey of Vulnerable Pocono Lakes: In light of the recent national concern over the effect of acid precipitation, PP&L initiated a project with Lehigh University in September 1980 to study lakes in Pennsylvania's Pocono Mountain area that may be vulnerable to damage by acid rain. The field program is being conducted in two phases. The first consisted of collecting water samples from 10 Pocono Mountain lakes considered vulnerable for hydrological and geological reasons to acid precipitation.

Three lakes were selected on the basis of water chemistry for intensive sampling. The second study phase will examine the biology and chemistry of the three lakes in detail over a three-year period. A three-year time frame is not adequate to generate a definite answer on the presence or absence of acid precipitation damage since such documentation takes many years. However, this effort will supply baseline information which does not now exist.

- Retired Ash Basin Crop Analysis: PP&L has performed a thorough evaluation of a corn crop that was grown in soil over a retired PP&L ash basin. The study objective was to determine whether or not any harmful elements were picked up through the plant's root system. We found that the normal procedure of one to two feet of earth cover is sufficient to return the land to farmland.

- Detection of High Impedance Faults: Work is continuing on this project in researching methods to detect and clear high impedance faults (fallen conductors occurring on distribution systems). The work has led to the development of a prototype Ratio Ground Relay (RGR) by Westinghouse. This relay concept, proprietary to Westinghouse, is currently the best concept, economically, to detect restricted ground faults. The cost sharing project provides cost refunds, through discounts to PP&L, if the RGR becomes commercial. A unique computer program for calculating fault quantities on distribution circuits was developed "in-house" and used in the study. It has subsequently been purchased by Westinghouse and will be used to make recommendations to other utilities relative to RGR applications. PP&L is also participating in several related EPRI projects.

- Real Time Analysis of Flue Gas: This Lehigh University project was undertaken in 1979 to develop instruments to measure boiler flue gas composition and particle size distribution for use in optimizing precipitator performance. The instrument development was completed in mid-1980, and is now being tested on Martins Creek Unit 1.

- Radon Gas Study: This study was undertaken in the latter part of 1980 to determine the radon gas levels in all types of homes and locations within the PP&L service territory, specifically to determine the effect of high levels of insulation and low infiltration. The technical leadership and interpretation in this project is being provided by outside organizations such as Princeton University and Lawrence Berkeley Laboratory.

- Radiation Monitoring: PP&L has provided research funds for radiation monitoring equipment at Bloomsburg State College and Wilkes College. The monitoring equipment is intended for independent use by the colleges to monitor the ambient radiation levels and for use in other college physics programs. The equipment will provide area radiation information independent of that provided by PP&L and government agencies. The funds were paid in late 1980, and the equipment has been in place since early 1981. PP&L will have access to any of the data collected.

- Pennsylvania State University Radiation Monitoring: PP&L has been funding two radiation monitoring projects being performed by the Penn State University Nuclear Engineering Department. The first project deals with a problem that was discovered as a result of the accident at Three Mile Island. The objective is to develop a portable, on-line radioiodine monitor that is capable of working in areas with abnormally high levels of radioactive noble gases. The second program was initiated to provide information to improve the use and

interpretation of the dosimeters (TLD's) and film badges that are used in all areas of Susquehanna S.E.S.

Q. 30. Provide a detailed schedule of all charitable and civic contributions by recipient and amount for the test year.

A. 30. Attachment III-A-30 provides the detail of charitable and civic contributions for the twelve months ended July 31, 1982.

The following is a breakdown of charitable and civic contributions by major category for the test year ending July 31, 1983.

United Funds	$233,165
Hospitals	21,500
Colleges, Universities and Other Educational Organizations	244,600
Emergency Financial Assistance Program (Home Heating)	30,000
Other	102,205
Total	$631,470

It should be noted that PP&L's policy is to charge charitable and civic contributions to other income deductions, Account 426.1, Donations, and not to operating expense. Therefore, contributions of this type are paid from return on stockholders' equity, not from rates.

PENNSYLVANIA POWER & LIGHT COMPANY

Charitable and Civic Contributions
12 Months Ended July 31, 1982

Donations (Account 426.1)		
United Funds		
United Way of Lehigh County, Allentown, Pa.	$ 59,500	
United Way of Lancaster County, Lancaster, Pa.	27,500	
Tri County United Way, Inc., Harrisburg, Pa.	25,425	
United Way of Lackawanna County, Scranton, Pa.	13,000	
United Way of Greater Hazleton, Inc., Hazleton, Pa.	12,000	
United Way of Wyoming Valley, Wilkes-Barre, Pa.	11,500	
United Way of Northampton and Warren Counties	10,500	
Lycoming United Way, Williamsport, Pa.	9,500	
Southern Schuylkill United Way, Pottsville, Pa.	5,500	
Berwick Area United Fund, Berwick, Pa.	5,000	
Other - each less than $5,000	34,935	
Total United Funds		$214,360
Hospitals - each less than $5,000		19,395
Colleges, Universities and Other Educational Organizations		
Scholarships - each less than $5,000	7,882	
Building and Development Funds		
Allentown College of St. Francis de Sales, Center Valley, Pa.	17,000	
Johnson School of Technology, Scranton, Pa.	10,000	
Franklin & Marshall College, Lancaster, Pa.	6,300	
Wilkes College, Wilkes-Barre, Pa.	6,000	
Moravian College, Bethlehem, Pa.	6,000	
Lehigh University, Bethlehem, Pa.	5,000	
Marywood College, Scranton, Pa.	5,000	
Other - each less than $5,000	27,125	
Total Building and Development Funds	82,425	
Matching Eductional Aid Program		
Lehigh University, Bethlehem, Pa.	15,487	
Allentown College of St. Francis de Sales, Center Valley, Pa.	9,157	
Pennsylvania State University, University Park, Pa.	9,040	
Drexel University, Philadelphia, Pa.	6,855	
Other - each less than $5,000	33,649	
Total Matching Educational Aid Program	74,188	
Other		
Foundation for Independent Colleges, Inc. of Pa., Harrisburg, Pa.	20,825	
Miscellaneous - each less than $5,000	15,110	
Total Other	35,935	
Total Colleges, Universities and Other Educational Organizations		200,430

PENNSYLVANIA POWER & LIGHT COMPANY

Charitable and Civic Contributions
12 Months Ended July 31,1982

Donations (Account 426.1) (Continued)		
Other		
The Academy of Natural Sciences, Philadelphia, Pa.	$ 10,000	
The Nature Conservancy, Philadelphia, Pa.	9,500	
YMCA, Bethlehem, Pa.	7,500	
L. B. Smith Cultural Fund, Camp Hill, Pa.	5,125	
Community Action Committee of the Lehigh Valley, Bethlehem, Pa.	5,000	
Community Action Program of Lancaster County	5,000	
Miscellaneous - each less than $5,000	70,089	
Total Other		$112,214
Total Donations (Account 426.1)		$546,399

Q. 31. Provide a detailed analysis of Special Services -- Account 795.

A. 31. Account 795 - Special Services was the account in use prior to the revision of the Uniform System of Accounts in 1961 to record outside services similar in nature to expenses currently recorded in Account 923. Since that revision of the Uniform System of Accounts, PP&L has not recorded any amounts in Account 795. Details of Account 923 - Outside Services Employed for the twelve-month periods ending July 31, 1980, July 31, 1981, and July 31, 1982 are provided in the response to Regulation III-A-28.

Q. 32. Provide a detailed analysis of Miscellaneous General Expense -- Account No. 801.

A. 32. Account 801 - Miscellaneous General Expense was the account in use prior to the revision of the Uniform System of Accounts in 1961 to record miscellaneous general expenses similar in nature to expenses currently recorded in Account 930.2. Since that revision of the Uniform System of Accounts, PP&L has not recorded any amounts in Account 801. Details of Account 930.2 - Miscellaneous General Expenses for the twelve-month periods ending July 31, 1980, July 31, 1981, and July 31, 1982 are provided in the response to Regulation III-A-28.

Q. 33. Provide a labor productivity schedule.

A. 33. Attachment III-A-33 provides PP&L's labor productivity schedule from 1960 through 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Productivity

$$\text{Productivity} = \frac{\text{Output}}{\text{Input}} \quad \left[\frac{\text{KWH}}{\$}\right]$$

Output:
- Residential Sales
- Commercial Sales
- Industrial Sales
- Other Sales

} Total Sales (S)

Gross Power Deliveries (GPD)

Input:
- Capital (C)
- People (P)
- Energy (E)
- Other O&M (O)

Total Factor Productivity (TFP)

$$TFP = \frac{S + GPD}{C + P + E + O}$$

Partial Factor Productivity (PFP)

Capital $\quad PFP_C = \frac{S + GPD}{C}$

People $\quad PFP_P = \frac{S + GPD}{P}$

Energy $\quad PFP_E = \frac{S + GPD}{E}$

Other O&M $\quad PFP_O = \frac{S + GPD}{O}$

ELECTRIC ENERGY OUTPUT
(000,000 KWH)

	SALES TO CUSTOMERS RES	COM	IND	OTHER SALES	TOTAL SALES	GPD*	KWH OUTPUT
1960	2116	1232	2815	345	6508	279	6787
1961	2231	1317	2848	350	6746	354	7100
1962	2343	1419	3070	387	7219	585	7804
1963	2504	1524	3233	408	7669	361	8030
1964	2671	1653	3620	443	8387	229	8616
1965	2921	1812	3996	457	9186	415	9601
1966	3255	2001	4412	492	10160	739	10899
1967	3652	2260	4547	511	10970	797	11767
1968	4088	2550	4916	531	12085	844	12929
1969	4573	2840	5566	555	13534	1559	15093
1970	5093	3198	5807	588	14686	1164	15850
1971	5479	3533	6053	623	15688	1758	17446
1972	5984	3933	6458	640	17015	3586	20601
1973	6324	4262	6881	1401	18868	7237	26105
1974	6494	4275	7170	1027	18966	6079	25045
1975	6818	4575	7020	703	19116	8757	27873
1976	7267	4874	7481	735	20357	8358	28715
1977	7494	5084	7601	755	20934	12433	33367
1978	7706	5294	7792	783	21575	9010	30585
1979	8010	5439	8031	802	22282	11089	33371
1980	8039	5721	7893	786	22439	9798	32237
1981	8088	5893	7968	1008	22957	6274	29231

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METHOD 3

* TOTAL SALES ARE ADJUSTED BY GROSS POWER DELIVERIES

CAPITAL INPUT
($000,000)

	PLANT BALANCE EOY(OC)	**** AVERAGE **** PLANT (TOC)	NET PLT (TOC)	COST OF CAP.	RETURN ON CAPITAL	COMP DEPR RATE	RETURN OF CAPITAL	CAPITAL INPUT
1960	582	3201	2371	11.35	269	2.42	77	346.6
1961	644	3314	2413	11.35	274	2.45	81	355.1
1962	647	3382	2468	11.35	280	2.52	85	365.3
1963	659	3365	2423	11.35	275	2.91	98	372.9
1964	675	3379	2369	11.35	269	2.93	99	367.9
1965	717	3430	2382	11.35	270	2.92	100	370.5
1966	734	3479	2397	11.35	272	2.94	102	374.3
1967	823	3600	2468	11.35	280	2.94	106	385.9
1968	882	3778	2597	11.35	295	2.96	112	406.6
1969	997	3973	2774	11.35	315	3.00	119	434.0
1970	1083	4193	2963	11.35	336	3.02	127	462.9
1971	1171	4368	3060	11.35	347	3.16	138	485.4
1972	1363	4625	3305	11.35	375	3.22	149	524.0
1973	1594	5016	3667	11.35	416	3.28	165	580.8
1974	1656	5258	3798	11.35	431	3.28	172	603.6
1975	1959	5496	3909	11.35	444	3.28	180	623.9
1976	2042	5739	4026	11.35	457	3.16	181	638.3
1977	2272	5894	4075	11.35	463	3.17	187	649.4
1978	2340	6032	4107	11.35	466	3.19	192	658.6
1979	2457	6086	4039	11.35	458	3.19	194	652.6
1980	2596	6176	4002	11.35	454	3.22	199	653.1
1981	2768	6276	3980	11.35	452	3.22	202	653.8

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METHOD 3
BOOK RESERVE

FODE-66 TABLE 3 PPL

PEOPLE INPUT
($000,000)

	WAGES & BENEFITS	LINEMAN RATE	TREND FACTOR BASE=1981	PEOPLE INPUT
1960	33.973	3.616	3.845	130.6
1961	34.091	3.757	3.701	126.2
1962	35.673	3.882	3.582	127.8
1963	35.320	4.021	3.458	122.1
1964	35.819	4.143	3.356	120.2
1965	36.317	4.275	3.253	118.1
1966	37.248	4.384	3.172	118.1
1967	38.545	4.698	2.960	114.1
1968	39.962	4.960	2.803	112.0
1969	40.991	5.284	2.632	107.9
1970	44.792	5.628	2.471	110.7
1971	46.962	6.261	2.221	104.3
1972	53.833	6.873	2.023	108.9
1973	56.158	7.216	1.927	108.2
1974	66.264	7.832	1.775	117.6
1975	70.016	8.604	1.616	113.2
1976	80.720	9.413	1.477	119.2
1977	89.065	10.214	1.361	121.3
1978	100.787	10.955	1.269	127.9
1979	111.807	11.675	1.191	133.2
1980	128.785	12.723	1.093	140.7
1981	145.242	13.905	1.000	145.2

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METHOD 3

FODE-66 TABLE 4 PPL

COAL ENERGY INPUT
($000,000)

	EXPENSE	CENTS PER MILLION BTU	TREND FACTOR BASE=1981	ADJUSTED FUEL EXPENSE
1960	17.340	22.7	7.171	124.4
1961	19.057	23.6	6.898	131.5
1962	19.892	23.6	6.898	137.2
1963	18.863	22.4	7.267	137.1
1964	19.805	22.2	7.333	145.2
1965	22.501	22.6	7.203	162.1
1966	26.444	23.4	6.957	184.0
1967	28.699	24.4	6.672	191.5
1968	31.379	24.9	6.538	205.2
1969	38.757	27.1	6.007	232.8
1970	50.930	34.3	4.746	241.7
1971	70.059	41.4	3.932	275.5
1972	86.439	44.2	3.683	318.4
1973	120.730	48.2	3.377	407.8
1974	208.651	83.2	1.956	408.3
1975	256.050	99.8	1.631	417.7
1976	282.395	107.4	1.515	428.1
1977	297.084	109.8	1.482	440.5
1978	305.290	122.8	1.325	404.7
1979	347.380	127.4	1.277	443.9
1980	373.755	139.8	1.164	435.2
1981	408.815	162.8	1.000	408.8

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METHOD 3

FODE-66 TABLE 4 PPL

OIL ENERGY INPUT (STEAM PRODUCTION)
($000,000)

	EXPENSE	CENTS PER MILLION BTU	TREND FACTOR BASE=1981	ADJUSTED FUEL EXPENSE
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971				
1972				
1973				
1974				
1975	11.137	222.6	2.463	27.4
1976	40.263	207.2	2.646	106.6
1977	137.146	229.6	2.388	327.6
1978	143.602	220.0	2.492	358.0
1979	184.608	309.6	1.771	327.0
1980	259.065	435.7	1.258	326.1
1981	270.670	548.4	1.000	270.7

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METHOD 3

FODE-66 TABLE 4 PPL

OIL ENERGY INPUT (C/T & DIESEL)
($000,000)

	EXPENSE	CENTS PER MILLION BTU	TREND FACTOR BASE=1981	ADJUSTED FUEL EXPENSE
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967	1.311	76.0	8.960	11.7
1968	2.873	83.1	8.194	23.5
1969	5.507	83.0	8.204	45.2
1970	10.319	87.5	7.782	80.3
1971	9.050	96.2	7.079	64.1
1972	8.176	91.1	7.475	61.1
1973	4.024	99.9	6.816	27.4
1974	7.289	198.0	3.439	25.1
1975	2.763	218.6	3.115	8.6
1976	1.387	238.0	2.861	4.0
1977	4.623	264.2	2.577	11.9
1978	4.352	279.4	2.437	10.6
1979	1.731	313.1	2.175	3.8
1980	2.609	515.3	1.321	3.4
1981	3.306	681.0	1.000	3.3

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METHOD 3

FODE-66 TABLE 4 PPL

ENERGY ADJUSTMENT INPUT
($000,000)

	ADJUSTMENT*	CENTS PER MILLION BTU	TREND FACTOR BASE=1981	ENERGY ADJUSTED INPUT
1960	4.703	22.7	0.009	47.1
1961	3.385	23.6	9.627	32.6
1962	3.116	23.6	9.627	30.0
1963	4.110	22.4	0.143	41.7
1964	5.645	22.2	0.234	57.8
1965	7.017	22.6	0.053	70.5
1966	6.906	23.4	9.709	67.1
1967	10.439	25.1	9.052	94.5
1968	14.658	26.4	8.606	126.1
1969	16.293	29.6	7.676	125.1
1970	21.812	38.2	5.948	129.7
1971	18.090	44.2	5.140	93.0
1972	10.002	48.3	4.704	47.0
1973	11.754	49.0	4.637	54.5
1974	22.544	84.9	2.676	60.3
1975	30.637	102.7	2.212	67.8
1976	27.738	114.5	1.984	55.0
1977	23.164	132.2	1.719	39.8
1978	15.756	143.8	1.580	24.9
1979	36.171	160.5	1.416	51.2
1980	37.966	194.5	1.168	44.3
1981	26.627	227.2	1.000	26.6

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METHOD 3

* TOTAL ENERGY WILL BE ADJUSTED BY GROSS POWER COSTS

FODE-66 TABLE 4 PPL

ENERGY INPUT
($000,000)

	COAL	OIL (STEAM)	NUCLEAR	OIL (DIESEL)	GAS	ADJUSTMENT*	TOTAL ENERGY INPUT
1960	124.4					47.07	171.5
1961	131.5					32.58	164.1
1962	137.2					29.99	167.3
1963	137.1					41.68	178.8
1964	145.2					57.77	203.1
1965	162.1					70.54	232.7
1966	184.0					67.05	251.1
1967	191.5			11.7		94.49	297.8
1968	205.2			23.5		126.14	355.0
1969	232.8			45.2		125.05	403.2
1970	241.7			80.3		129.73	451.9
1971	275.5			64.1		92.98	432.7
1972	318.4			61.1		47.04	426.6
1973	407.8			27.4		54.50	489.8
1974	408.3			25.1		60.32	493.8
1975	417.7	27.4		8.6		67.77	521.7
1976	428.1	106.6		4.0		55.03	593.8
1977	440.5	327.6		11.9		39.80	819.9
1978	404.7	358.0		10.6		24.89	798.3
1979	443.9	327.0		3.8		51.20	826.0
1980	435.2	326.1		3.4		44.34	809.3
1981	408.8	270.7		3.3		26.62	709.6

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METHOD 3

* GROSS POWER COSTS ARE ADDED TO TOTAL ENERGY

FODE-66 TABLE 5 PPL

OTHER OPERATION AND MAINTENANCE INPUT
($000,000)

	OTHER O&M	PRICE LEVEL	TREND BASE=1981	OTHER O&M INPUT
1960	14.926	148	3.507	52.3
1961	14.454	147	3.531	51.0
1962	15.926	149	3.483	55.5
1963	15.954	150	3.460	55.2
1964	16.394	154	3.370	55.2
1965	17.321	161	3.224	55.8
1966	17.829	166	3.127	55.7
1967	18.894	174	2.983	56.4
1968	19.592	181	2.867	56.2
1969	22.956	192	2.703	62.1
1970	23.773	209	2.483	59.0
1971	33.968	226	2.296	78.0
1972	41.432	239	2.172	90.0
1973	46.810	259	2.004	93.8
1974	53.596	306	1.696	90.9
1975	75.089	351	1.479	111.0
1976	76.673	367	1.414	108.4
1977	87.208	386	1.345	117.3
1978	84.928	404	1.285	109.1
1979	99.015	446	1.164	115.2
1980	105.382	481	1.079	113.7
1981	128.263	519	1.000	128.3

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METHOD 3

FODE-66 TABLE 6 PPL

SUMMARY OF OUTPUT AND FACTOR INPUTS

	KWH OUTPUT	CAPITAL INPUT	PEOPLE INPUT	ENERGY INPUT	OTHER O&M INPUT	TOTAL INPUT
1960	6787	346.6	130.6	171.5	52.3	701.1
1961	7100	355.1	126.2	164.1	51.0	696.5
1962	7804	365.4	127.8	167.3	55.5	716.0
1963	8030	372.9	122.1	178.9	55.2	729.2
1964	8616	368.0	120.2	203.1	55.2	746.5
1965	9601	370.6	118.1	232.7	55.8	777.3
1966	10899	374.4	118.1	251.1	55.7	799.4
1967	11767	386.0	114.1	297.9	56.4	854.3
1968	12929	406.6	112.0	355.0	56.2	929.8
1969	15093	434.1	107.9	403.2	62.1	1007.2
1970	15850	463.0	110.7	451.9	59.0	1084.6
1971	17446	485.4	104.3	432.7	78.0	1100.4
1972	20601	524.0	108.9	426.7	90.0	1149.6
1973	26105	580.8	108.2	489.9	93.8	1272.7
1974	25045	603.7	117.6	493.8	90.9	1306.0
1975	27873	624.0	113.2	521.7	111.0	1369.9
1976	28715	638.4	119.2	593.8	108.4	1459.9
1977	33367	649.4	121.3	820.0	117.3	1707.9
1978	30585	658.7	127.9	798.4	109.1	1694.1
1979	33371	652.7	133.2	826.1	115.2	1727.1
1980	32237	653.2	140.7	809.3	113.7	1717.0
1981	29231	653.8	145.2	709.6	128.3	1637.0

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METHOD 3

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PPL

TABLE 7

PARTIAL FACTOR AND TOTAL FACTOR PRODUCTIVITY
(KWH PER DOLLAR OF INPUT)

	CAPITAL FACTOR	PEOPLE FACTOR	ENERGY FACTOR	OTHER O&M FACTOR	TOTAL FACTOR
1960	19.6	52.0	39.6	129.7	9.7
1961	20.0	56.3	43.3	139.1	10.2
1962	21.4	61.1	46.6	140.7	10.9
1963	21.5	65.7	44.9	145.5	11.0
1964	23.4	71.7	42.4	155.9	11.5
1965	25.9	81.3	41.3	171.9	12.4
1966	29.1	92.3	43.4	195.5	13.6
1967	30.5	103.1	39.5	208.8	13.8
1968	31.8	115.4	36.4	230.1	13.9
1969	34.8	139.9	37.4	243.2	15.0
1970	34.2	143.2	35.1	268.5	14.6
1971	35.9	167.3	40.3	223.6	15.9
1972	39.3	189.2	48.3	229.0	17.9
1973	44.9	241.2	53.3	278.3	20.5
1974	41.5	212.9	50.7	275.5	19.2
1975	44.7	246.3	53.4	251.0	20.3
1976	45.0	240.8	48.4	264.8	19.7
1977	51.4	275.2	40.7	284.6	19.5
1978	46.4	239.1	38.3	280.3	18.1
1979	51.1	250.6	40.4	289.6	19.3
1980	49.4	229.0	39.8	283.5	18.8
1981	44.7	201.3	41.2	227.9	17.9

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METHOD 3

FODE-66 TABLE 8 PPL

PRODUCTIVITY INDEX
BASE = 1960

	CAPITAL INDEX	PEOPLE INDEX	ENERGY INDEX	OTHER O&M INDEX	TOTAL INDEX
1960	100	100	100	100	100
1961	102	108	109	107	105
1962	109	118	118	108	113
1963	110	127	113	112	114
1964	120	138	107	120	119
1965	132	156	104	133	128
1966	149	178	110	151	141
1967	156	199	100	161	142
1968	162	222	92	177	144
1969	178	269	95	188	155
1970	175	276	89	207	151
1971	184	322	102	172	164
1972	201	364	122	177	185
1973	230	464	135	215	212
1974	212	410	128	212	198
1975	228	474	135	194	210
1976	230	464	122	204	203
1977	262	530	103	219	202
1978	237	460	97	216	187
1979	261	482	102	223	200
1980	252	441	101	219	194
1981	228	387	104	176	184

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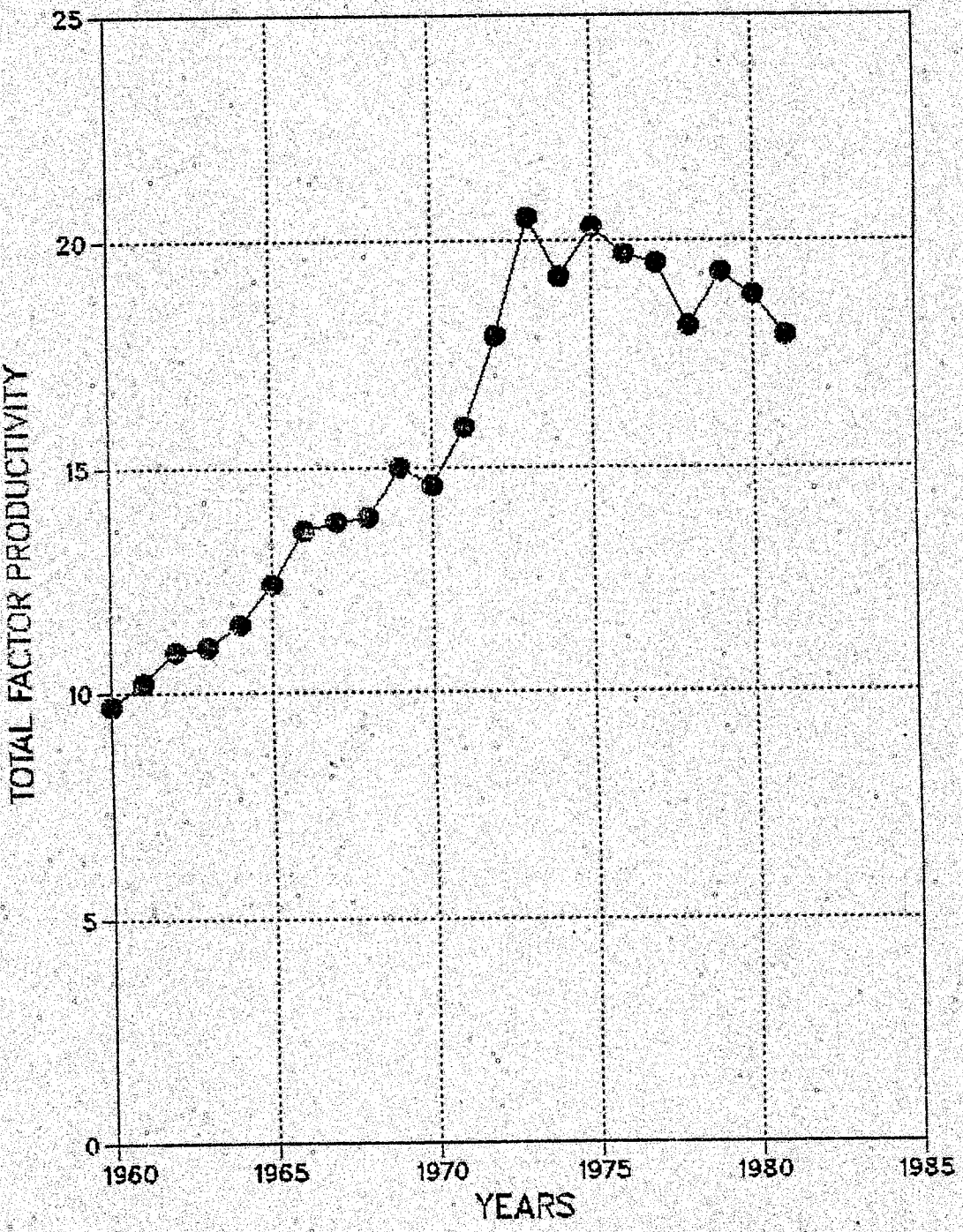
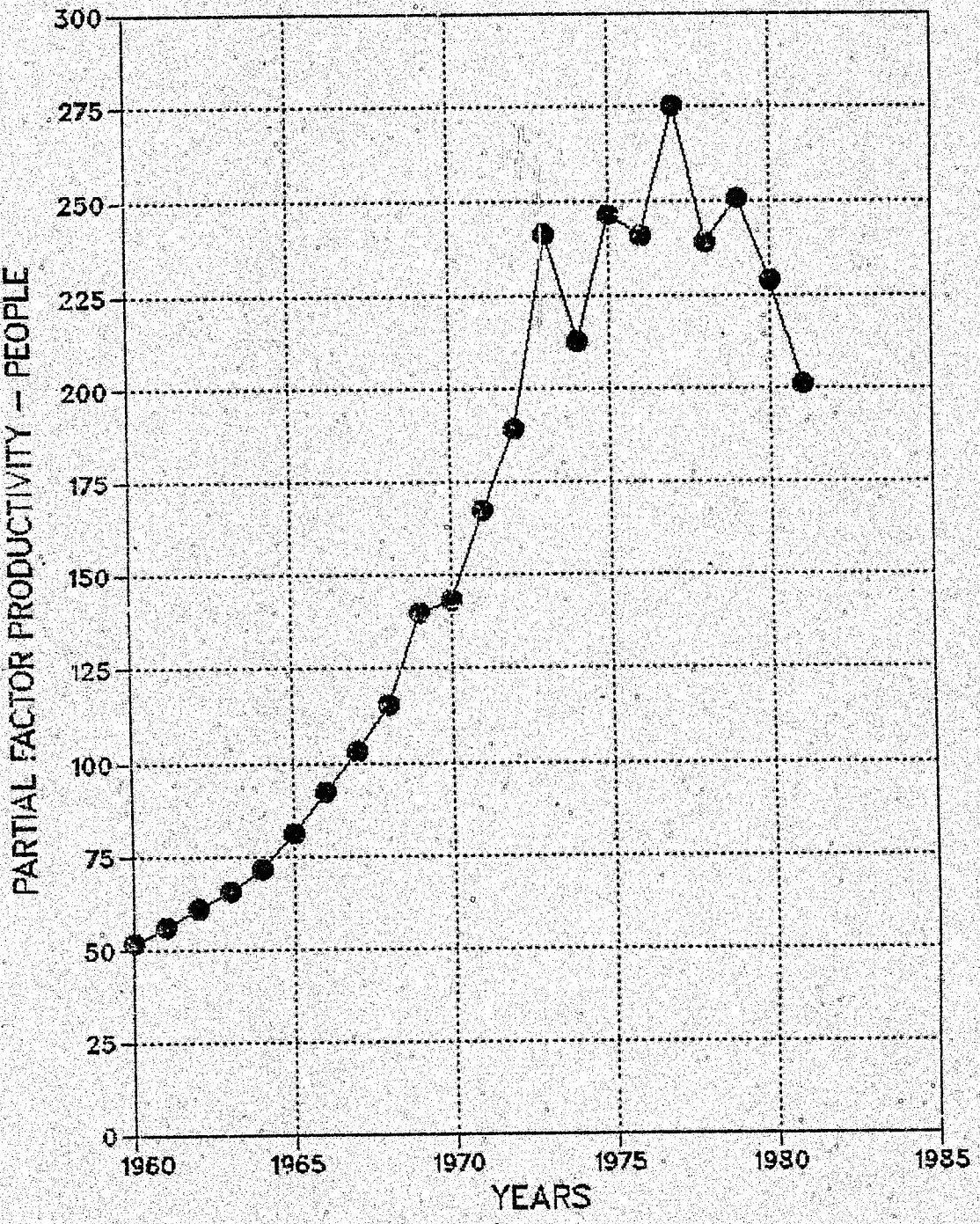
METHOD 3

PENNSYLVANIA POWER & LIGHT CO.
TOTAL FACTOR PRODUCTIVITY
1960 – 1981



PENNSYLVANIA POWER & LIGHT CO.
PARTIAL FACTOR PRODUCTIVITY – PEOPLE
1960 – 1981

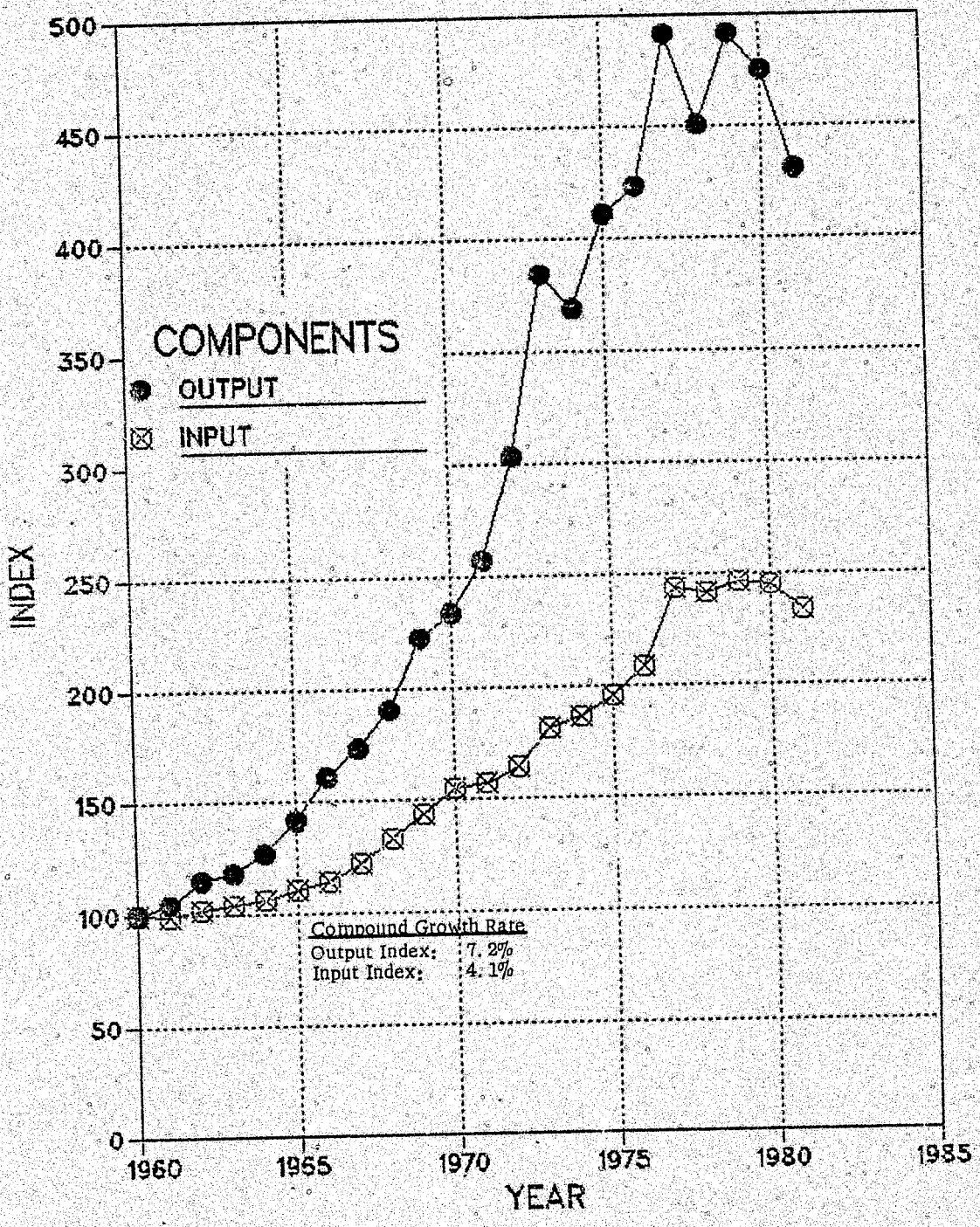


PENNSYLVANIA POWER & LIGHT COMPANY

Output Index & Input Index

Year	KWH Output	Output Index	$ Input	Input Index
1960	6,787	100.0	701.1	100.0
1961	7,100	104.6	696.5	99.3
1962	7,804	115.0	716.0	102.1
1963	8,030	118.3	729.2	104.0
1964	8,616	126.9	746.5	106.5
1965	9,601	141.5	777.3	110.9
1966	10,899	160.6	799.4	114.0
1967	11,767	173.4	854.3	121.9
1968	12,929	190.5	929.8	132.6
1969	15,093	222.4	1,007.2	143.7
1970	15,850	233.5	1,084.6	154.7
1971	17,446	257.1	1,100.4	157.0
1972	20,601	303.5	1,149.6	164.0
1973	26,105	384.6	1,272.7	181.5
1974	25,045	369.0	1,306.0	186.3
1975	27,873	410.7	1,369.9	195.4
1976	28,715	423.1	1,459.9	208.2
1977	33,367	491.6	1,707.9	243.6
1978	30,585	450.6	1,694.1	241.6
1979	33,371	491.7	1,727.1	246.3
1980	32,237	475.0	1,717.0	244.9
1981	29,231	430.7	1,637.0	233.5

PENNSYLVANIA POWER & LIGHT CO.
OUTPUT INDEX VS. INPUT INDEX
1960 – 1981

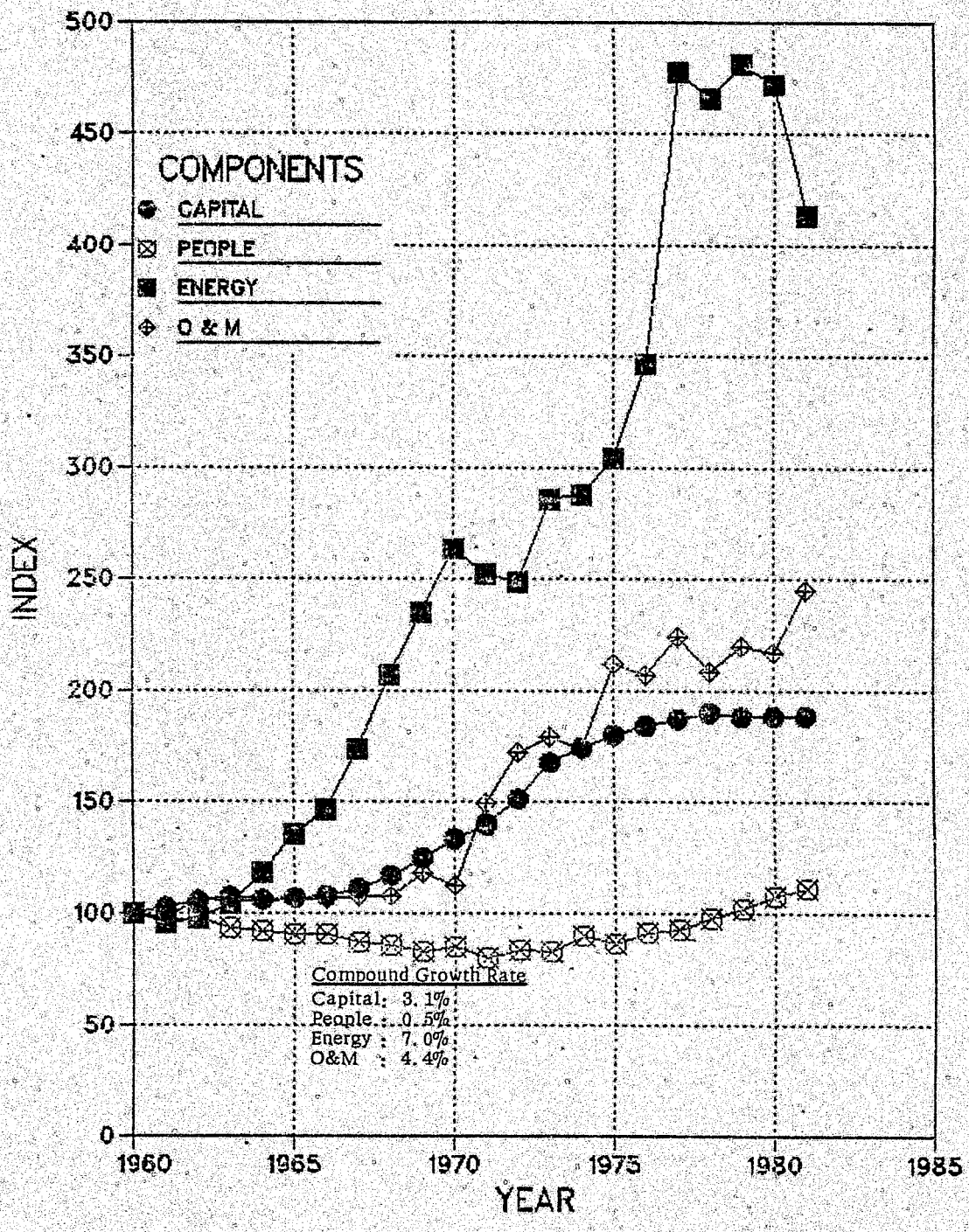


PENNSYLVANIA POWER & LIGHT COMPANY

Input Component Index

Year	Capital		People		Energy		O & M	
	Input	Index	Input	Index	Input	Index	Input	Index
1960	346.6	100.0	130.6	100.0	171.5	100.0	52.3	100.0
1961	355.1	102.5	126.2	96.6	164.1	95.7	51.0	97.5
1962	365.4	105.4	127.8	97.9	167.3	97.6	55.5	106.1
1963	372.9	107.6	122.1	93.5	178.9	104.3	55.2	105.5
1964	368.0	106.2	120.2	92.0	203.1	118.4	55.2	105.5
1965	370.6	106.9	118.1	90.4	232.7	135.7	55.8	106.7
1966	374.4	108.0	118.1	90.4	251.1	146.4	55.7	106.5
1967	386.0	111.4	114.1	87.4	297.9	173.7	56.4	107.8
1968	406.6	117.3	112.0	85.8	355.0	207.0	56.2	107.5
1969	434.1	125.2	107.9	82.6	403.2	235.1	62.1	118.7
1970	463.0	133.6	110.7	84.8	451.9	263.5	59.0	112.8
1971	485.4	140.0	104.3	79.9	432.7	252.3	78.0	149.1
1972	524.0	151.2	108.9	83.4	426.7	248.8	90.0	172.1
1973	580.8	167.6	108.2	82.8	489.9	285.7	93.8	179.3
1974	603.7	174.2	117.6	90.0	493.8	287.9	90.9	173.8
1975	624.0	180.0	113.2	86.7	521.7	304.2	111.0	212.2
1976	638.4	184.2	119.3	91.3	593.8	346.2	108.4	207.3
1977	649.4	187.4	121.3	92.9	820.0	478.1	117.3	224.3
1978	658.7	190.0	127.9	97.9	798.4	465.5	109.1	208.6
1979	652.7	188.3	133.2	102.0	826.1	481.7	115.2	220.3
1980	653.2	188.5	140.7	107.7	809.3	471.9	113.7	217.4
1981	653.8	188.6	145.2	111.2	709.6	413.8	128.3	245.3

PENNSYLVANIA POWER & LIGHT CO.
INPUT COMPONENT INDEX
1960 – 1981



PENNSYLVANIA POWER & LIGHT COMPANY

Relative Weightings of Input Components

Inputs

Year	Total	Capital	People	Energy	O & M
1960	701.0	346.6	130.6	171.5	52.3
1965	777.2	370.6	118.1	232.7	55.8
1970	1,084.6	463.0	110.7	451.9	59.0
1975	1,369.9	624.0	113.2	521.7	111.0
1980	1,716.9	653.2	140.7	809.3	113.7
1981	1,636.9	653.8	145.2	709.6	128.3

%

Year	Total	Capital	People	Energy	O & M
1960	100	49	19	24	8
1965	100	48	15	30	7
1970	100	43	10	42	5
1975	100	46	8	38	8
1980	100	38	8	47	7
1981	100	40	9	43	8

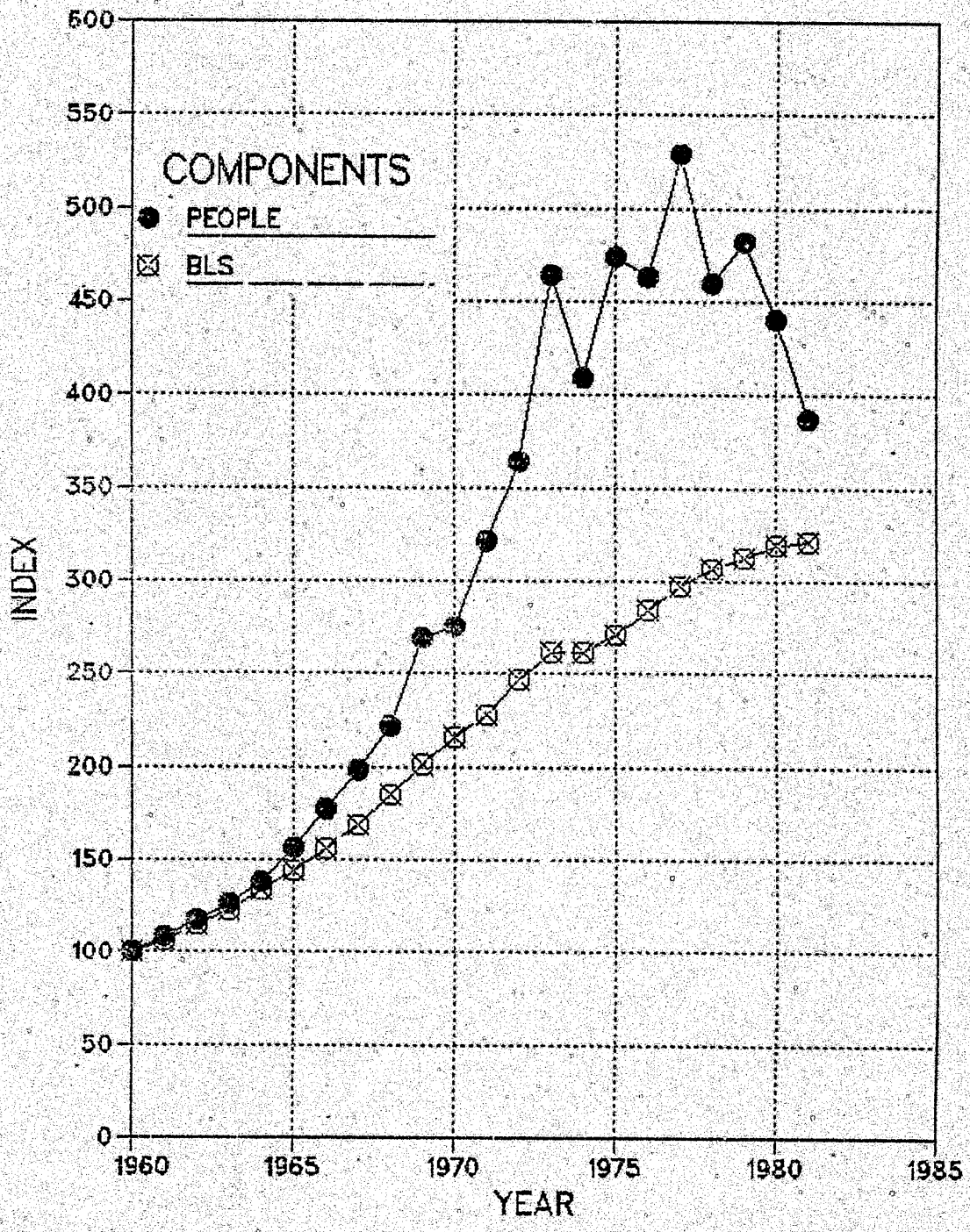
PENNSYLVANIA POWER & LIGHT COMPANY

PP&L People Index Compared to BLS
Industrial Production Index for
Electric Utilities

Year	BLS (1)	BLS (2)	PP&L
1960	59.4	100.0	100.0
1961	63.2	106.4	108.3
1962	68.1	114.6	117.5
1963	73.3	122.9	126.3
1964	79.6	134.0	137.9
1965	85.5	143.9	156.3
1966	92.6	155.9	177.5
1967	100.0	168.4	198.3
1968	109.7	184.7	221.9
1969	119.6	201.3	269.0
1970	128.1	215.7	275.4
1971	135.2	227.6	321.7
1972	146.4	246.5	363.8
1973	155.5	261.8	463.8
1974	155.1	261.1	409.4
1975	160.6	270.4	473.7
1976	168.8	284.2	463.1
1977	176.7	297.5	529.2
1978	182.2	306.7	459.8
1979	185.8	312.8	481.9
1980	189.8	319.5	440.4
1981	191.0	321.5	387.1

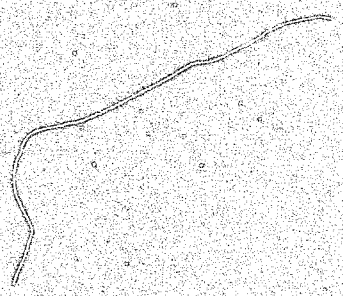
(1) 1967 = 100.0
(2) 1960 = 100.0

PENNSYLVANIA POWER & LIGHT CO.
PEOPLE INDEX COMPARED TO BLS INDUSTRIAL PRODUCTION INDEX FOR ELECTRIC UTILITIES
1960 – 1981



Q. 34. List and explain all non-recurring abnormal or extraordinary expenses incurred in the test year which will not be present in future years.

A. 34. Any material non-recurring abnormal or extraordinary expenses incurred in the historic and future test years are reflected, explained and adjusted in the various D Schedules in Exhibits Historic 1 and Future 1.



Q. 35. List and explain all expenses included in the test year which do not occur yearly but are of a nature that they do occur over an extended period of years. (e.g. -- Non-yearly maintenance programs, etc.)

(Responses shall be submitted and identified as exhibits.)

A. 35. There are no material expenses included in the test year which do not occur yearly but do occur over an extended period of years.

Q. 36. Using the adjusted year's expenses under present rates as a base, give detail necessary for clarification of all expense adjustments. Give clarifying detail for any such adjustments that occur due to changes in accounting procedure, such as charging a particular expense to a different account than was used previously. Explain any extraordinary declines in expense due to such change of account use.

A. 36. Section D of Exhibits Historic 1 and Future 1 provides the detail and explanation of all expense adjustments claimed by PP&L due to changes in accounting procedures.

Q. 37. Indicate the expenses that are recorded in the test year which are due to the placement in operating service of major plant additions or the removal of major plant from operating service, and estimate the expense that will be incurred on a full-year's operation.

A. 37. PP&L did not add or retire any major plant items during the historic test year ended July 31, 1982. Additions and retirements actually experienced by the Company during the historic test year represented the normal expenditures required to maintain the reliability of our system and to comply with various State and Federal laws. These additions or retirements did not significantly affect the level of PP&L's operating expenses.

On May 15, 1983, PP&L's first nuclear unit, Susquehanna Unit 1, is scheduled to begin commercial operation. The requested information for Susquehanna is provided in Exhibit Future 1.

Q. 38. Submit a statement of past and anticipated changes, since the previous rate case, in major accounting procedures.

A. 38. In December, 1981, effective as of January 1, 1982, the Company adopted a policy of recording revenues collectible from customers based on service rendered to the end of the month. Prior to 1981, revenues were recorded when bills were rendered to customers based on monthly cycle meter readings.

Effective with the 1981 tax year, the Company treated the amount of unbilled energy clause revenues at the end of the year as taxable income for the year. Previously such amount would have been included in taxable income during the year in which customers were billed. This change results in revenues from energy clauses being taxable in the same tax year that the related energy costs are deducted. Under previous tax treatment, the revenues and related costs could occur in different taxable years causing substantial impacts on the Company's tax liabilities.

In accordance with a December, 1981, PUC rate order (Docket No. R-811636), the Company, effective January 1, 1982, began to record deferred federal income taxes for the difference between tax depreciation computed using the Accelerated Cost Recovery System and that computed using book depreciation lives and methods on post-1980 property additions.

All other anticipated changes in major accounting procedures are related to the current rate proceeding. These changes include possible deferrals of certain costs associated with Susquehanna Unit No. 1 in the event that the unit is placed in commercial operation prior to the end of the test year (as set forth in the Pennsylvania Public Utility Commission declaratory order adopted July 1, 1982 Docket No. P-820367). In addition, the Company anticipates the use of a modified sinking fund depreciation method for Unit 1 of Susquehanna, the recording of decommissioning costs and the recording of spent nuclear fuel disposal costs, all of which are more fully described elsewhere in the rate filing material.

Q. 39. Identify the specific witnesses for all statements and schedules of revenues, expenses, taxes, property, valuation, etc.

A. 39. Identification of witnesses, nature of their testimony, and their exhibits is provided on the first page of the direct testimony volumes submitted as part of this filing.

Q. 40. Adjustments which are estimated shall be fully supported by basic information reasonably necessary.

A. 40. The requested information is provided in Exhibits Historic 1 and Future 1.

Q. 41. Submit a statement explaining the derivation of the amounts used for projecting future test year level of operations and submit appropriate schedules supporting the projected test year level of operations.

A. 41. A statement explaining the derivation of amounts used for projecting the future test year level of operations is supplied in the Direct Testimony and exhibits of Michael J. Berish. Schedules supporting the projected test year level of operations are supplied in Exhibit Future 1.

Q. 42. If a company has separate operating divisions, an income statement must be shown for each division, plus an income statement for company as a whole.

A. 42. Attachment III-A-42 provides the requested income statement for the twelve months ended July 31, 1982. See Exhibit MJB 8 for the projected income statement for the twelve months ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

STATEMENT OF INCOME

TWELVE MONTHS ENDED JULY 31,1982 (a)

ACCT. NO.		TOTAL	ELECTRIC	STEAM HEAT
	UTILITY OPERATING INCOME			
400	OPERATING REVENUES	$ 1215,700,091.87	$ 1208,308,967.07	$ 7,391,124.80
	OPERATING EXPENSES			
401	OPERATION EXPENSES	589,378,418.00	583,369,313.30	6,009,104.70
402	MAINTENANCE EXPENSES	118,530,654.52	117,798,591.64	732,062.88
403	DEPRECIATION EXPENSES	88,305,527.00	88,017,376.00	288,151.00
407	AMORTIZATION OF PROPERTY LOSSES	560,095.39	560,095.39	
408.1	TAXES OTHER THAN INCOME TAXES	53,452,213.52	53,452,213.52	
	STATE GROSS RECEIPTS	17,015,487.00	16,996,212.00	19,275.00
	STATE CAPITAL STOCK	29,134,267.00	29,125,374.00	8,893.00
	STATE UTILITY REAL ESTATE	9,842,526.60	9,756,443.36	86,083.24
	OTHER			
409.1	INCOME TAXES	77,524,688.00	77,530,161.00	5,473.00-
	FEDERAL	26,052,365.00	26,053,684.00	1,319.00-
	STATE			
410.1	PROVISION FOR DEFERRED INCOME TAXES	146,672,244.00	146,670,594.00	1,650.00
	FEDERAL	36,328,593.00	36,328,545.00	48.00
	STATE			
411.1	PROVISION FOR DEFERRED INCOME TAXES - CREDIT	182,869,087.73-	182,866,999.73-	2,088.00-
	FEDERAL	46,156,033.41-	46,155,481.41-	552.00-
	STATE			
411.4	INVESTMENT TAX CREDIT ADJUSTMENT-NET	21,937,384.00	21,947,404.00	10,020.00-
	TOTAL UTILITY OPERATING EXPENSES	985,709,341.89	978,583,526.07	7,125,815.82
	NET UTILITY OPERATING INCOME	229,990,749.98	229,725,441.00	265,308.98
	OTHER INCOME AND DEDUCTIONS			
	OTHER INCOME	41,055.59-		
418	NONOPERATING RENTAL INCOME			
418.1	EQUITY IN EARNINGS OF SUBSIDIARY COMPANIES	537,706.18-		
419	INTEREST AND DIVIDEND INCOME	1,684,179.51		
419.1	ALLOWANCE FOR EQUITY FUNDS USED DURING CONSTRUCTION	79,420,251.14		
421	MISCELLANEOUS NONOPERATING INCOME	50,112.23		
421.1	GAIN ON DISPOSISION OF PROPERTY	70,542.78		
	TOTAL OTHER INCOME	80,646,323.89		
	OTHER INCOME DEDUCTIONS	17,271.56		
421.2	LOSS ON DISPOSITION OF PROPERTY	750,637.48		
426	MISCELLANEOUS INCOME DEDUCTIONS	$ 767,909.04		
	TOTAL OTHER INCOME DEDUCTIONS			

PENNSYLVANIA POWER & LIGHT COMPANY

STATEMENT OF INCOME

TWELVE MONTHS ENDED JULY 31,1982(a)

ACCT. NO.		TOTAL	ELECTRIC	STEAM HEAT
	OTHER INCOME AND DEDUCTIONS (CONTINUED)			
	TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS			
408.2	TAXES OTHER THAN INCOME TAXES	$ 86,460.17		
409.2	INCOME TAXES			
	FEDERAL	60,219,200.00-		
	STATE	15,445,583.50-		
	TOTAL TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS	75,578,323.33-		
	NET OTHER INCOME AND DEDUCTIONS	155,456,738.18		
	INCOME BEFORE INTEREST CHARGES	385,447,488.16		
	INTEREST CHARGES			
427	INTEREST ON LONG-TERM DEBT	230,789,712.10		
428	AMORTIZATION OF DEBT DISCOUNT AND EXPENSE	1,093,961.59		
429	AMORTIZATION OF PREMIUM ON DEBT-CREDIT	48,675.12-		
431	OTHER INTEREST CHARGES	31,935,272.53		
432.1	ALLOWANCE FOR BORROWED FUNDS USED DURING CONSTRUCTION	138,958,081.57-		
	NET INTEREST CHARGES	124,812,189.53		
	NET INCOME	$ 260,635,298.63		

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

Q. 43. If a company's business extends into different states or jurisdictions, then statements must be shown listing Pennsylvania jurisdictional data, other state data, and federal data separately and jointly (Balance sheets and operating accounts).

A. 43. The Commission's Order in Docket No. R-80031114 provided that future retail rate filings by PP&L should be on a Pennsylvania jurisdictional basis only. This filing has been prepared in compliance with that order. Total system measures of value and components of operating income have been allocated between Federal and Pennsylvania jurisdictions and the proposed revenue increase has been determined on a Pennsylvania jurisdictional basis.

Q. 44. Ratios, percentages, allocations and averages used in adjustments must be fully supported and identified as to source.

A. 44. Ratios, percentages, allocations, and averages used in adjustments are fully explained in Exhibits Historic 1 and Future 1.

Q. 45. Provide an explanation of any differences between the basis or procedure used in allocations of revenues, expenses, depreciation and taxes in the current rate case and that used in the prior rate case.

A. 45. The differences between the basis or procedures for depreciation are explained in Exhibits DSH 1, DSH 2, JOB 1 and JOB 2. The basis used in allocations of revenues, expenses and taxes are similar to those used in PP&L's prior proceeding at Docket No. R-811636.

Q. 46. Supply a copy of internal and independent audit reports of test year and prior calendar year, noting any exceptions and recommendations and disposition thereof.

A. 46. See Attachment III-A-46. Pages 1 through 4 provide a description of the internal auditing process and charter.

Pages 5 through 12 provide a listing of the audit reports issued by PP&L's internal audit department for the years 1980 and 1981, and the first nine months of 1982. As shown by this listing, a significant number of audits have been performed. Due to the volume of this material, the Company is not attaching copies of each report to this response but will provide specific copies on request.

Pages 13 through 15 provide a listing of the financial and third party audit reports issued by independent auditors for the years 1980 and 1981. Once again, due to the volume of this material, PP&L is not attaching copies of each report to this response but will provide specific copies on request.

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Program and Reports

Auditing Division's Purpose and Organization

The Auditing Division's (Auditing) basic mission is service to management by contributing to better and more economical performance under effective controls. Auditing work includes performing management (or operational) and financial audits; preparing special financial evaluations and analyses; rendering accounting and business advice and assistance; and giving advice and assistance in the design, implementation, and change of business systems.

The Auditing Division currently consists of twenty-five employees, including a secretary. A supervisor and two clerical (union) employees reconcile all of the company's bank accounts. The audit staff is comprised of 18 auditors, directed by a manager and two audit supervisors.

All of the auditors have a minimum of a college degree, either in Business Administration, Economics, or Accounting.

Auditing Division Charter

Department Responsibilities

1. Perform independent audits and evaluations of the operations and mangement processes of Pennsylvania Power & Light Company and its wholly owned subsidiaries (PP&L). The audits and evaluations include:

   a. Reviewing and appraising the adequacy, effectiveness and application of existing accounting, financial, and other operating controls and promoting effective control at reasonable cost.

   b. Ascertaining the extent of compliance with established objectives, policies, plans, procedures, and contractual terms and commitments.

   c. Ascertaining the extent to which assets are accounted for, utilized and safeguarded from losses of all kinds.

   d. Evaluating adequacy of and conformance with established standards of performance where such exist or, in their absence, with prudent business practice.

   e. Ascertaining the reliability of management data and reports internally produced.

   f. Determining that procedures and practices being followed are free from conflicts of interest and in accordance with PP&L's Standards of Integrity.

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Program and Reports

Auditing Division Charter

g. Identifying cost saving opportunities and recommending improvements in accountability, organization, policies, plans, procedures, and other controls.

2. Counsel management on policies, procedures, and management and internal controls to the extent necessary.

3. Review proposed EDP systems and operations for adequacy of controls and effectiveness.

4. Perform investigations into known or suspected acts of fraud, conflicts of interest and acts of a possible criminal nature involving PP&L operations. Generally, audits are not primarily or specifically designed, and cannot be relied upon, to disclose defalcations and other similar irregularities, although their discovery may result.

5. Based on audit findings, independently measure the quality of performance maintained by employees in completing assigned responsibilities.

6. Monitor and assist in guiding the corporate performance and improvement information systems.

7. Maintain liaison and coordinate audit activities with the external audit agencies, as necessary, to avoid unnecessary duplication, to provide efficient and effective audit control and to ascertain the status and results of the audits.

8. Serve the Audit Committee of the Board of Directors by reporting the status and results of internal and third party audits, by reporting specific conditions and problems of a significant nature, if necessary, by being perceptive and responsive to the role and responsibilities of the Committee, and by participating in all Committee meetings.

9. Perform such other duties as the President and Chief Executive Officer, and the Chairman of the Audit Committee of the Board of Directors may from time to time delegate.

Department Standards

The Auditing Division coordinates its activities with others to best achieve (1) audit goals and objectives and (2) the goals of PP&L.

In performing the audit activities and responsibilities, Auditing adheres to the generally accepted auditing standards as advocated by the Institute of Internal Auditors in Standards for the Professional Practice of Internal Auditing. This standard, in addition to other

Auditing Division Charter

audit guidelines as outlined in the Auditing Division Manual, forms the basis for audit work.

While having due regard for the limit of their technical skills, managers assigned to the Auditing Division promote the internal auditing standards to end of advancing the interests of PP&L.

Department Code of Ethics

Auditing recognizes that ethics are an important consideration in the practice of internal auditing and that the moral and business principles followed by its auditors should be formalized. Auditors have a responsibility to conduct themselves so that their good faith and integrity should not be open to question. Accordingly, in addition to being bound by PP&L's Standards of Integrity, Auditing has generally adopted the Code of Ethics advocated by the Institute of Internal Auditors and requires its auditors to:

1. Exercise honesty, objectivity, and diligence in the performance of duties and responsibilities.

2. In holding the trust of PP&L, exhibit loyalty in all matters pertaining to the affairs of PP&L or to whomever they may be rendering a service. However, they will not knowingly be a party to any illegal or improper activity.

3. Refrain from entering into any activity which may involve a conflict of interest or which would prejudice their ability to objectively carry out duties and responsibilities.

4. Refrain from accepting a fee or a gift from an employee, a client, a vendor, a contractor, a customer, or a business associate of PP&L.

5. Be prudent in the use of information acquired in the course of their duties. They will use confidential information neither for any personal gain nor in a manner which would be detrimental to the welfare of PP&L.

The foregoing Code of Ethics constitutes the philosophical foundation upon which audits are conducted and is intended as a broad guideline recognizing that individual judgement is required in its application.

Department Authority

The Auditing Division has the authority to inspect records and property at any location and may make direct contacts with any level of management concerned with an audit. Such audit work may be conducted at any reasonable time and without necessarily notifying PP&L personnel in advance.

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Program and Reports

Auditing Division Charter

The functions of the Auditing Division are predominantly staff and advisory. Therefore, it does not exercise direct authority over the personnel in the organization whose work is under audit review. Also, the internal audit staff's work of reviewing, reporting, and appraising established policies, plans, and procedures does not in any way relieve operating line department personnel of responsibilities assigned to them.

Relationship With Other Departments

Managers responsible for activities under review (auditees) are expected to render assistance that will facilitate the progress of the audit and to respond in writing to the Auditing Division's recommendations within a reasonable length of time as determined by the Manager - Auditing.

Auditing reviews its findings and recommendations with the auditee before issuing a report. The formal narrative report is based on fully documented workpapers, notes and other material, and is reviewed by the Manager - Auditing before the final audit report is released. The report includes the auditee's views and comments, wherever a major disagreement exists.

Reporting

The Manager - Auditing functionally is under the direct supervision of the President and Chief Executive Officer, from whom he also receives general administrative direction. To the extent he deems necessary, he shall have direct access to the Audit Committee of the Board of Directors. At least annually he will report the results of the internal and third party auditing activities to the Audit Committee.

The Financial Department and Auditing are committed to maintain open communication by exchanging financial, accounting, and internal accounting control information freely and by coordinating manpower planning, utilization and development.

PENNSYLVANIA POWER & LIGHT COMPANY

INTERNAL AUDITING REPORTS ISSUED IN 1982

Audit Reference Number	Date Issued	Title
682-81	2/5/82	Report on the Review of the November 18, 1981 Physical Oil Inventory
886-82	2/10/82	Report on Investigation of the ASLB Allegations - Ms. Lori Matash - Confidential
681-82	3/1/82	Report on the Review of the October 1981 Aerial Coal Stock Survey
911-82	3/31/82	Report on Audit of PP&L's Backcharge Process - Susquehanna SES
716-82	5/5/82	Fifth Report on Audit of Bechtel Home Office Billings - Susquehanna SES Project
970-82	5/6/82	Report on Audit of Accounts Payable Section
914-82	6/24/82	Report on Audit of Nuclear Department Consultants
711-82	6/28/82	Report on Review of Bechtel Field Costs and Field Procurement Approval Procedures
714-82	7/12/82	Audit of the Receiving and Accounting Process For Initial Fuel Load - Unit 1 - Susquehanna SES
801-81	8/12/82	Report on Audit of Building Department
605-82	8/12/82	Report on the Audit of the Harrisburg Customer Service Department
888-82	8/19/82	Report on Investigation of Allegations - Thomas H. Pickering
908-82	9/3/82	Report on Audit of Warranties and Performance Guarantees - Susquehanna SES
744-82	9/9/82	Audit of Employee Expenses, Advances, and Equity Loans
802-82	9/9/82	Report on the Audit of the Agreements Paid Through the Rent & Service Roll Payment Sub-System

PENNSYLVANIA POWER & LIGHT COMPANY

INTERNAL AUDITING REPORTS ISSUED IN 1982

Audit Reference Number	Date Issued	Title
680-82	9/10/82	Report on Audit of Benjamin Coal Company
685-82	9/30/82	Report on Audit of Associated Drilling, Incorporated Coal Contract
623-82	9/30/82	Report on Audit of M&S Inventory - Elizabethville Storeroom
637-82	10/1/82	Report on Audit of M&S Inventory - Frackville Storeroom
668-82	10/21/82	Report on the Review of the Minor and Exempt Material Valuation
655-82	10/28/82	Report on Audit of Plant Materials and Supplies Inventory - Holtwood Hydro Plant

PENNSYLVANIA POWER & LIGHT COMPANY

INTERNAL AUDITING REPORTS ISSUED IN 1981

Audit Reference Number	Date Issued	Title
792-2-80	1/13/81	Report on the Audit of Selected Capital Projects
792-1-80	1/14/81	Report on the Audit of Selected Capital Projects
681-80	1/27/81	Report on the Review of the October 1980 Aerial Coal Stock Survey
682-80	1/27/81	Report on the Review of the November 20, 1980 Physical Oil Inventory
654-80	1/28/81	Report on Audit of Material and Supplies Inventory - Sunbury Steam Electric Station
904-80	1/30/81	Report on Disposal of Surplus Materials and Bechtel Field Procurement
673-81	2/12/81	Report on Audit of Nuclear Fuel Procurement and Management
785C-81	2/24/81	Report on Audit of the Construction Department's Tool Function
695-81	3/25/81	Report on the Audit of Role of Environmental Projects Section in the Air Quality Projects at Brunner Island and Holtwood SES
910-81	3/26/81	Report on Review of Peabody & Wind Claims Settlement - Susquehanna SES
783-80	3/27/81	Report on Audit of Engineering Services
640-80	4/7/81	Report on Audit of System Inventory Control
710-81	4/7/81	Report on Proposed Disposal of Surplus Materials - Shop Fabricated Piping Order P-1AC - ITT Grinnell Industrial Piping, Inc. - Susquehanna SES Project

PENNSYLVANIA POWER & LIGHT COMPANY

INTERNAL AUDITING REPORTS ISSUED IN 1981

Audit Reference Number	Date Issued	Title
710-2-81	4/21/81	Report on Audit of Bechtel Purchase Order with Comsip Customline Corp. (Control Panels Order J-5AC) - Susquehanna SES Project
785-81	4/23/81	Report on Audit of the Distribution Department Tool Function
903-81	6/3/81	Report on the Second Audit of Susquehanna SES Construction Site Security
744-81	6/5/81	Audit of Employee Expenses, Equity Loans and Advance Balances
680-81	6/10/81	Audit of Benjamin Coal Company
946-81	6/24/81	Report on Audit of Computerized Investor Services Processing
632-81	6/25/81	Report on Audit of Materials and Supplies Inventory - Scranton Storeroom
786-81	7/10/81	Audit of Uses and Cost of Data Resources, Inc.
855-81	7/21/81	Report on Audit of the Nuclear Support Group - Environmental's Contracting Practices
710-2-81	8/27/81	Second Report on Audit of Disposal of Surplus Material Shop Fabricated Piping Order P-1AC - ITT Grinnell Industrial Piping, Inc. - Susquehanna SES
790-81	9/9/81	Report on the Audit of Distribution Engineering and Development
909-81	9/11/81	Report on Audit of Bechtel Power Corporation's Backcharge Process - Susquehanna SES
797-81	9/14/81	Report on Audit of the Right-of-Way Department

PENNSYLVANIA POWER & LIGHT COMPANY

INTERNAL AUDITING REPORTS ISSUED IN 1981

Audit Reference Number	Date Issued	Title
624-81	9/29/81	Report on Audit of Materials and Supplies Inventory - Montoursville Storeroom
789-81	10/1/81	Audit of Rent and Service Roll Payment Sub-System
710-3-81	10/5/81	Report on Audit of Bechtel's Process for Confirming Qualifications of Temporary Site Personnel - Susquehanna SES Project
664-81	10/23/81	Report on Audit of Billing Activities - Scrap Sales
794-81	11/4/81	Report on Audit of the Montour SES Floriculture Project
633-81	11/10/81	Report on Audit of Materials and Supplies Inventory - Hazleton Storeroom
793-81	11/23/81	Report on Audit of Community Antenna Television (CATV) Activities
795-81	11/30/81	Report on the Audit of the Distribution Department's Daily Time Reporting System
626-81	12/23/81	Report on Audit of Materials and Supplies Inventory - Sunbury Storeroom
634-81	12/23/81	Report on Audit of Materials and Supplies Inventory - Stroudsburg Storeroom
685-81	12/31/81	Report on Audit of Associated Drilling Incorporated Coal Contract Cost Components

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Reports Issued in 1980

Audit Reference Number	Date Issued	Title
654-79	1/9/80	Report on Audit of Materials and Supplies Inventory - Sunbury SES
780-80	1/16/80	Personnel Audit - Personnel Placement and Employee Relations
774-79	1/16/80	Audit of Allowance for Funds Used During Construction (AFUDC)
764-79	1/17/80	Report on Evaluation of Internal Accounting Controls
663-79B	1/18/80	Report on Audit of Diesel Fuel Inventory - Construction Locations
711-79	1/21/80	Second Report on Audit of the Shop Fabricated Piping Order - ITT Grinnell Industrial Piping, Inc. - SSES Project
663-79A	1/23/80	Report on Audit of Diesel Fuel Inventory
681-79	1/23/80	Report on the Review of the October 1979 Aerial Coal Stock Survey
731-79	1/29/80	Report on Audit of the Productivity Improvement Program
777-79	2/1/80	Hershey Electric Audit Report Letter
685-80	2/11/80	Audit of Proposal Costs of Coal From Associated Drilling, Inc.
880-80	2/22/80	Report on the Review of PP&L Proprietary Lock Cylinders and Keys at the Elizabethville Service Center and the Control of Company Issued Keys
772-1-80	2/22/80	Audit of Construction Department's Performance Management Activities
681-79	2/22/80	Report on the Review of the December 31, 1979 Physical Oil Inventory
905-80	2/28/80	Report on Audit of PP&L Nuclear Quality Assurance Section - Susquehanna SES Project
643-80	4/7/80	Report on Audit of Material and Supplies Inventory - Northern Division - Imprest Locations

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Reports Issued in 1980

Audit Reference Number	Date Issued	Title
883-80	4/16/80	Report on Investigation of Allegations Concerning a Manager's Security Clearance
906-80	4/21/80	Report on Audit of General Electric Backcharges for the Advanced Control Room and Power Generation Control Complex
903-80	4/24/80	Report on Audit of Susquehanna SES Construction Site Security
642-80	6/4/80	Report on Audit of Materials and Supplies Inventory - Central Division Distribution Imprests
672-80	6/16/80	Report on Audit of Uranium Resource and Development Company (URADCO)
778-80	6/19/80	Report on Audit of the Service Coordination System
784-80	6/19/80	Audit of Investor Services
776-80	7/1/80	Report on the Audit of Uninterruptable Power Supply Project
945-80	7/3/80	Report on Audit of Computerized Leased Equipment System
881-80	7/9/80	Report on Audit of AC&S Inc. Insulation Subcontract - Susquehanna SES Project
783-80	7/10/80	Report on Audit of Telecommunications
610-80	7/11/80	Report on Audit of Division Metering
659-80	7/18/80	Report on Audit of Materials and Supplies Inventory - Wallenpaupack Hydro Plant
645-80	7/21/80	Report on Audit of M&S Inventory - Harrisburg Division - Imprest Locations
607-80	8/26/80	Report on Audit of Northern Division Customer Service Department
907-80	8/28/80	Report on Audit of Major Bechtel Subcontracts - Susquehanna SES Project
772-2-80	9/5/80	Audit of Power Production Department's Performance Management Activities

PENNSYLVANIA POWER AND LIGHT COMPANY
Internal Auditing Reports Issued in 1980

Audit Reference Number	Date Issued	Title
882-80	9/11/80	Report on Audit of Personnel Department's Training and Development Section
693-80	10/16/80	Report on Financial Review of Peabody & Wind Engineering Company - SSES Project - Confidential
776-1-80	10/27/80	Report on Audit of the Capital Budget
668-80	10/30/80	Report on Review of the Minor and Exempt Material Valuation
680-80	10/30/80	Report on Audit of Benjamin Coal Co. - 1979 Pass-Through Costs and Price Adjustments
662-80	10/31/80	Report on Confirmation of Leased Equipment
773-79	11/25/80	Report on the Audit of SP&E Engineering Material and Equipment Procurement Practices
669-80	12/18/80	Report on Audit of Plant Materials and Operating Supplies - Meter Parts - Floor Stock
907-1-80	12/22/80	Report on Audit of the Research Cottrell (Cooling Towers) Subcontract with Bechtel Power Corporation - Susquehanna SES
602-80	12/29/80	Report on Audit of Central Division Customer Service Department

PENNSYLVANIA POWER AND LIGHT COMPANY
Independent Audits - 1981

I. Financial Audits

Audit of PP&L Financial Statements	Deloitte Haskins & Sells
Audit of PP&L Retirement Plan	Deloitte Haskins & Sells
Audit of Pennsylvania Mines Corporation Retirement Plan	Deloitte Haskins & Sells
Audits of PP&L Interconnection Activities	Peat, Marwick, Mitchell & Co.
Audit of PP&L Employee Stock Ownership Plan	Deloitte Haskins & Sells
Audit of Pennsylvania Mines Corporation Black Lung Benefit Trust	Deloitte Haskins & Sells
Audit of PP&L Employees' Savings Plan	Deloitte Haskins & Sells
Audit of Pennsylvania Mines Corporation Employees' Savings Plan	Deloitte Haskins & Sells
Audit of Internal Accounting Controls - PP&L's Insurance Department	Ernst & Whinney

Audit of Subsidiary Financial Statements

Interstate Energy Company	Deloitte Haskins & Sells
Lady Jane Collieries, Incorporated	Deloitte Haskins & Sells
Pennsylvania Mines Corporation and Subsidiary Companies	Deloitte Haskins & Sells
Safe Harbor Water Power Corporation	Price, Waterhouse & Co.
Service Development Corporation	Deloitte Haskins & Sells
Arcadia Company, Inc.	Deloitte Haskins & Sells

Audits of Keystone and Conemaugh Steam Stations	Peat, Marwick, Mitchell & Co.
Audit of Merrill Creek Reservoir Project Activity	Ernst & Whinney

II. Management Reports Resulting From Financial Audits

PP&L Financial Statements	Deloitte Haskins & Sells
Pennsylvania Mines Corporation Financial Statements	Deloitte Haskins & Sells

III. Third Party Management Audits

An Historical Assessment of the Susquehanna SES Nuclear Project - An Update	Management Analysis Company

PENNSYLVANIA POWER AND LIGHT COMPANY
Independent Audits - 1980

I. Financial Audits

Audit of PP&L Financial Statements	Deloitte Haskins & Sells
Audit of PP&L Retirement Plan	Coopers & Lybrand
Audit of Pennsylvania Mines Corporation Retirement Plan	Coopers & Lybrand
Audits of PP&L Interconnection Activities	Peat, Marwick, Mitchell & Co.
Audit of PP&L Employee Stock Ownership Plan	Coopers & Lybrand
Audit of Pennsylvania Mines Corporation Black Lung Benefit Trust	Coopers & Lybrand
Audit of PP&L Employees' Savings Plan	Coopers & Lybrand
Audit of Pennsylvania Mines Corporation Employees' Savings Plan	Coopers & Lybrand

Audit of Subsidiary Financial Statements

Interstate Energy Company	Deloitte Haskins & Sells
Lady Jane Collieries, Incorporated	Deloitte Haskins & Sells
Pennsylvania Mines Corporation and Subsidiary Companies	Deloitte Haskins & Sells
Safe Harbor Water Power Corporation	Price, Waterhouse & Co.
Service Development Corporation	Deloitte Haskins & Sells

Audits of Keystone and Conemaugh Steam Stations	Peat, Marwick, Mitchell & Co.
Audit of Merrill Creek Reservoir Project Activity	Ernst & Whinney

II. Management Reports Resulting From Financial Audits

PP&L Financial Statements	Deloitte Haskins & Sells
Keystone and Conemaugh Steam Station Activities	Peat, Marwick, Mitchell & Co.
Interconnection Activities	Peat, Marwick, Mitchell & Co.
Pennsylvania Mines Corporation Financial Statements	Deloitte Haskins & Sells
Lady Jane Collieries, Inc. Financial Statements	Deloitte Haskins & Sells
Safe Harbor Water Power Corporation Financial Statements	Price Waterhouse & Co.
Merrill Creek Reservoir Project Activity	Ernst & Whinney

PENNSYLVANIA POWER AND LIGHT COMPANY
Independent Audits - 1980

III. Third Party Management Audits

An Historical Assessment of the Susquehanna SES Nuclear Project	Management Analysis Company
Corporate Safety Program	National Loss Control Service Corporation

Q. 47. Submit a schedule showing rate of return on facilities allocated to serve wholesale customers.

A. 47. The Commission's Order in Docket No. R-80031114 provided that future retail rate filings by PP&L should be on a Pennsylvania jurisdictional basis only. This filing is submitted in accordance therewith. Total system measures of value and components of operating income have been allocated between Federal and Pennsylvania jurisdictions and the proposed revenue increase has been determined on a jurisdictional basis.

Q. 48. Provide a copy of the latest capital stock tax report and the latest capital stock tax settlement.

A. 48. Attachment III-A-48 contains a copy of the latest Pennsylvania capital stock tax report (year 1980) and a settlement notice by the Department of Revenue of that return which was accepted as filed.

PENNSYLVANIA CORPORATE TAX REPORT

RCT-101 (9-80)

☐ FIRST REPORT (Newly incorporated or franchised)
☐ LAST REPORT (Going out-of-existence)
☐ AMENDED REPORT
☐ INACTIVE REPORT
☐ COVERS LESS THAN A FULL 12-MONTH PERIOD
☐ COMPOSITE TAX REPORT
☑ FILED UNDER AN EXTENSION

TAX YEAR BEGINNING	TAX YEAR ENDING
Jan. 1 1980	Dec. 31 1980

BOX NO.	FED. EMPLOYER I.D. NO.
0280-166	23-0959590

BUSINESS NAME: Pennsylvania Power & Light Company

A COMPUTATION OF ☑ CAPITAL STOCK ☐ FRANCHISE TAX BY TAXPAYER (CHECK APPLICABLE BLOCK)

Proportion of Taxable Assets or Apportionment Percentage	Value of Capital Stock as Appraised by Officers of Company	Taxable Value of Capital Stock .97638429	RATE	TAX	Penalty (See Instructions)	TOTAL
3,939,155,235 / 4,034,431,204	X 1,480,000,000	= 1,445,048,749	X .010	(Rounded) 14,450,487	+	= 14,450,487

B COMPUTATION OF LOANS TAX BY TAXPAYER

Taxable Indebtedness	RATE		Treasurer's Commission	TAX	Penalty (See Instructions)	TOTAL
56,726,121.43	X .004	= 226,904.49	— 1,184.52	(Rounded) 225,720	+	= 225,720

C COMPUTATION OF ☑ CORPORATE NET INCOME (CNI) ☐ CORPORATION INCOME TAX (CIT) BY TAXPAYER

1. Income (from line 28 of copy of Federal Form 1120 — MUST BE ATTACHED)	18,945,237	
2. (a) Corp. Dividend recd. $ 250,000 + (b) Int. on U.S. Securities $ ____ + (c) Other adjustments (Submit Schedule) $ 862,215 DESCRIPTION Sch. I - Fed 1120	1,112,215	
3. Line 1 less Line 2	17,833,022	
4. Tax Preference Items (Per Instructions - Federal Form 4625 must be attached)	(34,610)	
5. If entire business is transacted in Pa., reflect Pa. Corporate Net Income Tax (See Instructions)	1,839,385	
6. Taxable Income (Line 3 plus Lines 4 and 5). (Rounded)	19,637,797	
7. Tax 10½% of Line 6	2,061,969	2,061,969
8. If entire business is not transacted in Pa., enter here the total of Lines 3 and 4		
9. Total Non-Business Income (or Loss) (Table 4, Total of Column 3)		
10. Income to be apportioned (Line 8 plus Loss or Minus Income Reflected on Line 9)		
11. Apportionment Percentage (from computation below)		
12. Income apportioned to Pennsylvania (Line 10 x Line 11)		
13. Non-Business Income Allocated to Pennsylvania (Table 4, Total of Column 1)		
14. Add Income or Deduct loss reflected on Line 13 to or from Line 12		
15. Pennsylvania Corporate Net Income Tax (See Instructions)		
16. Pennsylvania Taxable Income (Line 14 plus Line 15)		
17. (a) Tax 10½% of Line 16		
(b) Penalty (See Instructions)		
18. Total Tax and Penalty		

D APPORTIONMENT PERCENTAGES

	CAPITAL STOCK/FRANCHISE TAX	C. N. I. TAX/C. I. T.
1. (A) AVERAGE VALUE OF TANGIBLE PROPERTY IN PA.		
(B) AVERAGE VALUE OF ALL TANGIBLE PROPERTY		
2. (A) PAYROLL ASSIGNABLE TO PA.		
(B) TOTAL PAYROLL		
3. (A) SALES ASSIGNABLE TO PA.		
(B) TOTAL SALES EVERYWHERE		
4. Total of Items 1, 2 and 3	4.	4.
5. Apportionment Factor Line 4 Divided by 3	5.	5.

If only 2 of the above proportions apply, divide by 2. If only 1 of the above proportions applies, divide by 1. Carry out decimal 6 places.

I hereby affirm under penalties prescribed by law that this report *(including any accompanying schedules and statements)* has been examined by me and to the best of my knowledge and belief is a true, correct and complete report. If prepared by a person other than taxpayer, his declaration is based on all information of which he has any knowledge.

SIGNATURE OF OFFICER OF COMPANY	INDIVIDUAL OR FIRM SIGNATURE OF PREPARER	PHONE NUMBER
(Signed) D. J. Trego		
TITLE Assistant Treasurer	DATE 10/9/81	TITLE / DATE / ADDRESS

SCHEDULE LT — CORPORATE LOANS TAX INFORMATION

Page

Foreign Corporations — Start with Question 1
Domestic Corporations — Start with Question 2

1. *(FOREIGN CORPORATIONS ONLY)* DID YOUR CORPORATION HAVE A TREASURER OR OTHER FISCAL OFFICER RESIDENT IN PENNSYLVANIA AND PAYING INTEREST ON INDEBTEDNESS OF THE CORPORATION? — ☐ YES ☐ NO

2. DID YOUR CORPORATION HAVE INDEBTEDNESS OUTSTANDING TO INDIVIDUAL RESIDENTS OF PENNSYLVANIA AND/OR TO PARTNERSHIPS RESIDENT IN PENNSYLVANIA? — ☒ YES ☐ NO

3. DID YOUR CORPORATION HAVE INDEBTEDNESS OUTSTANDING HELD BY A TRUSTEE, AGENT OR GUARDIAN FOR A RESIDENT INDIVIDUAL TAXABLE IN ITS OWN RIGHT OR BY AN EXECUTOR OR ADMINISTRATOR OF AN ESTATE WHEREIN THE DECEDANT WAS A RESIDENT OF PENNSYLVANIA? — ☒ YES ☐ NO

IF THE ANSWERS TO QUESTION 2 AND/OR 3 WERE *"YES"*, CONTINUE BELOW.

4. AMOUNT OF INTEREST ACTUALLY PAID ON THE INDEBTEDNESS IN QUESTION 2 OR 3 DURING THE TAX YEAR REPORTED	5. RATE OF INTEREST APPLICABLE TO THE INDEBTEDNESS IN QUESTION 2 OR 3	6. NOMINAL VALUE OF TAXABLE INDEBTEDNESS *(DIVIDE 5 INTO 4)* ENTER THIS FIGURE ON PAGE 1.
4.	5. Exhibits F thru J attached	6.

IF MORE THAN ONE INDEBTEDNESS, ATTACH A SCHEDULE SHOWING BOTH THE FIGURES AND COMPUTATIONS IN 4, 5 AND 6 ABOVE FOR EACH INDEBTEDNESS.

TREASURER'S COMMISSION *(SEE PAGE 1)* IS 5% ON FIRST $1,000 OF TAX OR FRACTIONAL PART THEREOF; 1% ON AMOUNT OF TAX OVER $1,000 BUT NOT EXCEEDING $2,000; ½ OF 1% ON AMOUNT OF TAX OVER $2,000.

SCHEDULE CO — CORPORATION'S OFFICERS

Give Name and Address for Officers shown

PRESIDENT	CORPORATE PHONE NO.	VICE-PRESIDENT	CORPORATE PHONE NO.
SECRETARY	CORPORATE PHONE NO.	TREASURER	CORPORATE PHONE NO.

GENERAL INFORMATION QUESTIONNAIRE

1. LOCATION OF CORPORATION'S RECORDS: Allentown, PA
2. CORPORATIONS RECORDS IN CARE OF: Company
3. BASIS OF ACCOUNTING: Accrual
4. BASIS FOR FEDERAL TAX PURPOSES: Accrual
5. LOCATION OF PRINCIPAL OFFICE: Two North Ninth Street, Allentown, PA 18101
6. HAS FED. GOV. CHANGED TAXABLE INCOME AS ORIGINALLY REPORTED FOR ANY PRIOR YEAR FOR WHICH REPORTS OF CHANGE HAVE NOT BEEN FILED IN PA.? GIVE YEAR (S): No
7. NAME AND BOX NUMBER OF ANY CORPORATION HOLDING ALL OR A MAJORITY OF THE STOCK OF THIS CORPORATION: None

OTHER CORPORATIONS OF WHICH THIS CORPORATION OWNS ALL OR A MAJORITY OF THE STOCK.

NAME	FILE IN PA.?	BOX NUMBER
Hershey Electric Company (Merged 3/1/80 into PP&L)	Yes	0655-078
Realty Company of Pennsylvania	Yes	1748-061
Interstate Energy Company	Yes	2983-717
Service Development Company	Yes	8886-222
The Arcadia Coal Company	Yes	1435-212
Pennsylvania Mines Corporation	Yes	9010-362

IF ANNUAL REPORT TO STOCKHOLDERS HAS BEEN PREPARED, SUBMIT SAME WITH THIS REPORT.

SCHEDULE LB LOCATION OF BUILDINGS AND LAND *(Titled in the Corporation's Name within Pennsylvania)*

OWNED / RENTED	STREET ADDRESS	CITY	COUNTY

SCHEDULE SS CAPITAL STOCK *(MUST BE COMPLETED)*

CLASS	PAR PER SHARE	No. Shares Outstanding *(Issued and not held by the company in treasury)*	SELLING PRICE DURING YEAR			MEAN / WEIGHTED	NO. OF SHARES TRADED
			HIGHEST	LOWEST	AVERAGE		
COMMON							
PREFERRED			See	Schedule C	Attached		

AMOUNT PAID IN ON SAID STOCK		ANY ISSUE SINCE LAST REPORT	ANY RETIREMENT SINCE LAST REPORT
IN CASH		DATE See Schedule C Attached	DATE
IN PROPERTY		AMOUNT	AMOUNT
TOTAL		EXCHANGE(S) ON WHICH THIS STOCK IS LISTED	

SCHEDULE HE HISTORY OF EARNINGS AND DIVIDENDS *(MUST BE COMPLETED)*

CONSECUTIVE YEAR PERIOD	BOOK NET INCOME AFTER FEDERAL TAXES *(INDICATE LOSS)*	DIVIDENDS		
		IN CASH	IN KIND *	IN STOCK *
1976	59,572,132	86,693,996		
1977	93,357,000	100,812,702		
1978	71,705,951	114,339,104		
1979	66,481,463	131,882,764		
1980 **	28,418,491	157,880,489		
TOTAL	319,535,037	591,609,055		
AVERAGE	63,907,007	118,321,811		

Adjusted Exhibit E

* GIVE DESCRIPTIONS *(ATTACH ADDER)*

** THIS YEAR MUST BE IDENTICAL WITH THE YEAR FOR WHICH THIS REPORT WAS FILED.

STATEMENT IN SUPPORT OF INACTIVE REPORT

(CHECK APPLICABLE BLOCK AND FILL IN APPROPRIATE TAX YEAR (S))

☐ This Pennsylvania Corporation, to which a charter was granted by the Commonwealth of Pennsylvania, did not conduct any business, had no assets, no income, and did not exercise any corporate rights or privileges of any kind whatsoever during the tax year (s) ended _____

☐ This Foreign Corporation, chartered under the laws of a state other than Pennsylvania, did not conduct any business, own property, or exercise any corporate rights or privileges of any kind within the Commonwealth of Pennsylvania during the tax year (s) ended _____

PENNSYLVANIA CORPORATE TAX RETURN

BUREAU USE ONLY

Page 4

SETTLEMENT COMPUTATION

DATES	DLN	BOX NUMBER (WRITE LARGE)	Tax Year Beginning	Tax Year Ending
RECEIVED CALCULATED MAILED		0280-166	1-1-80	12-31-80

TO BE TYPED IN BY TAXPAYER

MAILING INSTRUCTIONS

MAIL SETTLEMENT ON ACCOUNT OF THIS REPORT TO:

Name: Keefer, Wood, Allen and Rahal

208-210 Walnut Street

Street: P. O. Box 1226

Harrisburg, PA 17108

CITY STATE ZIP CODE

(Affix below the printed adhesive label which has been supplied by the Bureau of Examination. If this report is prepared by any party other than the taxpayer, please furnish the preparer with the labels which reflect the name, address and box number of this corporate account).

Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101

DO NOT WRITE BELOW THIS LINE

☐ YELLOW
☐ PINK
☐ CNI
☐ OTHER

SETTLEMENTS — (OFFICIAL)

For the _____ year ended _____

CAPITAL STOCK/FRANCHISE TAX

Proportion of Taxable Assets		Value of Capital Stock as appraised by Dept. of Revenue		Taxable Value of Capital Stock
$	x	$	=	$
$			=	
$			=	
$			=	
$			=	

Total of Proportions _____)

Tax at rate of 10 mills (.010)

Penalty *(For failure to file report within time limit prescribed by law)*

TYPE OF TAX
☐ 01 CAPITAL STOCK
☐ 02 FRANCHISE

SELF-ASSESSED TAX

TAX DEBIT OR CREDIT

$ PENALTY DEBIT 201/2

LOANS TAX

Amount of Taxable Indebtedness $

Tax at rate of 4 mills (.004) $

Treasurer's Commission $

Tax less Commission

Penalty *(For failure to file report within time limit prescribed by law)*

TYPE OF TAX 03

SELF-ASSESSED TAX

TAX DEBIT OR CREDIT

$ PENALTY DEBIT 203

CORPORATE NET INCOME TAX OR CORPORATION INCOME TAX

$	=	
$	=	
$	=	

TOTAL OF PERCENTAGES

Apportionment percentage

Income to be apportioned $

Amount of Income apportioned to Pennsylvania $

Add:
Non Business Income Allocated to Pennsylvania $

Pennsylvania Corporate Net Income Tax $

Total taxable income in Pennsylvania $

Tax at rate of 10½% per cent

Penalty *(For failure to file report within time limit prescribed by law)*

TYPE OF TAX
☐ 04 ☐ 05

SELF-ASSESSED TAX

TAX DEBIT OR CREDIT

$ Penalty Debit (204/205)

DEPARTMENT OF REVENUE

DATE _____ FOR SECRETARY OF REVENUE _____

DEPARTMENT OF THE AUDITOR GENERAL

DATE _____ FOR AUDITOR GENERAL _____

RCT-106 (1-77) INSERT SHEET COMMONWEALTH OF PENNSYLVANIA

December 31, 1980 Pennsylvania Power & Light Company 0389-366
YEAR ENDED NAME OF COMPANY BOX NUMBER

PAGE 1 OF THIS INSERT SHEET MUST BE COMPLETED BY PENNSYLVANIA COMPANIES CLAIMING THE EXEMPTION FOR TANGIBLE AND INTANGIBLE ASSETS FOR CAPITAL STOCK PURPOSES.

PAGE 2 OF THIS INSERT SHEET MUST BE COMPLETED BY ALL COMPANIES APPORTIONING TAXABLE INCOME, BY ALL FOREIGN COMPANIES APPORTIONING CAPITAL STOCK VALUATION FOR THE FRANCHISE TAX AND BY ALL PENNSYLVANIA COMPANIES ELECTING TO COMPUTE THE TAXABLE VALUE OF CAPITAL STOCK BY USE OF THE THREE (3) FACTOR FORMULA.

COMPANIES USING THIS INSERT SHEET SHOULD STAPLE IT TO THE TOP OF PAGE 3, RCT-101.

EXEMPTION CLAIMED FOR INTANGIBLE AND TANGIBLE ASSETS (OMIT CENTS)

EXEMPT TANGIBLE ASSETS (Attach rider, if necessary)	Net Book Value – Beginning		Net Book Value – Ending		E
	A In Penna.	B Outside Penna.	C In Penna.	D Outside Penna.	Amount of Exemption Claimed for Average Value of Tangible Assets Located Outside of Penna.
1. Buildings					
2. Equipment and Fixtures					
3. Land					
4. Leasehold Improvements					
5. Motor Vehicles					
6. Rolling Stock and all other Movable Property					
7. Other Tangible Property					
8. Inventories					
TOTALS					

NOTE: If there was a substantial change during the year, attach a separate schedule explaining same in detail.

EXEMPT INTANGIBLE ASSETS (Attach rider, if necessary)	F Number of Shares or %	G Date Acquired	H Date Sold	I Held (Full) Year or No. of Days)	J Book Value	K Average Actual Value (Indicate Basis)	L Exemption Claimed
9. Stocks of Pennsylvania Corporations							
10. Stocks of Foreign Corporations (More than 50% owned)			Exhibit C Attached				
11. United States Securities							
12. Exempt State and Local Securities							
13. National Bank Shares							
14. TOTALS (For Exemption Purposes)							
NON-EXEMPT INTANGIBLE ASSETS (Attach rider, if necessary)							
15. Stocks of Foreign Corporations (Not more than 50% owned)							
16. Other Investments							
17. Total exempt and non-exempt intangible assets (Total of Col. J, lines 9 through 16 must agree with lines 4 and 8 of Balance Sheet - Federal Form 1120.)							

PORTION OF TAXABLE ASSETS (For use in Computation on Page 1) AVERAGE TAXABLE ASSETS / AVERAGE TOTAL ASSETS = $ 3,939,155,235 / $ 4,034,431,204

AVERAGE TOTAL ASSETS..... Exhibit C..... $ 4,034,431,204

Less: AVERAGE EXEMPT ASSETS – Tangibles..... $

Intangibles..... $ 10,118,344

Exhibit C Pollution Control Devices $ 85,157,625
Exhibit D (Attach Schedule)

$ 95,275,969

AVERAGE ASSETS TAXABLE IN PENNA..... $ 3,939,155,235

PENNSYLVANIA POWER & LIGHT COMPANY

1980 Pennsylvania Corporate Tax Report

DETERMINATION OF ACTUAL VALUE OF NET ASSETS

Total Assets per Schedule L	$4,302,955,781
Less:	
(1) Organization Expense (Included in Utility Plant)	646,294
(2) Value of Investments	10,977,318
Actual Value of Assets	$4,291,332,169
Total Liabilities per Schedule L	$2,310,064,446
Add:	
(3) Deferred income tax liability - liberalized depreciation	108,695,929
(4) Unfunded past service costs of pension plan	5,158,607
Actual Value of Liabilities	$2,423,918,981
Actual Value of Net Assets (12/31/80)	$1,867,413,188

(1) This amount represents organization and other intangible costs resulting from organizing the corporation and subsequent mergers, which are required by the Pennsylvania Public Utility Commission to be carried as part of Plant costs, but which, in fact, have no realizable value.

(2) Investments -

	Book Value	Actual Value
Realty Company of Pennsylvania - Stock	$ (17,645)	$ 10,000
Service Development Company - Stock	2,086,843	10,000
Pennsylvania Mines Corporation - Stock	105,033	85,001
Safe Harbor Water Power Corporation - Stock	3,783,723	3,333,333
Renovo Community Trade Association - Stock	200	0
The Arcadia Company - Stock	11,728,498	2,007,000
Interstate Energy Company - Stock	1,000	1,265,000
Total	17,687,652	$6,710,334
Less Actual Value	6,710,334	
Net Decrease in Book Value of Investments	$10,977,318	

Actual Value: Valuation per Exhibit C.

(3) This amount represents the accumulated reduction in Federal and Pennsylvania income taxes resulting from the deduction, for income tax purposes, of liberalized depreciation in excess of the depreciation provisions otherwise allowable for the years 1958-1980. The excess depreciation deduction has not been recorded on the books of the Company, but the reduced income taxes resulting therefrom have been so recorded; surplus therefore is overstated to the extent of this unrecorded amount which represents income taxes payable in the future.

(4) This amount represents the cost of including past service prior to the adoption, or resulting from amendments, of pension plans in computing retirement income to employees. This amount has not been paid to the trustee and, although not recorded on the books of account, is a real liability of employer, since the employees have an entitlement to pensions which this amount would fund.

PENNSYLVANIA POWER & LIGHT COMPANY

1980 Pennsylvania Corporate Tax Report

EXEMPTION CLAIMED FOR INTANGIBLE PROPERTY

Nature of Property	Number of Shares	Date Acquired	Date Sold	Period Held	Book Value	Actual Value	Exemption Claimed
Stocks of Pennsylvania Corporations:							
Realty Company of Pennsylvania	150	1951		Full Year	$ (17,645)	$ 10,000	$ 10,000
Service Development Company	100	12/31/66		"	2,086,843	10,000	10,000
Pennsylvania Mines Corporation	10	8/27/70		"	105,033	85,001	85,001
Safe Harbor Water Power Corporation	100,000	6/01/55		"	3,783,723	3,333,333	3,333,333
Pennsylvania Development Credit Corp.	25,000	1963		"	1	1	1
Renovo Community Trade Association	1	1947		"	200	0	0
Elizabethtown Development Corp.	70	12/12/66		"	3,500	3,500	3,500
Radiation Management Corp.	100	7/28/69		"	12,500	12,500	12,500
Hershey Electric Company	584	12/31/76	3/1/80*	60/366	5,263,849	4,700,000	770,492
The Arcadia Company	1,000	8/25/80		128/366	11,728,498	2,007,000	701,902
Interstate Energy Company	1,000	3/01/80		306/366	1,000	1,265,000	1,057,623
Total					$22,967,502	$11,426,335	$5,984,352

Notes:

Actual value of stock determined as follows:

Interstate Energy Company	Value assigned per capital stock tax report for 1980.
Realty Company of Pennsylvania	Value assigned per capital stock tax report for 1980.
Service Development Company	Value assigned per capital stock tax report for 1980.
Pennsylvania Mines Corporation	Value assigned per capital stock tax report for 1980.
Hershey Electric Company	Value assigned per capital stock tax report for 1980.
The Arcadia Company	Value assigned per capital stock tax report for 1980.
Safe Harbor Water Power Corp.	$10,000,000 per capital stock tax report for 1980 x 1/3 ownership.
All other companies	Book value, unless lesser value used in prior settlement.

Average Assets	Total	Exempt
December 31, 1979	$3,777,530,238	$14,252,335
December 31, 1980 (Exhibit B)	4,291,332,169	5,984,352
Total	$8,068,862,407	$20,236,687
Average	$4,034,431,204	$10,118,344

*merged into Pennsylvania Power & Light Company 3/1/80.

Exhibit C

PENNSYLVANIA POWER & LIGHT COMPANY

1980 Pennsylvania Capital Stock-Corporate Net Income-Loans Tax Report
Exemption Claimed For Pollution Control Facilities

	12/31/79		12/31/80	
	Cost	Reserve for Depreciation	Cost	Reserve for Depreciation
Water Pollution Facilities				
Martins Creek SES #3 - Cooling tower	$ 7,678,000	$ 1,143,638	$ 7,678,000	$ 1,397,012
Martins Creek SES #4 - Cooling tower	7,457,426	631,739	7,457,426	877,834
- Sanitary sewer	61,315	50,990	61,315	53,013
- Waste water control	3,648,962	498,760	3,648,962	619,176
- Condenser discharge	1,094,578	126,588	1,094,578	162,709
- Ash disposal(1)			3,093,418	51,041
Holtwood SES - Sanitary sewer	287,306	161,986	287,306	171,467
- Ash disposal	2,043,285	423,869	2,043,285	491,297
- Bottom ash basin	756,411	62,403	756,411	87,365
- Waste water control	1,449,723	119,602	1,449,723	167,443
Sunbury SES - Waste water control	1,757,774	145,016	1,757,774	203,023
- Ash disposal	1,832,994	1,125,927	1,832,994	1,186,416
Montour SES - Waste water control	804,705	197,046	804,705	223,601
- Ash disposal	4,490,926	1,030,510	4,490,926	1,178,711
- Sewage treatment plant	115,304	28,697	115,304	32,502
Montour SES #1 - Cooling tower	4,064,246	1,011,377	4,064,246	1,145,497
Montour SES #2 - Cooling tower	4,334,784	934,449	4,334,784	1,077,497
Brunner Island SES - Ash disposal	1,288,208	222,584	1,288,208	265,095
- Waste water control	769,293	88,969	769,293	114,356
- Sanitary sewer	517,152	8,533	517,152	25,599
Susquehanna SES - Sanitary sewer	179,674	26,762	179,674	32,691
Keystone SES - Cooling tower and waste disposal	1,778,668	653,432	1,778,668	712,128
Conemaugh SES - Waste disposal	865,089	177,220	865,089	205,768
Air Pollution Facilities				
Montour SES #1 - Precipitator	6,437,669	720,608	6,437,669	933,051
- Dust Suppression	535,567	108,696	535,567	126,370
Montour SES #2 - Precipitator	6,703,176	653,602	6,703,176	874,807
Martins Creek SES - Precipitator	2,762,756	1,150,669	2,762,756	1,241,840
- Dust Suppression	53,294	28,350	53,294	30,109
- Air Monitor Station	405,646	29,613	405,646	42,999
Sunbury SES #1 & #2 - Precipitators	5,992,368	1,628,842	5,992,368	1,826,590
Sunbury SES #3 - Precipitators	3,652,342	893,800	3,652,342	1,014,327
Sunbury SES #4 - Precipitators	4,593,059	1,143,250	4,593,059	1,294,821
Sunbury SES - Dust Suppression, etc.	301,643	92,448	301,643	102,402
Brunner Island SES #1 - Bag Filter (1)			13,465,609	222,183
Brunner Island SES #2 - Precipitators	5,408,538	1,031,507	5,408,538	1,209,989
Brunner Island SES #3 - Precipitators	3,747,918	756,446	4,333,844	889,795
Brunner Island SES - Dust Suppression	348,515	88,360	348,515	99,861
Holtwood SES - Lime Dust Suppression	70,054	10,507	70,054	12,819
- Dust Supp. - Scrubber	350,454	40,635	350,454	52,200
- Dust Supp. - Bunker	47,927	5,558	47,927	7,140
- WFI Bag Filter	3,140,180	682,263	1,888,408	472,610
- Fuller Bag Filter and Ash Removal (1)			6,697,241	110,504
Keystone SES - Precipitators	951,571	364,079	951,571	395,481
Conemaugh SES - Precipitators	1,321,784	345,826	1,321,784	389,445
Totals	94,100,284	$18,645,156	116,690,706	$21,830,584
Less - Reserve for Depreciation	18,645,156		21,830,584	
Net Value	$75,455,128		94,860,122	
Net Value - Beginning of Year			75,455,128	
Total			$170,315,250	
Average			$ 85,157,625	

(1) Initial DER certificates attached for new or revised facilities. DER certificates for all other facilities included in prior years' returns. Annual certificates no longer required.

PENNSYLVANIA POWER & LIGHT COMPANY

1980 Pennsylvania Corporate Tax Report

ADJUSTMENT OF EARNINGS

	1976	1977	1978	1979	1980
Per Books	$112,111,496	$149,763,319	$149,035,468	$182,197,922	$179,758,817
Adjustments - reducing reported earnings:					
Interest charged to construction	45,191,955	49,392,345	71,033,540	105,202,206	141,240,326
Reduction of income taxes resulting from liberalized depreciation	7,347,409	7,013,974	6,295,977	10,514,253	10,100,000
Total Adjustments	52,539,364	56,406,319	77,329,517	115,716,459	151,340,326
Earnings as Adjusted	$ 59,572,132	$ 93,357,000	$ 71,705,951	$ 66,481,463	$ 28,418,491

Exhibit E

PENNSYLVANIA POWER & LIGHT COMPANY

1980 Pennsylvania Corporate Loans Tax Report

SCHEDULE OF INDEBTEDNESS

Taxable	Interest Paid	Taxable Indebtedness
Certain Long-Term Indebtedness:		
First Period - Current Year - Exhibit G	$ 2,343,237.96	
Second Period - Current Year - Exhibit G	2,400,263.89	
Prior Years - Exhibit G	1,456.82	
Sub-total	4,744,958.67	$ 54,793,500.00
Commercial paper with trust departments of banks - Exhibit H	38,376.76	325,690.33
Customer deposits @ 9%	70,929.61	788,106.78
Property Purchase Agreements:		
5% interest	352.75	7,055.00
6% interest	20,812.82	346,880.33
7% interest	9,275.76	132,510.86
8% interest	26,590.25	332,378.13
Total		$ 56,726,121.43

Non-Taxable	
Certain Long-Term Indebtedness:	
First Period - Current Year - Exhibit G	51,546,847.64
Second Period - Current Year - Exhibit G	61,932,428.75
Prior Years - Exhibit G	24,275.87
Commercial Paper:	
Trust departments of banks - Exhibit H	2,374,684.78
A. G. Becker & Co./First Boston Corp.	14,099,608.99
7% Notes - Exhibit I	471,780.82
Promissory Notes - Exhibit I	30,049,401.68
Customer Advances - Street Lighting	28,435.78
Customer deposits	24,185.43
Customer overpayments	22,834.78
Property Purchase Agreements	19,810.87
Commitment Fees	2,447,907.23
Bank Loans	229,469.90
Use Tax Assessment	2,456.17
FERC Fuel Adj.	16,897.33
Flood Assistance Advances	8,309.75
Total	$168,210,632.39

Exhibit F

PENNSYLVANIA CORPORATE TAX RETURN
SETTLEMENT COMPUTATION

BUREAU USE ONLY — Page 4

DATES			
RECEIVED 12-13-81	DLN 81-6-00120	BOX NUMBER (WRITE LARGE) 0280-166	Tax Year Beginning 1-1-80
CALCULATED NOV 10 1981	~~81071738~~		Tax Year Ending 12-31-80
MAILED DEC-9 1981			

MAILING INSTRUCTIONS
MAIL SETTLEMENT ON ACCOUNT OF THIS REPORT TO:

BY TAXPAYER

Name Keefer, Wood, Allen and Rahal
208-210 Walnut Street
Street P. O. Box 1226
Harrisburg, PA 17108
CITY STATE ZIP CODE

(Affix below the printed adhesive label which has been supplied by the Bureau of Examination. If this report is prepared by any party other than the taxpayer, please furnish the preparer with the labels which reflect the name, address and box number of this corporate account).

Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101

DO NOT WRITE BELOW THIS LINE

☐ YELLOW
☐ PINK
☐ CNI
☐ OTHER

SETTLEMENTS — (OFFICIAL)

For the 1 year ended 12-31-80

CAPITAL STOCK/FRANCHISE TAX

Proportion of Taxable Assets	Value of Capital Stock as appraised by Dept. of Revenue	Taxable Value of Capital Stock
$ 3,939,155,235 x	$ 1,480,000,000 =	$ 1445048320
$ 4,034,431,204	=	
$	=	
$	=	
$	=	
Total of Proportions	=	

Tax at rate of 10 mills (.010) . . . TAXPAYER'S COMPUTATION ACCEPTED . . . $ 14450487.00

Penalty (For failure to file report within time limit prescribed by law) . . . NOV. 23 1981

TYPE OF TAX: ☒ 01 CAPITAL STOCK ☐ 02 FRANCHISE

SELF-ASSESSED TAX: 14,450,487.00

TAX DEBIT OR CREDIT: 0

PENALTY DEBIT 201/2

LOANS TAX

Amount of Taxable Indebtedness	$ 56,726,121
Tax at rate of 4 mills (.004)	$ 226904.48
Treasurer's Commission	$ 1184.52
Tax less Commission	

TAXPAYER'S COMPUTATION ACCEPTED

Penalty (For failure to file report within time limit prescribed by law)

TYPE OF TAX 03

SELF-ASSESSED TAX: 225720.00

TAX DEBIT OR CREDIT: 0

$ 225720.00

PENALTY DEBIT 203

CORPORATE NET INCOME TAX OR CORPORATION INCOME TAX

$ = .
$ = .
$ = .

TOTAL OF PERCENTAGES

Apportionment percentage

TYPE OF TAX: ☑ 04 ☐ 05

Income to be apportioned	$
Amount of Income apportioned to Pennsylvania	$
Add: Non Business Income Allocated to Pennsylvania	$
Pennsylvania Corporate Net Income Tax	$
Total taxable income in Pennsylvania	$ 19,637,797.00
Tax at rate of 10½% per cent	

TAXPAYER'S COMPUTATION ACCEPTED

Penalty (For failure to file report within time limit prescribed by law)

SELF-ASSESSED TAX: 2061969.00

TAX DEBIT OR CREDIT: 0

$ 2061969.00

Penalty Debit (204/205)

DEPARTMENT OF REVENUE
NOV 10 1981 Joseph K. Rudolph
Joseph K Rudolph
DATE SECRETARY OF REVENUE

DEPARTMENT OF THE AUDITOR GENERAL
NOV 25 81 Francis J. Nooney
Francis J. Nooney
DATE

Q. 49. Submit details of calculations for Taxes, Other than Income where a company is assessed taxes for doing business in another state, or on its property located in another state.

A. 49. None. Pennsylvania Power & Light Company does not do business in states other than Pennsylvania and does not own property in states other than Pennsylvania.

Q. 50. Provide a schedule of federal and Pennsylvania taxes, other than income taxes, calculated on the basis of test year per books, pro forma at present rates, and pro forma at proposed rates, to include the following categories:

a. social security
b. unemployment
c. capital stock
d. public utility realty
e. P.U.C. assessment
f. other property
g. any other appropriate categories

A. 50. A schedule of Federal and Pennsylvania taxes, other than income is set forth on Schedule B-5 of Exhibits Historic 1 and Future 1 respectively. Adjustments to these taxes are set forth on Schedules D-11 and D-15 of Exhibits Historic 1 and Future 1 respectively.

Q. 51. Submit a schedule showing for the last five years the income tax refunds, plus interest (net of taxes), received from the federal government due to prior years' claims.

A. 51. The Company did not receive any refunds of Federal income tax during the five year period January 1, 1978 through December 31, 1982.

Q. 52. Provide detailed computations showing the deferred income taxes derived by using accelerated tax depreciation applicable to post-1969 utility property increases, productive capacity, and ADR rates on property. (Separate between state and federal; also, rate used).

a. State whether tax depreciation is based on all rate base items claimed as of the end of the test year, and whether it is the annual tax depreciation at the end of the test year.

b. Reconcile any difference between the deferred tax balance, as shown as a reduction to measures of value (rate base), and the deferred tax balance as shown on the balance sheet.

A. 52. a. PP&L does not provide Deferred Income Taxes related to Accelerated Depreciation. However, through December 31, 1980 the Company did provide Deferred Taxes related to the difference in tax depreciation resulting from using Class Lives under ADR system of depreciation versus tax depreciation resulting from the use of Guideline Lives in effect prior to ADR system of depreciation. In accordance with the Commission's order adopted January 30, 1981, at Docket No. R-80031114, provisions for deferred income taxes have been terminated. Reversals of amounts deferred through December 31, 1980, were started as of January 1, 1981. The Company is deferring income taxes associated with the Accelerated Cost Recovery System (ACRS) of the Economic Tax Recovery Act of 1981 in compliance with the Commission's Order of December 18, 1981, in Docket No. R-811636.

Tax Depreciation is not based on all rate base items claimed as of the test year. Certain assets which are fully depreciated for tax purposes are included in the rate base. Also, there are differences between tax basis and book basis because certain items are currently deductible for tax purposes, e.g., capitalized taxes, interest and pension contributions.

b. Schedule C-7 of Exhibits Historic 1 and Future 1 sets forth the adjustments to the deferred tax balance per balance sheet to arrive at the deferred tax balance used to reduce measures of value.

Q. 53. Submit a schedule showing a breakdown of the deferred income taxes by state and federal per books, pro-forma existing rates, and under proposed rates.

A. 53. The requested information for the years ended July 31, 1982 and 1983 is provided in Schedule D-17 of Exhibits Historic 1 and Future 1 respectively.

Q. 54. Submit a schedule showing a breakdown of accumulated investment tax credits (3 percent, 4 percent, 7 percent, 10 percent and 11 percent), together with details of methods used to write-off the unamortized balances.

A. 54. See Attachment III-A-54 for the requested information for the years ended July 31, 1982 and July 31, 1983. PP&L is amortizing these Accumulated Investment Tax Credits to income over the weighted average book service lives (currently 33 years) for owned property which generated the credits and over composite average life of leases (currently 10 years) for leased property where credit was passed on to the Company by the lessor.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Operations
Schedule of Investment Tax Credits
Year Ended July 31, 1982

Vintage Year	Investment Tax Credits	Amortization		Unamortized Tax Credit-End of Year
		Prior to 7/31/81	Year Ended 7/31/82	
1962-70 - 3%	$12,954,138	$12,954,138		
1971 - 3%	816,637	816,637		
- 4%	1,310,563	520,480	$ 35,244	$ 754,839
1972 - 3%	28,614	28,614		
4%	7,677,413	2,638,694	232,153	4,806,566
1973 - 3%	(19,915)	(19,915)		
4%	8,049,746	2,380,688	260,100	5,408,958
1974 - 3%	8,136	8,136		
4%	3,856,067	1,216,404	156,228	2,483,435
1975 - 4%	6,755,105	1,356,303	192,708	5,206,094
10%	5,253,986	1,567,413	234,852	3,451,721
10% P.P.	10,774,894			10,774,894
1976 - 4%	3,381,636	520,287	87,924	2,773,425
10%	14,292,734	2,772,030	479,136	11,041,568
10% P.P.	20,723,713			20,723,713
1977 - 3%	(8,817)	(8,817)		306,857
4%	371,029	53,108	11,064	6,399,788
10%	7,877,956	1,214,840	263,328	17,724,140
10% P.P.	17,724,140			
1978 - 3%	(11,513)	(11,513)		
4%	(18,195)	(4,106)	(1,140)	(12,949)
10%	8,169,898	1,000,039	290,725	6,879,134
10% P.P.	20,158,705			20,158,705
1979 - 10%	11,185,346	1,295,107	377,052	9,513,187
10% P.P.	20,016,813			20,016,813
1980 - 10%	318,077		24,893	293,184
10% P.P.	Not Utilized			
1981 - 10%	Not Utilized			
10% P.P.	Not Utilized			
1982 - 10%	Not Utilized			
10% P.P.	Not Utilized			
Totals	$181,646,906	$30,298,567	$2,644,267	$148,704,072

P.P. = Represents Investment Credit from Progress Payments. Amounts shown are portions of total investment credit for a vintage year which have been utilized to reduce tax liability over a five-year period. There is no amortization until related property is placed in service.

In addition the 1% or 1.5% Investments Credits applicable to an Employee Stock Ownership Plan(ESOP)

1975	$ 754,508	Contributed to Trust in 1976
1976	2,527,929	Contributed to Trust in 1977
1977	3,022,681	Contributed to Trust in 1978-79
1978	4,910,300	Contributed to Trust in 1980-81
1979	7,122,554	Carry-forward
1980	5,306,639	Carry-forward
1981	6,684,961	Carry-forward
1982	7,311,000(Est.)	- Carry-forward

These amounts are placed in trust and used to purchase newly issued common stock for benefit of employees. There is no deferred liability and no amortization of these amounts.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Operations
Schedule of Investment Tax Credits
Year Ended July 31, 1983
(Thousands of Dollars)

Vintage Year		Investment Tax Credits	Amortization Prior to 7/31/82	Amortization Year Ended 7/31/83	Unamortized Tax Credit-End of Year
1962-70	- 3%	$ 12,954	$12,954	$	$
1971	- 3%	817	817		
	4%	1,311	556	35	720
1972	- 3%	29	29		
	4%	7,677	2,871	214	4,592
1973	- 3%	(20)	(20)		
	4%	8,050	2,641	260	5,149
1974	- 3%	8	8		
	4%	3,856	1,373	156	2,327
1975	- 4%	6,755	1,549	193	5,013
	10%	5,254	1,802	235	3,217
	10% P.P.	10,775		39	10,736
1976	- 4%	3,382	608	88	2,686
	10%	14,293	3,251	467	10,575
	10% P.P.	20,724		77	20,647
1977	- 3%	(9)	(9)		
	4%	371	64	11	296
	10%	7,878	1,478	263	6,137
	10% P.P.	17,724		61	17,663
1978	- 3%	(12)	(12)		
	4%	(18)	(5)	(1)	(12)
	10%	8,170	1,291	297	6,582
	10% P.P.	13,668		51	13,617
1979	- 10%	1,510	1,672	(162)	
	10% P.P.	Not Utilized			
1980	- 10%	Not Utilized	25	(25)	
	10% P.P.	Not Utilized			
1981	- 10%	Not Utilized			
	10% P.P.	Not Utilized			
1982	- 10%	Not Utilized			
	10% P.P.	Not Utilized			
	Totals	$145,147	$32,943	$2,259	$109,945

P.P. = Represents Investment Credit from Progress Payments. Amounts shown are portions of total investment credit for a vintage year which have been utilized to reduce tax liability over a five-year period. There is no amortization until related property is placed in service.

In addition the 1% or 1.5% Investments Credits applicable to an Employee Stock Ownership Plan(ESOP)

1975	$ 754,508	Contributed to Trust in 1976
1976	2,527,929	Contributed to Trust in 1977
1977	3,022,681	Contributed to Trust in 1978-79
1978	4,910,300	Contributed to Trust in 1980-81
1979	7,122,554	Carry-forward
1980	5,306,639	Carry-forward
1981	6,684,961	Carry-forward
1982	7,311,000(Est.)	- Carry-forward

These amounts are placed in trust and used to purchase newly issued common stock for benefit of employees. There is no deferred liability and no amortization of these amounts.

Q. 55. Submit a schedule showing the adjustments for taxable net income per books (including below-the-line items) and pro-forma under existing rates, together with an explanation of any difference between the adjustments. Indicate charitable donations and contributions in the tax calculation for rate- making purposes.

A. 55. PP&L's Federal Income Tax computation for electric operations, including applicable adjustments, for the years ended July 31, 1982 and 1983, is provided in Schedule D-16 of Exhibits Historic 1 and Future 1, respectively.

Charitable donations and contributions do not affect PP&L's operating income and therefore have no effect for ratemaking purposes.

Q. 56. Submit detailed calculations supporting taxable income before state and federal income taxes where the income tax is subject to allocation due to operations in another state or due to operation of other taxable utility or non-utility business, or by operating divisions or areas.

A. 56. Detailed calculations supporting taxable income of PP&L's Electric Department are shown in Schedule D-16 of Exhibits Historic 1 and Future 1.

Q. 57. Submit detailed calculations showing the derivation of deferred income taxes for amortization of repair allowance if such policy is followed.

(Note: Submit additional schedules if the company has more than one accounting area.)

A. 57. PP&L has not claimed any tax deductions under repair allowance. This provision was eliminated from Federal Internal Revenue Code for years after 1980.

Q. 58. Furnish a breakdown of major items comprising prepaid and deferred income tax charges and other deferred income tax credits and reserves by accounting areas.

A. 58. The requested information is provided in Attachment III-A-58 which shows the balances as of July 31, 1982 and July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Prepaid and Deferred Income Taxes
July 31, 1982

	Total	Electric Dept.	Steam Heat Dept.
Accumulated Deferred Income Taxes			
Accelerated Amortization Property			
Certified Defense Facilities	$ 537,888	537,888	
Pollution Control Facilities	2,270,535	2,270,535	
Other Property:			
Class Life Depreciation System	42,016,495	41,868,175	148,320
Removal Costs	15,181,896	15,152,041	29,855
Test Fuel	6,922,686	6,922,686	
Accelerated Cost Recovery System	4,229,674	4,228,198	1,476
Other:			
Manor Coal Plant Loss	123,436	123,436	
Stony Creek Project Termination	918,808	918,808	
Unbilled Electric Revenues	12,774,734	12,774,734	
Conversion to Monthly Billing	3,580,731	3,580,731	
Residential Conservation Svcs. Prog.	190,914	190,914	
Other	195,160	195,160	
Total Accumulated Deferred Income Taxes	$88,942,957	88,763,306	179,651

PENNSYLVANIA POWER & LIGHT COMPANY

Prepaid and Deferred Income Taxes
July 31, 1983

(Thousands of Dollars)

	Total	Electric Dept.	Steam Heat Dept.
Accumulated Deferred Income Taxes			
Accelerated Amortization Property			
Certified Defense Facilities	$ 238	$ 238	
Pollution Control Facilities	2,145	2,145	
Other Property:			
Class Life Depreciation System	41,969	41,821	$148
Removal Costs	14,402	14,375	27
Test Fuel			
Martins Creek #3 & #4	6,674	6,674	
Susquehanna	(48,094)	(48,094)	
Accelerated Cost Recovery System	128,499	128,494	5
Other:			
Manor Coal Plant Loss	35	35	
Stony Creek Project Termination	711	711	
Unbilled Electric Revenues	13,877	13,877	
Conversion to Monthly Billing	3,019	3,019	
Residential Conversation Svcs. Prog.	268	268	
Deferred Susquehanna Related Operating Costs	(11,175)	(11,175)	
Decommissioning	(229)	(229)	
Spent Fuel Disposal	(983)	(983)	
Other	281	281	
Total Accumulated Deferred Income Taxes	$151,637	$151,457	$180

Q. 59. Provide details of the Federal Surtax Credit allocated to the Pennsylvania jurisdictional area, if applicable.

A. 59. The requested information is provided in Exhibit AJB 2 and AJB 3.

Q. 60. Explain the reason for the use of cost of removal of any retired plant figures in the income tax calculations.

A. 60. Section 1.167(a)-11(d) (3) of the IRS regulations relating to ADR provide "The cost of dismantling, demolishing, or removing an asset in the process of a retirement from the vintage account shall be treated as an expense deductible in the year paid or incurred, and such costs shall not be subtracted from the depreciation reserve for the account." This applies to property acquired after December 31, 1970.

In addition, Pennsylvania Power & Light Company requested, and was granted, permission from IRS National Office, Washington, to deduct as expense all removal costs applicable to property acquired prior to January 1, 1971.

Deferred income taxes were provided on these expense deductions through December 31, 1980. In accordance with Pa. PUC Rate Order of January 30, 1981, Docket No. R-80031114, provisions for deferred income taxes have been terminated. Reversals of the amounts deferred through December 31, 1980 will continue.

Q. 61. Submit the corresponding data applicable to Pennsylvania Corporate Income Tax deferment.

a. Show the amounts of straight line tax depreciation and accelerated tax depreciation, the difference between which gave rise to the normalizing tax charged back to the test year operating statement.

b. Show normalization for both Federal and State Income Taxes.

c. Show tax rates used to calculate tax deferment amount.

A. 61. PP&L does not provide Deferred Income Taxes related to Accelerated Depreciation. However, through December 31, 1980 the Company did provide Deferred Taxes related to the difference in tax depreciation resulting from using Class Lives under ADR system of depreciation versus tax depreciation resulting from the use of Guideline Lives in effect prior to ADR system of depreciation. In accordance with the Commission's order adopted January 30, 1981, at Docket No. R-80031114, provisions for deferred income taxes have been terminated. Reversals of amounts deferred through December 31, 1980 were started as of January 1, 1981. The Company is deferring income taxes associated with the Accelerated Cost Recovery System (ACRS) of the Economic Tax Recovery Act of 1981 in compliance with the Commission's order adopted December 18, 1981 in Docket No. R-811636.

Q. 62. Provide the accelerated tax depreciation and the book depreciation used to calculate test year deferrals in amounts segregated as follows:

For: a. Property installed prior to 1970
b. Property installed subsequent to 1969 (indicate increasing capacity additions and non-increasing capacity additions).

A. 62. PP&L does not provide Deferred Income Taxes related to Accelerated Depreciation for assets acquired prior to January 1, 1981. However, through December 31, 1980, the Company did provide Deferred Taxes related to the difference in tax depreciation resulting from using Class Lives under ADR system of depreciation versus tax depreciation resulting from the use of Guideline Lives in effect prior to ADR system of depreciation. In accordance with the Commission's order adopted January 30, 1981, at Docket No. R-80031114, provisions for deferred income taxes have been terminated. Reversals of amounts deferred through December 31, 1980, were started as of January 1, 1981. The Company is deferring income taxes associated with the Accelerated Cost Recovery System (ACRS) of the Economic Tax Recovery Act of 1981 in compliance with the Commission's order adopted December 18, 1981, in Docket No. R-811636.

Q. 63. State whether all tax savings due to accelerated depreciation on property installed prior to 1970 have been passed through to income. (If not, explain).

A. 63. All tax savings due to accelerated depreciation on Pre-1970 property have been passed through to income.

Q. 64. Show any income tax loss/gain carryovers from previous years that may effect test year income taxes or future year income taxes. Show loss/gain carryovers by years of origin and amounts remaining by years at the end of the test year.

A. 64. There are no income tax loss/gain carryovers from previous years that may affect test year income taxes or future year income taxes.

Q. 65. State whether the Company eliminates any tax savings by the payment of actual interest on construction work in progress not in rate base claim.

If response is affirmative:

a. Set forth amount of construction claimed in this tax savings reduction. Explain the basis for this amount.

b. Explain the manner in which the debt portion of this construction is determined for purposes of the deferral calculations.

c. State the interest rate used to calculate interest on this construction debt portion, and the manner in which it is derived.

d. Provide details of calculation to determine tax saving reduction. State whether state taxes are increased to reflect the construction interest elimination.

A. 65. The adjustment necessary to reflect the pro forma interest charges on measures of value for the years ended July 31, 1982 and 1983, is provided in Schedule D-16 of Exhibits Historic I and Future I respectively.

Q. 66. Provide a detailed analysis of Taxes Accrued per books as of the test year date. Also supply the basis for the accrual and the amount of taxes accrued monthly.

A. 66. PP&L utilizes various methods to accrue taxes including: taxable income; estimates of annualized tax liabilities, a portion of which is recorded monthly and later adjusted per the tax returns as filed; payroll charges; and operating revenues. Tax payments during the year reduce these balances.

Taxes accrued per books as of July 31, 1982 and the monthly analysis of taxes charged to Taxes Accrued for the twelve months ended July 31, 1982 are presented on Attachment III-A-66.

PENNSYLVANIA POWER & LIGHT COMPANY

Taxes Accrued
As of July 31, 1982

Federal	
Income	$ 1,576,297
Social Security and Hospital Insurance	582,726
Unemployment Tax Act	305,344
Tax on Insurance Premiums	14,946
	2,479,313
State	
Income	$ 2,279,553
Capital Stock	-
Gross Receipts	1,786,542
Corporate Loans	12,635
Sales and Use	344,853
Unemployment Compensation Insurance	(311,876)
Tax on Insurance Premiums	36,835
Public Utility Realty	5,141,780
	9,290,322
Total Taxes Accrued	$11,769,635

PENNSYLVANIA POWER & LIGHT COMPANY

Taxes Accrued
Twelve Months Ended July 31, 1982

	Total	1981 August	September	October	November	December	1982 January	February	March	April	May	June	July
ERAL													
me	$ 17,305,488	8,105,482	(1,470,172)	544,004	(737,481)	9,774,470	629,642	692,003	368,058	23,590	(282,969)	(208,497)	(132,642)
al Security & Hospital Ins.	13,583,467	1,044,824	1,057,115	1,021,086	872,675	863,117	1,285,817	1,117,569	1,307,996	1,331,379	1,233,194	1,246,443	1,202,252
ployment Tax Act	528,363	5,952	8,229	7,909	5,274	(141,296)	211,689	292,285	88,291	28,525	10,564	5,319	5,622
Tax on Highway Motor Vehicles	741	741	-	-	-	-	-	-	-	-	-	-	-
on Insurance Premiums	47,889	-	-	-	-	-	27,752	-	2,492	-	2,699	-	14,946
Total Federal	31,465,948	9,156,999	(404,828)	1,572,999	140,468	10,496,291	2,154,900	2,101,857	1,766,837	1,383,494	963,488	1,043,265	1,090,178
E													
me	$ 10,606,782	3,339,200	(82,513)	(152,197)	-	4,950,874	1,574,284	1,731,012	905,472	29,138	(754,408)	(563,436)	(370,644)
tal Stock	17,015,487	1,333,333	1,333,333	1,333,333	1,333,333	983,820	1,528,337	1,528,333	1,528,333	1,528,333	1,528,333	1,528,333	1,528,333
s Receipts	53,452,213	3,783,589	3,569,461	3,774,582	3,749,802	4,431,190	6,107,025	5,252,410	5,465,271	4,350,724	4,212,848	4,250,319	4,504,992
orate Loans	4,455	833	(4,712)	833	833	833	837	833	833	833	833	833	833
s & Use Tax	2,399,128	168,670	211,001	205,644	189,250	210,198	198,222	176,249	202,471	212,900	202,202	202,467	219,854
ployment Compensation Insurance	1,064,493	21,242	15,417	15,057	10,144	(193,261)	707,135	235,002	226,723	(14,530)	18,615	11,453	11,496
on Insurance Premiums	37,435	-	600	-	-	-	20,814	-	1,869	-	2,942	-	11,210
latory Commission Assessment	1,374,617	106,177	106,177	122,349	122,349	122,349	114,263	114,263	114,263	114,263	114,263	114,263	109,638
lic Utility Realty	29,134,267	3,014,469	3,014,469	3,014,469	2,740,219	1,838,969	2,166,674	2,166,666	2,166,666	2,166,666	2,413,094	2,215,953	2,215,953
Total State	115,088,877	11,767,513	8,163,233	8,314,070	8,145,930	12,344,972	12,417,591	11,204,768	10,611,901	8,388,327	7,738,722	7,760,185	8,231,665
AL													
perty	336,443	55,502	78,548	23,143	23,921	27,006	18,840	10,111	14,646	15,226	17,080	19,686	32,734
chise & License	300	-	-	-	-	-	-	-	-	-	-	300	-
Total Local	336,743	55,502	78,548	23,143	23,921	27,006	18,840	10,111	14,646	15,226	17,080	19,986	32,734
Total Taxes Accured	$146,891,568	20,980,014	7,836,953	9,910,212	8,310,319	22,868,269	14,591,331	13,316,736	12,393,384	9,787,047	8,719,290	8,823,436	9,354,577

Q. 67. For the test year as recorded on test year operating statement:

a. Supply the amount of Federal income taxes actually paid.

b. Supply the amount of the Federal income tax normalizing charge to tax expense due to excess of accelerated tax depreciation over book depreciation.

c. Supply the normalizing tax charge to Federal income taxes for the 10% Job Development Credit during test year.

d. Provide the amount of the credit of Federal income taxes due to the amortization or normalizing yearly debit to the reserve for the 10% Job Development Credit.

e. Provide the amount of the credit to Federal income taxes for the normalizing of any 3% Investment Tax Credit Reserve that may remain on the utility books.

A. 67. a. The Federal income tax applicable to the electric operations for the years ended July 31, 1982 and 1983, is provided in Exhibits Historic 1 and Future 1 respectively.

b. PP&L does not provide Deferred Income Taxes related to Accelerated Depreciation; however, through December 31, 1980 the Company did provide Deferred Taxes related to difference in tax depreciation resulting from using Class Lives under ADR system of depreciation versus tax depreciation resulting from the use of Guideline Lives in effect prior to ADR system of depreciation. In accordance with the Commission's Order of January 30, 1981, in Docket R-80031114, provisions for deferred income taxes were terminated. Reversals of amounts deferred through December 31, 1980 were started as of January 1, 1981. The Company is deferring income taxes associated with the Accelerated Cost Recovery System (ACRS) of the Economic Tax Recovery Act of 1981 in compliance with the Commission's Rate Order of December 18, 1981, in Docket No. R-811636.

c&d. See response to Regulation III-A-68.

e. PP&L does not have any 3% Investment Tax Credit to be amortized.

Q. 68. Provide the debit and credit in the test year to the Deferred Taxes due to Accelerated Depreciation for Federal income tax, and provide the debit and credit for the Job Development Credits (whatever account) for test year.

A. 68. Prior to 1981, the Company recorded deferred income taxes on the difference between tax depreciation computed using the class life system and the amount computed using guideline lives. In accordance with the Commission's order adopted January 30, 1981, at Docket No. R-80031114, the Commission disallowed tax normalization on this timing difference. The Company will continue reversal of the amounts deferred through December 31, 1980; see Attachment III-A-52 for further details.

In 1981, the Company recorded deferred federal income taxes on the difference between tax depreciation computed using the accelerated cost recovery system (ACRS) and the amount computed using the class life system for 1981 property additions. Effective January 1, 1982, in accordance with the Commission's order adopted December 18, 1981 in Docket No. R-811636 the Company began to record deferred federal income taxes related to ACRS depreciation on post - 1980 property additions. The Company deferred $4,228,198 for the year ended July 31, 1982.

The provision and amortization of investment tax credits for the years ended July 31, 1982 and July 31, 1983 are presented on Attachment III-A-68.

PENNSYLVANIA POWER & LIGHT COMPANY

Investment Tax Credit
Electric Service

	July 31, 1982	July 31, 1983
Provision		
Prior years carryovers - 10%	$22,533,435	$ -
ESOP adjustment - 1.5%	(3,873)	-
Adjustments - Prior years	2,062,109	(36,500,000)
	$24,591,671	$(36,500,000)
Amortization		
Owned and leased property	(3,176,098)	(2,845,000)
Adjustments - prior years	531,831	586,000
	(2,644,267)	(2,259,000)
Net Investment Tax Credit Adjustment	$21,947,404	$(38,759,000)

Q. 69. Reconcile all data given in answers to questions on income taxes charged on the test year operating statement with regard to income taxes paid, income taxes charged because of normalization and credits due to yearly write-offs of past years' income tax deferrals, and from normalization of investment tax and development credits. (Both state and Federal income taxes.)

A. 69. Attachment III-A-69 provides the requested reconciliation of Federal and state income taxes. Page 1 furnishes the requested information for the 12 months ended July 31, 1982. Page 2 furnishes the requested information estimated for the 12 months ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Operations
Reconciliation of Federal and State Income Taxes
Year Ended July 31, 1982 (a)

	Federal	State	Total
Provision for Deferred Income Taxes:			
Class Life Depreciation (b)	$ (47,460)	$ (12,079)	$ (59,539)
Accelerated Cost Recovery System Excess Depreciation	4,228,198		4,228,198
Removal Cost (b)	37,129	9,469	46,598
Unbilled Revenues - PUC Energy Cost	14,836,989	3,784,027	18,621,016
Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	127,428,740	32,499,436	159,928,176
Residential Conservation Services Program	122,466	31,233	153,699
Research and Development Expenditures - Demonstration	64,532	16,459	80,991
Total Provision	$ 146,670,594	$ 36,328,545	$ 182,999,139
Reversals (Credits) of Deferred Income Taxes:			
Conversion to Monthly Billing	$ (444,636)	$ (113,400)	$ (558,036)
Public Utility Realty Tax Assessment	(1,822,905)	(464,914)	(2,287,819)
Extraordinary Property Losses	(165,987)	(42,496)	(208,483)
Pollution Control Facilities	(126,024)	(132)	(126,156)
Removal Costs	(626,997)	(151,376)	(778,373)
Emergency Facilities	(497,909)	(54,295)	(552,204)
Test Power - Martins Creek	(202,800)	(45,180)	(247,980)
Class Life Depreciation	(42,207)	(10,725)	(52,932)
Research and Development Expenditures - Demonstration	(28,641)	(7,309)	(35,950)
Unbilled Revenues - PUC Fuel and Energy Costs	(50,495,445)	(12,515,077)	(63,010,522)
Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	(128,413,449)	(32,750,577)	(161,164,026)
Total Credits	$(182,867,000)	$(46,155,481)	$(229,022,481)
Investment Tax Credit Adjustment:			
Charge - Current Year Credit	$ 22,533,435	$	$ 22,533,435
- Adj. Prior Years	2,058,236		2,058,236
Amortization - Current Year	(2,644,267)		(2,644,267)
Net Charge	$ 21,947,404	$	$ 21,947,404
Income Tax Expense (Payable)			
Based on Income	$ 78,487,299	$ 26,203,271	$ 104,690,570
Adj. Prior Year Taxes	(957,138)	(149,587)	(1,106,725)
Total	$ 77,530,161	$ 26,053,684	$ 103,583,845

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

(b) Adjustment of 1980 deferral recorded in September 1981 based on 1980 Federal income tax return as filed.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Operations
Reconciliation of Federal and State Income Taxes
Year Ended July 31, 1983

(Thousands of Dollars)

	Federal	State	Total
Provision for Deferred Income Taxes:			
Test Power - Susquehanna	$ 53	$ 14	$ 67
Accelerated Cost Recovery System Excess Depreciation:			
Non Susquehanna	7,353	1,002	8,355
Susquehanna	99,614	20,941	120,555
Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	133,307	33,999	167,306
Residential Conservation Services Program	61	16	77
Research and Development Expenditures - Demonstration	123	31	154
Total Provision	$ 240,511	$ 56,003	$ 296,514
Provision for Deferred Income Taxes - Credit:			
Deferred Susq. Related Operating Costs	$ (8,904)	(2,271)	(11,175)
Conversion to Monthly Billing	(448)	(114)	(562)
Spent Fuel Disposal	(783)	(200)	(983)
Decommissioning	(182)	(47)	(229)
Extraordinary Property Losses	(236)	(60)	(296)
Pollution Control Facilities	(126)	--	(126)
Removal Costs	(626)	(151)	(777)
Emergency Facilities	(270)	(30)	(300)
Test Power - Susquehanna	(38,374)	(9,787)	(48,161)
Test Power - Martins Creek	(203)	(46)	(249)
Class Life Depreciation	(37)	(10)	(47)
Research and Development Expenditures - Demonstration	(54)	(14)	(68)
Accelerated Cost Recovery System Excess Depreciation - Susquehanna	--	(4,644)	(4,644)
Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	(132,429)	(33,775)	(166,204)
Total Credits	$(182,672)	$(51,149)	$(233,821)
Investment Tax Credits Adjustment:			
Charge - Current Year Credit	$ --	$ --	$ --
- Adj. Prior Years	(36,500)	--	(36,500)
Amortization - Current Year	(2,259)	--	(2,259)
Net Charge	$ (38,759)	$ --	$ (38,759)
Income Tax Expense (Payable):			
Based on Income	$ 24,509	$ 11,246	$ 35,755
Adj. Prior Year Taxes	36,500	4,644	41,144
Total	$ 61,009	$ 15,890	$ 76,899

Q. 70. With respect to determination of income taxes, federal and state:

a. Show income tax results of the annualizing and normalizing adjustments to the test year record before any rate increase.
b. Show income taxes for the annualized and normalized test year.
c. Show income tax effect of the rate increase requested.
d. Show income taxes for the normalized and annualized test year after application of the full rate increase.

(It is imperative that continuity exists between the income tax calculations as recorded for the test year and the final income tax calculation under proposed rates. If the company has more than one accounting area, then additional separate worksheets must be provided in addition to those for total company.)

A. 70. The requested information for the years ended July 31, 1982 and 1983, is provided in Schedule D-16 of Exhibits Historic 1 and Future 1 respectively.

Q. 71. In adjusting the test year to annualized year under present rates, explain any changes that may be due to book or tax depreciation change and to debits and credits to income tax expense due to accelerated depreciation, deferred taxes, job development credits, tax refunds or other items.

(The above refers only the adjustments going from recorded test year to annualized test year.)

A. 71. The requested information for the years ended July 31, 1982 and 1983, is provided in Schedule D-16 of Exhibits Historic 1 and Future 1, respectively.

Q. 1. Provide a detailed billing analysis supporting present and proposed rates by customer classification and/or tariff rate schedule.

A. 1. See response to Regulation IV-C-3a.

Q. 2. Provide a detailed schedule of revenues from resale of electricity for test year and three preceding calendar years showing revenues and units sold by customer.

A. 2. Attachment III-D-2 provides the actual sales for resale exclusive of PUC jurisdictional Borderline Sales for the calendar years ended 1979 through 1981 and test year ended July 31, 1982. Estimated data is provided for the year ended July 31, 1983.

Pennsylvania Power & Light Company
Sales For Resale

Calendar Years Ended

	1979				1980				1981			
	Sales	Revenues			Sales	Revenues			Sales	Revenues		
FERC Resale Customer Class	KWH	Base Rate	Fuel Adjustment	Total Revenue	KWH	Base Rate	Fuel Adjustment	Total Revenue	KWH	Base Rate	Fuel Adjustment	Total Revenue
Primary 12KV and 23KV	169,935,300	$ 2,940,751	$1,571,146	$ 4,511,897	176,818,300	$ 3,060,943	$1,893,785	$ 4,954,728	179,488,300	$ 3,748,271	$2,027,138	$ 5,775,409
Transmission 66KV and above	371,469,600	5,110,687	3,273,526	8,384,213	376,916,100	5,168,306	3,828,779	8,997,085	375,138,400	6,467,078	4,018,684	10,485,762
UGI	42,237,000	1,510,202	-	1,510,202	41,806,000	1,399,962	-	1,399,962	309,323,000	9,386,250	-	9,386,250
Total	583,641,900	$ 9,561,640	$4,844,672	$14,406,312	595,540,400	$ 9,629,211	$5,722,564	$15,351,775	863,949,700	$19,601,599	$6,045,822	$25,647,421

Test Years Ended July 31

	1982				1983			
	Sales	Revenues			Sales	Revenues		
	KWH	Base Rate	Fuel Adjustment	Total Revenue	KWH	Base Rate	Fuel Adjustment	Total Revenue
Primary 12KV and 23KV	177,302,800	$ 4,868,224	$1,539,210	$ 6,407,434	172,577,000	$ 6,199,000	$1,162,000	$ 7,361,000
Transmission 66KV and above	377,703,000	8,807,284	3,122,427	11,929,711	375,750,000	11,621,000	2,401,000	14,022,000
UGI	307,232,000	11,722,239	-	11,722,239	333,245,000	12,818,000	-	12,818,000
Total	862,237,800	$25,397,747	$4,661,637	$30,059,384	881,572,000	$30,638,000	$3,563,000	$34,201,000

Attachment III-D-2

Q. 3. Provide a schedule showing residential and commercial heating sales by unit KWH, per month and degree days for same for the test year and four preceding calendar years.

A. 3. Data pertaining to residential and commercial heating sales by unit kWh are unavailable. The usage of the Company's electric heating customers is recorded on a total basis not segregated between heating and other.

Page 1 of Attachment III-D-3 provides monthly sales data for the Company's electric heating customers based on total usage (heating and other) for the calendar years 1978-1981, and for the test years ended July 31, 1982 and July 31, 1983. Page 2 of this attachment provides the calendar month degree-days for the same periods.

PENNSYLVANIA POWER & LIGHT COMPANY

Monthly Electric Sales Under Electric Heating Rates

Total KWH Sales to Residential Space Heating Customers on Rate Schedules RH and RS

	Calendar Years				Test Years Ending July 31	
	1978	1979	1980	1981 1/	1982	1983*
January	470,931,482	507,290,010	438,713,736	577,926,443	536,642,965	509,277,000
February	500,099,106	507,856,548	456,810,082	460,867,108	520,208,524	462,708,000
March	453,639,758	456,553,120	457,574,778	399,194,444	423,864,007	422,849,000
April	305,750,913	305,492,653	315,392,767	293,547,560	337,410,229	304,468,000
May	219,645,809	199,954,905	192,454,154	197,879,772	189,078,549	213,790,000
June	141,001,314	141,422,863	148,222,727	155,143,173	158,116,431	155,154,000
July	132,348,584	136,274,489	149,123,524	158,862,909	163,355,562	151,764,000
August	139,637,379	150,002,243	167,793,198	159,749,457	159,749,457	157,313,000
September	133,327,379	144,920,308	157,530,220	152,337,278	152,337,278	156,250,000
October	160,363,737	166,227,508	163,744,745	188,044,712	188,044,712	156,699,000
November	224,930,914	238,511,304	270,591,762	258,033,546	258,033,546	236,429,000
December	337,810,519	326,206,676	406,682,045	399,077,337	399,077,337	414,780,000
Total	3,219,486,894	3,280,712,627	3,324,633,738	3,400,663,739	3,485,918,597	3,341,481,000
Average Customers	138,949	150,941	162,602	173,169	177,560	183,147

Total KWH Sales to General Service Space Heating Customers on Rate Schedules GH1, GH2, GH3, and GH4

	Calendar Years				Test Years Ending July 31	
	1978	1979	1980	1981 2/	1982	1983*
January	188,017,690	175,610,418	150,356,532	179,366,981	157,399,526	148,428,000
February	185,647,878	183,682,181	155,178,533	150,988,965	160,415,993	141,702,000
March	180,220,405	167,144,092	157,573,441	131,669,578	131,072,745	131,442,000
April	126,889,106	119,935,277	113,325,809	102,295,394	104,963,573	100,206,000
May	96,519,293	91,362,508	80,621,476	77,325,748	70,178,768	74,100,000
June	83,471,750	79,187,494	71,991,212	71,976,508	59,174,712	66,006,000
July	78,872,446	73,263,662	70,737,350	71,337,790	55,491,862	61,332,000
August	83,906,664	77,907,438	78,642,780	69,654,524	69,654,524	67,830,000
September	82,248,760	76,727,691	77,829,445	66,829,526	66,829,526	66,234,000
October	84,490,670	83,615,158	79,462,464	79,151,102	79,151,102	71,364,000
November	100,267,493	97,799,178	102,911,069	91,037,309	91,037,309	89,034,000
December	135,512,967	120,912,535	135,712,152	124,901,125	124,901,125	122,322,000
Total	1,426,065,122	1,347,147,632	1,274,342,263	1,216,534,550	1,170,270,765	1,140,000,000
Average Customers	6,642	6,541	6,394	6,200	5,907	5,799

* Based on 30-year weather pattern.

1/ Residential space heating Rate RH eliminated with rate increase effective January 30, 1981 – Customers transferred to Rate RS.

2/ General space heating Rate GH3 eliminated with rate increase effective January 1, 1982 – Customers transferred to Rate GH4.

Pennsylvania Power & Light Company
Monthly Heating-Cooling Degree Days for PP&L Service Area

Monthly Heating Degree Days for PP&L Service Area 1/

	Calendar Years				Test Years Ending July 31,	
	1978	1979	1980	1981	1982	1983
January	1,247	1,171	1,103	1,338	1,382	1,154
February	1,221	1,264	1,107	847	994	997
March	901	672	841	848	866	833
April	475	486	384	385	527	444
May	198	159	117	159	127	183
June	33	40	65	10	59	18
July	18	19	—	1	11	2
August	1	22	—	2	2	10
September	93	100	58	106	106	87
October	377	409	419	451	451	349
November	630	554	777	656	656	687
December	987	887	1,157	1,064	1,064	1,065
Total	6,181	5,783	6,028	5,867	6,245	5,829

Monthly Cooling Degree Days for PP&L Service Area 1/

	Calendar Years				Test Years Ending July 31,	
	1978	1979	1980	1981	1982	1983
January	—	—	—	—	—	—
February	—	—	—	—	—	—
March	—	—	—	—	—	—
April	—	3	—	4	1	—
May	62	41	48	53	40	45
June	144	112	124	185	62	156
July	235	258	321	295	251	276
August	286	240	355	206	206	216
September	80	83	147	68	68	77
October	—	8	2	—	—	7
November	—	—	—	—	—	—
December	—	—	—	—	—	—
Total	807	745	997	811	628	777

1/ Service Area Heating and Cooling Degree days are based upon the average of the monthly degree days reported at the following airport weather stations: Allentown/Bethlehem, Harrisburg, Williamsport, Avoca.

Q. 4. Provide a schedule of present and proposed tariff rates showing dollar change and percent of change by block. Provide, also, an explanation of any change in block structure and the reason therefore.

A. 4. See Appendix B.

Q. 5. Provide a schedule by service classification showing present revenues, pro forma adjustments, proposed increase and percent of increase.

A. 5. The requested information for the years ended July 31, 1982 and July 31, 1983 is provided in Schedule D-3 of Exhibits Historic 1 and Future 1 respectively.

Q. 6. Set forth a detailed analysis of purchase and interchange power expense including:

(a) type of purchase (e.g., economy energy, long-term purchases, etc.)
(b) transacting parties and kWh to be sold or purchased from each,
(c) portion of expense attributable to fuel charges,
(d) capacity charges and
(e) other charges.

Reconcile costs with revenues by FCA, base cost, emergency purchases or other method.

A.6.(a b,d,e) Attachment III-D-6 provides the type of purchase or sale, transacting parties, kWh purchased or sold, capacity charges and other charges for purchase and interchange power expense. Page 1 provides the requested information for the 12 months ended July 31, 1982, and Page 2 provides similar information for the 12 months ending July 31, 1983.

A.6.(c) The portion of purchased interchange expense attributable to fuel is not available due to the method of accounting utilized by the PJM Interconnection and its member companies. PJM operates on a "free flowing" tie basis. Energy flows are based on the economic dispatch of generation. Interchange accounting is accomplished after the transaction, at which time quantification of a fuel cost is not possible since no single buyer-seller relationship exists.

A.6. The reconciliation of costs associated with purchase and interchange power is done as part of the total energy clause reconciliation and not on a separate basis. Attachment III-D-25 provides a reconciliation of energy clause revenues billed during the twelve months ended July 31, 1982 and 1983, and the total energy cost to be recovered during each period.

PENNSYLVANIA POWER & LIGHT COMPANY

Analysis of Purchase and Interchange Power Expense
Twelve Months Ended July 31, 1982

	Mwh	Amount
Economy Interchange Purchased		
PJM	253,843	$ 14,347,811
UGI Corporation	4,914	113,220
Outside Pools	401,916	15,874,465
Total	660,673	$ 30,335,496
Economy Interchange Sold		
PJM	5,961,907	$268,540,762
Outside Pools	34,742	499,644
Total	5,996,649	$269,040,406
Capacity Charges - Credit		$ 555,240
Firm Purchase		
Safe Harbor Water Power Corp. (Hydroelectric)	320,846	$ 3,273,213

PENNSYLVANIA POWER & LIGHT COMPANY

Analysis of Purchase and Interchange Power Expense
Twelve Months Ended July 31, 1983

	MWH	AMOUNT
Interchange Purchases and Sales		
Economy Interchange Purchased		
PJM	-	$ -
Outside Pools	244,000	8,009,000
Total	244,000	$ 8,009,000
Economy Interchange Sold		
PJM	9,969,000	$507,242,000
Outside Pools	19,000	1,386,000
Total	9,988,000	$508,628,000
Capacity Charges - Credit		$ 275,000
Purchases Other Than Interchange		
Firm Purchases		
Safe Harbor Water Power Corp. (Hydroelectric)	302,000	$ 3,100,000
Allegheny Electric (AE's Share of Susquehanna Test Energy)	227,000	4,335,000
Allegheny Electric (Susquehanna Commercial Energy)	45,000	
Fuel Expense		222,000
Non-Fuel Expense		2,263,000
Total	574,000	$ 9,920,000
Susquehanna Test Energy	2,043,000	$101,400,000

Q. 7. Submit a schedule showing a reconciliation of test year KWH sales and line losses with the generation from all sources.

A. 7. Attachment III-D-7 provides the requested data for the years ended July 31, 1982 and July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

SOURCES OF ENERGY - ELECTRIC OPERATIONS
YEAR ENDED JULY 31, 1982
(MWH)

Generation (Excluding station use):			
Steam			28,939,564
Hydro-Conventional			689,882
Other (CT & DSL.)			15,774
Net Generation			29,645,220
Purchases			321,275
Interchanges IN (gross)	660,673 Mwh		
OUT (gross)	5,996,649 Mwh	Net	(5,335,976)
Total System Net Output			24,630,519
Disposition of Energy			
Sales to Ultimate Consumers			22,118,280
Sales for resale			862,238
Total Sales			22,980,518
Energy used by Company			228,338
Energy Losses			1,421,663
Total System Net Output			24,630,519

PENNSYLVANIA POWER & LIGHT COMPANY

SOURCES OF ENERGY - ELECTRIC OPERATIONS
YEAR ENDED JULY 31, 1983
(MWH)

Generation (Excluding station use):		
Steam		31,721,000
Hydro-Conventional		661,000
Other (CT & DSL.)		30,000
Net Generation		32,412,000
Purchases		2,617,000
Interchange IN (gross)	244,000 Mwh	
OUT (gross)	9,988,000 Mwh	(9,744,000)
Total System Net Output		25,285,000
Disposition of Energy		
Sales to Ultimate Consumers		22,376,350
Sales for resale		955,572*
Total Sales		23,331,922
Energy used by Company		205,000
Energy Losses		1,748,078
Total System Net Output		25,285,000

* Includes 74,000 Mwh sale to Atlantic City Electric.

Q. 8. Provide detailed calculations substantiating the adjustment for additional revenues from annualization of changes in customers and growth in use per customer for the test year (including customers with 300 and 500 kV loads).

(Explain reason for not annualizing customers, if applicable.)

A. 8. Attachment III-D-8 provides detailed calculations substantiating the adjustment for additional revenues from annualization of changes in customers and growth in use per customer for the test year. Pages 1 - 5 provide the information for the 12 months ended July 31, 1982. Pages 6 - 14 provide the information for the 12 months ended July 31, 1983. Customers with 300 and 500 kV loads were not handled separately but were included with their respective customer classes.

Pennsylvania Power & Light Company
Annualization of Sales & Revenues
12 Months Ended July 31, 1982

The purpose of an annualization is to estimate the amount of change in sales and revenue that would have occurred had the conditions at year-end existed throughout the test year. An annualization is performed on sales and revenues which represent typical company data. The data should not include the effects of any non-recurring events during the test period.

The annualization of the historic test year ending July 31, 1982, was completed by a method similar to that used by other Pennsylvania electric utilities in their annualization studies. This method was applied to each of the PUC rate classes in existence on July 31, 1982. The annualization began on page 3 with the computation of the changes in kWh and revenue due to customer growth. The first step in estimating these changes was to calculate the difference between July 1982 and July 1981 year-end customers (column 3). One-half of this growth was deemed a measure of growth within the period (column 4). This increase was applied to the average annual use per customer as of July 31, 1982 (column 5) to arrive at the annualized kWh adjustment (column 6). The annualized rate revenue (column 8) was computed by multiplying the annualized kWh adjustment (column 6) by the average cents per kWh for the year ending July 31, 1982 (column 7).

As shown on page 4, the second major portion of annualization involved the calculation of the effect of changes in existing customer usage on sales and revenues. The first step was to derive the average annual change in usage per customer (column 3) for each rate class for the three 12-month ended periods of July 31, 1980, to July 31, 1982. One-half of this change (column 4) was attributed to growth within the test period. This increase was applied to the year-end customers for the 12-month period ended July 31, 1982 (column 1) to obtain the annualized kWh adjustment (column 5). Annualized rate revenue (column 7) was obtained by multiplying the annualized kWh (column 5) by an incremental price (column 6). The incremental price for each rate schedule was computed by regressing rate revenue at current rate levels against sales for the months of August 1981 through July 1982.

The merger of Hershey Electric Company into the PP&L system was effective on March 1, 1980. For our annualization purposes any PP&L sales and revenue that occurred prior to that effective date were adjusted to include Hershey sales and revenue before being used in any analysis.

The Late Payment Charge Revenue for the 12 months ended July 31, 1982, was also annualized (page 5). To arrive at the annualized adjustment, the adjusted Late Payment Charge Revenue as a percentage of total adjusted base rate revenue was first computed (column 3). The Late Payment Charge Revenue adjustment for annualization (column 5) was computed by multiplying the Late Payment percentage of total rate revenue (column 3) by the PUC rate revenue adjustment for annualization (column 4).

Pennsylvania Power & Light Company
Annualization Adjustment Totals
12 Months Ended July 31, 1982

Sales Adjustment
PUC Jurisdiction

Adjustment due to change in usage	-17,965,665 kWh
Adjustment due to change in number of customers	146,429,408 kWh
Total Sales Adjustment	128,463,743 kWh

Base Rate Revenue Adjustment
PUC Jurisdiction

Adjustment due to change in usage	$ -24,124
Adjustment due to change in number of customers	6,767,165
Subtotal	6,743,041
Adjustment due to late payment charge	20,802
Total Base Rate Revenue Adjustment	$ 6,763,843

PENNSYLVANIA POWER & LIGHT COMPANY
ESTIMATED CHANGE IN SALES & REVENUE DUE TO ANNUALIZATION
REFLECTING CHANGE IN CUSTOMER GROWTH
12 MONTHS ENDED JULY 31, 1982

	(1) YEAR-END CUSTOMERS 7/31/81	(2) YEAR-END CUSTOMERS 7/31/82	(3) CUSTOMER DIFFERENCE (2) -(1)	(4) 1/2 CHANGE IN CUSTOMERS .5 * (3)	(5) AVERAGE USE PER CUSTOMER 12 MONTHS ENDED 7/31/82	(6) KWH SALES ADJUSTMENT (4) * (5)	(7) AVERAGE CENTS/KWH	(8) REVENUE ADJUSTMENT (6) * (7)
RS	881,606	888,003	6,397	3,198.50	9,290	29,714,065	5.29701	1,573,957
GS-1	99,713	99,681	-32	-16.00	10,131	-162,096	7.58756	-12,299
GS-3	11,051	11,524	473	236.50	339,198	80,220,327	5.06413	4,062,460
LP-4	649	673	24	12.00	4,593,188	55,118,256	4.04057	2,227,094
LP-5	77	80	3	1.50	14,726,549	22,089,824	3.56450	787,392
LP-6	27	27	0	0.00	126,074,093	0	3.21628	0
GH-2	3,741	3,628	-113	-56.50	35,807	-2,023,096	4.73099	-95,713
GH-1	852	804	-48	-24.00	294,201	-7,060,824	5.00675	-353,518
GH-4	1,595	1,475	-120	-60.00	515,088	-30,905,280	4.65664	-1,439,148
BL	26	13	-13	-6.50	217,659	-1,414,784	6.04343	-85,502
SL/AL	704	713	9	4.50	189,559	853,016	12.00942	102,442
TOTAL						146,429,408		$6,767,165

PENNSYLVANIA POWER & LIGHT COMPANY
ESTIMATED CHANGE IN SALES & REVENUE DUE TO ANNUALIZATION
REFLECTING CHANGE IN CUSTOMER USAGE
12 MONTHS ENDED JULY 31, 1982

	(1)	(2)			(3)	(4)	(5)	(6)	(7)
	YEAR-END CUSTOMERS 7/31/82	CHANGE IN AVERAGE USE PER YEAR ENDED 7/31/80	7/31/81	7/31/82	3-YR. AVG. CHANGE	1/2 OF CHANGE .5 * (3)	KWH SALES ADJUSTMENT (4) * (1)	INCREMENTAL COST IN CENTS/KWH	REVENUE ADJUSTMENT (5) * (6)
RS	888,003	-74	344	6	92	46.00	40,848,138	4.40280	1,798,462
GS-1	99,681	-10	448	-446	-3	-1.50	-149,522	5.92671	-8,862
GS-3	11,524	-7,123	6,327	-10,676	-3,824	-1,912.00	-22,033,888	3.57502	-787,716
LP-4	673	-134,450	150,060	-99,351	-27,914	-13,957.00	-9,393,061	2.88411	-270,906
LP-5	80	-180,297	-247,196	-642,901	-356,798	-178,399.00	-14,271,920	2.68798	-383,626
LP-6	27	2,358,697	3,532,117	-6,778,046	-295,744	-147,872.00	-3,992,544	2.54409	-101,574
GH-2	3,628	-3,230	1,950	-216	-499	-249.50	-905,186	4.58880	-41,537
GH-1	804	-14,737	7,470	3,192	-1,358	-679.00	-545,916	4.73354	-25,868
GH-4	1,475	-35,926	15,074	-17,478	-12,777	-6,388.50	-9,423,038	4.54707	-428,472
BL	13	12,675	-2,476	6,775	5,658	2,829.00	36,777	5.60019	2,060
SL/AL	713	3,156	7,658	4,876	5,230	2,615.00	1,864,495	12.00942 1/	223,915
TOTAL							-17,965,665		$-24,124

1/ AVERAGE CENTS PER KWH.

Pennsylvania Power & Light Company
Estimated Change in Late Payment
Charge Revenue Due to Annualization
12 Months Ended July 31, 1982

(1)	(2)	(3)	(4)	(5)
Adjusted Base Rate Revenue	Adjusted Late Payment Charge Revenue	% of Total (2) ÷ (1)	Base Rate Revenue Annualization Adjustment	Late Payment Charge Annualization Adjustment (3) x (4)
$1,057,761,292	$3,263,491	.3085%	$6,743,041	$20,802

NB: Excludes Sales for Resale and UGI.

Pennsylvania Power & Light Company
Annualization of Sales & Revenues
12 Months Ended July 31, 1983

The methodology used in the historic test year annualization was also applied to the future period (12 months ended July 31, 1983). Forecasted sales and revenues for the future test year were prepared by market sectors and Standard Industrial Classifications (SIC). As a result, the future period was first annualized by those individual categories.

Due to an aberration in the three years of average use data for ConRail, the Railroad category was annualized separately. ConRail's annualization is found on page 12. The sales annualization adjustment (column 4) is one-half the change in kWh usage from the 12 months ended July 31, 1982 (column 1) to the 12 months ended July 31, 1983 (column 2). The annualized rate revenue adjustment (column 6) was computed by multiplying the annualized sales adjustment (column 4) times the incremental price for ConRail (column 5).

Union Carbide, a new, large chemical plant, is expected to come on-line in June 1983. Because the large effect of this single customer would be lost under the normal annualization method, Union Carbide was annualized separately. The annualization of Union Carbide is found on page 13. Annualized kWh (column 3) was calculated using a monthly kWh estimate of 19,500,000 kWh per month (column 2) based on recent data. The kWh adjustment (column 4) is the difference between the annualized kWh and the forecasted 12 months ended kWh (column 1). Annualized rate revenue (column 7) was computed by multiplying the average cents per kWh of the chemical and allied products class (column 5) times the kWh adjustment (column 4).

Any PP&L data prior to March 1, 1980, was adjusted to include Hershey sales and revenues on PP&L rates before being used in any analysis.

Once the future test year annualization calculations have been made by market sector and SIC, the results must be restated in terms of rate class. Using as allocation factors the distribution of sales by rate class within each SIC class for a historic period, in this case 12 months ended April 1981, the annualization adjustment of sales to each SIC class was allocated to the appropriate rate classes. The sales adjustment for each rate class within an SIC class was multiplied by the cents per kilowatt hour (average for the customer growth, incremental for the customer usage) for that SIC to obtain a revenue adjustment for each rate class within each SIC class. These sales adjustments and revenue adjustments were summed by rate class across all SIC classes to obtain totals by rate. These rate class totals are shown on pages 8 and 9.

Pennsylvania Power & Light Company
Annualization Adjustment Totals
12 Months Ended July 31, 1983

Sales Adjustment
PUC Jurisdiction

Adjustment due to change in usage	70,325,924 kWh
Adjustment due to change in number of customers	259,220,371 kWh
Total Sales Adjustment	329,546,295 kWh

Base Rate Revenue Adjustment
PUC Jurisdiction

Adjustment due to change in usage	$ 3,094,221
Adjustment due to change in number of customers	10,404,596
Subtotal	13,498,817
Adjustment due to late payment charge	41,239
Total Base Rate Revenue Adjustment	$13,540,056

Pennsylvania Power & Light Company
Estimated Change in Sales and Revenue Due to Annualization
Reflecting Change in Customer Growth
12 Months Ended July 31, 1983

	kWh Sales Adjustment	Revenue Adjustment
RS	62,793,762	$ 3,093,109
GS-1	2,870,735	193,967
GS-3	8,502,986	419,967
LP-4	-5,628,530	-186,646
LP-5	-5,580,748	-220,368
LP-6	189,695,452	6,801,168
GH-2	702,240	33,063
GH-1	1,396,751	65,124
GH-4	4,190,254	195,372
BL	140,741	8,889
Street Lighting	136,728	951
TOTAL	259,220,371	$ 10,404,596

Pennsylvania Power & Light Company
Estimated Change in Sales and Revenue Due to Annualization
Reflecting Change in Customer Usage
12 Months Ended July 31, 1983

	kWh Sales Adjustment	Revenue Adjustment
RS	-7,419,182	$ -134,079
GS-1	-7,753,074	-516,060
GS-3	42,219,126	1,702,712
LP-4	28,482,406	1,090,925
LP-5	5,552,528	200,057
LP-6	-14,605,687	-369,838
GH-2	2,681,551	112,023
GH-1	4,794,570	200,097
GH-4	14,383,710	600,290
BL	141,946	7,892
Street Lighting	1,848,030	200,202
TOTAL	70,325,924	$ 3,094,221

PENNSYLVANIA POWER & LIGHT COMPANY
ESTIMATED CHANGE IN SALES & REVENUE DUE TO ANNUALIZATION
REFLECTING CHANGE IN CUSTOMER GROWTH
12 MONTHS ENDED JULY 31, 1983

	(1) YEAR-END CUSTOMERS 7/31/82	(2) YEAR-END CUSTOMERS 7/31/83	(3) CUSTOMER DIFFERENCE (2) - (1)	(4) 1/2 CHANGE IN CUSTOMERS .5 * (3)	(5) AVERAGE USE PER CUSTOMER 12 MONTHS ENDED 7/31/83	(6) KWH SALES ADJUSTMENT (4) * (5)	(7) AVERAGE CENTS/KWH	(8) REVENUE ADJUSTMENT (6) * (7)
ELECTRICALLY HEATED HOMES	179,885	186,409	6,524	3,262.00	18,258	59,557,596	4.88318	2,908,306
GENERAL RESIDENTIAL	700,439	709,398	959	479.50	6,849	3,284,096	5.70003	187,194
WHOLESALE & RETAIL TRADE	5,311	5,374	63	31.50	304,427	9,589,451	4.83828	463,965
FINANCIAL & PERS. SERVICE	7,789	7,882	93	46.50	343,186	15,958,149	4.73389	755,442
OTHER COMMERCIAL	2,231	2,281	50	25.00	558,195	13,954,875	4.34404	606,206
SMALL COMMERCIAL	95,875	96,360	485	242.50	5,753	1,395,103	10.22524	142,653
TEXTILE MILL PRODUCTS	161	155	-6	-3.00	1,814,794	-5,444,382	4.08178	-222,228
APPAREL	372	350	-22	-11.00	310,352	-3,413,872	5.40714	-184,593
COAL MINING	79	77	-2	-1.00	2,320,981	-2,320,981	4.31018	-100,038
CEMENT	10	10	0	0.00	44,300,565	0	3.21644	0
STEEL MANUFACTURING	4	4	0	0.00	370,184,770	0	3.19779	0
OTHER PRIMARY METALS	107	106	-1	-0.50	6,417,646	-3,208,823	3.78724	-121,526
NON-ELECTRIC MACHINERY	245	246	1	0.50	896,641	448,321	4.58557	20,558
ELECTRIC MACHINERY	147	149	2	1.00	3,763,272	3,763,272	3.67079	138,142
OTHER METAL PRODUCTS	383	378	-5	-2.50	1,671,269	-4,178,173	4.18104	-174,691
FOOD & KINDRED PRODUCTS	372	366	-6	-3.00	2,238,376	-6,715,128	3.97670	-267,041
PRINTING & PUBLISHING	169	168	-1	-0.50	1,358,791	-679,396	4.19600	-28,507
CHEMICALS & ALLIED PROD.	96	94	-2	-1.00	5,944,873	-5,944,873	3.58859	-213,337
OTHER GENERAL INDUSTRY	651	642	-9	-4.50	2,095,691	-9,430,610	3.98047	-375,383
SMALL INDUSTRIAL	2,963	2,915	-48	-24.00	102,312	-2,455,488	5.18367	-127,284
RAILROADS	1	1	0	0.00	24,719,505	0	5.30350	0
PUBLIC AUTHORITIES	1,319	1,317	-2	-1.00	79,507	-79,507	12.45256	-9,901
BORDERLINE	13	14	1	0.50	281,481	140,741	6.31579	8,889
UNION CARBIDE	.	.	.	.	.	195,000,000 1/	.	6,997,770 1/
TOTAL						259,220,371		$10,404,596

1/ SEE ATTACHMENT III-D-8, PAGE 13, FOR ANNUALIZATION OF UNION CARBIDE.

PENNSYLVANIA POWER & LIGHT COMPANY
ESTIMATED CHANGE IN SALES & REVENUE DUE TO ANNUALIZATION
REFLECTING CHANGE IN CUSTOMER USAGE
12 MONTHS ENDED JULY 31, 1983

	(1) YEAR-END CUSTOMERS 7/31/83	(2) CHANGE IN AVERAGE USE PER YEAR ENDED 7/31/81	7/31/82	7/31/83	(3) 3-YR. AVG. CHANGE	(4) 1/2 OF CHANGE .5 * (3)	(5) SALES ADJUSTMENT (4) * (1)	(6) INCREMENTAL COST IN CENTS/KWH	(7) REVENUE ADJUSTMENT (5) * (6)
ELECTRICALLY HEATED HOMES	186,409	90	-540	-1,374	-608	-304.00	-56,668,336	4.18458	-2,371,332
GENERAL RESIDENTIAL	709,398	263	23	132	139	69.50	49,303,161	4.54301	2,239,848
WHOLESALE & RETAIL TRADE	5,374	13,321	-8,277	19,206	8,083	4,041.50	21,719,021	4.11796	894,381
FINANCIAL & PERS. SERVICE	7,882	18,811	7,688	19,280	15,260	7,630.00	60,139,660	4.25216	2,557,235
OTHER COMMERCIAL	2,281	30,140	-15,929	8,294	7,502	3,751.00	8,556,031	4.08992	349,935
SMALL COMMERCIAL	96,360	884	-108	-1,719	-314	-157.00	-15,128,520	5.78634	-875,388
TEXTILE MILL PRODUCTS	155	-14,327	-209,629	41,412	-60,848	-30,424.00	-4,715,720	3.48473	-164,330
APPAREL	350	22,827	7,197	25,774	18,599	9,299.50	3,254,825	3.99706	130,097
COAL MINING	77	-95,845	59,413	161,571	41,713	20,856.50	1,605,951	3.61557	58,064
CEMENT	10	-2,287,304	-172,511	-1,381,174	-1,280,330	-640,165.00	-6,401,650	2.66669	-170,712
STEEL MANUFACTURING	4	-3,051,500	-42,084,750	26,717,770	-6,139,493	-3,069,746.50	-12,278,986	2.80433	-344,343
OTHER PRIMARY METALS	106	-284,487	-251,451	323,051	-70,962	-35,481.00	-3,760,986	2.93841	-110,513
NON-ELECTRIC MACHINERY	246	-12,720	-118,459	11,080	-40,033	-20,016.50	-4,924,059	3.96085	-195,035
ELECTRIC MACHINERY	149	-108,317	-263,985	251,097	-40,402	-20,201.00	-3,009,949	2.95499	-88,944
OTHER METAL PRODUCTS	378	-131,780	-30,624	-45,149	-69,184	-34,592.00	-13,075,776	3.71779	-486,130
FOOD & KINDRED PRODUCTS	366	162,674	103,500	174,375	146,850	73,425.00	26,873,550	3.57666	961,176
PRINTING & PUBLISHING	168	122,834	115,450	32,525	90,270	45,135.00	7,582,680	3.72777	282,665
CHEMICALS & ALLIED PROD.	94	171,947	39,925	4,988	72,287	36,143.50	3,397,489	2.94013	99,891
OTHER GENERAL INDUSTRY	642	120,291	-75,137	76,983	40,712	20,356.00	13,068,552	2.85783	373,477
SMALL INDUSTRIAL	2,915	-8,700	-4,627	-2,170	-5,166	-2,583.00	-7,529,445	3.69321	-278,455
PUBLIC AUTHORITIES	1,317	3,393	3,160	673	2,410	1,205.00	1,586,985	12.45256 2/	197,620
BORDERLINE	14	-9,762	6,803	63,794	20,278	10,139.00	141,946	5.55989	7,892
RAILROADS	.	.	.	.	.	.	589,500 1/	.	27,122 1/
TOTAL							70,325,924		$3,094,221

1/ SEE ATTACHMENT III-D-8, PAGE 12, FOR ANNUALIZATION OF RAILROAD.

2/ AVERAGE CENTS PER KWH.

PENNSYLVANIA POWER & LIGHT COMPANY

CONRAIL
ESTIMATED CHANGE IN SALES AND REVENUE DUE TO ANNUALIZATION
REFLECTING CHANGE IN CUSTOMER USAGE
12 MONTHS ENDED JULY 31, 1983

(1)	(2)	(3)	(4)	(5)	(6)
KWH 12 Mos. Ended 7/31/82	KWH 12 Mos. Ended 7/31/83	Change in KWH for 12 Mos. Ended 7/31/83 (2) - (1)	Adjusted Change in KWH (3) x .5	Incremental Cost ¢/KWH	Rate Revenue Adjustment ($) (4) x (5)
23,538,000	24,717,000	1,179,000	589,500	4.60084	27,122

PENNSYLVANIA POWER & LIGHT COMPANY

UNION CARBIDE
ESTIMATED CHANGE IN SALES AND REVENUE DUE TO ANNUALIZATION
REFLECTING GAIN OF A NEW VERY LARGE CUSTOMER
12 MONTHS ENDED JULY 31, 1983

(1)	(2)	(3)	(4)	(5)	(6)
KWH 12 Mos. Ended 7/31/83	Estimated Monthly KWH Based on Field Data	Annualized KWH (2) x 12	KWH Adjustment (3) - (1)	Avg. ¢/KWH	Rate Revenue Adjustment ($) (4) x (5)
39,000,000	19,500,000	234,000,000	195,000,000	3.5886	6,997,770

Pennsylvania Power & Light Company
Estimated Change in Late Payment
Charge Revenue Due to Annualization
12 Months Ended July 31, 1983

(1) Estimated Base Rate Revenue	(2) Estimated Late Payment Charge Revenue	(3) % of Total (2) ÷ (1)	(4) Rate Revenue Annualization Adjustment	(5) Effect of Annualization (3) x (4)
$1,074,269,256	$3,282,053	.3055%	$13,498,817	$41,239

NB: Excludes Sales for Resale and UGI.

Q. 9. Submit a schedule showing the sources of additional generation associated with annualized KWH sales.

A. 9. PP&L's station loading included annualized sales. No precise identification could be made to identify the specific sources of additional generation associated with these sales.

Q. 10. Submit an operating revenues summary, for the test year and the year preceding the test year, providing the following for each year (Electric KWH):

a. For each major classification of customers:
   (i) KWH Sales
   (ii) Dollar Revenues
   (iii) Forfeited Discounts (if separate, by categories)
   (iv) Other and miscellaneous revenues that are to be taken into the utility operating account along with their related costs and expenses.

b. Detailed explanation of annualizing and normalizing adjustments showing method followed, amounts and rates used in calculation to arrive at adjustment to ratemaking basis.

c. Segregate from recorded revenues by rate classification for test year, the amount of revenues that are contained therein for:
   (i) Fuel Adjustment Surcharge
   (ii) State Tax Surcharge
   (iii) Any other surcharge being used to collect revenues.

d. Explain nature, if applicable, and amount of any other revenue surcharges, amount of revenues and off-setting expense with sufficient clarifying detail, and remove both revenues and expense charge from the test year operating account so that the account will be limited to customer base rate revenues and expense charges related thereto.

A. 10.a. Attachment III-D-10 provides the operating revenue summary by rate schedules for the year ended July 31, 1981. Similar information for the years ended July 31, 1982 and July 31, 1983 can be found in Schedule D-3 of Exhibits Historic 1 and Future 1 respectively.

b. See response to Regulation III-D-8.

c. See Schedule D-3 of Exhibits Historic 1 and Future 1.

d. None.

PENNSYLVANIA POWER & LIGHT COMPANY
ACTUAL REVENUES
BASED ON CONDITIONS FOR 12 MONTHS ENDED JULY 31, 1981

Line No.	(1) Rate Schedule	(2) No. of Customers As Of July 31, 1981	(3) Sales (KWH)	(4) Rate	(5) Tax Surcharge	(6) Deferred Fuel Expense	(7) Energy Adjustment	(8) Total	Line No.
1	RS	881,606	7,337,302,936	$296,295,368	$23,156,677	$ 7,682,156	$30,332,152	$357,466,353	1
2	RTS (1)	-	-	-	-	-	-	-	2
3	GS1	99,657	1,046,463,369	62,350,736	4,876,926	1,095,647	4,410,842	72,734,151	3
4	GS3	10,743	3,581,661,841	136,289,745	10,660,293	3,750,000	15,311,059	166,011,097	4
5	LP4	644	2,980,784,115	86,278,064	6,753,452	3,120,881	12,776,499	108,928,896	5
6	LP5	77	1,186,009,200	30,286,728	2,367,772	1,241,752	5,092,738	38,988,990	6
7	LP6	26	3,103,545,825	67,574,754	5,293,377	3,249,412	13,409,385	89,526,928	7
8	BL	26	3,936,503	181,775	14,211	4,122	16,106	216,214	8
9	FC (2)	-	220,930	8,674	672	231	730	10,307	9
10	SA	-	32,777,617	3,118,448	244,086	34,318	134,154	3,531,006	10
11	SM	603	82,608,175	8,320,526	652,748	86,491	338,139	9,397,904	11
12	SHS	43	3,780,204	664,376	51,968	3,958	15,569	735,871	12
13	L-3(R)	1	560,959,000	12,070,292	945,953	587,324	2,421,505	16,025,074	13
14	L-1(R)	1	55,757,000	1,666,511	129,723	58,378	202,085	2,056,697	14
15	TS(R)	19	533,055	32,492	2,546	558	2,298	37,894	15
16	RX(R) (1)	-	-	-	-	-	-	-	16
17	SI-1(R)	26	3,177,697	320,862	25,270	3,327	14,847	364,306	17
18	SI-2(R) (2)	-	3,411,192	257,275	19,986	3,572	11,328	292,161	18
19	SI-4(R)	11	3,143,348	204,598	16,041	3,291	12,482	236,412	19
20	SI-6(R)	2	170,609	18,461	1,449	179	700	20,789	20
21	SI-5(R) (2)	-	29,965	1,746	136	31	100	2,013	21
22	GS-5(R)	37	4,463,043	281,946	21,970	4,673	17,529	326,118	22
23	GS-6(R)	332	141,667,965	5,439,149	425,165	148,326	596,673	6,609,313	23
24	GH-4(R)	1,318	577,957,258	18,640,799	1,455,034	605,121	2,317,592	23,018,546	24
25	RH(R) (2)	-	831,898,081	26,143,823	2,032,037	870,997	2,551,769	31,598,626	25
26	GH-1(R)	852	255,069,807	8,928,832	697,070	267,058	1,023,241	10,916,201	26
27	GH-2(R)	3,741	136,499,922	4,433,630	345,318	142,915	499,818	5,421,681	27
28	GH-3(R)	277	289,991,887	9,215,192	717,704	303,622	1,073,353	11,309,871	28
29	Total Tariff 198	1,000,042	22,223,820,544	$779,024,802	$60,907,584	$23,268,340	$92,582,693	$955,783,419	29
30	Late Payment Charge	-	-	$ 2,411,241	-	-	-	$ 2,411,241	30
31	Other Electric Revenue	-	-	7,482,366	-	-	-	7,482,366	31
32	Total Misc.	-	-	$ 9,893,607	-	-	-	$ 9,893,607	32
33	Inter-Dept.	-	2,194,400	$ 112,007	$ 8,763	$ 2,298	$ 8,912	$ 131,980	33
34	PPUC Jurisdictional Tot.	1,000,042	22,226,014,944	$789,030,416	$60,916,347	$23,270,638	$92,591,605	$965,809,006	34

(1) Rates created by Supplement #77 Effective 1/30/81

(2) Rates eliminated by Supplement #77 Effective 1/30/81

Q. 11. Explain manner in which revenues are being presented for ratemaking purposes:

a. Accrued Revenues
b. Billed Revenues
c. Cash Revenues

A. 11. Revenues for ratemaking purposes are billed revenues per books, adjusted for any known changes as reflected in Schedule D-3 of Exhibits Historic 1 and Future 1.

Q. 12. State whether revenue accruing entries are made on books at end of each fiscal period. If so, give entries made accordingly at the end of the test year and at the beginning of the year, and state whether they are reversed for ratemaking purposes.

A. 12. Attachment III-D-12 provides the requested information. Pages 1 through 5 provide data for the twelve months ended July 31, 1982. Pages 6 through 8 provide data for the twelve months ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Historic Test Year

An accrual is made at the end of each month to record revenues collectible from customers based on service rendered. Such unbilled revenues are segregated into two categories based on applicable tariffs as follows:

1. PUC base rates (excluding energy costs), FERC base rates, PUC tax surcharge and FERC fuel adjustment clause.

2. PUC energy cost rate.

Unbilled base rate, tax surcharge and FERC fuel adjustment clause revenues represent the amount customers will be billed for electricity delivered from the time meters were last read to the end of the month. The amounts so accrued are reversed in the next month when billed to customers. Excluded from the PUC base rate accrual are revenues to be billed customers for energy costs since such amounts are taken into consideration in determining the over or under collection of energy costs. Unbilled PUC energy cost revenues represent the amount by which energy costs billed to customers (through a combination of base rates and the levelized energy cost rate) are greater than or less than recoverable energy costs incurred during the month. Such over or under collection of energy costs is ultimately reflected in subsequent billings of the PUC energy cost rate.

The journal entries made to record unbilled revenues in July 1982 (end of the historic test year) were as follows:

Journal Entry 1

236	Taxes accrued	$ 1,455,026	
456	Other electric revenues	23,751,646	
173	Accrued utility revenue		$23,751,646
408.1	Taxes other than income taxes, utility operating income		1,455,026

To reverse the June 1982 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Historic Test Year

Journal Entry 2

173	Accrued utility revenues	$26,330,413	
408.1	Taxes other than income taxes, utility operating income	1,606,715	
236	Taxes accrued		$ 1,606,715
456	Other electric revenues		26,330,413

To record the July 1982 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 3

456	Other electric revenues	$ 3,018,977	
173	Accrued utility revenues		$ 3,018,977

To record the net unbilled revenues related to: the collection of a portion of the unrecovered energy cost balance at June 30, 1981 when the Company changed to a levelized energy cost rate; the collection of a portion of under-recovered energy costs incurred during the period July 1981 - October 1981; and the accrual of unbilled revenues for July 1982 to the extent billings of the levelized energy cost rate were less than recoverable energy costs incurred. See details below:

Collection of a portion of the unrecovered energy cost balance at June 30, 1981	$ 3,823,075
Collection of a portion of under-recovered energy costs incurred during July 1981 - October 1981	2,475,279
Under-recovery of energy costs for the month of July 1982	(3,279,377)
Net debit to Account 456 in July 1982	$ 3,018,977

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Historic Test Year

The journal entries to record unbilled revenues in August 1981 (beginning of the historic test year) were as follows:

Journal Entry 1

236	Taxes accrued	$ 1,556,271	
456	Other electric revenues	28,671,780	
173	Accrued utility revenues		$28,671,780
408.1	Taxes other than income taxes, utility operating income		1,556,271

To reverse the July 1981 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 2

173	Accrued utility revenues	$28,137,131	
408.1	Taxes other than income taxes, utility operating income	1,525,894	
236	Taxes accrued		$ 1,525,894
456	Other electric revenues		28,137,131

To record the August 1981 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Note: The above Journal Entries 1 and 2 for August 1981 are pro forma entries not recorded on the Company's books. These entries restate 1981 monthly financial information to reflect the retroactive application of the change in accounting to record unbilled revenues adopted in December 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Historic Test Year

Journal Entry 3

173	Accrued utility revenue	$ 3,047,574	
456	Other electric revenues		$ 3,047,574

To record the net unbilled revenues related to: the collection of a portion of the unrecovered energy cost balance at June 30, 1981 when the Company changed to a levelized energy cost rate; collection through application of a 1-mill per kwh deferred fuel expense rider of a portion of the unrecovered fuel cost balance at October 31, 1978 when the Company changed from a fuel adjustment clause to an energy clause; and the accrual of unbilled revenues for August 1981 to the extent billings of the levelized energy cost rate were less than recoverable energy costs incurred. See details below:

Collection of a portion of the unrecovered energy cost balance at June 30, 1981	$ 2,850,707
Collection of a portion of the unrecovered fuel cost balance at October 31, 1978 through application of a 1-mill per kwh deferred fuel expense rider	1,721,441
Under-recovery of energy costs for the month of August 1981	(7,619,722)
Net credit to Account 456 in August 1981	$(3,047,574)

Note: The above journal entry is a pro forma entry not recorded on the Company's books and reflects retroactive application of the change in accounting for unbilled revenues adopted in December 1981. The amounts applicable to the unrecovered energy cost balance at June 30, 1981 and the unrecovered fuel cost balance at October 31, 1978 were originally charged to Account 557, Other power supply expenses, and credited to Account 174, Miscellaneous current and accrued assets, reflecting amortization of the deferred fuel and energy costs. The amount applicable to the under-recovery of August 1981 energy costs was originally charged to Account 174, Miscellaneous current and accrued assets, but was credited to Account 456, Other electric revenues. The unrecovered fuel cost balance at October 31, 1978 was collected from customers over the period November 1978-October 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Historic Test Year

In addition to the preceding entries, the Company also recorded applicable deferred income taxes associated with the base rate, PUC tax surcharge and FERC fuel adjustment clause unbilled revenues.

The entries to record unbilled revenues are reversed for ratemaking purposes as shown in Schedule D-3 of Exhibits Historic 1 and Future 1.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Future Test Year

The journal entries made to record unbilled revenues in July 1983 (end of the future test year) would be as follows:

Journal Entry 1

236	Taxes accrued	$ 1,638,280	
456	Other electric revenues	26,882,106	
173	Accrued utility revenue		$26,882,106
408.1	Taxes other than income taxes, utility operating income		1,638,280

To reverse the June 1983 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 2

173	Accrued utility revenues	$25,879,048	
408.1	Taxes other than income taxes, utility operating income	1,576,753	
236	Taxes accrued		$ 1,576,753
456	Other electric revenues		25,879,048

To record the July 1983 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 3

456	Other electric revenues	$ 6,631,000	
242	Misc. current and accrued liabilities		$ 6,631,000

To record the net unbilled revenues related to the accrual of unbilled revenues for July 1983 to the extent billings of the levelized energy cost rate were more than recoverable energy costs incurred.

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Future Test Year

The journal entries to record unbilled revenues in August 1982 (beginning of the future test year) would be as follows:

Journal Entry 1

236	Taxes accrued	$ 1,437,877	
456	Other electric revenues	23,606,217	
173	Accrued utility revenues		$23,606,217
408.1	Taxes other than income taxes, utility operating income		1,437,877

To reverse the July 1982 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 2

173	Accrued utility revenues	$26,645,591	
408.1	Taxes other than income taxes, utility operating income	1,623,397	
236	Taxes accrued		$ 1,623,397
456	Other electric revenues		26,645,591

To record the August 1982 accrual of unbilled base rate revenues, PUC tax surcharge revenues, FERC fuel adjustment clause revenues and related State gross receipts tax.

Journal Entry 3

456	Other electric revenue	$ 5,741,000	
173	Accrued utility revenue		$ 5,741,000

To record the net unbilled revenues related to: the collection of a portion of the unrecovered energy cost balance at June 30, 1981 when the Company changed to a levelized energy cost rate; The collection of a portion of under-recovered energy costs incurred during the period July 1981-October 1981; and the accrual of unbilled revenues for August 1982 to the extent billings of the levelized energy cost rate were less than recoverable energy costs incurred. See details below:

PENNSYLVANIA POWER & LIGHT COMPANY

Revenue Accruing Entries For Future Test Year

Collection of a portion of the unrecovered energy cost balance at June 30, 1981	$ 3,948,000
Collection of a portion of the under-recovered energy costs incurred during the period July 1981-October 1981	2,556,000
Under-recovery of energy costs for the month of August 1982	(763,000)
Net debit to Account 456 in August 1982	$ 5,741,000

In addition to the preceding entries, the Company also recorded applicable deferred income taxes associated with the base rate, PUC tax surcharge and FERC fuel adjustment clause unbilled revenues.

The entries to record unbilled revenues are reversed for ratemaking purposes as shown in Schedule D-3 of Exhibits Historic 1 and Future 1.

Q. 13. Supply by classification Operating Revenues-Miscellaneous for test year.

A. 13. Attachment III-D-13 provides the details of miscellaneous electric operating revenue for the twelve months ended July 31, 1982 and 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Miscellaneous Electric Operating Revenue

Account		12 Months Ended July 31, 1982(a)	1983 (Projected)
450	Forfeited discounts	$ 3,032,555	$ 3,307,000
451	Miscellaneous service revenues	176,329	200,000
454	Rent from electric property	5,110,723	5,140,000
456	Other electric revenues		
	Unbilled revenues, net	(4,302,336)	(81,115,000)
	Other	2,931,563	3,475,000
	Total Miscellaneous Operating Revenues	$ 6,948,834	$(68,993,000)

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

Q. 14. Provide details of respondent's attempts to recover uncollectible and delinquent accounts.

A. 14. Attachment III-D-14 provides the details of PP&L's procedures to recover uncollectible and delinquent accounts.

PENNSYLVANIA POWER & LIGHT COMPANY

Recovery of Uncollectible and Delinquent Accounts

Delinquent Accounts

The Company follows two different collection procedures for delinquent accounts; one for residential accounts and one for non-residential accounts.

Residential:

1. The first time a ratepayer fails to pay a bill, after establishing a good credit history by making at least three consecutive net payments, the only action taken is that a reminder message is printed on the subsequent bill. The reminder message is as follows:

   "REMINDER - Have you forgotten to pay your last bill"
   (See example on page 5)

   If a ratepayer has received a reminder message during the last three months, or has not established a good credit history, one of the following messages will appear on the subsequent bill:

   - Message 1 will appear on the bill if the customer does not qualify for a reminder message and:

     1. The overdue balance is greater than $15 and less than $25, regardless of the credit history, or

     2. The overdue balance is greater than $25 and a disconnect order was not issued during the previous period, or

     3. The most recent credit history indicates the customer was disconnected for non-payment.
        (This condition assumes that the account was disconnected during the previous billing period and was reconnected prior to billing.)

     Message 1 states:

     "YOUR PREVIOUS BALANCE PLUS LATE PAYMENT CHARGE, AS STATED ABOVE, CAUSES YOUR ACCCOUNT TO BE OVERDUE — COLLECTION ACTIVITY WILL NOT BE STARTED IF FULL PAYMENT IS MADE WITHIN 10 DAYS OR YOU CALL OUR OFFICE AND MAKE SATISFACTORY PAYMENT ARRANGEMENTS."

- Message 2 will appear on the bill if the overdue balance is $25 or more and a disconnect order was issued during the previous period.

  Message 2 states:

  "ALLOWING AN OVERDUE BALANCE TO REMAIN ON YOUR ACCOUNT CONTINUES TO MAKE YOU SUBJECT TO COLLECTION ACTIVITIES WHICH MAY RESULT IN THE TERMINATION OF YOUR ELECTRIC SERVICE."

- Message 3 will appear on the bill if a disconnect transaction has been entered on the customer's record at time of billing.

  Message 3 states:

  "ALTHOUGH TERMINATION OF YOUR SERVICE HAS OCCURRED, YOU CONTINUE TO BE RESPONSIBLE FOR PAYMENT OF YOUR ACCOUNT BALANCE."
  (See examples on Pages 6, 7, 8.)

2. The Company issues a collection letter (See Page 9) giving the ratepayer 15 days to pay or make payment arrangements before service is to be terminated.

3. Ten days after the collection letter is issued, a document for internal use is prepared to initiate additional collection procedures.

4. Three days prior to the proposed termination date stated in the collection letter, the Company attempts to make personal contact with the ratepayer or responsible adult resident. If personal contact cannot be made with the ratepayer or responsible adult resident, then a third party or the Pennsylvania Public Utility Commission is notified, if appropriate.

5. On the proposed date of termination, the Company attempts to make personal contact. If personal contact is not made, service is not terminated but a notice (See Page 10) is posted advising the ratepayer that termination will take place sometime after 48 hours have elapsed. If payment is received, or if a serious illness or medical condition exists, or a dispute or complaint is properly pending, service is not terminated. If personal contact is made and none of the above conditions exist, service is terminated.

6. If no acceptable reason for not postponing termination arises during the 48 hour period, service is terminated and a post-termination notice is delivered. (See Page 11.)

These Residential Collection procedures represent the permanent procedures now in place to collect overdue bills. They are revised as necessary to meet temporary Commission termination regulations and are in compliance with Title 52 of the Pennsylvania Code.

Non-Residential:

1. The first time a customer fails to pay a bill, after establishing a good credit history by making at least three consecutive net payments, the only action taken is that a reminder message (the same one as for residential customers) is included on the subsequent bill. If the customer has received a reminder message or has not established a good credit history, one of the messages previously described will appear on the bill.

2. Ten days after the overdue message appears on the bill, a document for internal use is prepared to initiate additional collection procedures.

3. Shortly thereafter, personal contact is made with the customer who is then granted a three day period in which to make payment or arrange for a proper amortization of the debt.

4. If payment is not received or satisfactory payment arrangements made during this three day period, service is terminated.

Uncollected Accounts:

If a Final Bill (the customer is no longer receiving service, but he has an open account in his name) remains unpaid approximately 30 days after it was rendered, the following Reminder Notice is mailed:

> **"We have no record of receiving payment of your last bill for electric service which was discontinued on xxx xx, xx. If payment has been made within the past few days, please disregard this notice and accept our thanks. If not, you can avoid having your account referred to an independent credit bureau for collection by sending payment and the attached stub in the enclosed envelope. This notice includes payments received by xxx xx, xx."** (See Page 12.)

If this notice does not result in payment, the account is normally referred to one of several companies in the business of collecting outstanding bills. A letter series is available before direct collection begins. If the letter series is used, the collection company is paid only for the cost of mailing the letter, and not on a percentage of the collections. When direct collection is used the collection companies are paid on the basis of a percentage of their collections.

Accounts are referred to the collection companies on a monthly basis and the unpaid amounts are transferred from Account No. 14210 (Customer Accounts Receivable - Electric) to Account No. 14410 (Accumulated Provisions for the Uncollectible Accounts - Electric) on a monthly basis.

Account balances of less than $5.00 are not referred to collection companies and are transferred to Account 14410 in the month submitted.

If a customer files for bankruptcy or his assets are sold at a sheriff's sale, the Company files judgments with the Court to protect its interests where appropriate.

January 1981 was the first month accounts were referred and charged-off on a monthly basis.

PP&L
Two North Ninth Street
Allentown, Pa. 18101

2748900600

JUL 21 82	148.55
DUE DATE	TOTAL AMOUNT

BILLS MAY ALSO BE PAID AT AN AUTHORIZED BILL PAYMENT CENTER.

4 JOHN DOE
123 ANY ST
WEISSPORT PA 18235

8000000000020000598196 2748900600

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO PP&L

TO INSURE CREDIT TO YOUR ACCOUNT, PLEASE RETURN THIS PORTION WITH PAYMENT.
CALL BEFORE THE DUE DATE IF YOU HAVE ANY QUESTIONS - ADDITIONAL INFORMATION ON THE REVERSE SIDE

SERVICE TO: JOHN DOE
123 ANY ST
WEISSPORT PA 18235

PLEASE USE YOUR CUSTOMER NUMBER WHEN CALLING OR WRITING.
27 489 0060 0

PREVIOUS BALANCE	73.37
BALANCE AS OF JUL 1 82	73.37

CURRENT BILLING FOR 32 DAYS USE
TO JUN 28 ACTUAL METER READING 48191
FROM MAY 27 ACTUAL METER READING 46927

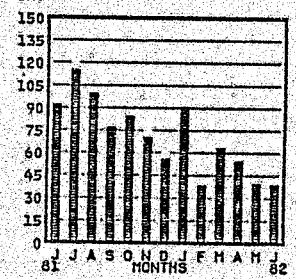
RESIDENTIAL SERVICE RATE RS FOR 1264 KWH	62.82
SURCHARGE FOR PA TAXES AT 6.75%	4.24
ENERGY CHARGE $.006422 PER KWH	8.12
CURRENT BILL	75.18

REMINDER - HAVE YOU FORGOTTEN TO PAY YOUR LAST BILL.

ESTIMATED GROSS RECEIPTS TAX (%) INCLUDED IN YOUR BILL	RATE	AMOUNT
	4.50	3.38

TOTAL AMOUNT 148.55

AVG KWH PER DAY



THIS IS YOUR ELECTRIC USE PROFILE - METER NUMBER 41753722

BILLING PERIOD	AVG KWH PER DAY	AVG DAILY TEMPERATURE	12 MOS ENDING KWH USE
JUN 1982	40	65 F	26154
JUN 1981	94	69 F	36621

SET AIR CONDITIONER THERMOSTATS AT THE HIGHEST POSSIBLE COMFORT LEVEL BUT NOT BELOW 78 F.

Pennsylvania Power & Light Company
TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101

PP&L
Two North Ninth Street
Allentown, Pa. 18101

2448804850

JUL 16 82	243.22
DUE DATE	TOTAL AMOUNT

BILLS MAY ALSO BE PAID AT AN AUTHORIZED BILL PAYMENT CENTER.

4
JOHN DOE
% ROBERT SMITH
346 OTHER ST
OTHERTOWN PA 17777

00000000000700001600032448804850

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO PP&L

TO INSURE CREDIT TO YOUR ACCOUNT, PLEASE RETURN THIS PORTION WITH PAYMENT.
CALL BEFORE THE DUE DATE IF YOU HAVE ANY QUESTIONS - ADDITIONAL INFORMATION ON THE REVERSE SIDE

SERVICE TO:
JOHN DOE
123 ANY ST
LLEWELLYN PA 17944

PLEASE USE YOUR CUSTOMER NUMBER WHEN CALLING OR WRITING.
24 488 0485 0

PREVIOUS BALANCE	201.90
BALANCE AS OF JUL 1 82	201.90

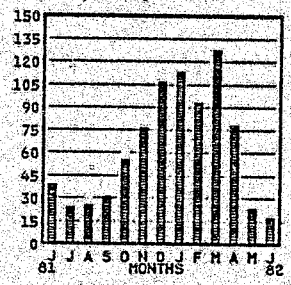
CURRENT BILLING FOR 32 DAYS USE
TO JUN 28 ACTUAL METER READING 84628
FROM MAY 27 ACTUAL METER READING 83998
RESIDENTIAL SERVICE RATE RS FOR 630 34.91
SURCHARGE FOR PA TAXES AT 6.75% 2.36
ENERGY CHARGE $.006422 PER KWH 4.05
CURRENT BILL 41.32

YOUR PREVIOUS BALANCE PLUS LATE PAYMENT CHARGE, AS STATED ABOVE, CAUSES YOUR ACCOUNT TO BE OVERDUE -- FURTHER COLLECTION ACTIVITY WILL NOT BE STARTED IF FULL PAYMENT IS MADE WITHIN 10 DAYS OR YOU CALL OUR OFFICE AND MAKE SATISFACTORY PAYMENT ARRANGEMENTS.

ESTIMATED GROSS RECEIPTS TAX (%) INCLUDED IN YOUR BILL	RATE	AMOUNT
	4.50	1.86

TOTAL AMOUNT 243.22

AVG KWH PER DAY



THIS IS YOUR ELECTRIC USE PROFILE - METER NUMBER 54680544

BILLING PERIOD	AVG KWH PER DAY	AVG DAILY TEMPERATURE	12 MOS ENDING KWH USE
JUN 1982	20	65 F	24373
JUN 1981	40	69 F	27673

SET AIR CONDITIONER THERMOSTATS AT THE HIGHEST POSSIBLE COMFORT LEVEL BUT NOT BELOW 78 F.

Pennsylvania Power & Light Company
TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101

PP&L
Two North Ninth Street
Allentown, Pa. 18101

2418933141

JUL 16 82	281.20
DUE DATE	TOTAL AMOUNT

BILLS MAY ALSO BE PAID AT AN AUTHORIZED BILL PAYMENT CENTER.

JOHN DOE
346 OTHER ST
OTHERTOWN PA 17777

2000000000060000325796 2418933141

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO PP&L

TO INSURE CREDIT TO YOUR ACCOUNT, PLEASE RETURN THIS PORTION WITH PAYMENT.
CALL BEFORE THE DUE DATE IF YOU HAVE ANY QUESTIONS - ADDITIONAL INFORMATION ON THE REVERSE SIDE

SERVICE TO:
JOHN DOE
346 OTHER ST
OTHERTOWN PA 17777

PLEASE USE YOUR CUSTOMER NUMBER WHEN CALLING OR WRITING.
24 189 3314 1

*THANK YOU FOR YOUR PAYMENT

*	PREVIOUS BALANCE	336.79
	PAYMENT JUN 8	-115.00
	BALANCE AS OF JUL 1 82	221.79

CURRENT BILLING FOR 32 DAYS USE
TO JUN 28 ACTUAL METER READING 5726
FROM MAY 27 ACTUAL METER READING 4757

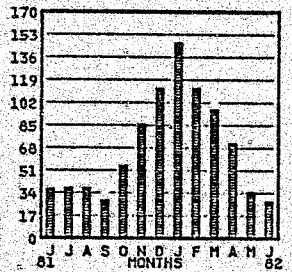
RESIDENTIAL SERVICE RATE RS FOR 969 KWH	49.83
SURCHARGE FOR PA TAXES AT 6.75%	3.36
ENERGY CHARGE $.006422 PER KWH	6.22
CURRENT BILL	59.41

ALLOWING AN OVERDUE BALANCE TO REMAIN ON YOUR ACCOUNT CONTINUES TO MAKE YOU SUBJECT TO COLLECTION ACTIVITIES WHICH MAY RESULT IN THE TERMINATION OF YOUR ELECTRIC SERVICE.

ESTIMATED GROSS RECEIPTS TAX (%) INCLUDED IN YOUR BILL	RATE	AMOUNT
	4.50	2.67

TOTAL AMOUNT 281.20

AVG KWH PER DAY



THIS IS YOUR ELECTRIC USE PROFILE - METER NUMBER 59618482

BILLING PERIOD	AVG KWH PER DAY	AVG DAILY TEMPERATURE	12 MOS ENDING KWH USE
JUN 1982	30	65 F	27086
JUN 1981	40	69 F	29072

SET AIR CONDITIONER THERMOSTATS AT THE HIGHEST POSSIBLE COMFORT LEVEL BUT NOT BELOW 78 F.

Pennsylvania Power & Light Company
TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101

PP&L
Two North Ninth Street
Allentown, Pa. 18101

6218507660

JUL 21 82	507.07
DUE DATE	TOTAL AMOUNT

BILLS MAY ALSO BE PAID AT AN AUTHORIZED BILL PAYMENT CENTER.

4 JOHN DOE
123 ANY ST
MOUNTVILLE PA 17554

10000000000000000310971 6218507660

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO PP&L

TO INSURE CREDIT TO YOUR ACCOUNT, PLEASE RETURN THIS PORTION WITH PAYMENT.
CALL BEFORE THE DUE DATE IF YOU HAVE ANY QUESTIONS - ADDITIONAL INFORMATION ON THE REVERSE SIDE

SERVICE TO: JOHN DOE
123 ANY ST
MOUNTVILLE PA 17554

PLEASE USE YOUR CUSTOMER NUMBER WHEN CALLING OR WRITING.
62 185 0766 0

PREVIOUS BALANCE	409.02
BALANCE AS OF JUL 1 82	409.02

CURRENT BILLING FOR 32 DAYS USE
TO JUN 28 ACTUAL METER READING 46171
FROM MAY 27 ACTUAL METER READING 44479

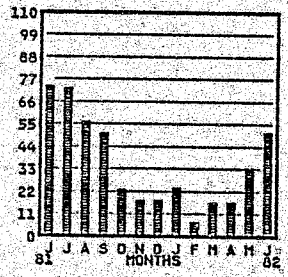
RESIDENTIAL SERVICE RATE RS FOR 1692 KWH	81.67
SURCHARGE FOR PA TAXES AT 6.75%	5.51
ENERGY CHARGE $.006422 PER KWH	10.87
CURRENT BILL	98.05

ALTHOUGH TERMINATION OF YOUR SERVICE HAS OCCURRED, YOU CONTINUE TO BE RESPONSIBLE FOR PAYMENT OF YOUR ACCOUNT BALANCE.

ESTIMATED GROSS RECEIPTS TAX (%) INCLUDED IN YOUR BILL	RATE	AMOUNT
	4.50	4.41

TOTAL AMOUNT 507.07

AVG KWH PER DAY



THIS IS YOUR ELECTRIC USE PROFILE - METER NUMBER 27576211

BILLING PERIOD	AVG KWH PER DAY	AVG DAILY TEMPERATURE	12 MOS ENDING KWH USE
JUN 1982	53	65 F	12330
JUN 1981	76	71 F	17209

SET AIR CONDITIONER THERMOSTATS AT THE HIGHEST POSSIBLE COMFORT LEVEL BUT NOT BELOW 78 F.

Pennsylvania Power & Light Company
TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101

PP&L

AMOUNT OVERDUE
53.68

JOHN DOE
123 ANY ST
CAMP HILL PA 17011

AMOUNT ENCLOSED

320000053682000005368 9 5210712461

MAKE CHECKS PAYABLE TO PP&L

TO INSURE CREDIT TO YOUR ACCOUNT, PLEASE RETURN THIS PORTION WITH PAYMENT

SERVICE TO:	CUSTOMER NUMBER	PROPOSED TERMINATION DATE	AMOUNT OVERDUE
JOHN DOE 123 ANY ST CAMP HILL PA 17011	52-107-1246-1	AUG 9, 82	53.68

JULY 23, 82

Please disregard this letter if you have already paid your electric service bill or made such arrangements with us.

We recently requested payment of your overdue electric service bill. Since inconveniences occur when electric service is terminated, we are offering you an additional opportunity to make satisfactory payment arrangements. If arrangements are not made, we suggest you take the necessary steps to protect yourself and your property from loss or damage that may result from lack of electricity.

You can either forward your check or money order in the enclosed return envelope or call our business office immediately. Our representatives are trained to help you set up payment arrangements over a reasonable period of time. They are located at 1801 Brookwood Street, Harrisburg. You can call our representatives at 717-233-6581. If this number is not in your local calling area, please consult your telephone directory under Pennsylvania Power & Light Company for a toll free number.

If after discussing your problem with us you find that you are dissatisfied, you may file an informal complaint with the Pennsylvania Public Utility Commission. To avoid termination of service pending resolution of a dispute, this informal complaint must be filed before the proposed date for termination of your service. You may file an informal complaint by telephoning the Public Utility Commission at this toll free number, 800-692-7380.

If termination takes place, a reconnection charge of $15.00 is required if work is done during normal working hours, 8am - 5pm on weekdays. A reconnection charge of $21.00 is required if the work is done after normal working hours. A security deposit may also be required before reconnection is made.

Please make every effort to pay your overdue balance or call our representative to make payment arrangements so that termination is not necessary.

The following is directed to our Spanish speaking customers.

Este es un aviso importante relacionado con su cuenta atrasada. Si usted no entiende el contenido de esta carta o no habla ingles, por favor comuniquese con nuestro representante Eugene Lyall al telefono 717-233-6581.

Pennsylvania Power & Light Company

MEDICAL EMERGENCY NOTICE

IF YOU, OR ANYONE PRESENTLY AND NORMALLY LIVING IN YOUR HOME IS SERIOUSLY ILL, WE WILL NOT DISCONNECT YOUR SERVICE DURING SUCH ILLNESS PROVIDED YOU:

(A) HAVE A PHYSICIAN CERTIFY BY PHONE OR IN WRITING THAT SUCH ILLNESS EXISTS AND THAT IT MAY BE AGGRAVATED IF YOUR SERVICE IS STOPPED; AND

(B) MAKE SOME EQUITABLE ARRANGEMENT TO PAY THE COMPANY YOUR PAST DUE AND CURRENT BILLS FOR SERVICE.

(C) CONTACT ONE OF OUR REPRESENTATIVES BY CALLING 717-233-6581. IF THIS NUMBER IS NOT IN YOUR LOCAL CALLING AREA, PLEASE CONSULT YOUR TELEPHONE DIRECTORY UNDER PENNSYLVANIA POWER & LIGHT COMPANY FOR A TOLL FREE NUMBER.

OUR REPRESENTATIVES ARE LOCATED AT 1801 BROOKWOOD STREET, HARRISBURG, PA.

PENNSYLVANIA POWER & LIGHT COMPANY

TERMINATION NOTICE

Date _____

Name: _____

Customer Number: _____

Our representative called today to collect the amount overdue for electric service. Since no one was home your electric service was not terminated.

You may still avoid termination of service by immediately calling a Company representative at _____ to make satisfactory payment arrangements. If this number is not in your local calling area consult your telephone directory under Pennsylvania Power & Light Company for a toll free number.

IF YOU DO NOT CONTACT US IMMEDIATELY, SERVICE WILL BE TERMINATED ON OR AFTER _____ WITHOUT FURTHER NOTICE.

Attached: Medical Emergency Notice

R. J. Smith
Credit Supervisor

PENNSYLVANIA POWER & LIGHT COMPANY
POST-TERMINATION NOTICE

Date: _____

Name: _____
Customer Name: _____

We regret your electric service was terminated today for non-payment of overdue electric service bills. May we suggest you take the necessary steps to protect yourself and your property from loss or damage that may result from lack of electrical energy.

In order to arrange to have service restored call _____ (if this number is not in your local calling area, please consult the telephone directory for your toll free number) or visit our office at _____.

Attached: Medical Emergency Notice

R.J. Smith
Credit Supervisor

PP&L

AMOUNT OVERDUE
123.05

TO INSURE CREDIT TO YOUR ACCOUNT
PLEASE RETURN THIS STUB WITH PAYMENT

John Doe
1107849200
117 RIDGE AVE
ALLENTOWN PA 18102

5

MAIL IN ENCLOSED ENVELOPE TO
PENNSYLVANIA POWER & LIGHT CO
P. O. BOX 1380
ALLENTOWN, PA. 18105

AMOUNT ENCLOSED

MAKE CHECKS PAYABLE TO PP&L

41000012305100000123052 1107849200

FOR SERVICE AND INFORMATION - SEE "PENNSYLVANIA POWER & LIGHT CO." IN YOUR TELEPHONE DIRECTORY.

PLEASE USE YOUR CUSTOMER NUMBER WHEN CALLING OR WRITING.
11 078 4920 0

SERVICE TO

John Doe
115 N 9TH ST 2FR
ALLENTOWN PA 18102

WE HAVE NO RECORD OF RECEIVING PAYMENT OF YOUR LAST BILL FOR ELECTRIC SERVICE WHICH WAS DISCONTINUED ON JUN 14, 82. IF PAYMENT HAS BEEN MADE WITHIN THE PAST FEW DAYS, PLEASE DISREGARD THIS NOTICE AND ACCEPT OUR THANKS. IF NOT, YOU CAN AVOID HAVING YOUR ACCOUNT REFERRED TO AN INDEPENDENT CREDIT BUREAU FOR COLLECTION BY SENDING YOUR PAYMENT AND THE ATTACHED STUB IN THE ENCLOSED ENVELOPE.
THIS NOTICE INCLUDES PAYMENTS RECEIVED BY JUL 19, 82.

BALANCE AS OF JUL 19, 82 123.05
INCL 1.52 LATE PAYMENT CHARGES

REMINDER NOTICE

AMOUNT OVERDUE
123.05

Pennsylvania Power & Light Company
TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101

Q. 15. Describe how the net billing and gross billing is determined. For example: if the net billing is based on the rate blocks plus Fuel Charge Adjustment (FCA) and State Tax Adjustment (STA), and the gross billing is determined by a percentage increase (1, 3 and 5 percent), then state whether the percentage increase is being applied to all three items of revenue -- rate blocks plus FCA and STA.

A. 15. The net billing is the sum of the rate schedule billing, energy cost rate and tax surcharge. Sales tax is also a part of the net bill when applicable.

The gross billing for non-residential accounts is determined by adding 5% to the first $200 of the unpaid balance of the net monthly bill (minus the sales tax, if any) and 2% on the remainder of the net monthly bill. This gross billing, so determined, is not changed during any subsequent billing.

The gross billing for residential accounts is determined by adding 1.25% per month, simple interest, to the unpaid balance of the net bill minus the sales tax, if any. This charge is applied monthly to amounts remaining unpaid at time of subsequent bill issue and is determined pursuant to 52 Pa. Code § 56.22(a).

Q. 16. Describe the procedures involved in determining whether forfeited discounts or penalties are applied to customer billing.

A. 16. Non-residential customers have 15 days to pay the bill in the net amount. In addition, if the payment is made in person, they are granted a one working day grace period in which to make a net payment. If payment is not received by the day of grace, a late payment charge is applied. For payment made by mail, the payment is considered to have been made on the date of postmark, but the late payment charge is not applied unless payment is received more than five days after the due date.

Residential customers have a monthly billing period to pay the bill in the net amount. If payment is not received by the time the subsequent bill is prepared, a late payment charge is applied. See response to Regulation III-D-15 for the amount of such charge.

Q. 17. Provide annualization of revenues at the level of operations as of the end of the test year due to rate changes occurring during the test year.

A. 17. See the direct testimony of A. J. Baldwin which explains the adjustment to revenues for the test year as shown in Schedule D-3 of Exhibit Historic 1.

Q. 18. Provide a detailed billing analysis supporting present and proposed rates by customer classification and/or tarriff rate schedule.

A. 18. See response to Regulation IV-C-3a.

Q. 19. Provide growth patterns of usage and customer numbers per rate class using historical and projected data.

A. 19. Attachment III-D-19 provides growth patterns of usage and customer numbers (average and year-end) per rate class, using historical and projected data.

Pennsylvania Power & Light Company
KWH Sales by Rate Schedule and Growth Rates

Rate	12 Months Ended December 31				12 Months Ended July 31		Growth Rates (%)	
	1978	1979	1980	1981	1982	1983	1981/1978	1983/1982
RS	7,694,829,527	7,744,375,822 1/	8,027,215,283	8,074,743,577	8,238,824,049	8,184,360,800	1.62	-0.66
RTS					110,572	700,000		633.07
GS-1	965,688,485	992,544,133 1/	1,033,512,572	1,022,600,204	1,008,041,721	1,030,000,000	1.93	2.18
GS-3	3,392,669,413	3,512,745,194	3,621,450,104	3,749,031,744	3,869,858,873	4,000,000,000	3.39	3.36
LP-4	2,578,228,640	2,703,532,500	2,862,928,562	3,025,674,773	3,055,618,040	3,155,000,000	5.48	3.25
LP-5	1,139,702,475	1,178,118,500	1,171,607,000	1,183,757,900	1,167,079,000	1,185,000,000	1.27	1.54
LP-6	3,688,725,650	3,833,578,800	3,721,795,498	3,680,103,600	3,467,560,200	3,533,350,000	-0.08	1.90
BL	3,928,323	3,739,382	3,802,831	3,924,276	3,845,315	3,800,000	-0.03	-1.18
SA	31,080,605	31,170,921 1/	31,659,209	33,925,177	34,106,431	35,300,000	2.96	3.50
SM	77,016,621	78,010,114	78,847,767	86,527,782	87,236,212	91,500,000	3.96	4.89
SHS	1,492,354	1,960,148	2,874,549	4,230,449	4,432,457	5,000,000	41.53	12.80
SE								
TS	532,797	532,797	532,797	533,396	533,635	533,635	0.04	0.00
RX					685,321	1,939,200		282.96
SI-1	8,561,656	8,167,532	7,576,335	5,556,298	4,917,354	4,706,365	-13.44	-4.29
SI-4	3,870,814	3,444,467	3,209,992	3,017,151	2,866,315	2,780,000	-7.97	-3.01
SI-6			133,332	177,238	178,671	180,000		0.74
GH-1	266,745,931	258,000,559	256,390,072	248,583,848	244,236,073	240,000,000	-2.32	-1.73
GH-2	157,417,739	144,962,349	136,260,319	132,138,375	132,026,834	125,000,000	-5.67	-5.32
GH-4	1,001,901,452	944,184,724	881,691,872	835,812,327	794,007,858	775,000,000	-5.86	-2.39
12KV Resale	179,380,000	169,935,300	176,818,300	179,488,300	177,302,800	172,577,000	0.02	-2.67
66KV Resale	344,841,300	371,469,600	376,916,100	375,138,400	377,703,000	375,750,000	2.85	-0.52
UGI	36,392,000	42,237,000	41,806,000	309,323,000	307,232,000	333,245,000	104.08	8.47
TOTAL	21,573,005,782	22,022,709,842 1/	22,437,028,494	22,954,287,815	22,978,402,731	23,255,722,000	2.09	1.21
TOTAL PPUC	21,012,392,482	21,439,067,942 1/	21,841,488,094	22,090,338,115	22,116,164,931	22,374,150,000	1.68	1.17
TOTAL FERC	560,613,300	583,641,900	595,540,400	863,949,700	862,237,800	881,572,000	15.51	2.24

1/ The effect of the change from bimonthly to monthly billing has been removed.

Pennsylvania Power & Light Company
Average Customers by Rate Schedule and Growth Rates

Rate	12 Months Ended December 31				12 Months Ended July 31		Growth Rates (%)	
	1978	1979	1980	1981	1982	1983	1981/1978	1983/1982
RS	840,879	856,351	873,856	882,946	886,870	891,794	1.64	0.56
RTS				1	18		1700.00	
GS-1	96,889	97,914	99,291	99,783	99,502	99,672	0.99	0.17
GS-3	9,800	10,152	10,440	10,946	11,412	11,756	3.76	3.01
LP-4	565	592	620	648	666	682	4.67	2.40
LP-5	76	74	76	78	79	81	0.87	2.53
LP-5	30	30	29	28	28	28	-2.27	0.00
BL	17	18	18	19	18	16	-3.78	-11.11
SA								
SM	594	596	602	602	602	602	0.45	0.00
SHS	17	25	34	43	51	70	36.25	37.25
SE								
TS	19	19	19	19	19	19	0.00	0.00
RX					37	94		154.05
SI-1	34	30	29	27	25	23	-7.40	-8.00
SI-4	13	11	11	11	10	10	-5.42	0.00
SI-6			2	2	2	2		0.00
GH-1	870	876	885	858	831	797	-0.46	-4.09
GH-2	4,000	3,941	3,841	3,747	3,687	3,564	-2.15	-3.34
GH-4	1,771	1,724	1,668	1,598	1,542	1,438	-3.37	-6.74
12KV Resale	9	9	9	9	9	9	0.00	0.00
66KV Resale	6	6	6	6	6	6	0.00	0.00
UGI	1	1	1	1	1	1	0.00	0.00
TOTAL	955,589	972,369	991,437	1,001,368	1,005,395	1,010,682	1.57	0.53
TOTAL PPUC	955,574	972,353	991,421	1,001,352	1,005,372	1,010,666	1.57	0.53
TOTAL FERC	16	16	16	16	16	16	0.00	0.00

NOTE: Totals may not add due to rounding.

Pennsylvania Power & Light Company
Year-End Customers by Rate Schedule and Growth Rates

Rate	12 Months Ended December 31				12 Months Ended July 31		Growth Rates (%)	
	1978	1979	1980	1981	1982	1983	1981/1978	1983/1982
RS	849,317	863,806	881,188	888,029	887,906	895,681	1.50	0.88
RTS					10	25		150.00
GS-1	98,697	98,261	100,017	99,497	99,681	99,662	0.27	-0.02
GS-3	10,107	10,243	10,530	11,423	11,524	11,987	4.16	4.02
LP-4	577	605	638	666	673	690	4.90	2.53
LP-5	75	74	78	77	80	81	0.88	1.25
LP-6	29	30	29	29	28	27	0.00	-3.57
BL	12	11	20	14	13	18	5.27	38.46
SA								
SM	594	598	604	601	601	602	0.39	0.17
SHS	20	29	38	48	59	80	33.89	35.59
SE								
TS	19	19	19	19	19	19	0.00	0.00
RX					87	101		16.09
SI-1	31	29	28	26	22	23	-5.69	4.55
SI-4	12	11	11	10	10	9	-5.90	-10.00
SI-6			2	2	2	2		0.00
GH-1	895	881	869	841	804	790	-2.05	-1.74
GH-2	4,033	3,875	3,799	3,710	3,628	3,500	-2.74	-3.53
GH-4	1,775	1,700	1,639	1,562	1,475	1,400	-4.17	-5.08
12KV Resale	9	9	9	9	9	9	0.00	0.00
66KV Resale	6	6	6	6	6	6	0.00	0.00
UGI	1	1	1	1	1	1	0.00	0.00
TOTAL	966,209	980,188	999,525	1,006,570	1,006,638	1,014,713	1.37	0.80
TOTAL PPUC	966,193	980,172	999,509	1,006,554	1,006,622	1,014,697	1.37	0.80
TOTAL FERC	16	16	16	16	16	16	0.00	0.00

Q. 20. Prepare a 3-column schedule of expenses as described below for the following periods (supply sub-accounts, if significant, to clarify basic accounts):

a. Column 1 -- Test Year
b. Columns 2 and 3 -- List in Columns 2 and 3, two prior years relative to the test year period.

A. 20. The requested schedule of expenses for the twelve months ended July 31, 1980, 1981 and 1982 are supplied on Attachment III-D-20. See Schedules B-4 and B-5 of Exhibit Future 1 for the requested schedule of expenses for the year ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Expenses For The Twelve Months Ended July 31

		1982 (a)	1981 (a)	1980
I.	POWER PRODUCTION EXPENSES			
	STEAM POWER GENERATION			
	OPERATION			
500	Operation Supervision and Engineering	$ 4,465,872	$ 3,627,346	$ 3,088,557
501	Fuel	653,632,161	698,702,008	631,521,827
502	Steam Expenses	10,472,513	9,707,337	8,043,964
505	Electric Expenses	3,310,074	2,860,483	2,634,519
506	Miscellaneous Steam Power Expenses	12,786,674	11,789,670	10,609,729
507	Rents	552,141	448,516	458,321
	Total Operation	$685,219,435	$727,135,360	$656,356,917
	MAINTENANCE			
510	Maintenance Supervision and Engineering	$ 1,711,375	$ 1,312,112	$ 1,197,463
511	Maintenance of Structures	3,746,711	3,236,540	2,431,454
512	Maintenance of Boiler Plant	42,059,501	36,133,740	27,703,445
513	Maintenance of Electric Plant	13,481,588	11,960,709	9,542,520
514	Maintenance of Miscellaneous Steam Plant	3,270,967	2,854,147	2,209,274
	Total Maintenance	$ 64,270,142	$ 55,497,248	$ 43,084,156
	Total Steam Power Production Expenses	$749,489,577	$782,632,608	$699,441,073
	HYDRAULIC POWER GENERATION			
	OPERATION			
535	Operation Supervision and Engineering	$ 674,807	$ 302,381	$ 210,200
536	Water for Power	51,661	45,682	31,862
537	Hydraulic Expenses	633,394	517,367	491,565
538	Electric Expenses	525,163	498,369	451,681
539	Miscellaneous Hydraulic Power Generation Expenses	611,492	487,258	347,517
540	Rents	1,607	1,676	4,584
	Total Operation	$ 2,498,124	$ 1,852,733	$ 1,537,409

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Expenses For The Twelve Months Ended July 31

		1982(a)	1981(a)	1980
MAINTENANCE				
541	Maintenance Supervision and Engineering	$ 95,395	$ 72,156	$ 60,204
542	Maintenance of Structures	368,959	247,202	120,677
543	Maintenance of Reservoirs, Dams and Waterways	1,323,274	817,149	609,885
544	Maintenance of Electric Plant	327,896	335,108	321,728
545	Maintenance of Miscellaneous Hydraulic Plant	524,631	387,806	357,288
	Total Maintenance	$ 2,640,155	$ 1,859,421	$ 1,469,782
	Total Hydraulic Power Production Expenses	$ 5,138,279	$ 3,712,154	$ 3,007,191
	OTHER POWER GENERATION			
OPERATION				
546	Operation Supervision and Engineering	$ 126,719	$ 111,854	$ 111,225
547	Fuel	1,685,109	3,965,623	1,876,097
548	Generation Expenses	105,551	80,306	77,905
549	Miscellaneous Other Power Generation Expenses	43,258	20,743	14,586
550	Rents	857,353	857,353	857,353
	Total Operation	$ 2,817,990	$ 5,035,879	$ 2,937,166
MAINTENANCE				
551	Maintenance Supervision and Engineering	$ 113,918	$ 104,574	$ 99,158
552	Maintenance of Structures	193,986	163,467	69,697
553	Maintenance of Generating and Electric Plant	1,529,768	352,259	1,775,400
	Total Maintenance	$ 1,837,672	$ 620,300	$ 1,944,255
	Total Other Power Generation	$ 4,655,662	$ 5,656,179	$ 4,881,421
	OTHER POWER SUPPLY EXPENSES			
555	Purchased Power	$(235,960,682)	$(368,881,727)	$(413,228,079)
556	System Control and Load Dispatching	3,225,291	2,797,543	2,717,988
557	Other Expenses	1,766,102	13,886,324	6,419,432
	Total Other Power Supply Expenses	$(230,969,289)	$(352,197,860)	$(404,090,659)
	Total Power Production Expenses	$ 528,314,229	$ 439,803,081	$ 303,239,026

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Expenses For The Twelve Months Ended July 31

		1982 (a)	1981 (a)	1980
II.	TRANSMISSION EXPENSES			
	OPERATION			
560	Operation Supervision and Engineering	$ 1,167,380	$ 1,102,438	$ 870,627
561	Load Dispatching	1,842,686	1,795,773	1,701,178
562	Station Expenses	904,791	675,457	574,820
563	Overhead Line Expenses	82,633	99,284	228,189
565	Transmission of Electricity by Others	577,701	461,069	800,393
566	Miscellaneous Transmission Expenses	266,363	327,311	330,356
567	Rents	43,515	47,839	55,510
	Total Operation	$ 4,885,069	$ 4,509,171	$ 4,561,073
	MAINTENANCE			
568	Maintenance Supervision and Engineering	$ 313,591	$ 269,058	$ 206,096
569	Maintenance of Structures	225,755	44,208	118,514
570	Maintenance of Station Equipment	2,755,837	2,043,158	1,737,381
571	Maintenance of Overhead Lines	2,006,362	1,587,930	755,674
573	Maintenance of Miscellaneous Transmission Plant	625,087	534,697	408,959
	Total Maintenance	$ 5,926,632	$ 4,479,051	$ 3,226,624
	Total Transmission Expenses	$ 10,811,701	$ 8,988,222	$ 7,787,697
III.	DISTRIBUTION EXPENSES			
	OPERATION			
580	Operation Supervision and Engineering	$ 2,788,198	$ 2,174,431	$ 2,076,828
581	Load Dispatching	2,416,762	2,253,055	2,040,186
582	Station Expenses	2,150,402	1,530,941	1,387,965
583	Overhead Line Expenses	3,061,787	2,957,819	2,405,057
584	Underground Line Expenses	551,749	652,769	357,719
585	Street Lighting and Signal System Expenses	436,067	478,067	443,997
586	Meter Expenses	3,278,361	2,821,792	2,205,120
587	Customer Installation Expenses	2,846,100	2,546,252	2,291,367
588	Miscellaneous Distribution Expenses	5,974,649	5,273,314	4,738,235
589	Rents	1,555,497	1,509,951	1,572,335
	Total Operation	$ 25,059,572	$ 22,198,391	$ 19,518,809

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Expenses For The Twelve Months Ended July 31

		1982 (a)	1981 (a)	1980
MAINTENANCE				
590	Maintenance Supervision and Engineering	$ 1,800,690	$ 1,472,346	$ 1,272,143
591	Maintenance of Structures	511,638	427,190	439,247
592	Maintenance of Station Equipment	3,594,276	3,224,321	2,788,292
593	Maintenance of Overhead Lines	25,664,890	21,701,355	19,475,020
594	Maintenance of Underground Lines	2,301,789	1,948,471	1,452,429
595	Maintenance of Line Transformers	2,965,667	2,794,477	2,713,597
596	Maintenance of Street Lighting and Signal Systems	1,142,323	997,452	829,132
597	Maintenance of Meters	1,259,353	1,096,263	892,727
598	Maintenance of Miscellaneous Distribution Plant	262,946	204,962	93,834
	Total Maintenance	$ 39,503,572	$ 33,866,837	$ 29,956,421
	Total Distribution Expenses	$ 64,563,144	$ 56,065,228	$ 49,475,230
IV. CUSTOMER ACCOUNTS EXPENSES				
901	Supervision	$ 493,873	$ 451,551	$ 344,092
902	Meter Reading Expenses	5,587,857	5,149,466	4,691,064
903	Customer Records and Collection Expenses	13,600,920	12,057,469	11,333,253
904	Uncollectible Accounts	4,509,110	3,563,930	4,008,446
905	Miscellaneous Customer Accounts Expenses	736,816	657,915	644,734
	Total Customer Accounts Expenses	$ 24,928,576	$ 21,880,331	$ 21,021,589
V. CUSTOMER SERVICE AND INFORMATION EXPENSES				
907	Supervision	$ 49,174	$ 72,488	$ 110,002
908	Customer Assistance Expenses	4,871,367	4,273,603	3,830,080
909	Informational and Instructional Expenses	190,790	255,024	314,182
910	Miscellaneous Customer Service and Information Expenses	542,864	426,517	375,288
	Total Customer Service and Informational Expenses	$ 5,654,195	$ 5,027,632	$ 4,629,552

PENNSYLVANIA POWER & LIGHT COMPANY
Operating Expenses For The Twelve Months Ended July 31

		1982(a)	1981(a)	1980
VI. SALES EXPENSES				
911	Supervision	$ 121,699	$ 112,075	$ 110,441
912	Demonstrating and Selling Expenses	405,254	388,000	364,453
913	Advertising Expenses	82,226	61,922	43,920
916	Miscellaneous Sales Expenses	366,042	330,495	316,562
	Total Sales Expenses	$ 975,221	$ 892,492	$ 835,376
VII. ADMINISTRATIVE AND GENERAL				
920	Administrative and General Salaries	$ 19,669,729	$ 17,454,687	$ 15,653,352
921	Office Supplies and Expenses	11,252,591	9,440,717	8,730,738
923	Outside Services Employed	3,479,377	3,712,435	3,701,429
924	Property Insurance	3,061,979	3,837,462	4,486,496
925	Insurance and Damages	2,732,233	2,816,546	2,693,220
926	Employee Pensions and Benefits	20,117,373	17,324,923	13,623,260
928	Regulatory Commission Expenses	159,704	211,439	62,229
929	Duplicate Charges-Credit-Electric	(6,382,875)	(3,616,308)	(1,892,234)
930	Miscellaneous General Expenses	8,140,057	5,538,640	7,997,701
931	Rents-Office Buildings	70,252	63,092	82,024
932	Maintenance of General Plant	3,620,419	3,582,736	2,615,714
	Total Administrative and General	$ 65,920,839	$ 60,366,369	$ 57,753,929
VIII. DEPRECIATION				
	Electric General	$ 83,974,601	$ 80,470,903	$ 72,884,148
	Electric Project 487	199,122	216,901	196,611
	Electric Project 1881	264,352	287,470	289,902
	Electric Penn Water Non-Project		(51,742)	1,097,215
	Electric Scranton	3,579,301	3,381,929	3,216,338
	Total Depreciation	$ 88,017,376	$ 84,305,461	$ 77,684,214
IX. AMORTIZATION OF PROPERTY LOSSES		$ 560,095	$ 308,832	$ 308,832

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Expenses For The Twelve Months Ended July 31

	1982 (a)	1981 (a)	1980
X. TAXES OTHER THAN INCOME TAXES			
FEDERAL			
Social Security and Hospital Insurance	$ 7,073,771	$ 6,057,522	$ 5,283,194
Unemployment Tax Act	188,936	446,816	521,800
Total Federal	$ 7,262,707	$ 6,504,338	$ 5,804,994
STATE			
Capital Stock	$ 16,996,212	$ 15,391,068	$ 14,837,102
Public Utility Realty	29,125,374	32,483,408	17,738,422
Gross Receipts	53,452,213	43,558,217	36,323,092
Regulatory Commission Assessment	1,366,361	1,425,129	1,325,943
Unemployment Compensation Act	443,623	1,009,658	427,343
Sales and Use	439,079	440,549	408,880
Total State	$101,822,862	$ 94,308,029	$ 71,060,782
LOCAL			
Property	$ 244,374	$ 226,882	$ 197,254
Franchise and License	300	400	200
Total Local	$ 244,674	$ 227,282	$ 197,454
Total Taxes Other Than Income Taxes	$109,330,243	$101,039,649	$ 77,063,230
XI. INCOME TAXES			
Federal	$ 77,530,161	$ 34,306,346	$ 31,365,693
State	26,053,684	9,939,226	9,765,275
Total Income Taxes	$103,583,845	$ 44,245,572	$ 41,130,968
XII. PROVISION FOR DEFERRED INCOME TAXES			
Federal	$146,670,594	$140,573,024	$ 46,446,776
State	36,328,545	35,851,750	11,846,118
Total Provision for Deferred Income Taxes	$182,999,139	$176,424,774	$ 58,292,894

PENNSYLVANIA POWER & LIGHT COMPANY
Operating Expenses For The Twelve Months Ended July 31

XIII. AMORTIZATION OF DEFERRED TAXES - CREDIT	1982 (a)	1981 (a)	1980
Federal	$(182,867,000)	$(130,560,957)	$ (35,790,143)
State	(46,155,481)	(33,141,564)	(8,985,703)
Total Amortization of Deferred Taxes - Credit	$(229,022,481)	$(163,702,521)	$ (44,775,846)
XIV. INVESTMENT TAX CREDITS			
Deferred	$ 24,591,671	$ 5,262,064	$ 6,787,253
Amortization of Deferments - Credit	(2,644,267)	(2,632,331)	(2,418,563)
Total Investment Tax Credits	$ 21,947,404	$ 2,629,733	$ 4,368,690
Total All Taxes	$ 188,838,150	$ 160,637,207	$ 136,079,936
XV. GAIN OR LOSS FROM DISPOSITION OF UTILITY PROPERTY	$ -	$ -	$ 319,311
TOTAL OPERATING EXPENSES	$ 978,583,526	$ 838,274,855	$ 659,134,692

(a) Data for the year 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

Q. 21. Provide the annual recorded expenses by accounts.

A. 21. See response to Regulation III-D-20.

Q. 22. If Deferred Fuel Cost policy is followed, provide the following:

a. State manner is which amount of Deferred Fuel Cost on balance sheet at the end of the test year was determined, and state in which month in the test year such fuel expense was actually incurred. Provide the amount of adjustment for test year-end Deferred Fuel Cost that is made in the rate case operating account. (If different than balance sheet amount, explain).

b. State the amount of Deferred Fuel Cost that appeared on the balance sheet at the opening date of the test year, and the manner in which it was determined.

A. 22. In December, 1981, effective as of January 1, 1982, the Company adopted a policy of recording revenues collectible from customers based on service rendered to the end of the month rather than on the basis of service billed. In accordance with this accounting change, the Company discontinued the recording of deferred fuel and energy costs and has restated its financial statements for 1981 to reflect net unbilled revenues instead of deferred fuel or energy costs. Accordingly, no deferred fuel or energy costs are included in the test year. For additional information concerning unbilled revenues, see the Company's response to Regulation III-D-12.

Q. 23. State whether, at the closing of the period ending the day before the first day of the test year, the balance sheet amount of Deferred Fuel Cost was the same amount as was adjusted from the operating account.

a. State the extent to which the fuel adjustment clause fuel cost per KWH exceeds the fuel cost per KWH charged against base rates at the end of the test year.

(i) Supply the amount of deferred fuel cost contained in the operating statement that was deferred from the 12-month operating period immediately preceding the test year.

(ii) Supply the amount of deferred fuel cost that was removed from the test period and deferred to the period immediately following the test year.

A. 23. In accordance with the Company's change in accounting adopted in 1981 to record unbilled revenues, the Company's restated balance sheet at the beginning of the test year does not include either a deferred fuel cost balance or a deferred energy cost balance. For information concerning unbilled revenues, see the Company's response to Regulation III-D-12.

a. For the month of July, 1982, the energy cost per kWh exceeded the energy cost per kWh charged against base rates by 4.269 mills per kWh.

For the month of July, 1983, the estimated energy cost per kWh is expected to exceed the energy cost per kWh charged against base rates by 2.355 mills per kWh.

(i) Not applicable.
(ii) Not applicable.

Q. 24. Submit a schedule showing maintenance expenses, the gross plant and the relation of maintenance expenses thereto as follows:

(i) Power Production Maintenance Expenses per 1,000 KWH generation, and per $1,000 of Gross Production Plant;
(ii) Transmission Maintenance Expense per kV mile and per $1,000 of Gross Distribution Plant;
(iii) Distribution Maintenance Expenses per customer and per $1,000 of Gross Distribution Plant.

A. 24. Attachment III-D-24 provides the requested information for the twelve months ended July 31, 1982 and July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Maintenance Expense, Gross Plant and Requested Ratios

	Twelve Months Ended July 31, 1982	Twelve Months Ended July 31, 1983 (Projected)
Maintenance Expense - Electric		
Production	$68,747,969	$101,618,000
Transmission	5,926,632	5,780,000
Distribution	39,503,572	42,516,000
Electric Plant in Service (A) ($1,000's)		
Total Production Plant	$ 1,231,520	$ 2,923,652
Total Transmission Plant	376,470	416,759
Total Distribution Plant	1,110,464	1,156,030
Total Generation Mwh	29,645,220	32,412,000
Transmission Lines (A) - kV miles (Pole miles)	296,149	308,759
Total Electric Customers (A)	1,006,638	1,014,713
Requested Ratios		
(i) Power Production Maintenance Expense per 1,000 kwh generation	$ 2.32	$ 3.14
Power Production Maintenance Expense per $1,000 of Gross Production Plant	$ 55.82	$ 34.76
(ii) Transmission Maintenance Expense per kV mile	$ 20.01	$ 18.72
Transmission Maintenance Expense per $1,000 of Gross Transmission Plant (B)	$ 15.74	$ 13.87
(iii) Distribution Maintenance Expense per customer	$ 39.24	$ 41.90
Distribution Maintenance Expense per $1,000 of Gross Distribution Plant	$ 35.57	$ 36.78

(A) At end of period.

(B) Although Regulation III-D-24 (ii) requests transmission expense per $1,000 of "Gross Distribution Plant", it was assumed for purposes of the historic and future test period calculations that this was a typographical error and "Gross Transmission Plant" was used to compute the ratio.

Q. 25. Submit a schedule showing fuel cost in excess of base compared to fuel cost recovery for the period two months prior to the test year and the test year.

A. 25. Attachment III-D-25 presents the comparison of electric energy clause revenues and energy cost recovery. The requested information is provided on page 1 for the months of June and July, 1981 and on page 2 for the twelve months ended July 31, 1982. Page 3 provides similar data for the twelve months ending July 31, 1983.

Effective July 1, 1981, the PUC permitted PP&L to change the computation of its energy clause formula from one based on a moving six-month average of actual energy costs to one which will collect anticipated energy costs for some future period by means of a levelized rate for that period. At the end of the levelization period, any deviation of actual costs from those anticipated would be collected or refunded during the next filing period. At the time of the conversion, July 1, 1981, there was a balance of unrecovered energy costs which would have been recovered under the previous formula. The method of recovering this balance, which was approved by the Commission, (estimated to be $53 million) will be recovered by adding one-third of the amount to the levelized energy rate computation for collection in the remainder of 1981 with the remaining two-thirds to be recovered in 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Energy Clause Reconciliation
For the Month of June 1981

(1) Energy Clause Billing Month	(2) Energy Clause Revenues Excluding Gross Receipts Tax	(3) Energy Costs to be Recovered	(4) Over or (Under) Collection Recovered or Refunded	(5) Total Cost to Be Recovered (3) - (4)	(6) Over or (Under) Collection of Energy Cost for the Month (2) - (5)	(7) Portion of Month's Over or (Under) Collection of Energy Cost Recovered or (Refunded) Through Correction Factor	(8) Balance of Over or (Under) Collection of Energy Cost (6) - (7)
June 1981	$10,334,019	$13,234,263	$571,491	$12,662,772	$(2,328,753)	-	$(2,328,753)

(Last month of billing customers on an energy clause based on 6-month average energy costs incurred)

Energy Cost Rate (ECR) Reconciliation
For the Month of July 1981

(1) onth	(2) Cost of Energy	(3) Total System Sales Kwh	(4) Cost of Energy Mills/Kwh (2)÷(3)	(5) Cost of Energy Over Base (4)-7.228 Mills/Kwh	(6) Retail Sales Kwh	(7) Cost of Energy Over Base (5)x(6)	(8) Gross ECR Revenue	(9) ECR Revenue Excl. Gross Receipts Tax (8)x.955	(10) Deferred Energy Cost Recovered (6)x1.656 Mills/Kwh	(11) Net ECR Revenue (9)-(10)	(12) Over(Under) Recovery (11)-(7)
uly 1981	$ 31,130,882	1,780,234,347	17.487	10.259	1,705,840,882	$ 17,500,222	$ 10,950,865	$ 10,458,076	$ 2,824,873	$7,633,203	$(9,867,019)

(First month of billing customers a levelized energy cost rate)

Attachment III-D-25
Page 1

PENNSYLVANIA POWER & LIGHT COMPANY

Energy Cost Rate (ECR) Reconciliation
12 Months Ended July 31, 1982

(1) Month	(2) Cost of Energy	(3) Total System Sales Kwh (A)	(4) Cost of Energy Mills/Kwh (2)÷(3)	(5) Cost of Energy Over Base (B)	(6) Retail Sales Kwh (C)	(7) Cost of Energy Over Base (5)x(6)	(8) Gross ECR Revenue (D)	(9) ECR Revenue Excl. Gross Receipts Tax (8)x.955	(10) Deferred Energy Cost Recovered (E)	(11) Net ECR Revenue (9)-(10)	(12) Over(Under) Recovery (11)-(7)
1981											
Aug.	$ 28,960,129	1,795,276,819	16.131	8.903	1,721,441,283	$ 15,325,992	$ 11,054,426	$ 10,556,977	$ 2,850,707	$ 7,706,270	$ (7,619,722)
Sept.	28,007,587	1,756,428,701	15.946	8.718	1,676,886,556	14,619,097	10,765,749	10,281,290	2,776,924	7,504,366	(7,114,731)
Oct.	31,862,151	1,793,448,419	17.766	10.538	1,696,660,704	17,879,410	10,882,401	10,392,693	2,809,670	7,583,023	(10,296,387)
Nov.	33,559,715	1,884,098,682	17.812	10.584	1,802,407,477	19,076,681	11,574,828	11,053,961	2,984,787	8,069,174	(11,007,507)
Dec.	40,828,237	2,116,370,361	19.292	12.064	2,013,591,893	24,291,973	12,936,643	12,354,494	3,334,508	9,019,986	(15,271,987)
1982											
Jan.	57,417,027	2,395,285,944	23.971	16.743	2,266,924,200	37,955,112	31,166,620	29,764,122	8,813,801	20,950,321	(17,004,791)
Feb.	35,629,759	2,348,223,289	15.173	7.945	2,235,989,769	17,764,939	30,738,347	29,355,121	8,693,528	20,661,593	2,896,654
Mar.	29,152,365	2,140,553,315	13.619	6.391	2,034,633,209	13,003,341	27,972,611	26,713,844	7,910,654	18,803,190	5,799,849
See Note (F) below											(7,235,103)
Apr.	30,538,599	1,948,529,714	15.673	1.558	1,853,346,587	2,887,514	11,902,192	11,366,593	7,205,812	4,160,781	1,273,267
See Note (F) below											(30,409)
May	29,478,214	1,638,837,975	17.987	3.872	1,571,711,784	6,085,668	10,093,533	9,639,324	6,110,816	3,528,508	(2,557,160)
June	24,939,357	1,697,967,373	14.688	0.573	1,624,739,331	930,976	10,433,296	9,963,798	6,316,987	3,646,811	2,715,835
July	31,139,159	1,693,835,500	18.384	4.269	1,619,947,218	6,915,555	10,402,651	9,934,532	6,298,354	3,636,178	(3,279,377)
Total Over(Under) Recovery											$(68,731,569)

(A) Actual sales to retail and resale customers plus company use. Excludes any interchange sales.

(B) Column (4) minus 7.228 mills/kwh through March 1982 and 14.115 mills/kwh for subsequent months.

(C) Actual sales under Pennsylvania Public Utility Commission (PPUC) jurisdiction.

(D) Actual ECR revenue billed, including recovery of deferred energy costs and gross receipts tax, except for April and May 1982 which are calculated by multiplying column (6) times 6.422 mills/kwh.

(E) Column (6) x 1.656 mills/kwh, effective July through December 1981 -- the amortization rate for the deferred energy costs unrecovered as set forth on Attachment C, Page 3 of the Company's Energy Cost Rate Filing dated June 1981. Column (6) x 3.888 mills/kwh, effective January 1, 1982 -- the combined amortization rates as set forth on Schedule 1 of the Company's 1982 Final Energy Cost Rate Filing dated December 1981 as follows:

Levelized energy costs unrecovered	1.528 mills/kwh
Deferred energy costs unrecovered	2.360 mills/kwh
Total	3.888 mills/kwh

(F) Adjustment applicable to January through March 1982 energy costs rolled into base rates in April and May 1982 in conjunction with the change in ECR from 13.75 to 6.422 mills/kwh in accordance with the PPUC Order entered on March 5, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Estimated Energy Cost Rate (ECR) Reconciliation
12 Months Ended July 31, 1983

(1) Month	(2) Cost of Energy ($000)	(3) Total System Sales (Mwh) (A)	(4) Cost of Energy (Mills/Kwh) (2)÷(3)	(5) Cost of Energy Over Base (Mills/Kwh) (B)	(6) Retail Sales (Mwh) (C)	(7) Cost of Energy Over Base ($000) (5) x (6)	(8) Gross ECR Revenue ($000) (D)	(9) ECR Revenue Excl. Gross Receipts Tax ($000) (8) x .955	(10) Deferred Energy Cost Recovered ($000) (E)	(11) Net ECR Revenue ($000) (9) - (10)	(12) Over(Under) Recovery ($000) (11) - (7)
1982											
Aug.	$29,540	1,756,674	16.816	2.701	1,672,858	$ 4,519	$10,743	$10,260	$6,504	$ 3,756	$ (763)
Sept.	27,361	1,770,935	15.450	1.335	1,702,036	2,272	10,931	10,438	6,618	3,820	1,548
Oct.	31,237	1,692,578	18.455	4.340	1,608,839	6,982	10,332	9,867	6,255	3,612	(3,370)
Nov.	25,583	1,827,628	13.998	(.117)	1,730,667	(204)	11,115	10,614	6,729	3,885	4,089
Dec.	32,923	2,172,303	15.156	1.041	2,057,156	2,142	13,212	12,617	7,998	4,619	2,477
1983											
Jan.	49,967	2,462,537	20.291	6.176	2,314,620	14,293	14,865	14,195	8,999	5,196	(9,097)
Feb.	33,876	2,280,313	14.856	.741	2,168,678	1,606	13,927	13,301	8,432	4,869	3,263
Mar.	29,345	2,195,281	13.367	(.748)	2,095,247	(1,567)	13,458	12,851	8,147	4,704	6,271
Apr.	30,639	1,976,475	15.502	1.387	1,900,458	2,634	12,205	11,655	3,624	8,031	5,397
May	33,800	1,727,020	19.571	5.456	1,663,089	9,075	10,680	10,200	3,172	7,028	(2,047)
Jun.	33,265	1,771,779	18.775	4.660	1,704,240	7,942	10,945	10,452	3,250	7,202	(740)
Jul.	30,129	1,829,399	16.470	2.355	1,754,663	4,130	11,269	10,761	3,346	7,415	3,285
Total Over(Under) Recovery											$10,313

(A) Budgeted sales to retail and resale customers plus company use. Excludes any interchange sales.

(B) Column (4) minus 14.115 mills/kwh.

(C) Budgeted sales under Pennsylvania Public Utility Commission (PPUC) jurisdiction.

(D) Budgeted ECR revenue billed, including recovery of deferred energy costs and gross receipts tax.

(E) Column (6) x 3.888 mills/kwh, effective January 1982 to March 1983 -- the combined amortization rates as set forth on Schedule 1 of the Company's 1982 Final Energy Cost Rate Filing dated December 1981 as follows:

Levelized energy costs unrecovered	1.528 mills/kwh
Deferred energy costs unrecovered	2.360 mills/kwh
Total	3.888 mills/kwh

Column (6) x 1.907 mills/kwh -- effective from April 1983 to recover balance of levelized energy costs unrecovered at January 30, 1983.

Q. 26. Submit a calculation supporting energy cost per KWH and operating ratio used to determine increase in costs other than production to serve additional load.

A. 26. No claim is made for operating expenses other than energy costs due to additional load. See Schedule D-4 of Exhibits Historic I and Future I for detail of energy costs.

Q. 27. Submit detailed calculations for bulk power transmission service costs under supply and/or interconnection agreements.

A. 27. The requested information is shown in Attachment III-D-27. All of the agreements under which the charges described are made are on file as rate schedules with the Federal Energy Regulatory Commission.

PJM Pool-to-Pool Agreements

PJM has individual interconnection agreements with the Allegheny Power System (APS), the Cleveland Electric Illuminating Company (CEI), the New York Power Pool (NYPP), and the Virginia Electric and Power Company (VEPCO). These agreements provide for the interchange of power, and payments therefore under various circumstances if the power 1) is produced by one of the parties for the other, 2) is obtained by one party for the other from an outside source, or, in some cases, 3) produced by one party for delivery by the other party to an outside purchaser. In the last two cases where one party would be an intermediary or "transmitting" party, that party's compensation would be:

Transaction	Condition	Power Supplied by One Party for the Other	Wheeling When Supplier is Third Party
Economy	Purchases which avoid higher cost generation	Demand - Not applicable. Operating Capacity 50/50 split savings based on outside supplier's bill and purchasing party's avoided costs Energy 15% of the savings plus losses (except PJM/VEPCO, which uses 50/50 split savings)	Not applicable.
Emergency (except NYPP)	Buyer cannot supply from own system. Scheduled. Duration limit one or two days (see Extended Emergency).	Demand - Not applicable. Operating Capacity Only PJM: Cost + 1.6 m/k CEI: Cost + 1.1 m/k VEPCO: Cost + 1.1 m/k APS: Lesser of Cost + 10% or Cost + 2.0 m/k Energy + Operating Capacity PJM/APS: The higher of (1) average of supplier's cost and buyer's highest cost block operating, or (2) PJM: Cost + 1.6 m/k + 1.0 m/k (losses) APS: Lesser of Cost + 10% or Cost + 2.0 m/k PJM (except with APS): Cost + 1.6 m/k + 1.0 m/k (losses) CEI: Cost + 1.4 m/k VEPCO: Cost + 1.1 m/k + 1.2 m/k (losses)	Demand - Not applicable. Operating Capacity Only PJM: 0.3 m/k CEI: 0.1 m/k VEPCO: 0.1 m/k APS: Lesser of 10% of supplier's bill or 1.0 m/k Energy + Operating Capacity PJM: 0.3 m/k + 1.0 m/k (losses) CEI: 0.5 m/k VEPCO: 0.1 m/k + 1.2 m/k (losses) APS: Losses + lesser of 10% of supplier's bill or 1.0 m/k
Extended Emergency (or "Supplemental" with NYPP)	(1) "Emergency" supply beyond first day, or (2) "Emergency" supplied to a third party at any time, or (3) PJM/NYPP whenever buyer cannot supply from own system.	Demand ALL: 5 m/k Operating Capacity Only NYPP: Cost + 2 m/k All others: See "Emergency" Energy + Operating Capacity NYPP: Cost + 2 m/k + losses All others: See "Emergency"	Demand PJM: 1.3 m/k NYPP: 1.3 m/k CEI: 1.2 m/k VEPCO: 1.1 m/k APS: 1.7 m/k Operating Capacity Only NYPP: 0.5 m/k All others: See "Emergency" Energy + Operating Capacity NYPP: 0.5 m/k + losses All others: See "Emergency"

Short Term	Buyer is deficient. Weekly reservations.	Demand PJM/APS $1050/MW-wk PJM/CEI 850/MW-wk PJM/VEPCO 850/MW-wk PJM/NYPP 850/MW-wk Operating Capacity Only PJM: Cost + 1.6 m/k CEI: Cost + 1.1 m/k VEPCO: Cost + 1.1 m/k APS: Lesser of Cost + 10% or Cost + 2.0 m/k Energy + Operating Capacity PJM: Cost + 1.6 m/k + 1.0 m/k (losses) CEI: Cost + 1.4 m/k VEPCO: Cost + 1.1 m/k + 1.2 m/k (losses) APS: Lesser of Cost + 10% or Cost + 2.0 m/k	Demand ALL: $240/MW-wk Operating Capacity Only PJM: 0.3 m/k CEI: 0.2 m/k VEPCO: 0.1 m/k APS: Lesser of Supplier's bill or 1.0 m/k Energy + Operating Capacity PJM: 0.3 m/k + 1.0 m/k (losses) CEI: 0.5 m/k VEPCO: 0.1 m/k + 1.2 m/k (losses) APS: Losses + lesser of Cost + 10% or Cost + 1.0 m/k
Conservation	Weekly Reservations.	Demand ALL: 5.0 m/k Energy + Operating Capacity PJM: Cost + 1.5 m/k + 1.0 m/k (losses) NYPP: Cost + 2.0 m/k + losses CEI: Cost + 1.2 m/k VEPCO: Cost + 1.1 m/k + 1.2 m/k (losses) APS: Lesser of Cost + 10% or Cost + 2.0 m/k	Demand PJM: 1.3 m/k NYPP: 1.3 m/k CEI: 1.2 m/k VEPCO: 1.1 m/k APS: 1.7 m/k Energy + Operating Capacity PJM: 0.2 m/k + 1.0 m/k (losses) NYPP: 0.5 m/k + losses CEI: 0.3 m/k VEPCO: 0.02 m/k + 1.2 m/k (losses) APS: Losses
Non-replacement ("Other" in PJM/VEPCO)	Off economy dispatch required for physical reasons.	Demand - Not applicable Oper. Cap. - Not applicable. Energy PJM: Cost + 1.6 m/k + 1.0 m/k (losses) NYPP: Cost + 2.0 m/k + losses CEI: Cost + 1.4 m/k VEPCO: Cost + 1.1 m/k + 1.2 m/k (losses) APS: Lesser of Cost + 10% or Cost + 2.0 m/k	Demand - Not applicable. Oper. Cap. - Not applicable. Energy PJM: 0.3 m/k + 1.0 m/k (losses) NYPP: 0.5 m/k + losses CEI: 0.5 m/k VEPCO: 0.1 m/k + 1.2 m/k (losses) APS: Lesser of 10% of supplier's bill or 1.0 m/k

Allocation of these compensations among the PJM companies is specified in several Schedules of the PJM Agreement. When PJM is the transmitting party, receipts are allocated in combinations of cost, transmission investment, and system generating capacity or capacity excesses as appropriate to the transaction. When PJM is the receiving party, payments to the transmitting party are allocated among the PJM companies according to avoided costs, deficiencies, or installed capacity obligations as appropriate.

Where the cost components tabulated above are specified amounts (as opposed to 10%) they are cost justified.

EHV System Agreement

PP&L as a joint owner of the Keystone and Conemaugh minemouth generating stations in Western Pennsylvania, together with ten other PJM utilities, installed a 500 kv transmission system to transmit the power from the generating stations to the load of the respective owners. A method of payments was developed for equalizing, by percentage ownership, the investments, operation and maintenance of the transmission system. A sample computation is included on Pages 4 and 5 herein. In addition, methods for determining use by the signatories, use entitlement, charges for overuse, and allocation of payments are established. These methods are described on pages 6 through 9.

Susquehanna-Eastern EHV System

PP&L, together with six other PJM utilities installed the Susquehanna-Eastern EHV System as a reinforcement of the existing EHV system to provide for additional interchange of economy energy among PJM companies and improved reliability. In addition the system was designed to transmit the output of TMI #2 generator to load for ME, also a signatory to the Susquehanna-Eastern Agreement. The Susquehanna-Eastern Agreement is similar in form to the EHV Agreement. The method of payment is also similar. A sample of the calculated monthly charges is included on Page 10 herein.

Luzerne Electric Agreement

Luzerne Electric (LU) has its apportionment share of Conemaugh Generating Station output delivered from the EHV system through PP&L's bulk transmission system to points of interconnection between PP&L and LU. PP&L is compensated for this service using an agreed upon procedure as shown on Pages 11 and 12 herein.

Transmission Contract Between PP&L and Balitmore Gas and Electric Company

PP&L has a transmission contract with Baltimore Gas and Electric Company (BC) to transmit BC's share of Safe Harbor output from Safe Harbor and PP&L's Manor and Conestoga Susbtations to the Pennsylvania state line. The charges are as follows:

$13,200/month service charge on the two 230 kv 60 Hz circuits from Safe Harbor via Manor to Graceton and Conastone.

$8,400/month service charge on the single phase 132 kv 25 Hz line from Conestoga to Perryville.

The above charges were negotiated between the two companies and have been in effect since October 1, 1960.

Transmission System Import Capability

PP&L together with the other members of PJM have transmission facilities that comprises a network which enables the capability of importing energy from systems outside PJM. The rates and payment for this import capability is described in Attachment III-D-27 on Page 13.

MONTHLY BILLING - 1979

Computed 1/5/79

TABLE B

EHV SYSTEM AGREEMENT
COMPUTATION OF CHARGES AND CREDITS
APPLICABLE JANUARY 1 1979 AND THEREAFTER
BASED ON ESTIMATED INVESTMENTS

	SCHEDULES 8.04 & 9.02 KEYSTONE & CONEMAUGH			SCHEDULES 8.04 & 10.01 INTER-AREA TIE					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PARTICIPANT	EHV INVESTMENT $	PERCENT PARTICIPATION %	PARTICIPATION AMOUNT (3)X $155560854. $	EHV INVESTMENT $	PERCENT PARTICIPATION %	PARTICIPATION AMOUNT (6)X $ 92345304. $	TOTAL EHV INVESTMENT (2)+(5) $	INVESTMENT RESPONSIBILITY (4)+(7) $	PERCENT %
PS	23275121.	22.67	35265646.	35445310.	20.22	18672221.	58720431.	53937866.	21.76
PE	47633656.	20.86	32449994.	9248321.	25.74	23769681.	56881977.	56219675.	22.68
ACE	2040792.	3.14	4884611.	0.	0.00	0.	2040792.	4884611.	1.97
DPL	2207287.	3.72	5786864.	0.	0.00	0.	2207287.	5786864.	2.33
PL	18685323.	11.86	18449517.	6663046.	13.80	12743652.	25348369.	31193169.	12.58
UGI	309345.	0.56	871141.	0.	0.00	0.	309345.	871141.	0.35
BC	16499017.	15.78	24547503.	19354820.	11.03	10185687.	35853837.	34733190.	14.01
PEP	6485467.	4.86	7560257.	0.	11.38	10508896.	6485467.	18069153.	7.29
JC	0.	8.33	12958219.	0.	0.00	0.	0.	12958219.	5.23
ME	11921608.	8.22	12787102.	5232963.	0.00	0.	17154571.	12787102.	5.16
PN	26503237.	0.00	0.	16400845.	0.00	0.	42904082.	0.	0.00
GPU	0.	0.00	0.	0.	17.85	16465168.	0.	16465168.	6.64
TOTAL	155560854.	100.00	155560854.	92345304.	100.00	92345304.	247906158.	247906158.	100.00

TABLE B

TI-ANT	(11)* EXCESS OF INVESTMENT RESPONSIBILITY OVER INVESTMENT (9)-(8) $	(12)* EXCESS OF INVESTMENT OVER INVESTMENT RESPONSIBILITY (8)-(9) $	(13) TAXES $	STEP ONE (14)* MONTHLY CHARGES FOR TAXES (10)X $82284-(13) $	STEP ONE (15)* MONTHLY CREDITS FOR TAXES (13)-(10)X $82284 $	STEP TWO (16) MONTHLY CHARGES 1% OF (11) $	STEP TWO (17) MONTHLY CREDITS 1% OF (12) $	(18) NET MONTHLY CHARGES FOR EHV SYSTEM (14)+(16) -(15)-(17) $	(19) NET MONTHLY CREDITS FOR EHV SYSTEM (15)+(17) -(14)-(16) $
S	0.	4782565.	7728.	10175.	0.	0.	47826.	0.	37651.
E	0.	662302.	21250.	0.	2590.	0.	6623.	0.	9213.
CE	2843819.	0.	0.	1621.	0.	28438.	0.	30059.	0.
PL	3579577.	0.	19.	1902.	0.	35796.	0.	37698.	0.
L	5844800.	0.	2312.	8042.	0.	58448.	0.	66490.	0.
GI	561796.	0.	13.	276.	0.	5618.	0.	5894.	0.
C	0.	1120647.	49299.	0.	37771.	0.	11206.	0.	48977.
EP	11583686.	0.	58.	5939.	0.	115837.	0.	121776.	0.
C	12958219.	0.	0.	4301.	0.	129582.	0.	133883.	0.
E	0.	4367469.	429.	3815.	0.	0.	43675.	0.	39859.
N	0.	42904082.	1176.	0.	1176.	0.	429041.	0.	430217.
PU	16465168.	0.	0.	5465.	0.	164652.	0.	170117.	0.
TAL	53837065.	53837065.	82284.	41536.	41536.	538371.	538371.	565917.	565917.

NOTE: * ONLY POSITIVE VALUES OF ARITHMETIC COMPUTATIONS ARE USED.

CALCULATION TO NET GPU COMPANIES

TOTAL OF FN AND ME CREDITS	470076.
TOTAL OF JC AND GPU CHARGES	304000.
PE ALENT CREDITS ME AGENT	166076.

DETERMINATION OF USE AND USE ENTITLEMENT OF THE EHV SYSTEM BY THE SIGNATORIES AND ACCOUNTING FOR OVERUSE

Section 3.2 makes provision for the use of the EHV System for purposes compatible with but other than those described in Section 3.1, with the prior approval of the signatories. Two purposes are described in Section 3.1, namely the generating station function and the interarea tie (IAT) function, and the functional assignments of each facility of the EHV System are listed in Schedule 8.04 or revision thereof.

The following procedures shall be applied to determine each signatory's use of the EHV System, its use entitlement, charges for any use beyond its use entitlement ("overuse"), and the allocation of the payments of those charges among the signatories. Use entitlement is determined only in respect to the generating station function in order to retain the IAT function for its originally intended reliability purposes.

I. Determination of Use

This procedure is designed to determine for each signatory its use of the EHV System to serve its load and to transmit any transactions it has arranged, using only the transmission facilities to which it has use entitlement. The procedure is as follows:

A) Determine by computer analysis for each signatory the flow on each facility of the EHV System under the following conditions:

1) Represent the total combined transmission systems of the signatories and disconnect all transmission facilities which the signatory has no entitlement to use.

2) Signatory load set equal to its Diversified Planning Period Peak determined in a manner consistent with the procedures set forth in Schedule 2.211 of the PJM Agreement, and all other signatory loads set equal to zero.

3) Keystone and Conemaugh generation set equal to the signatory's share of the net capability of the stations in accordance with Schedule 9.02 of the Agreement or revision thereof, the remainder of its owned and contracted-for generation economically dispatched, and all other signatories' generation set equal to zero.

4) Represent any transaction between the signatory and others as a block of generation or load at the appropriate tie points.

B) Determine each signatory's MW-miles use of each facility of the EHV System by multiplying the flow determined in I(A) by line length in miles for lines, by 10 miles for each transformer, and by 4 miles for the Cabot and Yukon terminals at Keystone.

II. Determination of Use Entitlement

A) Determine the total effective operating capability of the EHV System assigned to the generating station function as the sum of the MW-miles effective operating capability of each facility calculated by multiplying its summer normal capability sequentially by:

1) 0.8 to provide a margin for operating contingencies;

2) 2/3 or 1 in accordance with Schedule 8.04 of the Agreement, or revision thereof, to represent the portion of the facility assigned to the generating station function;

3) Line length in miles and 10 miles for each transformer.

B) Determine each signatory's use entitlement by multiplying the sum determined in II(A) by its percentage of investment responsibility in Keystone and Conemaugh Stations combined, in accordance with Schedule 9.02 of the Agreement or revision thereof.

III. Determination of Use in Excess of Entitlement (Overuse)

Each signatory's overuse shall be the sum of:

A) The excess, if any, of the sum of its use of generating station function facilities as determined in I(B) over its use entitlement as determined in II(B), and;

B) Any use of facilities which are assigned a 100% IAT function as determined in I(B).

IV. Determination of Charges for Overuse

The monthly charge to each signatory for its overuse of the EHV System shall be the sum of:

A) Charges for overuse of generating station function facilities calculated as:

1) The EHV System investment assigned to the generating station function;

2) Divided by the effective generating station function operating capability for the System in MW-miles determined in II(A);

3) Multiplied by the rate used to compute the net monthly charges and credits as adjusted for taxes under Schedule 13.02 of the Agreement or revision thereof;

4) Multiplied by the MW-miles of overuse as determined in III(A); and

B) Charges for use of each 100% IAT function facility calculated as:

1) The investment in that facility;

2) Divided by the effective operating capability of that facility in MW-miles determined as its summer normal capability multiplied by 0.8 and multiplied by line length in miles for lines, by 10 miles for each transformer, or by 4 miles for each of the Cabot and Yukon terminals.

3) Multiplied by the rate used to compute the net monthly charges and credits as adjusted for taxes under Schedule 13.02 of the Agreement or revision thereof;

4) Multiplied by the MW-miles of overuse as determined in III(B).

V. Billing for Overuse

A) Since the use of the EHV System by a signatory as determined in I is a function of its Diversified Planning Period Peak Load, such use will be calculated at least annually in June based on actual company peaks during the preceding Planning Period and the transmission facilities represented by the investment in the EHV System effective for monthly billing as of January 1 in the preceding Planning Period. Charges determined by such calculation will be billed by the billing agent for the EHV System for each month of the succeeding Planning Period.

B) Use and entitlement will be recalculated upon request of the Administrative Committee or a signatory whenever changes occur in system conditions which could modify the results. Any modifications in charges resulting from such recalculation will become effective as directed by the Administrative Committee.

VI. Allocation of Payments for Overuse

A) Payments for overuse of the generating station function as determined in IV(A) will be allocated in proportion to the allocation of costs assigned to the generating station function as set forth in Schedule 9.02 of the Agreement or revision thereof. However, in the event that the overuse associated with any such allocated payment to a signatory (or signatories)

in combination with that signatory's use exceeds that signatory's entitlement then the payments associated with such excess shall be allocated instead among the other signatories in proportion to the allocation of costs in said Schedule 9.02 for the other signatories.

B) Payments for use of each facility assigned a 100% IAT function as determined in IV (B) will be allocated in proportion to the allocation of costs assigned to the IAT function as set forth in Schedule 10.01 of the Agreement or revision thereof.

SUSQUEHANNA-EASTERN AGREEMENT
MONTHLY CHARGES
APPLICABLE JANUARY 1, 1979 AND THEREAFTER

Participant	S-E Investment $	Participation %	Investment Responsibility $	Excess Responsibility Over Investment $	Monthly Charges (Credits) 1.25% X (4) $
			SCH (A) THREE MILE ISLAND		
PL	1,490,238			(1,490,238)	(18,628)
ME	23,866,424	100.00	25,356,662	1,490,238	18,628
Total	25,356,662	100.00	25,356,662	-	-
			SCH (B) INTERCHANGE - ALL COMPANIES		
PS		26.01	3,266,187	3,266,187	40,828
PE		22.32	2,802,818	2,802,818	35,035
AE		4.88	612,802	612,802	7,660
DPL		6.12	768,515	768,515	9,606
PL	7,073,149	17.20	2,159,877	(4,913,272)	(61,416)
UGI		0.55	69,066	69,066	863
ME	5,484,278	22.92	2,878,162	(2,606,116)	(32,576)
Total	12,557,427	100.00	12,557,427	-	-
			SCH (C) INTERCHANGE - SELECTED COMPANIES		
PS		39.69	591,475	591,475	7,393
PE		34.05	507,426	507,426	6,343
PL	1,490,238	26.26	391,337	(1,098,901)	(13,736)
Total	1,490,238	100.00	1,490,238	-	-

Participant	S-E Investment Responsibility $	Percent of Responsibility %	Monthly Taxes From Investing Co's. $	Monthly Tax Charge (Credit) $
		MONTHLY BILLING OF TAXES		
PS	3,857,662	9.79		457
PE	3,310,244	8.40		430
AE	612,802	1.56		74
DPL	768,515	1.95		93
PL	2,551,214	6.47	1,389	(1,081)
UGI	69,066	0.18		9
ME	28,234,824	71.65	3,377	38
Total	39,404,327	100.00	4,766	-

1978 MONTHLY BILLING CHARGES

Public Service Electric & Gas Company	$ 48,688
Philadelphia Electric Company	41,778
Atlantic City Electric Company	7,734
Delmarva Power & Light Company	9,659
UGI Corporation	872
Total	$108,771

CREDITS

Pennsylvania Power & Light Company	$ 94,861
Metropolitan Edison Company	13,910
Total	$108,771

REVIEW NO. 8 (1-1-81) OF
EXHIBIT C TO LU-PL INTERCONNECTION
OPERATING PRINCIPLES AND PRACTICES (EFFECTIVE
JUNE 1, 1960)

ATTACHED TO SUPPLEMENT TO SUCH OPERATING
PRINCIPLES AND PRACTICES (EFFECTIVE JUNE 1, 1975)

CALCULATION OF RATE TO BE APPLIED TO LU
INSTALLED CAPACITY DEFICIENCIES

1. Rate applicable to PL Group installed deficiencies in the PJM. $28.105/kw/yr

2. Unit cost of specified portion of PL's transmission system:

(a)	Investment at Original Cost as of 10/31/80	$151,034,208	
(b)	Amortization of Investment (Depreciation) at 2.75%		$ 4,153,441
(c)	Operation and Maintenance at 1.0		$ 1,510,342
(d)	Investment Recovered (Accrued Depreciation) as of 10/31/80	$ 30,051,164	
(e)	Net Investment	$120,983,044	
(f)	Return (8.0%) and Taxes (5.1%)		$15,848,779
(g)	Total Annual Costs		$21,512,562
(h)	Average of PL Monthly Peaks, November 1979 through October, 1980, plus 12%		$ 4,313,000
(i)	Unit Cost		$ 4.988/kw/yr

3. Sum of Items 1 and 2(i) $33.09

4. Rate applicable to LU Installed Capacity Deficiencies (nearest divisible by 365) $33.215/kw/yr (9.1¢/kw/day)

A. Item 1 is subject to change any time to correspond to changes made in the PJM rate.

B. Item 2(i) shall be recalculated annually by the Operating Committee using the appropriate values of Items 2(a), 2(d) and 2(h). If the corresponding amount of Item 3 represents a difference of 18.6¢ or more from Item 4, the value of Item 4 shall be increased or decreased as the case may be to the nearest amount divisible by 365 and shall become the effective rate applicable to LU installed capacity deficiencies as of the date agreed by the Operating Committee.

CALCULATION OF MONTHLY CHARGE FOR DELIVERY OF LU APPORTIONMENT OF CONEMAUGH OUTPUT FROM THE EHV SYSTEM TO THE LU SYSTEM

1.	Conemaugh No. 1 and 2 Units . .	1,700,000 kw
2.	Conemaugh Diesels A, B, C and D .	11,000
3.	Total Peak Effective Capacity . .	1,711,000 kw
4.	LU Share of Conemaugh (1.11% x Item 3)	18,992 kw
5.	Current Unit Cost-PL Transmission System $4.988/kw year	
6.	Annual Charge (Item 4 x Item 5)	$94,732.10
7.	Monthly Charge (Item 6 ÷ 12)	$ 7,894.34

SCHEDULE 4.02

Issued: September 8, 1982

Effective: August 9, 1982

RATES AND PAYMENTS FOR TRANSMISSION SYSTEM IMPORT CAPABILITY

a. The transmission facilities provided by each Party Hereto comprise a network which enables the coordinated operation of the generating facilities of the Parties Hereto with those of others to maintain reliability of service and obtain the maximum overall economies consistent therewith. The capability of this network to import energy from others shall be determined by the Office of THE INTERCONNECTION. Each Party Hereto's share of such import capability shall be determined by the MANAGEMENT COMMITTEE.

b. Parties Hereto may be allocated the use of a portion of the share of import capability of other Parties Hereto at a rate determined by the MANAGEMENT COMMITTEE. The initial rate shall be $185 per megawatt-week.

c. At the end of each month, debits and credits to each Party Hereto for allocations of import capability shall be included in the monthly billing statement prepared in accordance with Section 11.1.

Q. 28. Provide a schedule showing

(i) The scheduled and unscheduled outages (in test year) in excess of 48 hours for each station
(ii) the equipment or unit involved,
(iii) the date of outage occurred,
(iv) duration of the outage, and
(v) lost MWH of generation.

Supply maintenance expenses, if available, incurred for each outage. List reimbursable amounts from suppliers of insurance companies.

A. 28. See response to Regulation I-B-4.

Q. 29. Supply a statement of the basic data and calculations for each element considered in support of adjustments to Interchange Energy and Installed Energy and Installed Capacity transactions.

A. 29. The requested information for the years ended July 31, 1982 and 1983, is provided in Schedule D-4 of Exhibits Historic 1 and Future 1, respectively.

Q. 30. Provide a schedule for system and owned generating stations, showing the following:

Net dependable capacity in KWH, by units; megawatt hours generated, by units; plant capacity factor, by units. Show also the total station fuel, maintenance and operating expenses for the test year, twelve-month period prior to the test year and estimates one year subsequent to the test year.

A. 30. See response to Regulation I-B-2.

Q. 31. Submit a schedule, for units to be retired or scheduled for retirement (or equivalent placed in cold reserves) subsequent to the test year, showing station, units, KW capacity, hours of operation during test year, net output generated and cents/KWH of maintenance and fuel expenses.

A. 31. See response to Regulation I-B-3.

Q. 32. Provide a statement explaining the details of firm power purchase (long-term) contracts with affiliated and non-affiliated utilities, including determination of costs, terms of contract, and other significant information.

A. 32. The only major firm power purchased by PP&L is that received from Safe Harbor Water Power Corporation (Safe Harbor). Safe Harbor owns and operates a FERC licensed hydroelectric facility on the Susquehanna River in Pennsylvania.

PP&L is, by contract, entitled to take one-third of the available power and to pay one-third of all costs of operation plus a return on the project net investment. A copy of the Agreement and amendments thereto are provided in Attachment III-D-32, pages 1 through 14.

Pages 15 through 21 of Attachment III-D-32 are excerpts from a Safe Harbor Water Power Corporation filing before FERC (Docket No. ER78-399). A copy of this entire filing is not attached because it consists of over sixty pages and it was provided to the Commission under letter dated May 30, 1978. See Page 20 of Attachment III-D-32. Pages 22 through 25 of Attachment III-D-32 provide a copy of a supplement to this contract dated November 1, 1981.

PP&L has a contract with Allegheny Power System (APS) for the purchase of Short-Term Power. The power will be reserved for one week, the amount and price to be agreed upon at the time of the request by PP&L. The term of the agreement is until the end of 1982. At that time new one year agreements may be negotiated. A copy of the 1982 Agreement is provided in Attachment III-D-32, Pages 26 through 28.

June 1, 1955

Leon M. Fuquay, Secretary
Federal Power Commission
Washington 25, D. C.

Dear Sir:

We herewith file and submit for the approval of the Federal Power Commission a contract between Safe Harbor Water Power Corporation, Baltimore Gas and Electric Company and Pennsylvania Power & Light Company dated June 1, 1955 and by its terms effective on such date subject to the approval of the Commission. Two executed copies of such contract are enclosed.

This contract provides that Baltimore is entitled to 2/3 of the capacity and energy of the Safe Harbor project and Pennsylvania to 1/3 of such capacity and energy. We believe that this division is in accordance with the Commission's order of May 5, 1955 at Docket Nos. E-6597 and E-6598, relating to the proposed merger of Pennsylvania Water & Power Company into Pennsylvania, which, among other things, took into account that such a division (as proposed by Baltimore and Pennsylvania to be made effective after the merger) was an essential part of "a fair settlement of long-drawn-out complicated and expensive litigation" between Baltimore and Penn Water. In its order of May 5, 1955 the Commission pointed out that "one of the most important consequences of the proposed merger will be the termination and disposition of the disputes, litigated and otherwise, between Consolidated and Penn Water, which have created a heavy burden to the two companies and the regulatory commissions".

In view of these circumstances and the other good and sufficient reasons known to and of record before the Commission, the undersigned respectfully request that the contract of June 1, 1955 filed herewith be approved by the Commission as being in the public interest and as being a requisite and proper step in consummation of the above mentioned merger and settlement.

Very truly yours,

BALTIMORE GAS AND ELECTRIC COMPANY
By: Charles F. Crane

PENNSYLVANIA POWER & LIGHT COMPANY
By: Chas. E. Oakley

SAFE HARBOR WATER POWER CORPORATION
By: F. Wilson

SAFE HARBOR CONTRACT

made as of June 1, 1955

effective as of June 1, 1955

between

BALTIMORE GAS AND ELECTRIC COMPANY

PENNSYLVANIA POWER & LIGHT COMPANY

and

SAFE HARBOR WATER POWER CORPORATION

SAFE HARBOR CONTRACT

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SAFE HARBOR CONTRACT

THIS AGREEMENT, made on the 1st day of June 1955, between SAFE HARBOR WATER POWER CORPORATION, a Pennsylvania corporation, hereinafter called "Safe Harbor," BALTIMORE GAS AND ELECTRIC COMPANY, a Maryland corporation, hereinafter called "Baltimore," and PENNSYLVANIA POWER & LIGHT COMPANY, a Pennsylvania corporation, hereinafter called "Pennsylvania."

WITNESSETH THAT,

WHEREAS, Safe Harbor owns and operates a hydroelectric development on the Susquehanna River at Safe Harbor, Pennsylvania, under a license from the Federal Power Commission expiring April 22, 1980, consisting of seven main and two auxiliary generators having an aggregate capacity of approximately 230,000 kw and desires to sell the entire output of such development; and

WHEREAS, Baltimore is engaged in the generation, purchase and sale of electrical power and energy in the City of Baltimore and vicinity and owns two-thirds of the stock of Safe Harbor, one-half of which is voting and the other one-half non-voting stock, and desires to continue to purchase two-thirds of the capacity and energy available from Safe Harbor's existing hydroelectric development; and

WHEREAS, Pennsylvania is engaged in the generation, purchase and sale of electrical power and energy in the eastern part of the Commonwealth of Pennsylvania and is the owner of one-third of the stock of Safe Harbor all of which is voting stock and desires to purchase one-third of the capacity and energy available from Safe Harbor's existing hydroelectric development;

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements herein set forth, Safe Harbor, Baltimore and Pennsylvania do hereby agree each with the others as follows:

ARTICLE 1

Effective Date and Duration of Agreement

1.1 Subject to the approval of the Federal Power Commission, this agreement shall become effective as of the first day of June 1955 and shall remain in force until midnight of April 22, 1980.

ARTICLE 2

Capacity and Energy Entitlements

2.1 Baltimore and Pennsylvania shall be entitled to all the capacity and energy available (other than any which may be required for the performance of any duty or obligation to serve imposed on Safe Harbor by its charter or otherwise by law) from the presently existing hydro-electric development, consisting of seven main and two auxiliary generators having an aggregate capacity of approximately 230,000 kw, this total entitlement to be divided between Baltimore and Pennsylvania as follows:

The part of the total capacity and daily energy available from the presently existing development, measured as of the points of delivery to the facilities of Pennsylvania as set forth in Section 5.1, to which each receiving company is entitled will be called that Company's "contract proportion." Baltimore's contract proportion shall be two-thirds and Pennsylvania's contract proportion one-third.

2.2 Subject to the provisions of Section 3.1, the respective energy entitlements of Baltimore and Pennsylvania shall be delivered in amounts as requested by each

of said parties, or collectively by a representative of both duly appointed by them.

2.3 In the event of an actual or threatened power shortage in their own systems or the systems with which they are interconnected, either Baltimore or Pennsylvania is entitled to draw from the Safe Harbor reservoir its contract proportion of the then available storage. When and if either company alone, in the exercise of its rights under this section, causes a drawdown of the Safe Harbor reservoir, it shall use a portion of its normal energy entitlement to compensate the other purchasing company for its loss in energy and capacity caused by the reduction in head that results from such drawdown.

ARTICLE 3

Coordination of Safe Harbor and Holtwood Operations

3.1 Subject to the provisions of Section 2.3 with respect to situations of actual or threatened power shortage, Safe Harbor and Pennsylvania shall continue to coordinate the operations of the Safe Harbor and Holtwood hydroelectric plants for the purpose of obtaining the optimum utilization of their combined hydro resources, notwithstanding that such coordination may result at certain times in reduced economy or utilization of the separate plant of either company. The parties hereto shall exchange all available information as to river flows, expected loads and plant discharges needed for such continued cooperative use of the available river flow, hydraulic heads and pondage.

ARTICLE 4

Characteristics of Supply

4.1 Unless otherwise agreed by the parties hereto, electrical energy supplied under this agreement to (1) Baltimore shall be in the

form of three-phase alternating current at a nominal frequency of 60 cycles per second and at approximately 220,000 volts, and in the form of single-phase alternating current at a nominal frequency of 25 cycles per second at approximately 13,200 volts, and (2) Pennsylvania shall be in the form of three-phase alternating current at a nominal frequency of 60 cycles per second at approximately 2,300, 66,000 and 220,000 volts, and in the form of single-phase alternating current at a nominal frequency of 25 cycles per second and at approximately 13,200 volts.

4.2 Safe Harbor shall at all times keep its equipment in first-class condition in accordance with good operating practice and shall arrange whenever possible to have all maintenance work done in such manner and at such times as will result in minimum overall costs to the purchasing companies.

ARTICLE 5

Points of Delivery and Transmission

5.1 60-cycle capacity and energy contracted for hereunder shall be delivered to the facilities of Pennsylvania on the high-tension side of the 220,000 volt and 66,000 volt step-up transformers at Safe Harbor and from the 2,300 volt Safe Harbor village circuit in the Manor substation tunnel and 25-cycle capacity and energy shall be delivered to the 13,200 volt bus in Pennsylvania's Conestoga substation and/or elsewhere as the parties hereto shall agree.

Baltimore's entitlement shall be transmitted by Pennsylvania to Baltimore in accordance with the provisions of the transmission contract made by Safe Harbor, Baltimore and Pennsylvania Water & Power Company as of May 18, 1955, as amended June 1, 1955. Pennsylvania is the successor under such contract to Pennsylvania Water & Power Company.

ARTICLE 6

Metering

6.1 Safe Harbor shall provide and maintain suitable electric meters at Safe Harbor and in Pennsylvania's Conestoga substation for the determination of the net sendout from the Safe Harbor plant. This group of meters shall herein be called billing meters.

6.2 Procedure in respect to maintenance, testing, calibration and correction, registration records and precision tolerance of metering equipment shall be in accordance with good practice as may be agreed upon by the parties hereto from time to time.

6.3 Each party hereto shall provide for the other, at such other's expense, such suitable terminals and metering connections in its respective plants as may be reasonably requested for telemetering in connection with the performance of this contract.

ARTICLE 7

Payments for Capacity and Energy

7.1 The total combined annual payment by Baltimore and Pennsylvania to Safe Harbor for capacity and energy shall be made as nearly as possible in equal monthly installments and shall be in such amount as is required to yield to Safe Harbor a fair rate of return on its rate base, all as may from time to time be prescribed or approved by appropriate regulatory authority and after provision for all reasonable operating expenses, including maintenance, general expenses, taxes and depreciation expense. Such annual payment shall initially be made on the basis of a rate of return of 5% and on a rate base all as prescribed and computed in accordance with the Federal Power Commission's Order issued November 4, 1946 in Docket No. IT-5914, after all reasonable operating expenses,

including maintenance, general expenses, taxes and depreciation expense computed as prescribed in said order of the Federal Power Commission. The above payments for energy and capacity shall be subject to increase and/or decrease from time to time by order of the regulatory authorities within their respective powers and jurisdiction.

7.2 The combined annual payment computed as prescribed in Section 7.1 shall be prorated between Baltimore and Pennsylvania in the ratio of their contract proportions, i.e., each shall pay to Safe Harbor its contract proportion of the total payment specified herein.

ARTICLE 8

Terms of Payment

8.1 All bills for capacity and energy as provided in Article 7 shall be rendered by Safe Harbor to Baltimore and Pennsylvania for each calendar month not later than the 10th day of the next succeeding month and shall be paid on or before the 20th day of said month.

ARTICLE 9

Audit of Costs

9.1 For the purpose of determining Safe Harbor's rate base, operating expenses, taxes and depreciation expense as required by the provisions of Article 7, Baltimore and Pennsylvania shall each have complete access to and may audit the accounts of Safe Harbor at any time.

ARTICLE 10

Causes beyond Control

10.1 If at any time during the continuance of this agreement

Safe Harbor shall be prevented from supplying and Baltimore and Pennsylvania from receiving all or any part of the power and energy herein specified, by reason of war, rebellion, civil disturbance, strikes, serious epidemics, major catastrophe, or any other cause of a like nature beyond the control of either party, the obligation of Safe Harbor to supply and the obligation of Baltimore and Pennsylvania to take power and energy herein specified shall cease until such time as the party so incapacitated shall, by the exercise of reasonable diligence, be able to resume such supply or use, and a reasonable abatement in the payments by Baltimore and Pennsylvania shall be made; provided, however, that in no event shall such abatement reduce such payments to less than the respective amounts required by Safe Harbor to pay its bond interest and sinking fund charge, over and above operating expenses, including allowance for depreciation, after crediting Safe Harbor for any revenues from the sale by it of power or energy to others.

ARTICLE 11

Waiver of Rights

11.1 The failure of any party hereto to enforce from time to time a strict performance of any of the covenants and agreements herein contained, or the waiver from time to time of default on the part of any party hereto, shall not be construed as a waiver of any continued, continuing or subsequent default, or defaults, nor impair the rights of any of the parties hereto subsequently to require the strict performance of each and every covenant, agreement and understanding herein contained.

ARTICLE 12

Assignment

12.1 No party hereto shall, without the written consent of

the others, assign or otherwise transfer this agreement but this agreement shall be binding upon and shall inure to the benefit of any successor corporation or corporations with which, or into which, any of the parties hereto may hereafter become consolidated or merged, and to any successor corporation or corporations to any of the parties hereto or to any corporation or corporations with which, or into which, any of the parties hereto may have been consolidated or merged, created by, or arising out of, reorganization or receivership proceedings, or otherwise by law, and to any receiver, trustee-in-bankruptcy or other legally appointed assignee of the assets, property and business of any of the parties hereto, or of such successor corporation or corporations.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be duly executed by their respective officers, thereunto duly authorized and the respective corporate seals to be hereunto affixed as of the day and year first written above.

ATTEST:

Secretary

SAFE HARBOR WATER POWER CORPORATION

By

President

ATTEST:

Secretary

BALTIMORE GAS AND ELECTRIC COMPANY

By

President

ATTEST:

Secretary

PENNSYLVANIA POWER & LIGHT COMPANY

By

President

July 7, 1975

Pennsylvania Power and Light Company
Allantown, Pennsylvania 18101

Safe Harbor Water Power Corporation
Safe Harbor, Pennsylvania 17516

Gentlemen:

In that the PJM Management Committee agreed on February 12, 1974 that the transfer to the Interconnection Office of responsibility for scheduling the hydro plants on PJM will take place when the Operating Committee members representing Philadelphia Electric Company, Pennsylvania Power and Light Company, and Baltimore Gas and Electric Company concur that arrangements have been completed and agree on a transfer date; and, in that the aforementioned Operating Committee members did concur on January 2, 1975 and did agree on the date of January 29, 1975 as the transfer date; and, in that the Interconnection Office is now responsible for the preparation of a hydro schedule which optimizes the economy of all PJM Hydro; the following amendment to our agreement of June 1, 1955 covering the scheduling, load dispatching and coordination of Safe Harbor and Holtwood Hydro Plants is made.

It is agreed, subject to revocation by any of the parties to this agreement by written notice to the other parties, that the Hydro Coordinators responsibility for scheduling for the purpose of obtaining optimum utilization of the combined hydro resources of Safe Harbor and Holtwood Plants will be considered satisfied when they use the hydro schedule prepared by the PJM Interconnection Office.

If the foregoing correctly states your understanding of this amendment, will you please sign this letter below:

Very truly yours,

BALTIMORE GAS AND ELECTRIC COMPANY

By: _____
Vice President-Supply

The foregoing correctly states the amendment to our agreement:

PENNSYLVANIA POWER AND LIGHT COMPANY

By: _____
Vice President

SAFE HARBOR WATER POWER CORPORATION

By: _____
President

BALTIMORE GAS AND ELECTRIC COMPANY
Lexington Building
Baltimore 3, Maryland

June 1, 1955

Pennsylvania Power & Light Company
Allentown, Pennsylvania

Safe Harbor Water Power Corporation
Safe Harbor, Pennsylvania

Dear Sirs:

The following records the agreement among our companies as to the scheduling and load dispatching of the Safe Harbor and Holtwood hydro plants and the coordination of those plants pursuant to Article 3 of the Safe Harbor power contract made as of the first day of June 1955 by our three companies.

The scheduling, load dispatching and coordination of the Safe Harbor and Holtwood hydro plants shall be performed by a group (hereinafter called the Hydro Coordinators) to be located at Safe Harbor and to be equally responsible to the Pennsylvania Power & Light Company (Pennsylvania), Safe Harbor Water Power Corporation (Safe Harbor) and Baltimore Gas and Electric Company (Baltimore). The instructions to the Hydro Coordinators will clearly indicate that they are to carry on the hydro scheduling-load dispatching-coordination functions required by the power contracts between us in strict compliance with the intent of those contracts and in a completely non-partisan manner. The Hydro Coordinators will not have responsibility for system switching, equipment outages or system protection.

Solely for convenience in administration, the Hydro Coordinators shall report to the Management of Safe Harbor, shall be placed on Safe Harbor's payroll and shall be entitled to employee benefits (group insurance, hospitalization, pensions etc.) in accordance with the benefit plans of Safe Harbor. Materials and supplies and any other expenses of the group shall be paid initially by Safe Harbor. The total expenses of the Hydro Coordinators - payrolls, supplies and other expenses - shall be divided equally between our three companies, and Safe Harbor shall bill one-third of the total cost to Pennsylvania and one-third to Baltimore.

If at any time Pennsylvania, Safe Harbor or Baltimore becomes dissatisfied with the manner in which the Hydro Coordinators are functioning it may withdraw its approval of the Hydro Coordinators upon notice to the other two companies, and the Hydro Coordinators' authority to perform the

hydro scheduling-load dispatching-coordination functions shall thereby terminate. In such event the three companies shall take prompt steps to substitute new Hydro Coordinators or make other mutually satisfactory arrangements.

It is understood that in carrying out the appropriate provisions of Article 3 of the Safe Harbor power contract dated June 1, 1955, the Safe Harbor and Holtwood hydro plants will be operated for optimum utilization of their combined hydro resources on the combined load curves of Federal Power Commission Areas 5 and 6 and that for purposes of maximum economy and facility in effecting such operation the Hydro Coordinators will communicate directly with the Pennsylvania-New Jersey Interconnection dispatcher as well as with the Pennsylvania and Baltimore scheduling-dispatching organizations. With respect to Baltimore's operations, Baltimore's scheduling-dispatching organization will communicate directly with the Pennsylvania-New Jersey Interconnection dispatcher.

If the foregoing correctly states your understanding of our agreement, will you please sign this letter below?

BALTIMORE GAS AND ELECTRIC COMPANY
By: Charles P. Crane
President

The foregoing correctly states
the agreement among us.

PENNSYLVANIA POWER & LIGHT COMPANY
By: Chas. R. Oakes
President

SAFE HARBOR WATER POWER CORPORATION
By: F. W. Wolf
President

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

Docket No. ER78-399

Safe Harbor Water Power Corporation
Attention: Mr. G. A. L. Tryhane
President
90 Broad Street
New York, New York 10004

SEP 6 1978

Dear Mr. Tryhane:

By letters dated May 30, June 20 and July 25, 1978, you submitted for filing a supplemental agreement dated July 1, 1978, to your contract dated June 1, 1955, with Baltimore Gas & Electric Company and Pennsylvania Power & Light Company. Your submittal is accepted for filing and is designated as follows:

Safe Harbor Water Power Corporation
Supplement No. 2 to
Rate Schedule FPC No. 6

Good cause has been shown for granting waiver of the notice requirements pursuant to Section 205(d) of the Federal Power Act and Section 35.11 of the Commission's Regulations thereunder; therefore, the rate schedule shall become effective July 1, 1978.

Notice of the submittal was issued June 5, 1978, with responses due on or before June 19, 1978. Notice of the intervention was received from the Public Service Commission of Maryland. Request for intervention was received from the People's Counsel of Maryland.

In accepting your submittal for filing, the Commission takes note of the content of your letter dated August 4, 1978, particularly the following paragraph contained therein:

> "Safe Harbor understands that under current Commission practices construction work in progress should be excluded from its rate base for billing purposes. Accordingly, although this practice departs from that required in the Company's earlier ratemaking FPC Order, Safe Harbor will exclude construction work in progress from its rate base under the proposed rate schedule. The billing calculation will otherwise follow the formula shown in the FPC Order accompanying Opinion 143 in Docket No. IT-5914."

Safe Harbor Water Power Corporation

This acceptance for filing does not constitute approval of any service, rate, charge, classification, or any rule, regulation, contract, or practice affecting such rate or service provided for in the above-designated rate schedule supplement; nor shall such acceptance be deemed as recognition of any claimed contractual right or obligation affecting or relating to such service or rate; and such acceptance is without prejudice to any findings or orders which have been or may hereafter be made by the Commission in any proceeding now pending or hereafter instituted by or against your company.

By direction of the Commission.

Kenneth F. Plumb

Secretary

cc: Baltimore Gas & Electric Company
Pennsylvania Power & Light Company

SAFE HARBOR WATER POWER CORPORATION
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION
DOCKET NO. ER78-399

MAY 31, 1978

STONE & WEBSTER MANAGEMENT CONSULTANTS, INC.

Safe Harbor Water Power Corporation
30 Broad Street, New York
New York 10004

May 30, 1978

Mr. Kenneth F. Plumb, Secretary
Federal Energy Regulatory Commission
825 North Capitol Street, NE
Washington, D.C. 20426

Dear Mr. Plumb,

In accordance with the Commission's Regulations (Part 35) under the Federal Power Act, Safe Harbor Water Power Corporation (Safe Harbor) submits for filing six copies of a proposed Supplemental Agreement dated as of July 1, 1978, to the existing Safe Harbor Contract between the Company and its two customers, Baltimore Gas and Electric Company and Pennsylvania Power & Light Company dated June 1, 1955 (Safe Harbor Water Power Corporation Rate Schedule FPC No. 6). This filing for a change in rate schedule proposes an increase of $909,465 based on a test year ending December 31, 1977. The proposed effective date of the Supplemental Agreement is July 1, 1978.

The following documents are submitted with this filing.

1. A Notice of Rate Schedule Change in a form suitable for publication in the Federal Register.

2. The names and addresses of parties to whom the proposed rate schedule has been mailed.

3. An attestation executed by Safe Harbor's chief accounting officer.

4. The proposed Supplemental Agreement.

5. Testimony and exhibits with required affidavits pursuant to Section 35.13 of the Regulations.

6. A statement comparing sales and revenues under the present and proposed rate schedules for the twelve months preceding the effective date and the twelve months following.

7. The Company's check payable to the Department of Energy in the amount of $9,249 as prescribed in Section 36 of the Regulations.

Annual charges under the present rate schedule are calculated pursuant to a cost of service formula prescribed in a FPC Order issued November 4, 1946 (Docket No. IT-5914). As described in the accompanying testimony, the Company in the proposed rate schedule seeks only to increase its allowed rate of return from 5% to 7.72%. Its present return was set at 5% in 1946 based on a 3% debt rate and a 7% equity rate. Yet, as a hydroelectric licensee, the Company could have earned an 11.42% equity rate and an 8.7% overall rate of return for 1977 if determined as prescribed in the FPC Order No. 550 dated June 24, 1976. This result shows that the equity component in the allowed 5% return is low when compared to the Commission's standards for project licensees. In our testimony, we cite recent cases where allowed equity returns for similar projects have been set at or near 10%, the rate on which the Company's rate request is based. We further state the need to provide relief from impending financing costs associated with capital repairs from flood damage to the Company's generating units. Today, Safe Harbor Water Power Corporation faces a long-term borrowing rate of approximately 9% as a single A rated public utility.

The Company has only one class of service supplying all available capacity to its two customers in accordance with the terms and conditions of the Safe Harbor Contract. A statement comparing the proposed rate schedule with other Company rates is not applicable since there is only one rate schedule. Also, the Company does not need or intend to install or modify facilities at this time to meet the service requirements of this proposal and related maps and diagrams are therefore not presented.

It is requested that copies of all correspondence in regard to this filing be sent to the following.

Mr. G. A. L. Tryhane
President
Safe Harbor Water Power Corporation
90 Broad Street
New York, New York 10004

Mr. James A. Biddison, Jr.
General Counsel
Baltimore Gas and Electric Company
17th Floor Gas and Electric Building
Baltimore, Maryland 21203

Mr. Vincent Butler
Chief Counsel - Regulatory Affairs
Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, Pennsylvania 18101

Copies of this filing have been mailed to Safe Harbor's two customers as represented in the preceding and to the Maryland and Pennsylvania State Commissions.

Mr. Frank J. Wasowicz
Executive Secretary
Public Service Commission of Maryland
904 State Office Building
301 Preston Street
Baltimore, Maryland 21201

Mr. C. J. McElwee, Secretary
Pennsylvania Public Utility Commission
P. O. Box 3265
Harrisburg, Pennsylvania 17120

Copies of the proposed Rate Schedule as tendered for filing are posted at the Company's office in accordance with Section 35.2 (d) of the Commission's Regulations.

Very truly yours,

G. A. L. Tryhane
President

SUPPLEMENTAL AGREEMENT, made as of the 1st day of November, 1981, among SAFE HARBOR WATER POWER CORPORATION, a Pennsylvania corporation, hereinafter called "Safe Harbor", BALTIMORE GAS AND ELECTRIC COMPANY, a Maryland corporation, hereinafter called "Baltimore", and PENNSYLVANIA POWER & LIGHT COMPANY, a Pennsylvania corporation, hereinafter called "Pennsylvania".

W I T N E S S E T H:

WHEREAS, Safe Harbor, Baltimore, and Pennsylvania have entered into an Agreement dated as of June 1, 1955 (the "Safe Harbor Contract") which provides, among other things, for payments by Baltimore and Pennsylvania for capacity and energy from Safe Harbor's hydroelectric plant on the Susquehanna River at Safe Harbor, Pennsylvania (the "Safe Harbor Project"); and

WHEREAS, Safe Harbor, Baltimore, and Pennsylvania have agreed to amend the Safe Harbor Contract.

NOW, THEREFORE, in consideration of the premises and of the mutual covenants herein contained, the Safe Harbor Contract is hereby amended as follows:

1. Section 1.1 shall be changed to read as follows:

"1.1 Subject to the approval of the Federal Energy Regulatory Commission, this agreement shall become effective as of the first day of November, 1981 and shall remain in force while Safe Harbor is the licensee from the Federal Energy Regulatory Commission of the Safe Harbor project."

2. Section 7.1 shall be changed to read to follows:

"7.1 The total combined annual payment by Baltimore and Pennsylvania to Safe Harbor for capacity and energy shall be made as nearly as possible in equal monthly installments and shall be in such amount as is required to yield to Safe Harbor a fair rate of return on its rate base after provision for all reasonable operating expenses, including maintenance, general expenses, taxes and depreciation expense. Depreciation expense and rate base for the purposes of computing such annual payments shall be determined by Safe Harbor pursuant to the order of the Federal Power Commission issued November 4, 1946 at Docket No. IT-5914, except that, in accordance with current Commission practices, construction work in progress is excluded from rate base for billing purposes. A rate of return of 12.76% shall be applied by Safe Harbor to the rate base so calculated for the purpose of determining the return element of the annual payment."

3. Other than as amended above, the said Safe Harbor Contract shall continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Agreement to be executed by duly authorized officers to be effective as of the date first written above.

ATTEST

SAFE HARBOR WATER POWER CORPORATION

William H. Tonkin
Secretary

By Donald B. Chubb
President

ATTEST

Secretary

BALTIMORE GAS AND ELECTRIC COMPANY

By

President

ATTEST

Edward M Nagel

Secretary

PENNSYLVANIA POWER & LIGHT COMPANY

By R R Fortune

Exec. Vice President

Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

September 9, 1982

Harley L. Collins
Senior Vice President,
System Power & Engineering
215 / 770-4206

Mr. Klaus Bergman
Vice President
West Penn Power Company
320 Park Avenue
New York, NY 10022

Re: Reservation for Short-Term Power

Dear Mr. Bergman:

As you know, Monongahela Power Company, The Potomac Edison Company, West Penn Power Company (collectively the "APS Companies"), and Pennsylvania Power and Light Company (PP&L) are among the parties to a certain agreement, dated April 26, 1965 (the APS-PJM Agreement) which, among other schedules, contains a schedule governing the sale and purchase of short-term power. As you also know, the APS-PJM Agreement, effective August 3, 1981, provides for a demand charge for short-term power of $1.05 per kw week and a demand charge for delivering short-term power generated on another system not a party to the APS-PJM Agreement of 24¢ per kw week. The APS-PJM Agreement provides for reservations of short-term power and energy on a weekly basis subject to the capability of the generating company and also provides, in the event a reservation has been accepted and the generating company cannot perform, for the cancellation under those circumstances of one or more days of service.

As we discussed with you, PP&L desires to purchase, and you have indicated that the APS Companies are willing to sell, subject to the availability of their generating units, coal-fired power starting on September 20, 1982, and from time to time during the remainder of 1982 as the parties may desire. Pursuant to the APS-PJM Agreement and as parties thereto, PP&L shall purchase and hereby reserves 200 MW of short-term (to the extent available from APS and interconnected systems) power and energy for 1982 provided that:

1. weekly reservations by PP&L may be for less than 200 MW or none at all and, with the approval of the APS Companies, may be larger than 200 MW, and such weekly reservations which are to be made by telephone and confirmed in writing shall be the basis for the billing;

2. it is recognized that due to an inability to obtain short-term power from its interconnections or in the event the APS Companies for any reason whatsoever, including but not limited to a coal strike or a threat of civil or other penalties to be imposed under federal or state law for operating generating units, are required to close down or "derate" any of their units, that the APS Companies may not be able from time to time to provide the short-term service reserved; and

3. that all reservations and sales shall be made pursuant to the terms and conditions and the price or prices set forth in the applicable short-term power schedule of the APS-PJM Agreement on file with the Federal Energy Regulatory Commission, unless otherwise specifically provided for herein.

Bills for short-term power and energy to be provided by the APS Companies under this and future reservations shall be rendered by West Penn Power Company on behalf of the APS Companies to PP&L on a weekly basis as soon as practicable after the close of the week in which such service is taken and shall be paid by PP&L within seven days thereafter.

PP&L shall notify the APS Companies Dispatch Center of the actual amounts of energy and operating capacity to be taken from time to time and dispatch of such energy shall be coordinated with the Dispatch Center of the Pennsylvania-New Jersey-Maryland Interconnection.

The APS Companies shall deliver all energy purchased hereunder at interconnection points between their system and the Pennsylvania-New Jersey-Maryland Interconnection and PP&L shall be solely responsible for providing the means of transmitting the energy from these points to its system.

It is hereby agreed that all of the general provisions, except as otherwise specified herein and specifically including the provisions governing indemnification and other similar matters contained in the APS-PJM Agreement, shall govern sales under this reservation and future reservations.

If the foregoing is acceptable to you, please so indicate by signing the appropriate space below.

Very truly yours,

Harley L. Collins

Harley L. Collins

dab

The foregoing is acceptable to
the undersigned

Monongahela Power Company

By _____
O. J. Eppich, Vice President

The Potomac Edison Company

By _____
John Adams, Vice President

West Penn Power Company

By _____
Chairman Of The Board

Q. 33. Submit an exhibit showing the actual tree-trimming and right-of-way clearing and spraying expenses paid and payable to independent contractors for the five-year period prior to the test year. In addition, if any of this work is performed by company employees, supply the expenses for the five-year period prior to the test year.

A. 33. Attachment III-D-33 provides the requested tree-trimming and right-of-way clearing and spraying expenses for the years 1977 through July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

LINE CLEARANCE EXPENSES

1977 THROUGH 1981

WORK BY CONTRACTORS

DISTRIBUTION	1977	1978	1979	1980	1981	7 mo. 1982
Tree Trimming	$ 3,999,720	$ 5,135,286	$ 5,474,441	$ 5,908,238	$ 6,755,828	$ 4,442,869
R/W Clearing	121,877	170,130	198,567	426,757	1,437,449	669,176
R/W Spraying	256,563	241,137	205,877	176,574	225,015	24,928
TOTAL DISTRIBUTION	$ 4,378,160	$ 5,546,553	$ 5,878,885	$ 6,511,569	$ 8,418,293	$ 5,136,973
TRANSMISSION						
Tree Trimming	--	--	--	--	--	--
R/W Clearing	$ 156,713	$ 24,302	$ 65,326	$ 320,660	$ 613,095	$ 107,895
R/W Spraying	166,507	127,705	73,640	101,495	146,366	35,037
TOTAL TRANSMISSION	$ 323,220	$ 152,007	$ 138,966	$ 422,155	$ 759,461	$ 142,932
Not Included Above - Storms, etc.	$ 284,318	$ 525,970	$ 179,877	$ 129,021	$ 37,080	$ 79,243
TOTAL CLEARANCE	$ 4,985,698	$ 6,224,530	$ 6,197,728	$ 7,062,745	$ 9,214,833	$ 5,359,148

Q. 34. Submit a schedule showing any deferred income and consultant fees to corporate officers.

A. 34. See response to Regulation III-A-21.

Q. 35. Provide all pertinent data with respect to the calculation in support of the cost/mills per kilowatt-hour amortization rate for nuclear fuel.

A. 35. Pennsylvania Power & Light Company will compute a monthly nuclear fuel amortization rate (expressed in $/MWD of estimated thermal output) for each fuel assembly in Susquehanna Unit 1 reactor. The monthly rate is determined by dividing the unamortized original cost of each assembly by its remaining thermal energy megawatt days. The rate is then multiplied by the actual thermal energy megawatt days reported for the month for Susquehanna to arrive at the amortization cost for each assembly.

The amortization cost for Susquehanna Unit 1 represents the sum of the individual amortization costs for its 764 nuclear fuel assemblies. This method is in accordance with Federal Energy Regulatory Commission guidelines which state that "the utility shall adopt the necessary procedures to assure that charges to this account are distributed according to the thermal energy produced in such periods."[1]

Each component comprising the original cost of the Susquehanna's initial core has been accumulated in unique work orders and the costs have been allocated to the individual assemblies. The estimated life, in terms of thermal energy megawatt days each assembly will produce, has been developed by PP&L's Nuclear Fuels and System Engineering Department.

The formula that will be used to amortize the original cost of each assembly is as follows:

$$\frac{A - B}{C - D} = E \times F = G$$

A = Original Cost Including Capitalized Interest
B = Amortization Recorded to Date
C = Estimated Life in Terms of Thermal Energy Megawatt Days
D = Actual Thermal Energy Megawatt Days to Date
E = Cost per Remaining Thermal Energy Megawatt Days
F = Actual Thermal Energy Megawatt Days for the Month
G = Amortization

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[1] Federal Code of Regulations Title 18 - Conservation of Power, Water Resources Chapter 1 - Federal Energy Regulatory Commission Part 101, Operation and Maintenance Expense Accounts under 1B Account 518 - Power Production Expenses, Nuclear Power Generation, Nuclear Fuel Expense.

This formula will be applied to each in-core assembly by a computerized nuclear fuel accounting system. At this time, the Company does not intend to recognize any estimates for reprocessing costs or salvage values.

In the event the Company determines that an assembly's estimated life in terms of thermal energy megawatt days is going to deviate from original expectations, the charge rate will be changed accordingly.

The objective of PP&L's method for amortizing nuclear fuel is to achieve complete amortization of an assembly at the time it is removed from the reactor.

Attachment III-D-35, pages 1 and 2, demonstrate the calculations used to allocate the original cost of the initial core to the individual assemblies. Attachment III-D-35, page 3, is an example of the calculation performed each month to amortize the original cost of each assembly.

SUSQUEHANNA SES UNIT #1 CYCLE #1

ALLOCATION OF PP&L'S SHARE OF CORE ORIGINAL COST TO INDIVIDUAL ASSEMBLIES

Description	# of Assemblies	Direct Components: U_3O_8 Yellowcake (lbs.)	Direct Components: UF_6 Conversion (kgs.)	Direct Components: Enrichment SWU's	Direct Components: Fabrication $	Direct Costs: U_3O_8 Yellowcake $ (1)	Direct Costs: UF_6 Conversion $ (2)	Direct Costs: Enrichment $ (3)	Direct Costs: Fabrication $ (4)	Sub-Total
Average Enrichment	432	817,152.816	312,746.467	213,115.180	-	$ 7,655,477.10	$ 758,019.21	$16,743,043.16	$14,323,913.62	$39,480,453.09
$/Assembly						17,721.01	1,754.67	38,757.04	33,157.21	91,389.93
Average Enrichment	240	356,764.976	136,543.597	79,080.015	-	3,342,344.36	330,947.53	6,212,791.15	7,957,729.79	17,843,812.83
$/Assembly						13,926.43	1,378.95	25,886.62	33,157.21	74,349.21
Average Enrichment	92	45,433.095	17,388.474	171.276	-	425,638.89	42,145.31	13,456.02	3,050,463.09	3,531,703.31
$/Assembly						4,626.51	458.10	146.26	33,157.21	38,388.08
Totals	764	1,219,350.887	466,678.538	292,366.471	-	$11,423,460.35	$1,131,112.05	$22,969,290.33	$25,332,106.50	$60,855,969.23
Final Costs		$11,423,460.35	$1,131,112.05	$22,969,290.33	$25,332,106.50					
Allocation Rates		9.36847668	2.42374988	78.56335322	33,157.21					

Yellowcake Allocation Rate x U_3O_8 lbs. in each Enrichment Category.

Conversion Allocation Rate x UF_6 kgs. in each Enrichment Category.

Enrichment Allocation Rate x Separate Work Units (SWUs) Applicable to each Enrichment Category.

Equal Amount of Fabrication Costs Applied to each In-Core Assembly.

Computation Continued on Next Page

SUSQUEHANNA SES UNIT #1 CYCLE #1

ALLOCATION OF PP&L'S SHARE OF CORE ORIGINAL COST TO INDIVIDUAL ASSEMBLIES

Description	Sub-Total	Indirect Costs & Interest (5)				Total Costs
		Indirect Costs	AFUDC	Lease Finance Costs-Actual Thru 9-30-82	Lease Finance Costs - Estimate 9-30-82/5-15-82	
2.19 Average Enrichment	$39,480,453.09	$427,245.91	$11,768,701.12	$4,159,502.14	$3,892,514.10	$59,728,416.36
- $/Assembly	91,389.93	988.99	27,242.36	9,628.48	9,010.45	138,260.21
1.76 Average Enrichment	17,843,812.83	193,100.52	5,319,049.78	1,879,952.49	1,759,283.04	26,995,198.66
- $/Assembly	74,349.21	804.59	22,162.71	7,833.14	7,330.35	112,480.00
.71 Average Enrichment	3,531,703.31	38,219.06	1,052,763.15	372,086.13	348,202.86	5,342,974.51
- $/Assembly	38,388.08	415.42	11,443.08	4,044.41	3,784.81	58,075.80
Totals	$60,855,969.23	$658,565.49	$18,140,514.05	$6,411,540.76	$6,000,000.00	$92,066,589.53

(5) Indirect Costs and Interest Applied to each Enrichment Category based on Proportional Share of Total Direct Costs.

A typical calculation for a selected assembly would be as follows:

Assembly ID: LJU179
Avg. Enrichment: 2.19%

(A)	Original Cost	$138,260.21
(B)	Amortization Recorded to Date	-0-
(C)	Estimated Life (Thermal Energy Megawatt Days)	20,057
(D)	Actual Thermal Energy Megawatt Days to Date	-0-
(E)	Cost per Remaining Thermal Energy Megawatt Days	$6.89
(F)	Actual Thermal Energy Megawatt Days for the Month	460
(G)	Amortization	$3,169.40

$$\frac{\$138,260.21 - 0}{20,057 - 0} = \$6.89 \times 460 = \$3,169.40$$

The Amortization Rate of $6.89 MWD/MTU Thermal stated in terms of equivalent MBTU Thermal is 45.99¢/MBTU, for this Assembly.

Q. 36. Provide a schedule showing the calculation of any deferred fuel costs listed in Account 174. Also, explain the accounting, with supporting detail, of any associated income taxes.

A. 36. Account 174 does not include any amounts applicable to deferred fuel or energy costs. Effective January 1, 1981, any amounts previously recorded in account 174 were transferred to account 173, Accrued Utility Revenues in accordance with the change in accounting method to accrue unbilled revenues. In accordance with this accounting change, the Company discontinued the recording of deferred fuel and energy costs and has restated its financial statements for 1981 to reflect net unbilled revenues instead of deferred fuel or energy costs. Accordingly, no deferred fuel or energy costs are included in the test year. For additional information concerning unbilled revenues, see the Company's response to Regulation III-D-12.

Q. 37. Submit a schedule showing the Gross Receipts Tax Base used in computing Pennsylvania Gross Receipts Tax Adjustment.

A. 37. The requested information for the years ended July 31, 1982 and 1983, is provided in Schedule D-15 of Exhibits Historic 1 and Future 1, respectively.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT REGS. IV

RATE STRUCTURE

DOCKET NO. R-822169

RECEIVED
JAN 28 1983
SECRETARY'S OFFICE
Public Utility Commission

Hbg 1/25/83
E. Holbert

DOCKETED
JAN 31 1983

DOCUMENT FOLDER

This book contains responses to each of the pertinent items contained in § 53.53, Part IV (Rate Structure) of the Commission's Regulations (52 Pa. Code § 53.53).

IV-C-1
A. J. Baldwin

Q. 1. Present and proposed base rates contain a fixed fuel charge. Provide a complete set of rate schedules with this fixed fuel charge missing, i.e., assume all fuel costs are collected under the energy clause.

A. 1. See Attachment IV-C-1. Pages 1 through 27 provide the present rate schedules modified to reflect the removal of the base energy cost of 14.115 mills per kilowatt-hour. Pages 28 through 53 provide the proposed rate schedules modified to reflect the removal of the base energy cost of 9.683 mills per kilowatt-hour.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Pa. P.U.C. No. 199
Original Page No. 20

RATE SCHEDULE RS
RESIDENTIAL SERVICE

APPLICATION OF RATE SCHEDULE RS

This rate schedule is for single phase residential service in accordance with the APPLICATION PROVISIONS hereof. The Multiple Dwelling Unit Application is restricted to eight or less dwelling units for applications after August 26, 1976 and further to buildings converted to multiple dwelling units for application after June 28, 1980. The application of the demand credit provision is limited to customers selected for RS Demand Billing experiment for a period of 3 years ending January 1, 1985.

NET MONTHLY RATE (Effective 1-1-82)

$3.77 Per Month Plus
4.6913 ~~6.1020~~ cts. per KWH for the first 200 KWH.
2.9913 ~~4.4020~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $3.77.

DEMAND REDUCTION CREDIT (Effective 1-1-85)

Demand may be metered and billed at locations where consumption on the general use meter alone exceeds 50,000 KWH in the 12 month period ending July 31, 1981 and at such other locations selected by the Company for demand research study. Metered KW is the average KW supplied during the 15 minute period of maximum use during the current billing period taken to the nearest whole KW. In any month when energy use is 2,000 KWH or less, demand billing is not applied.

Demand billing is a credit at the rate of $3.00 per whole KW reduction of metered KW below a demand base computed as follows:

Demand Base = .0027 x (Monthly KWH) + 5.7 KW.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

MULTIPLE DWELLING UNIT APPLICATION

When multiple dwelling units are supplied through one meter, the monthly minimum charge plus each energy block of the above rate is multiplied by the number of dwelling units in the determination of the net monthly bill. Demand billing does not apply under this provision.

SEPARATE WATER HEATING SERVICE

When water heating use is supplied exclusively through a separate meter and is equipped with automatic timing controls, water heating service is billed separately at the rate of $4.50 per month plus 2.1028 cts. per KWH for all KWH use, with a monthly minimum charge of $4.50.

Service through the water heater meter is limited to 9 PM to 7 AM, Mondays to Fridays inclusive and all day Saturday and Sunday. Service hours may be changed by the Company as required to correspond to system off-peak demand, but in no event will water heater service be available for less than 10 hours in any 24 hour period. Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted.

The customer provides the separate meter base and service entrance at the same point of delivery and at the same voltage as the general use service. The water heating installation must be 80 gallons or more equipped with thermostatically controlled non-inductive heating elements so connected that not more than 5,500 watts can operate at one time. Automatic control devices are provided by the Company and installed by the customer as required by the Company to control the hours of service.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

(Continued)

RATE SCHEDULE RS (CONTINUED)

APPLICATION PROVISIONS

(1) This rate schedule is for single phase electric service for:

(a) A single family dwelling and appurtenant detached buildings.
(b) A separate dwelling unit in an apartment house.
(c) A single farm dwelling and general farm uses.
(d) A building previously wired for single meter service which is converted to not more than 8 separate dwelling units served through one meter.

(2) This rate schedule does not apply to:

(a) Residential service that includes more than 2,000 watts of connected load attributable to commercial or professional use exclusive of space heating and air conditioning in common with the residence.

(b) Residential service combined with any commercial or professional use outside the residence or in a section of a multi-use building that is separate from the dwelling unit.

(c) Service which includes common use for halls, basement, or other portions of an apartment building.

(d) Single meter service to multiple dwelling units in buildings constructed after June 28, 1980.

(e) Establishments recognized by name, notice or advertisement, such as hotels, clubs, fraternities, boarding houses, institutions, orphanages, rest homes, tourist homes and rooming houses with more than 3 rooms available for such use and rectories and convents with accommodations for more than 5 adults.

(3) Where any use of service at a residence or on a farm is not eligible for the application of this rate schedule, customer has the option to provide separate circuits so that the portion that is applicable can be metered and billed separately hereunder and the remaining portion can be billed under the applicable general service rate schedule. When separate circuits are not provided, the entire service is billed under the applicable general service rate schedule.

RATE SCHEDULE RTS
RESIDENTIAL SERVICE - THERMAL STORAGE

APPLICATION OF RATE SCHEDULE RTS

This rate schedule is for single phase residential service with load management capabilities in accordance with the APPLICATION PROVISIONS hereof.

NET MONTHLY RATE (Effective 1-1-82)

$11.00 per month plus
$ 2.85 per kilowatt of on-peak billing KW.

1.0913 ~~2.5028~~ cts. per KWH for all KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $11.00.

BILLING KW

The billing demand is the average kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current billing period.

ON-PEAK HOURS

On-peak hours are any fourteen (14) consecutive hours as determined by the Company, Mondays to Fridays inclusive.

Company reserves the right to change from time to time the hours specified above in accordance with the operating conditions on the Company's system.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one-twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than one year. In the event this rate is withdrawn from the Tariff within 10 years of the date of its application to a specific location, the Company will pay $20.00 to the ratepayer of record each month after such withdrawal for the remainder of the 10 year period.

APPLICATION PROVISIONS

1. This rate schedule is applicable to service which would otherwise qualify under Rate Schedule RS except for the following:

   (a) Service to two or more separate dwelling units supplied through a single meter.

   (b) Seasonal service and seasonal use customers.

   (c) Service with separate meter controlled water heater service.

2. Any changes in service entrance equipment to accommodate metering under this rate are made by the customer at his own expense.

3. Load management systems are defined as electric thermal storage space and water heating facilities approved by the Company. The Company reserves the right to inspect such systems at reasonable times and may discontinue billing under this rate schedule whenever, in the Company's sole judgment, the system no longer qualifies.

4. The maximum electric thermal unit that may be connected under this rate schedule is 75 KW. Heating elements must be switched in stages not in excess of 7.5 KW per stage.

5. The Company reserves the right to install necessary devices to control the operation of thermal storage units at its option.

6. Customers who elect to take service under this rate agree to allow the Company to install load survey meters.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Pa. P.U.C. No. 199
Original Page No. 22

RATE SCHEDULE GS-1
SMALL GENERAL SERVICE
AT SECONDARY VOLTAGE OR HIGHER

APPLICATION OF RATE SCHEDULE GS-1

This rate schedule is for small general service at secondary voltage or at a higher available voltage at the option of the customer. The billing demand is limited to 4 KW for accounts served under discontinued rate schedule FC as of June 28, 1980.

NET MONTHLY RATE (Effective 1-1-82)

$5.00 including the first 4 KW of the Billing KW.
$1.27 per kilowatt for all additional kilowatts of the Billing KW.

5.5913 ~~7.0028~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
3.5913 ~~5.0028~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate at the minimum billing demand of 4 KW with zero KWH use.

BILLING KW

Where no demand meter is installed, Billing KW is 4 KW.

The Company installs a demand meter when it estimates that the demand exceeds 4 KW. The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period taken to the nearest 1/2 kilowatt.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Pa. P.U.C. No. 199
Original Page No. 23

RATE SCHEDULE GS-3
LARGE GENERAL SERVICE AT SECONDARY VOLTAGE OR HIGHER

APPLICATION OF RATE SCHEDULE GS-3

This rate schedule is for large general service at secondary voltage, or at a higher available voltage at the option of the customer. Where necessary, the Company furnishes and maintains one transformation from line voltage to a lower Company standard service voltage. However, service from a 66,000 volt line is supplied at not less than 2,300 volts.

NET MONTHLY RATE (Effective 1-1-82)

$5.60 per kilowatt for the first 125 kilowatts of the Billing KW.
3.71 per kilowatt for all additional kilowatts of the Billing KW.

2.3913 ~~3.8020~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
1.9913 ~~3.4020~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
1.5913 ~~3.0020~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW for service from lines below 66,000 volts and 300 kilowatts from the lines of 66,000 volts with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE LP-4
LARGE GENERAL SERVICE AT 12,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-4

This rate schedule is for large general service supplied from available lines of 12,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-1-82)

$5.00 per kilowatt for the first 200 kilowatts of the Billing KW.
3.30 per kilowatt for all additional kilowatts of the Billing KW.

2.2913 ~~3.7028~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
1.5913 ~~3.0028~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
1.2913 ~~1.7028~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE LP-5
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-5

This rate schedule is for large general service supplied, 3 phase only, from available lines of 66,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-1-82)

$3.10 per kilowatt for the first 300 kilowatts of the Billing KW.
$2.75 per kilowatt for all additional kilowatts of the Billing KW.

1.8913 ~~3.3028~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
1.4913 ~~2.3028~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
1.0913 ~~2.3028~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 300 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE LP-6
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER
10,000 BILLING KW MINIMUM

APPLICATION OF RATE SCHEDULE LP-6

This rate schedule is for large general service from available lines of 66,000 volts or higher, with the customer furnishing and maintaining all equipment necessary to transform the energy from the line voltage. It applies to 3 phase, 60 cycle service and also to 1 phase, 25 cycle service at existing locations as of August 28, 1981.

NET MONTHLY RATE (Effective 1-1-82)

$2.70 per kilowatt for all kilowatts of the Billing KW.

1.6913 ~~3.1028~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
1.0913 ~~2.5028~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
0.9913 ~~2.4028~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 10,000 KW with zero KWH use.

FACILITY CHARGE

In addition to the above charges, for 25 cycle service the customer pays the Company $3,450 per month for use of Company facilities.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period, except that where a 1 hr. period of maximum use was in effect as of August 28, 1981 it may be continued for that customer.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE BL
BORDERLINE SERVICE - ELECTRIC UTILITIES

APPLICATION OF RATE SCHEDULE BL

This rate schedule is for borderline service to public utility companies for resale in adjacent territory under reciprocal agreements subject to the following conditions:

1. Request is made in writing for each point of supply where service is desired under said agreement.

2. Service is supplied when Company has available capacity in lines, transformers, generating apparatus or other equipment over and above that required to meet the demands, present and prospective, for service in its own territory, of which fact Company's determination is final.

3. When such service is supplied, the potential, phase and period of service at the desired point of supply shall be mutually agreed upon.

NET MONTHLY RATE (Effective 1-1-82)

4.0913 ~~5.5828~~ cts. per KWH plus 1% on Company's investment in facilities necessary to deliver and meter the service.

The Energy Cost Rate applies to all KWH supplied under this rate.

The energy may be metered at the point of supply or at the nearest suitable point, or the energy may be estimated from the sum of the meter readings of purchaser's customers, plus an agreed upon correction to cover transformation and the line losses from the point of supply.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed.

CONTRACT PERIOD

Not less than 3 years.

RATE SCHEDULE SA
PRIVATE AREA LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SA

This rate schedule is for the lighting of yards, streets, alleys and other areas supplied from existing overhead secondary distribution and contracted for by a private customer.

NET MONTHLY RATE (Effective 1-1-82)

7.67 ~~$8.15~~ per lamp.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

EQUIPMENT AND SERVICE

Company installs and maintains the bracket, luminaire, lamp and photoelectric control on a Company owned wood pole. Lamp is lighted from dusk to dawn or for approximately 4,300 hours per annum.

A mercury vapor lamp of not less than 6,650 initial lumens is installed in an open bottom luminaire on a 30 inch bracket. Lamp replacements are normally made on the first working day after outage notification by the customer to a Company office. There is no credit for outages.

Company installs up to one span of secondary not exceeding 150 feet from an existing secondary voltage supply and one pole for each lamp provided the location of the pole is accessible by a service truck for the installation and maintenance of the lamp and provided the Company is furnished a suitable right-of-way.

Upon request and at the Company's discretion, the Company may install an area light fixture on a suitable customer-owned support.

Where a secondary supply is not available at the desired lamp location and/or where the distance is more than one span, the Company may furnish the service providing the customer reimburses Company for the Company's estimated added investment required to supply the service in each case.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed or not less than 20 days when billed in conjunction with a residential rate schedule. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof except, when billed in conjunction with rate schedules RS, RTS and RX, in which case a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE SM
MERCURY VAPOR STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SM

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) fluorescent lamps - fixtures installed on or before and supplied continuously after May 1, 1968, and fixtures previously supplied under Hershey Electric Company S1R and S2R rates.

(b) private property - customers served on or before and supplied continuously after June 2, 1973 and also prospective customers where a definite rate commitment has been made as of that date so long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company S1R, S2R, SMVO and S rates.

(c) 10,500 lumen and 34,000 lumen mercury vapor lamps - fixtures installed on or before and supplied continuously after June 2, 1973 and also prospective fixtures where a definite rate commitment has been made as of that date as long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company SMVO rate.

(d) steel pole overhead - poles installed on or before and in service continuously after June 2, 1973, and fixtures previously supplied under Hershey Electric Company SMVO and S rates.

(e) customer owned equipment - customers served on or before and supplied continuously after August 26, 1976.

NET MONTHLY RATE (Effective 1-1-82)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Steel Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Mercury Vapor	3,350	100	~~$ 7.40~~ 6.71	-----	~~$12.80~~ 11.61	~~$13.50~~ 12.81	-----	-----
" "	6,650	175	~~8.86~~ 7.77	~~$14.35~~ 13.27	~~14.16~~ 13.07	~~15.06~~ 14.27	~~$17.20~~ 16.12	~~$ 7.25~~ 6.17
" "	10,500	250	~~11.38~~ 9.77	~~16.76~~ 15.24	-----	-----	~~19.40~~ 17.87	~~9.50~~ 7.99
" "	20,000	400	~~14.16~~ 11.75	~~18.60~~ 17.20	-----	-----	~~22.30~~ 20.10	~~12.30~~ 9.90
" "	34,000	700	~~23.00~~ 18.91	~~28.60~~ 24.51	-----	-----	~~30.40~~ 28.31	~~21.00~~ 17.21
" "	51,000	1,000	~~30.05~~ 23.20	~~34.76~~ 29.10	-----	-----	~~38.50~~ 32.85	~~27.20~~ 21.55
Fluorescent	21,800	-----	~~14.10~~ 12.07	~~19.15~~ 17.72	-----	-----	~~22.60~~ 20.57	-----

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is originally contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Lamp fixtures are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary per location.

Steel Pole Overhead Service. Lamps are mounted on steel street lighting poles not exceeding 35 feet in height and supplied by overhead wires. A standard installation under the above rates includes one span of secondary per location.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

(Continued)

RATE SCHEDULE SM (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 35 feet in height and supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

All relocation of fluorescent lamps ordered by customer are at customer's expense.

CONTINUOUS OPERATION

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

SPECIAL INSTALLATIONS

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement. (C)

CUSTOMER CONTRIBUTION

When the Company permits the customer to finance all or a portion of the Company's cost of a street lighting installation, the Company will recognize this financing by crediting customer's street lighting account over 120 consecutive bills with an amount equal to customer's contribution plus interest.

REMOVALS

If customer requests Company to remove any part of a mercury vapor street lighting system to install another mercury vapor street lighting system or any other type of street lighting system and if the mercury vapor luminaires and supporting brackets, which are removed as a result of any requested removal, are less than fifteen years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. Similarly, if the poles and/or conductors exclusively serving the mercury vapor equipment are less than twenty years old upon removal, Company will charge for and customer shall pay for such a change on the same basis used in calculating the luminaire and supporting bracket change.

CUSTOMER OWNED EQUIPMENT (Effective 1-1-82)

Whenever the customer furnishes, installs and owns the entire lighting system using equipment approved by and installed in a manner acceptable to the Company, the Company may, at its discretion, operate and maintain the system at the following net monthly rates.

Lamp Size		Customer Owns and
Wattage	Minimum Initial Lumens	Company Operates & Maintains
100	3,350	$ ~~3.90~~ 3.21
175	6,650	~~5.43~~ 4.37
250	10,500	~~7.35~~ 5.84
400	20,000	~~10.30~~ 7.90
700	34,000	~~17.80~~ 13.71
1000	51,000	~~23.65~~ 18.00

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

The Company's responsibility under the aforementioned charges for maintaining the customer owned lighting system is limited to relamping, cleaning fixtures, and painting poles requiring paint but does not include relocating or replacing all or any part of the street lighting facilities.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

(C) Indicates Change

(Continued)

RATE SCHEDULE SHS
HIGH PRESSURE SODIUM STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SHS

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) metal pole overhead - existing locations served under another of the Company's street lighting rate schedules and locations previously served under Hershey Electric Company Rate Schedule SMVO.

(b) private property - customers served under Rate Schedule SM on or before and supplied continuously after June 2, 1973.

NET MONTHLY RATE (Effective 1-1-82)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS	
	Nominal					Low	High	Additional	
Type	Lumens	Wattage	Wood Pole	Metal Pole	Wood Pole	Mounting	Mounting	Luminaire/Pole	
Sodium	5,800	70	-----	-----	-----	~~$16.15~~ 15.73	-----	-----	
"	9,500	100	~~$10.80~~ 10.30	~~$14.10~~ 14.10	~~$17.45~~ 16.85	~~17.35~~ 16.79	~~$21.20~~ 20.60	~~$ 9.00~~	9.00
"	16,000	150	~~11.95~~ 11.06	~~15.70~~ 14.81	-----	-----	~~28.25~~ 27.36	~~10.00~~	9.11
"	25,500	250	~~18.50~~ 14.90	~~19.50~~ 18.00	-----	-----	~~30.35~~ 28.75	~~13.00~~	11.40
"	50,000	400	~~21.25~~ 18.74	~~23.35~~ 21.44	-----	-----	~~34.70~~ 32.19	~~15.85~~	13.14

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and the input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles, or other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Luminaires are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary conductor per location.

Metal Pole Overhead Service. Lamps are mounted on Company's existing metal poles served by overhead wires. No new overhead supplied metal pole installations will be made under this rate schedule.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

(Continued)

RATE SCHEDULE SHS (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

High Mounting Underground Service. Lamps are mounted on Company's high mounting metal street lighting poles not exceeding 35 feet in height and are supplied by underground cable. A standard installation under the above rates includes a maximum of 175 circuit feet of cable and trenching and backfilling.

Multiple Unit Service. When practical, each additional lamp after the first mounted on a street lighting pole is billed under the above Multiple Unit rate. A standard installation under the above rates includes only the luminaire, lamp, photocontrol, bracket or mast arm and wire in the bracket or mast arm.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

CONTINUOUS OPERATION

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

SPECIAL INSTALLATIONS

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement.

CUSTOMER CONTRIBUTION

When the Company permits the customer to finance all or a portion of the Company's cost of a street lighting installation, the Company will recognize this financing by crediting customer's street lighting account over 120 consecutive bills with an amount equal to customer's contribution plus interest.

REMOVALS

If customer requests Company to remove any part of a mercury vapor street lighting system to install high pressure sodium street lighting equipment or to remove any part of a high pressure sodium street lighting system to install another high pressure sodium street lighting system or any other type of street lighting system and if the mercury vapor or high pressure sodium luminaires and supporting brackets, which are to be removed as a result of any requested removal, are less than fifteen years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. Similarly, if the poles and/or conductors exclusively serving the mercury vapor or high pressure sodium equipment are less than twenty years old upon removal, Company will charge for and customer shall pay for such a change on the same basis used in calculating the luminaire and supporting bracket charge.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed for municipalities and other governmental agencies and 15 days for private owner or agencies. When not so paid, the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

RATE SCHEDULE SE
ENERGY ONLY STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SE

This rate schedule is available only to municipalities or other governmental agencies for the operation of mercury vapor or high pressure sodium street lighting systems on public areas such as streets, highways, bridges and parks where the municipality or other governmental agency provides for the installation, ownership, operation and maintenance of the street lighting equipment. It is available only for mercury vapor or high pressure sodium lamps.

NET MONTHLY RATE (Effective 5-31-82)

(1) Energy Charges

Street Lighting Equipment on Company Pole..... 5.0913 ~~6.5028~~ cts. per KWH

Street Lighting Equipment on Customer Pole or Support..... 1.1713 ~~2.0028~~ cts. per KWH

(2) The Energy Cost Rate applies to all KWH supplied under this rate schedule.

(3) Service hereunder is unmetered with the number of KWH billed for each size lamp calculated based upon the estimated input wattage of the luminaire and 4,300 burning hours per year.

MINIMUM SYSTEM

Application is limited to mercury vapor or high pressure sodium street lights in systems of a minimum of 100 contiguous lamps of one customer. Customer-owned street lights served hereunder may not be intermixed with street lights served under the Company's other street lighting rate schedules.

The 100 lamp minimum may, at Company's option, be waived when a customer desires to take service for its entire street lighting requirements hereunder and said total requirement is less than the 100 lamp minimum.

INITIAL SYSTEM AND FUTURE ADDITIONS

The Customer provides advance written notice to Company (at least 90 days for initial systems or 30 days for additions to existing systems) of its intentions to install customer-owned street lighting hereunder. The notification includes the location, wattage, lumen size, type of equipment and proposed installation date. In addition, for customer-owned street lighting proposed for installation on Company's poles the customer provides the construction specifications for Company's approval.

STANDARD INSTALLATION AND SERVICE

Street Lighting Equipment on Company Wood Pole: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket and the wire from the luminaire to the point of connection with the Company's overhead general distribution system. The Company provides, installs, operates and maintains the wood pole and the overhead secondary wire from Company's general distribution system to the point of connection with customer's wire. Generally, the customer will attach its street lighting system to Company's existing poles; but the Company at its option provides, installs, operates and maintains a maximum of one wood pole and one span of secondary conductor to new locations requested by the customer. The installation by Company in excess of one wood pole and one span of secondary conductor to serve a customer-owned street light is at customer's expense.

Street Lighting Equipment on Customer Pole or Support: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket, pole or support, foundation and wire between poles or supports. The Company provides, installs, operates and maintains one span of overhead secondary conductor to a group of street lights, as defined by Company, on customer-owned poles or supports. The installation by Company in excess of one span of overhead secondary to a group of customer-owned street lights is at customer's expense.

Customer-owned street lighting equipment mounted on poles or supports of other utilities with whom Company has joint-use agreements are billed at the rate for Street Lighting Equipment on Company Poles.

Customer-owned street lighting installed as multiple units on a Company or other utility pole are billed at the rate for Street Lighting Equipment on Customer Pole or Support. Multiple units are defined hereunder as additional lamps installed on a Company or other utility pole already supporting customer-owned street lighting equipment.

Customer-owned street lighting equipment is installed in accordance with Company and industry safety codes and, where installed on Company poles, in accordance with general Company specifications for similar equipment.

(Continued)

RATE SCHEDULE SE (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Any rearrangements, replacements or relocations of Company's electric distribution system required solely for the installation, operation or maintenance of customer's street lighting equipment are at customer's expense.

The Company makes all connections of customer's street lighting system to the Company's available general distribution system. Generally customer-owned street lighting equipment will be served at 120 volts or 240 volts. However, at Company's option, customer-owned street lighting equipment mounted on customer pole or support may be served at other available secondary voltages.

All luminaires served hereunder are operated at alternating current, 60 hertz, single phase and are controlled by photocontrol for dusk to dawn operation every night, approximately 4,300 hours per year.

All relocations of customer-owned street lighting equipment are at customer's expense.

CONTINUOUS OPERATION

When the customer operates individual lamps continuously 24 hours per day, the KWH billed hereunder is doubled for those individual lamps operated continuously.

IDENTIFICATION

Each customer-owned luminaire and support bracket served hereunder must be marked by customer with two adjacent wraps of 2 inch wide, yellow and black diagonal stripped, pressure sensitive tape, clearly identifiable by a groundlevel observer, that indicates customer ownership of the equipment. Company will supply customer with sufficient tape to mark the equipment. In addition, customer notifies the public of customer's ownership of and responsibility for the street lighting equipment in the areas served hereunder and advertises a customer telephone number for public use in reporting malfunctioning equipment. (C)

CHANGE IN SIZE AND TYPE OF STREET LIGHTING UNIT

Written notice of any change in size or type of any components of customer's street lighting system by location is furnished by customer to Company not more than 14 days after the date of such change.

AUDITING

The Company has the right to periodically audit the number and size of lamps of customer's street lighting system. The customer agrees to cooperate with Company during such audits.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

ATTACHMENT AGREEMENT

Customer signs the Company's standard Attachment Agreement for those luminaires mounted by customer on Company's poles. Said Attachment Agreement includes indemnification of Company by customer and provides for purchase of public liability and property damage insurance by customer.

CONTRACT PERIOD

One year and thereafter until terminated in accordance with contract provisions.

(C) Indicates Change

RATE SCHEDULE TS(R)
MUNICIPAL TRAFFIC SIGNAL LIGHTING SERVICE

This rate schedule is in the process of elimination and service hereunder is available only to existing locations continuously supplied hereunder as of August 26, 1976.

APPLICATION OF RATE SCHEDULE TS(R)

This rate schedule is for traffic signal lighting service to cities, boroughs and townships. The minimum under this rate schedule is 50 watts.

NET MONTHLY RATE (Effective 1-1-82)

4.58 ~~3.81~~ cts. per watt of connected load.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

The minimum charge is ~~$2.01~~. 2.29

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

RATE SCHEDULE RX(R)
RESIDENTIAL SERVICE - EXPERIMENTAL RATE

APPLICATION OF RATE SCHEDULE RX(R)

This rate schedule is for single phase service to residential customers selected by the Company for test billing in accordance with the APPLICATION PROVISIONS hereof under an experimental time-of-day rate study approved by the Pennsylvania Public Utility Commission.

NET MONTHLY RATE (Effective 1-1-82)

$11.00 per month plus

5.3913 ~~6.8028~~ cts. per KWH all on-peak KWH use.
1.0913 ~~2.5028~~ cts. per KWH all off-peak KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Monthly Minimum Charge is $11.00.

ON-PEAK HOURS

On-peak hours are Monday to Friday inclusive: 7 A.M. to 9 P.M.

Company reserves the right to change from time to time the hours specified above in accordance with the operating conditions on the Company's system.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate .

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Application of Rate Schedule RX is for the duration of a 24 month study at the termination of which service will be continued under the terms and conditions of the otherwise applicable residential rate schedule.

APPLICATION PROVISIONS

(1) This rate schedule is applied to 100 volunteer residential customers, and to 100 residential customers selected by the Company by statistical random sampling methods, who meet the following criteria:

(a) Existing customers who otherwise qualify for residential Rate Schedule RS.

(b) A minimum of 12 months billing history and annual use in excess of 4,000 KWH in the 12 months preceding the start of tests.

(c) Individual metering through a single meter without application of the multiple dwelling unit provision of the residential rate.

(d) No minimum revenue guarantee obligation with the Company.

(2) The Company provides for any necessary meter changes and changes in customer's service entrance equipment to accommodate the application of the experimental rates contained herein.

(3) Customers who take service under this rate agree to allow the Company to install load survey meters.

(4) Customers who take service under this rate are not eligible for Budget Billing.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Pa. P.U.C. No. 199
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RATE SCHEDULE SI-1(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes installed on or before and supplied continuously after March 28, 1972 and to those lamps previously served under Rate Schedules SI-2(R) and SI-5(R).

APPLICATION OF RATE SCHEDULE SI-1(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-1-82)

LAMP DESCRIPTION		OVERHEAD SUPPLY		UNDERGROUND SUPPLY-METAL POLE	
Type	Lumens	Wood Pole	Metal Pole	Low Mounting	High Mounting
Incandescent	600	~~$ 3.00~~ 3.51	-----	-----	-----
"	1,000	~~5.00~~ 4.48	-----	-----	-----
"	2,500	~~7.00~~ 6.88	~~$11.95~~ 10.23	~~$12.00~~ 10.98	~~$14.00~~ 13.28
"	4,000	~~10.60~~ 8.85	~~13.35~~ 11.70	~~14.10~~ 12.45	~~16.50~~ 14.85
"	6,000	~~13.15~~ 10.88	~~15.65~~ 13.38	~~15.70~~ 13.43	~~18.15~~ 16.48

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. The equipment installed for maintaining facilities covered under the above rate is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities) or by customer's existing underground cable. 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

Metal Pole Overhead Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). The spacing between lamps shall not exceed a maximum of 300 feet measured between poles along one side of the street.

Low Mounting Underground Service. Lamps are mounted on metal street lighting poles approximately 14 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 150 feet measured between poles along one side of the street.

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 200 feet measured between poles along one side of the street.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocation of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

(Continued)

RATE SCHEDULE SI-1(R) (CONTINUED)

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Pa. P.U.C. No. 199
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RATE SCHEDULE SI-4(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service by incandescent lamps is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes as installed on or before and supplied continuously after March 28, 1972.

APPLICATION OF RATE SCHEDULE SI-4(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., or for other governmental agencies, when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-1-82)

OVERHEAD SUPPLIED INCANDESCENT LAMPS ON WOOD POLES

Lumens	Standard Overhead	White Way
1,000	~~$ 4.41~~ 3.89	-----
2,500	~~4.60~~ 6.54	-----
4,000	~~5.90~~ 8.25	~~$10.50~~ 8.85
6,000	~~12.66~~ 10.38	~~13.13~~ 10.80

Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. Equipment originally installed for service under the above rates may be continued in place throughout the useful life thereof. The equipment installed for maintaining facilities covered under the above rates is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

White Way Service. Four or more lamps mounted on bracket type fixtures that are concentrated within a specific area, with a maximum spacing of 200 feet between lamps, are billed at White Way rates.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocations of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

RATE SCHEDULE SI-6(R)
INCANDESCENT STREET LIGHTING SERVICE

The application of this rate schedule to all service is in the process of elimination and the rates for incandescent lamps are available and limited to those fixtures and lamp sizes as installed on or before and supplied continuously after March 1, 1980 and is available only to those customers formerly served under Rate Schedule S1R in Hershey Electric Company's Tariff Electric - Pa. P.U.C. No. 9.

APPLICATION OF RATE SCHEDULE SI-6(R)

This rate schedule is for low mounting underground supplied street lighting service with incandescent lamps.

NET MONTHLY RATE (Effective 1-1-82)

Size of Lamp Lumens	Price Per Lamp	
2,500	~~$11.10~~	10.08
4,000	~~14.10~~	12.45
6,000	~~15.70~~	13.43

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

EQUIPMENT AND SERVICE

Company furnishes and maintains all lamps, fixtures, standards and underground cable required for a complete street lighting system and renews the lamps from time to time as required. The circuits are either series or multiple circuits, as now installed.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocations of lamps ordered by customer are at customer's expense.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years.

RATE SCHEDULE GH-1(R)
SINGLE METER COMMERCIAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-1(R)

This rate schedule is for all electric commercial service supplied through one meter when electricity is the sole source of all of the customer's energy requirements including electric space heating in accordance with the APPLICATION PROVISIONS hereof. Applications may include wholesale and retail trade and associated warehousing operations, office buildings, and establishments providing professional, personal or business services.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-1-82)

$15.00 per month plus
$ 0.75 per KW of Billing KW

4.2913 ~~5.7028~~ cts. per KWH for the next 2,500 KWH.
3.3913 ~~4.8028~~ cts. per KWH for the next 100 KWH per KW of the Billing.
3.0913 ~~4.5028~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $15.00.

Net monthly billing is reduced by 10¢ per KW of billing demand for all customers taking primary service at 12,000 volts or higher, but billing may not be reduced below the minimum provisions hereof.

BILLING KW

The Billing KW is the average kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Monday to Fridays inclusive 7 A.M. to 9 P.M.

Company reserves the right to change from time to time the hours specified above in accordance with the operating conditions on Company's system.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bills, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(Continued)

RATE SCHEDULE GH-1(R) (CONTINUED)

APPLICATION PROVISIONS

(1) This rate schedule applies to single meter service for all of customer's energy requirements, under the following conditions:

(a) The facilities for electric space heating are, in Company's judgment, a significant and integral portion of customer's total energy requirements to be supplied hereunder.
(b) Service supplied hereunder includes all energy requirements on customer's premises in a building.
(c) All service in one building is supplied at one voltage from one service connection.
(d) Another form of energy may be used for classroom instruction, for emergency lighting generators and, upon Company approval, for other similar uses.
(e) When customer occupies an entire building, service hereunder may include uses of service outside the building only when they are directly incident to the principal use of service in the building.

(2) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

RATE SCHEDULE GH-2(R)
SEPARATE METER GENERAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-2(R)

This rate schedule is for separately metered electric space heating service to customers whose general use is supplied under some other general service rate schedule in accordance with the APPLICATION PROVISIONS hereof and may include service for general use in an all electric apartment building when individual living units in the building are metered separately under a residential rate schedule.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-1-82)

9.18 ~~$12.00~~ including 200 KWH.

3.1913 ~~4.0020~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $12.00 which includes 200 KWH.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

APPLICATION PROVISIONS

Service hereunder is applicable under the following conditions:

(a) All the space heating requirements on customer's premises, or in customer's building or newly constructed section thereof, are supplied hereunder through a separate meter from the same point of delivery and at the same voltage as the general service.

(b) Use of service for comfort cooling air conditioning, for commercial cooking and for automatic storage type water heaters with thermostatically controlled noninductive heating units, may be included hereunder in connection with and on the same premises as the space heating equipment. This does not include ventilating fans, water for process purposes and plug-in commercial cooking appliances not used with commercial electric ovens and ranges.

(c) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

RATE SCHEDULE GH-4(R)
GENERAL SERVICE WITH ELECTRIC SPACE HEATING

This rate schedule is in the process of elimination and is available only to customers supplied hereunder continuously on or after January 29, 1970, and also to prospective customers to whom a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-4(R)

This rate schedule is for all electric general service supplied through one meter when electricity is the sole source of all of customer's energy requirements, including electric space heating, in accordance with the APPLICATION PROVISIONS hereof.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-1-82)

$15.00 per month plus
$ 0.75 per KW of Billing KW.

2.9413 ~~4.3538~~ cts. per KWH for all KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $15.00.

Net Monthly Billing is reduced by .05 cts. per KWH for customers, formerly on Rate GH-3(R) Total Electric Service - Schools and Churches, taking primary service at 12,000 volts or higher, but billing may not be reduced below the minimum provisions hereof.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(Continued)

RATE SCHEDULE GH-4(R) (CONTINUED)

APPLICATION PROVISIONS

This rate schedule applies to single meter service for all customer's energy requirements, under the following conditions:

(a) The facilities for electric space heating are, in Company's judgment, a significant and integral portion of customer's total energy requirements to be supplied hereunder.
(b) Service supplied hereunder includes all energy requirements on customer's premises in a building.
(c) All service in one building is supplied at one voltage from one service connection.
(d) Another form of energy may be used for classroom instructions, for emergency lighting generators and, upon Company approval, for other similar uses.
(e) When customer occupies an entire building, service hereunder may include uses of service outside the building only when they are directly incident to the principal use of service in the building.
(f) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

RATE SCHEDULE RS
RESIDENTIAL SERVICE

APPLICATION OF RATE SCHEDULE RS

This rate schedule is for single phase residential service in accordance with the APPLICATION PROVISIONS hereof. The Multiple Dwelling Unit Application is restricted to eight or less dwelling units for applications after August 26, 1976 and further to buildings converted to multiple dwelling units for application after June 28, 1980. The application of the demand credit provision is limited to customers selected for RS Demand Billing experiment for a period of 3 years ending January 1, 1985.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$4.75 Per Month Plus
7.0317 ~~0.0~~ cts. per KWH for the first 200 KWH.
5.0317 ~~0.0~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $4.75.

DEMAND REDUCTION CREDIT (Effective to 1-1-85)

Demand may be metered and billed at locations where consumption on the general use meter alone exceeds 50,000 KWH in the 12 month period ending July 31, 1981 and at such other locations selected by the Company for demand research study. Metered KW is the average KW supplied during the 15 minute period of maximum use during the current billing period taken to the nearest whole KW. In any month when energy use is 2,000 KWH or less, demand billing is not applied.

Demand billing is a credit at the rate of $3.00 per whole KW reduction of metered KW below a demand base computed as follows:

Demand Base = .0027 x (Monthly KWH) + 5.7 KW.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

MULTIPLE DWELLING UNIT APPLICATION

When multiple dwelling units are supplied through one meter, the monthly minimum charge plus each energy block of the above rate is multiplied by the number of dwelling units in the determination of the net monthly bill. Demand billing does not apply under this provision.

SEPARATE WATER HEATING SERVICE (C) (I)

When water heating use is supplied exclusively through a separate meter and is equipped with automatic timing controls, water heating service is billed separately at the rate of $4.50 per month plus ~~2.0~~ 1.0317 cts. per KWH for all KWH use, with a monthly minimum charge of $4.50.

Service through the water heater meter is limited to any consecutive 12 hours starting and ending on the hour, within the 14-hour period of 7 PM to 9 AM local time and all day Saturday and Sunday. Service hours may be changed by the Company as required to correspond to system off-peak demand, but in no event will water heater service be available for less than 12 hours in any 24 hour period. Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted. (C)

The customer provides the separate meter base and service entrance at the same point of delivery and at the same voltage as the general use service. The customer also provides and installs any control device specified by the Company to automatically control the water heater operation. (C)

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE RS (CONTINUED)

APPLICATION PROVISIONS

(1) This rate schedule is for single phase electric service for:

(a) A single family dwelling and appurtenant detached buildings.
(b) A separate dwelling unit in an apartment house.
(c) A single farm dwelling and general farm uses.
(d) A building previously wired for single meter service which is converted to not more than 8 separate dwelling units served through one meter.

(2) This rate schedule does not apply to:

(a) Residential service that includes more than 2,000 watts of connected load attributable to commercial or professional use exclusive of space heating and air conditioning in common with the residence.

(b) Residential service combined with any commercial or professional use outside the residence or in a section of a multi-use building that is separate from the dwelling unit.

(c) Service which includes common use for halls, basement, or other portions of an apartment building.

(d) Single meter service to multiple dwelling units in buildings constructed after June 28, 1980.

(e) Establishments recognized by name, notice or advertisement, such as hotels, clubs, fraternities, boarding houses, institutions, orphanages, rest homes, tourist homes and rooming houses with more than 3 rooms available for such use and rectories and convents with accommodations for more than 5 adults.

(3) Where any use of service at a residence or on a farm is not eligible for the application of this rate schedule, customer has the option to provide separate circuits so that the portion that is applicable can be metered and billed separately hereunder and the remaining portion can be billed under the applicable general service rate schedule. When separate circuits are not provided, the entire service is billed under the applicable general service rate schedule.

(4) Electric water heaters served hereunder must be equipped with thermostatically controlled noninductive heating elements so connected that not more than 5500 watts can be operated at one time. The Company reserves the right to install necessary devices to control the operation of electric water heaters at its option. (C)

(C) Indicates Change

RATE SCHEDULE RTS
RESIDENTIAL SERVICE - THERMAL STORAGE

APPLICATION OF RATE SCHEDULE RTS

This rate schedule is for single phase residential service with load management capabilities in accordance with the APPLICATION PROVISIONS hereof.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$11.00 per month plus
$ 4.25 per kilowatt of on-peak billing KW.

1.831~~9.6~~ cts. per KWH for all KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $11.00.

BILLING KW

The billing demand is the average kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current billing period.

ON-PEAK HOURS (C)

On-peak hours are any consecutive 12 hours, starting and ending on the hour, within the 14-hour system on-peak period from 7 AM to 9 PM local time, Mondays to Fridays except New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one-twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than one year. In the event this rate is withdrawn from the Tariff within 10 years of the date of its application to a specific location, the Company will pay $20.00 to the ratepayer of record each month after such withdrawal for the remainder of the 10 year period.

APPLICATION PROVISIONS

1. This rate schedule is applicable to service which would otherwise qualify under Rate Schedule RS except for the following:

   (a) Service to two or more separate dwelling units supplied through a single meter.

   (b) Seasonal service and seasonal use customers.

   (c) Service with separate meter controlled water heater service.

2. Any changes in service entrance equipment to accommodate metering under this rate are made by the customer at his own expense.

3. Load management capability is the positive automatic control of the operation of any thermal storage system for space heating or water heating which is acceptable to the Company as being effective in limiting on-peak use of electric service. The Company reserves the right to inspect such systems at reasonable times and may discontinue billing under this rate schedule whenever, in the Company's sole judgment, the system no longer qualifies. (C)

4. The maximum electric thermal unit that may be connected under this rate schedule is 75 KW. Heating elements must be switched in stages not in excess of 7.5 KW per stage.

5. The Company reserves the right to install necessary devices to control the operation of the electric components of the thermal storage system at its option. (C)

6. Customers who elect to take service under this rate agree to allow the Company to install load survey meters.

(C)Indicates Change
(I) Indicates Increase

Attachment IV-C-1
Page 31

RATE SCHEDULE GS-1
SMALL GENERAL SERVICE
AT SECONDARY VOLTAGE OR HIGHER

APPLICATION OF RATE SCHEDULE GS-1

This rate schedule is for small general service at secondary voltage or at a higher available voltage at the option of the customer. The billing demand is limited to 4 KW for accounts served under discontinued rate schedule FC as of June 28, 1980.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$6.50 per month plus
$1.70 per kilowatt for all Billing KW in excess of 4 KW.

8.231¢ ~~9.2~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
5.731¢ ~~6.7~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate at the minimum billing demand of 4 KW with zero KWH use.

BILLING KW

Where no demand meter is installed, Billing KW is 4 KW.

The Company installs a demand meter when it estimates that the demand exceeds 4 KW. The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period taken to the nearest 1/2 kilowatt.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

Attachment IV-C-1
Page 32

RATE SCHEDULE GS-3
LARGE GENERAL SERVICE AT SECONDARY VOLTAGE OR HIGHER.

APPLICATION OF RATE SCHEDULE GS-3

This rate schedule is for large general service at secondary voltage, or at a higher available voltage at the option of the customer. Where necessary, the Company furnishes and maintains one transformation from line voltage to a lower Company standard service voltage. However, service from a 66,000 volt line is supplied at not less than 2,300 volts.

NET MONTHLY RATE (Effective 1-22-83)

(C) (I)

$7.10 per kilowatt for the first 125 kilowatts of the Billing KW.
4.70 per kilowatt for all additional kilowatts of the Billing KW.

4.33¢ ~~5.0~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
3.73¢ ~~4.7~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
3.13¢ ~~4.1~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW for service from lines below 66,000 volts and 300 kilowatts from the lines of 66,000 volts with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-4
LARGE GENERAL SERVICE AT 12,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-4

This rate schedule is for large general service supplied from available lines of 12,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$6.55 per kilowatt for the first 200 kilowatts of the Billing KW.
4.15 per kilowatt for all additional kilowatts of the Billing KW.

4.131¢ ~~5.1~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
3.331¢ ~~4.0~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
2.831¢ ~~3.5~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-5
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-5

This rate schedule is for large general service supplied, 3 phase only, from available lines of 66,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$3.90 per kilowatt for the first 300 kilowatts of the Billing KW.
$3.50 per kilowatt for all additional kilowatts of the Billing KW.

3.7317 ~~4.7~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
3.0317 ~~4.0~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
2.5317 ~~3.6~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 300 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-6
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER
10,000 BILLING KW MINIMUM

APPLICATION OF RATE SCHEDULE LP-6

This rate schedule is for large general service from available lines of 66,000 volts or higher, with the customer furnishing and maintaining all equipment necessary to transform the energy from the line voltage. It applies to 3 phase, 60 cycle service and also to 1 phase, 25 cycle service at existing locations as of August 28, 1981.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$3.50 per kilowatt for all kilowatts of the Billing KW.

3.3317 ~~4.2~~ cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
2.9317 ~~3.8~~ cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
2.4317 ~~3.4~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 10,000 KW with zero KWH use.

FACILITY CHARGE

In addition to the above charges, for 25 cycle service the customer pays the Company $3,450 per month for use of Company facilities.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period, except that where a 1 hr. period of maximum use was in effect as of August 28, 1981 it may be continued for that customer.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE RTD
RESIDENTIAL SERVICE - TIME-OF-DAY (C)

APPLICATION OF RATE SCHEDULE RTD

This rate schedule is for single phase residential service metered and billed to recognize time-of-day use in accordance with the APPLICATION PROVISIONS hereof. Billing demand charges are not applied until after May 1, 1984, for customers served under discontinued Rate Schedule RX as of January 22, 1983.

NET MONTHLY RATE (Effective 1-22-83)

$11.00 per month plus.
$ 4.25 per kilowatt for all Billing KW in excess of 7 KW.

10.137 ~~11.1~~ cts. per KWH all on-peak KWH use.
1.837 ~~2.0~~ cts. per KWH all off-peak KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Monthly Minimum Charge is $11.00.

ON-PEAK HOURS

On-peak hours are any consecutive 12 hours, starting and ending on the hour, within the 14-hour system on-peak period from 7 AM to 9 PM local time Monday to Friday except New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

APPLICATION PROVISIONS

(1) This rate schedule is for single phase electric service for:

(a) A single family dwelling and appurtenant detached buildings.
(b) A separate dwelling unit in an apartment house.

(2) This rate schedule does not apply to:

(a) Residential service that includes more that 2,000 watts of connected load attributable to commercial or professional use exclusive of space heating and air conditioning in common with the residence.

(b) Residential service combined with farm use or with any commercial or professional use outside the residence or in a section of a multi-use building that is separate from the dwelling unit.

(c) Service which includes common use for halls, basement, or other portions of an apartment building.

(d) Single meter service to multiple dwelling units.

(e) Establishments recognized by name, notice or advertisement, such as hotels, clubs, fraternities, boarding houses, institutions, orphanages, rest homes, tourist homes and rooming houses with more than 3 rooms available for such use and rectories and convents with accommodations for more than 5 adults.

(3) Where any use of service at a residence or on a farm is not eligible for the application of this rate schedule, customer has the option to provide separate circuits so that the portion that is applicable can be metered and billed separately hereunder and the remaining portion can be billed under the applicable general service rate schedule. When separate circuits are not provided, the entire service is billed under the applicable general service rate schedule.

(C) Indicates Change

RATE SCHEDULE BL
BORDERLINE SERVICE - ELECTRIC UTILITIES

APPLICATION OF RATE SCHEDULE BL

This rate schedule is for borderline service to public utility companies for resale in adjacent territory under reciprocal agreements subject to the following conditions:

1. Request is made in writing for each point of supply where service is desired under said agreement.

2. Service is supplied when Company has available capacity in lines, transformers, generating apparatus or other equipment over and above that required to meet the demands, present and prospective, for service in its own territory, of which fact Company's determination is final.

3. When such service is supplied, the potential, phase and period of service at the desired point of supply shall be mutually agreed upon.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

6.5317 ~~4.5~~ cts. per KWH plus 1% on Company's investment in facilities necessary to deliver and meter the service.

The Energy Cost Rate applies to all KWH supplied under this rate.

The energy may be metered at the point of supply or at the nearest suitable point, or the energy may be estimated from the sum of the meter readings of purchaser's customers, plus an agreed upon correction to cover transformation and the line losses from the point of supply.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed.

CONTRACT PERIOD

Not less than 3 years.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE SA
PRIVATE AREA LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SA

This rate schedule is for the lighting of yards, streets, alleys and other areas supplied from existing overhead secondary distribution and contracted for by a private customer.

NET MONTHLY RATE (Effective 1-22-83)

(C) (I)

10.31 ~~$11.05~~ per lamp.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

EQUIPMENT AND SERVICE

Company installs and maintains the bracket, luminaire, lamp and photoelectric control on a Company owned wood pole. Lamp is lighted from dusk to dawn or for approximately 4,300 hours per annum.

A mercury vapor lamp of not less than 6,650 initial lumens is installed in an open bottom luminaire on a 30 inch bracket. Lamp replacements are normally made on the first working day after outage notification by the customer to a Company office. There is no credit for outages.

Company installs up to one span of secondary not exceeding 150 feet from an existing secondary voltage supply and one pole for each lamp provided the location of the pole is accessible by a service truck for the installation and maintenance of the lamp and provided the Company is furnished a suitable right-of-way.

Upon request and at the Company's discretion, the Company may install an area light fixture on a suitable customer-owned support.

Where a secondary supply is not available at the desired lamp location and/or where the distance is more than one span, the Company may furnish the service providing the customer reimburses Company for the Company's estimated added investment required to supply the service in each case.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed or not less than 20 days when billed in conjunction with a residential rate schedule. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof except, when billed in conjunction with rate schedules RS, RTS and RTD, in which case a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE SM
MERCURY VAPOR STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SM

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) fluorescent lamps - fixtures installed on or before and supplied continuously after May 1, 1968, and fixtures previously supplied under Hershey Electric Company S1R and S2R rates.

(b) private property - customers served on or before and supplied continuously after June 2, 1973 and also prospective customers where a definite rate commitment has been made as of that date so long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company S1R, S2R, SMVO and S rates.

(c) 10,500 lumen and 34,000 lumen mercury vapor lamps - fixtures installed on or before and supplied continuously after June 2, 1973 and also prospective fixtures where a definite rate commitment has been made as of that date as long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company SMVO rate.

(d) steel pole overhead - poles installed on or before and in service continuously after June 2, 1973, and fixtures previously supplied under Hershey Electric Company SMVO and S rates.

(e) customer owned equipment - customers served on or before and supplied continuously after August 26, 1976.

(f) 2000 lumen and 51000 lumen mercury vapor lamps — fixtures installed on or before and supplied continuously after January 22, 1983 and additions at locations adjacent to such existing installations. (C)

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Steel Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Mercury Vapor	3,350	100	~~$ 9.25~~ 8.77	-----	~~$15.30~~ 14.82	~~$18.15~~ 16.27	-----	-----
" "	6,650	175	~~11.20~~ 10.46	~~$17.90~~ 17.16	~~17.70~~ 16.96	~~19.15~~ 18.41	~~$21.45~~ 20.71	~~$ 9.20~~ 8.46
" "	10,500	250	~~14.05~~ 13.31	~~21.00~~ 19.96	-----	-----	~~24.20~~ 23.16	~~12.05~~ 11.01
" "	20,000	400	~~18.10~~ 16.96	~~24.00~~ 23.16	-----	-----	~~28.35~~ 26.71	~~15.80~~ 14.16
" "	34,000	700	~~29.15~~ 26.65	~~36.00~~ 33.50	-----	-----	~~40.95~~ 38.15	~~27.40~~ 24.60
" "	51,000	1,000	~~37.05~~ 33.18	~~44.20~~ 40.43	-----	-----	~~48.90~~ 45.03	~~35.05~~ 31.18
Fluorescent	21,800	-----	~~18.10~~ 16.70	~~24.96~~ 23.55	-----	-----	~~29.40~~ 27.90	-----

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is originally contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Lamp fixtures are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary per location.

Steel Pole Overhead Service. Lamps are mounted on steel street lighting poles not exceeding 35 feet in height and supplied by overhead wires. A standard installation under the above rates includes one span of secondary per location.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SM (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling. (C)

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 35 feet in height and supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

All relocation of fluorescent lamps ordered by customer are at customer's expense.

CONTINUOUS OPERATION

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

SPECIAL INSTALLATIONS

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement.

CUSTOMER CONTRIBUTION

When the Company permits the customer to finance all or a portion of the Company's cost of a street lighting installation, the Company will recognize this financing by crediting customer's street lighting account over 120 consecutive bills with an amount equal to customer's contribution plus interest.

REMOVALS

If customer requests Company to remove any part of a mercury vapor street lighting system to install another mercury vapor street lighting system or any other type of street lighting system and if the mercury vapor luminaires and supporting brackets, which are removed as a result of any requested removal, are less than fifteen years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. Similarly, if the poles and/or conductors exclusively serving the mercury vapor equipment are less than twenty years old upon removal, Company will charge for and customer shall pay for such a change on the same basis used in calculating the luminaire and supporting bracket change.

CUSTOMER OWNED EQUIPMENT (Effective 1-22-83) (C) (I)

Whenever the customer furnishes, installs and owns the entire lighting system using equipment approved by and installed in a manner acceptable to the Company, the Company may, at its discretion, operate and maintain the system at the following net monthly rates.

Lamp Size		Customer Owns and
Wattage	Minimum Initial Lumens	Company Operates & Maintains
100	3,350	~~$ 5.00~~ 4.52
175	6,650	~~7.05~~ 6.31
250	10,500	~~9.46~~ 8.41
400	20,000	~~13.35~~ 11.71
700	34,000	~~20.05~~ 20.25
1000	51,000	~~30.15~~ 26.88

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

The Company's responsibility under the aforementioned charges for maintaining the customer owned lighting system is limited to relamping, cleaning fixtures, and painting poles requiring paint but does not include relocating or replacing all or any part of the street lighting facilities.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SHS
HIGH PRESSURE SODIUM STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SHS

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) metal pole overhead - existing locations served under another of the Company's street lighting rate schedules and locations previously served under Hershey Electric Company Rate Schedule SMVO.

(b) private property - customers served under Rate Schedule SM on or before and supplied continuously after June 2, 1973.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS	
Type	Nominal Lumens	Wattage	Wood Pole	Metal Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole	
Sodium	5,800	70	-----	-----	-----	~~$13.85~~ 18.56	-----	-----	
"	9,500	100	~~$12.75~~ 12.34	~~$17.10~~ 16.69	~~$20.30~~ 19.89	~~20.28~~ 19.77	~~$24.85~~ 24.24	~~$11.25~~ 10.84	
"	16,000	150	~~14.06~~ 13.44	~~18.40~~ 17.79	-----	-----	~~25.95~~ 25.34	~~11.80~~ 11.19	
"	25,500	250	~~19.60~~ 18.50	~~23.10~~ 22.00	-----	-----	~~35.45~~ 34.35	~~15.30~~ 14.40	
"	50,000	400	~~25.05~~ 23.63	~~28.40~~ 26.68	-----	-----	~~40.00~~ 39.08	~~18.00~~ 17.08	

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and the input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles, or other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Luminaires are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary conductor per location.

Metal Pole Overhead Service. Lamps are mounted on Company's existing metal poles served by overhead wires. No new overhead supplied metal pole installations will be made under this rate schedule.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SHS (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

High Mounting Underground Service. Lamps are mounted on Company's high mounting metal street lighting poles not exceeding 35 feet in height and are supplied by underground cable. A standard installation under the above rates includes a maximum of 175 circuit feet of cable and trenching and backfilling.

Multiple Unit Service. When practical, each additional lamp after the first mounted on a street lighting pole is billed under the above Multiple Unit rate. A standard installation under the above rates includes only the luminaire, lamp, photocontrol, bracket or mast arm and wire in the bracket or mast arm.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

CONTINUOUS OPERATION

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

SPECIAL INSTALLATIONS

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement.

CUSTOMER CONTRIBUTION

When the Company permits the customer to finance all or a portion of the Company's cost of a street lighting installation, the Company will recognize this financing by crediting customer's street lighting account over 120 consecutive bills with an amount equal to customer's contribution plus interest.

REMOVALS

If customer requests Company to remove any part of a mercury vapor street lighting system to install high pressure sodium street lighting equipment or to remove any part of a high pressure sodium street lighting system to install another high pressure sodium street lighting system or any other type of street lighting system and if the mercury vapor or high pressure sodium luminaires and supporting brackets, which are to be removed as a result of any requested removal, are less than fifteen years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. Similarly, if the poles and/or conductors exclusively serving the mercury vapor or high pressure sodium equipment are less than twenty years old upon removal, Company will charge for and customer shall pay for such a change on the same basis used in calculating the luminaire and supporting bracket charge.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed for municipalities and other governmental agencies and 15 days for private owner or agencies. When not so paid, the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

RATE SCHEDULE SE
ENERGY ONLY STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SE

This rate schedule is available only to municipalities or other governmental agencies for the operation of mercury vapor or high pressure sodium street lighting systems on public areas such as streets, highways, bridges and parks where the municipality or other governmental agency provides for the installation, ownership, operation and maintenance of the street lighting equipment. It is available only for mercury vapor or high pressure sodium lamps.

NET MONTHLY RATE (Effective 1-22-83) (C) (I) (D)

(1) Energy Charges

Street Lighting Equipment on Company Pole..... 5.731 ~~6.7~~ cts. per KWH

Street Lighting Equipment on Customer Pole or Support..... /.3317 ~~8.0~~ cts. per KWH

(2) The Energy Cost Rate applies to all KWH supplied under this rate schedule.

(3) Service hereunder is unmetered with the number of KWH billed for each size lamp calculated based upon the estimated input wattage of the luminaire and 4,300 burning hours per year.

MINIMUM SYSTEM

Application is limited to mercury vapor or high pressure sodium street lights in systems of a minimum of 100 contiguous lamps of one customer. Customer-owned street lights served hereunder may not be intermixed with street lights served under the Company's other street lighting rate schedules.

The 100 lamp minimum may, at Company's option, be waived when a customer desires to take service for its entire street lighting requirements hereunder and said total requirement is less than the 100 lamp minimum.

INITIAL SYSTEM AND FUTURE ADDITIONS

The Customer provides advance written notice to Company (at least 90 days for initial systems or 30 days for additions to existing systems) of its intentions to install customer-owned street lighting hereunder. The notification includes the location, wattage, lumen size, type of equipment and proposed installation date. In addition, for customer-owned street lighting proposed for installation on Company's poles the customer provides the construction specifications for Company's approval.

STANDARD INSTALLATION AND SERVICE

Street Lighting Equipment on Company Wood Pole: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket and the wire from the luminaire to the point of connection with the Company's overhead general distribution system. The Company provides, installs, operates and maintains the wood pole and the overhead secondary wire from Company's general distribution system to the point of connection with customer's wire. Generally, the customer will attach its street lighting system to Company's existing poles; but the Company at its option provides, installs, operates and maintains a maximum of one wood pole and one span of secondary conductor to new locations requested by the customer. The installation by Company in excess of one wood pole and one span of secondary conductor to serve a customer-owned street light is at customer's expense.

Street Lighting Equipment on Customer Pole or Support: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket, pole or support, foundation and wire between poles or supports. The Company provides, installs, operates and maintains one span of overhead secondary conductor to a group of street lights, as defined by Company, on customer-owned poles or supports. The installation by Company in excess of one span of overhead secondary to a group of customer-owned street lights is at customer's expense.

Customer-owned street lighting equipment mounted on poles or supports of other utilities with whom Company has joint-use agreements are billed at the rate for Street Lighting Equipment on Company Poles.

Customer-owned street lighting installed as multiple units on a Company or other utility pole are billed at the rate for Street Lighting Equipment on Customer Pole or Support. Multiple units are defined hereunder as additional lamps installed on a Company or other utility pole already supporting customer-owned street lighting equipment.

Customer-owned street lighting equipment is installed in accordance with Company and industry safety codes and, where installed on Company poles, in accordance with general Company specifications for similar equipment.

(C) Indicates Change
(I) Indicates Increase
(D) Indicates Decrease

(Continued)

RATE SCHEDULE SE (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Any rearrangements, replacements or relocations of Company's electric distribution system required solely for the installation, operation or maintenance of customer's street lighting equipment are at customer's expense.

The Company makes all connections of customer's street lighting system to the Company's available general distribution system. Generally customer-owned street lighting equipment will be served at 120 volts or 240 volts. However, at Company's option, customer-owned street lighting equipment mounted on customer pole or support may be served at other available secondary voltages.

All luminaires served hereunder are operated at alternating current, 60 hertz, single phase and are controlled by photocontrol for dusk to dawn operation every night, approximately 4,300 hours per year.

All relocations of customer-owned street lighting equipment are at customer's expense.

CONTINUOUS OPERATION

When the customer operates individual lamps continuously 24 hours per day, the KWH billed hereunder is doubled for those individual lamps operated continuously.

IDENTIFICATION

Each customer-owned luminaire and support bracket served hereunder must be marked by customer with two adjacent wraps of 2 inch wide, yellow and black diagonal stripped, pressure sensitive tape, clearly identifiable by a groundlevel observer, that indicates customer ownership of the equipment. Company will supply customer with sufficient tape to mark the equipment. In addition, customer notifies the public of customer's ownership of and responsibility for the street lighting equipment in the areas served hereunder and advertises a customer telephone number for public use in reporting malfunctioning equipment. (C)

CHANGE IN SIZE AND TYPE OF STREET LIGHTING UNIT

Written notice of any change in size or type of any components of customer's street lighting system by location is furnished by customer to Company not more than 14 days after the date of such change.

AUDITING

The Company has the right to periodically audit the number and size of lamps of customer's street lighting system. The customer agrees to cooperate with Company during such audits.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

ATTACHMENT AGREEMENT

Customer signs the Company's standard Attachment Agreement for those luminaires mounted by customer on Company's poles. Said Attachment Agreement includes indemnification of Company by customer and provides for purchase of public liability and property damage insurance by customer.

CONTRACT PERIOD

One year and thereafter until terminated in accordance with contract provisions.

(C) Indicates Change

RATE SCHEDULE TS(R)
MUNICIPAL TRAFFIC SIGNAL LIGHTING SERVICE

This rate schedule is in the process of elimination and service hereunder is available only to existing locations continuously supplied hereunder as of August 26, 1976.

APPLICATION OF RATE SCHEDULE TS(R)

This rate schedule is for traffic signal lighting service to cities, boroughs and townships. The minimum under this rate schedule is 50 watts.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

6.6 ~~7.8~~ cts. per watt of connected load.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

The minimum charge is $3.65.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE SI-1(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes installed on or before and supplied continuously after March 28, 1972 and to those lamps previously served under Rate Schedules SI-2(R), SI-5(R), and SI-6(R). (C)

APPLICATION OF RATE SCHEDULE SI-1(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

LAMP DESCRIPTION		OVERHEAD SUPPLY		UNDERGROUND SUPPLY-METAL POLE	
Type	Lumens	Wood Pole	Metal Pole	Low Mounting	High Mounting
Incandescent	600	~~$ 4.90~~ 4.70	-----	-----	-----
"	1,000	~~6.15~~ 5.79	-----	-----	-----
"	2,500	~~10.95~~ 9.55	~~$16.60~~ 14.90	~~$15.45~~ 14.75	~~$18.95~~ 18.25
"	4,000	~~13.70~~ 12.57	~~17.65~~ 16.52	~~18.10~~ 16.97	~~21.10~~ 19.97
"	6,000	~~16.95~~ 15.40	~~19.45~~ 17.91	~~19.90~~ 18.35	~~23.30~~ 21.75

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. The equipment installed for maintaining facilities covered under the above rate is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities) or by customer's existing underground cable. 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

Metal Pole Overhead Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). The spacing between lamps shall not exceed a maximum of 300 feet measured between poles along one side of the street.

Low Mounting Underground Service. Lamps are mounted on metal street lighting poles approximately 14 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 150 feet measured between poles along one side of the street.

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 200 feet measured between poles along one side of the street.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocation of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SI-1(R) (CONTINUED)

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 30 days from date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

RATE SCHEDULE SI-4(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service by incandescent lamps is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes as installed on or before and supplied continuously after March 28, 1972.

APPLICATION OF RATE SCHEDULE SI-4(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., or for other governmental agencies, when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

OVERHEAD SUPPLIED INCANDESCENT LAMPS ON WOOD POLES

Lumens	Standard Overhead	White Way
1,000	~~$ 5.80~~ 5.44	-----
2,500	~~10.25~~ 9.55	-----
4,000	~~13.70~~ 12.57	~~$13.70~~ 12.57
6,000	~~16.95~~ 15.40	~~16.95~~ 15.40

Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. Equipment originally installed for service under the above rates may be continued in place throughout the useful life thereof. The equipment installed for maintaining facilities covered under the above rates is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

White Way Service. Four or more lamps mounted on bracket type fixtures that are concentrated within a specific area, with a maximum spacing of 200 feet between lamps, are billed at White Way rates.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocations of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE GH-1(R)
SINGLE METER COMMERCIAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-1(R)

This rate schedule is for all electric commercial service supplied through one meter when electricity is the sole source of all of the customer's energy requirements including electric space heating in accordance with the APPLICATION PROVISIONS hereof. Applications may include wholesale and retail trade and associated warehousing operations, office buildings, and establishments providing professional, personal or business services.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

(C) (I)

NET MONTHLY RATE (Effective 1-22-83)

$17.00 per month plus
$ 1.00 per KW of Billing KW

6.917 ~~1.9~~ cts. per KWH for the first 2,500 KWH.
5.517 ~~6.5~~ cts. per KWH for the next 100 KWH per KW of the Billing.
5.117 ~~6.1~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $17.00.

BILLING KW

The Billing KW is the average kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Monday to Fridays inclusive 7 A.M. to 9 P.M.

Company reserves the right to change from time to time the hours specified above in accordance with the operating conditions on Company's system.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bills, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE GH-1(R) (CONTINUED)

APPLICATION PROVISIONS

(1) This rate schedule applies to single meter service for all of customer's energy requirements, under the following conditions:

(a) The facilities for electric space heating are, in Company's judgment, a significant and integral portion of customer's total energy requirements to be supplied hereunder.
(b) Service supplied hereunder includes all energy requirements on customer's premises in a building.
(c) All service in one building is supplied at one voltage from one service connection.
(d) Another form of energy may be used for classroom instruction, for emergency lighting generators and, upon Company approval, for other similar uses.
(e) When customer occupies an entire building, service hereunder may include uses of service outside the building only when they are directly incident to the principal use of service in the building.

(2) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

RATE SCHEDULE GH-2(R)
SEPARATE METER GENERAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-2(R)

This rate schedule is for separately metered electric space heating service to customers whose general use is supplied under some other general service rate schedule in accordance with the APPLICATION PROVISIONS hereof and may include service for general use in an all electric apartment building when individual living units in the building are metered separately under a residential rate schedule.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

#13.06 ~~$15.00~~ including 200 KWH.

5.3317 ~~6.3~~ cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $15.00 which includes 200 KWH.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

APPLICATION PROVISIONS

Service hereunder is applicable under the following conditions:

(a) All the space heating requirements on customer's premises, or in customer's building or newly constructed section thereof, are supplied hereunder through a separate meter from the same point of delivery and at the same voltage as the general service.

(b) Use of service for comfort cooling air conditioning, for commercial cooking and for automatic storage type water heaters with thermostatically controlled noninductive heating units, may be included hereunder in connection with and on the same premises as the space heating equipment. This does not include ventilating fans, water for process purposes and plug-in commercial cooking appliances not used with commercial electric ovens and ranges.

(c) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE GH-4(R)
GENERAL SERVICE WITH ELECTRIC SPACE HEATING

This rate schedule is in the process of elimination and is available only to customers supplied hereunder continuously on or after January 29, 1970, and also to prospective customers to whom a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-4(R)

This rate schedule is for all electric general service supplied through one meter when electricity is the sole source of all of customer's energy requirements, including electric space heating, in accordance with the APPLICATION PROVISIONS hereof.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$17.00 per month plus
$ 1.00 per KW of Billing KW.

5.03¢7 ~~6.0~~ cts. per KWH for all KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $17.00.

Net Monthly Billing is reduced by .05 cts. per KWH for customers, formerly on Rate GH-3(R) Total Electric Service - Schools and Churches, taking primary service at 12,000 volts or higher, but billing may not be reduced below the minimum provisions hereof.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE GH-4(R) (CONTINUED)

APPLICATION PROVISIONS

This rate schedule applies to single meter service for all customer's energy requirements, under the following conditions:

(a) The facilities for electric space heating are, in Company's judgment, a significant and integral portion of customer's total energy requirements to be supplied hereunder.
(b) Service supplied hereunder includes all energy requirements on customer's premises in a building.
(c) All service in one building is supplied at one voltage from one service connection.
(d) Another form of energy may be used for classroom instructions, for emergency lighting generators and, upon Company approval, for other similar uses.
(e) When customer occupies an entire building, service hereunder may include uses of service outside the building only when they are directly incident to the principal use of service in the building.
(f) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

Q. 2. Provide a billing comparison -- present rates vs. proposed rates -- for each rate schedule.

a. For kWh tariffs, the comparisons shall include revenue at present rates and at proposed rates, dollar difference between billings, and per cent increase in billing for a given kWh usage. KWH usage shall be at all break points, ten intermediate points per tariff block, and average and median kWh usage for each applicable rate schedule.

b. For rate schedules with both usage and demand charges, present and proposed billings and dollar and per cent increases shall be calculated on hours usage for fixed values of demand. Hours usage shall be based upon 10-hour increments up to 100 hours usage and 100-hour increments up to and including 730 hours usage. The billing comparisons shall be made for four demand values, low, average, medium and high, per rate schedule.

(1) The above billing comparisons shall be made under each of the following:

(a) base rates as per the tariff
(b) Total billings, i.e., billings which include base rates, state tax surcharge, and current energy clause charges.
(c) rates, as defined in question 1.

A. 2. See Appendix B.

Q. 3. Provide a schedule for the test year showing:

a. Proof of revenue for each rate schedule, i.e., base rate revenue at present and proposed rates, total customer billings, total energy and/or demand for each tariff block.

b. Explanation of the methodology used to spread the revenue requirements over each block in each rate schedule.

c. Substantiation of the demand, energy and customer data as utilized in each proof of revenue schedule, i.e., bill frequency analysis (BFA) obtained from actual billing records during the experienced test year. The format for the BFA's shall be as follows:
   (i) Unit block limits
   (ii) Number of bills in the block
   (iii) Cumulative number of bills
   (iv) Number of units sold in the block
   (v) Cumulative number of units sold
   (vi) Cumulative number of units sold passing through the block.
   (Block limits shall be designed such that each block shall contain no more than 5% of the total unit sold or 5% of the total number of customer billings for each rate schedule.)

d. Units discussed above are defined as follows (where applicable):
   (i) KWH
   (ii) KW
      (a) as measured
      (b) as billed
         (1) due to a ratchet
         (2) due to power factor clause
         (3) due to contract minimum
   (iii) KVAR
   (iv) KVA
      (a) as measured
      (b) as billed
         (1) due to a ratchet
         (2) due to a contract minimum
   (v) Hours use

Note: For all demand/energy rate schedules provide all applicable BFA's. Supply KWH BFA's for energy only rate schedules.

All Electric Rate schedules shall be reported on an annual basis as well as a seasonal basis.

A. 3.a. Proof of revenue for each existing rate schedule except Rate Schedule SE is provided in Attachment IV-C-3a. Rate Schedule SE does not currently have any customers or any customer records to calculate a proof of revenue.

Bill frequency distributions were prepared from customer records for all existing rate schedules for the year ended July 31, 1982. Specialized computer programs are used to assemble the billing data in the required block form for both the proposed and present rates. The appropriate billing charges are applied to the blocks so that the rate revenue for each tariff schedule is computed. Tax surcharge and energy cost rate charges are added to the base rate revenue so that a total revenue is computed. The percentage amount of the proposed rate increase is calculated and applied to year ended July 31, 1982 book revenue under present conditions and also to year ending July 31, 1983 estimated conditions so that proposed total revenue for these periods could be determined.

Pages 1 through 20 contain the proofs of revenue for the historic test year ended July 31, 1982 and include ECR revenues at the present ECR rate of 6.422 mills/KWH, and current tax surcharge rate of 6.75%. Under the proposed rate the ECR is assumed to go to zero and the tax surcharge is restated for the proposed rate revenue at 6.30%.

Pages 21 through 39 contain the proof of revenue for the future test year ending July 31, 1983. The present revenue includes the estimated ECR revenue for the period at 3.814 mills/KWH. The current tax surcharge rate of 6.75% is also applied. In the proposed revenue calculation the ECR revenue is assumed to be zero, and the tax surcharge rate is adjusted for the proposed revenues to a rate of 6.30%.

b. The explanation of rate design technique for Residential, General Service and Street Lighting appears in Attachment IV-C-3b.

c,d. Pennsylvania Power & Light Company filed a petition with the PUC requesting a waiver of filing requirement IV-C-3c. The waiver request was granted on October 15, 1982 at Docket No. R-822169.

The data requested in c and d is available upon request.

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	10,820,163	$ 3.77/BILL	$ 40,792,015
KWH BLOCK			
FIRST 200 KWH	2,004,128,744	$ .061028/KWH	$122,307,969
REMAINING KWH	6,301,885,019	$ .044028 "	$277,459,394
OFF PK WH KWH (SEE P.2)	50,996		$ 2,229
SUB-TOTAL	8,306,064,759		$399,769,592
DEMAND CREDIT (SEE P.2)			$76,651-
TOTAL RATE REVENUE			$440,484,956
TAX SURCHARGE REVENUE		6.75%	$ 29,732,735
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 53,341,548
TOTAL REVENUE			$523,559,239
PROPOSED RATE			
TOTAL BILLS	10,820,163	$ 4.75/BILL	$ 51,395,774
KWH BLOCK			
FIRST 200 KWH	2,004,128,744	$ .080/KWH	$160,330,300
REMAINING KWH	6,301,885,019	$ .060 "	$378,113,101
OFF PK WH KWH (SEE P.2)	50,996		$ 2,585
SUB-TOTAL	8,306,064,759		$538,445,986
DEMAND CREDIT (SEE P.2)			$76,651-
TOTAL RATE REVENUE			$589,765,109
TAX SURCHARGE REVENUE		6.30%	$ 37,155,202
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$626,920,311

CALCULATED REVENUE FROM DISTRIBUTION		
TOTAL PROPOSED RATE		$626,920,311
TOTAL PRESENT RATE		$523,559,239
RATE INCREASE: AMOUNT		$103,361,072
PERCENT		19.74
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$518,782,721
RATE INCREASE: PERCENT		19.74
AMOUNT		$102,407,709
1982 TOTAL REVENUE UNDER PROPOSED RATE		$621,190,430
TAX SURCHARGE @ 6.30%	$ 36,815,613	
BASE RATE REVENUE	$584,374,817	
	$621,190,430	

PENNSYLVANIA POWER & LIGHT COMPANY

Rate Schedule RS
Calculations Of Additional Effects To Proposed Rates

Based On Data For 12 Months Ended July 31, 1982

Off Peak Water Heating (Separate Meter Service):

Present Rate	Units	Rate	Rate Revenue
Total Bills	257	$ 4.50	$ 1,157
Total Sep. Meter KWH	50,996	$.021028	1,072
Total Rate Revenue			$ 2,229

Proposed Rate			
Total Bills	257	$ 4.50	$ 1,157
Total Sep. Meter KWH	50,996	$ .028	1,428
Total Rate Revenue			$ 2,585

Demand Credit Rate Revenue:
(Based On Monthly Computer Runs)

	Units	Rate	Rate Revenue
Total Bills	21,876		
Credit KW	25,550	—$ 3.00	—$ 76,651

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RTS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	150	$11.00/BILL	$ 1,650
BILLING KW BLOCKS			
ALL BKW	135	$ 2.85/KW	$ 385
SUB-TOTAL	135		$ 2,035
KWH BLOCK			
ALL KWH	316,776	$ .025028/KWH	$ 7,928
SUB-TOTAL	316,776		$ 7,928
TOTAL RATE REVENUE			$ 9,963
TAX SURCHARGE REVENUE		6.75%	$ 673
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 2,034
		TOTAL REVENUE	$ 12,670
PROPOSED RATE			
TOTAL BILLS	150	$11.60/BILL	$ 1,650
BILLING KW BLOCKS			
ALL BKW	135	$ 4.25/KW	$ 574
SUB-TOTAL	135		$ 2,224
KWH BLOCK			
ALL KWH	316,776	$ .028/KWH	$ 8,870
SUB-TOTAL	316,776		$ 8,870
TOTAL RATE REVENUE			$ 11,094
TAX SURCHARGE REVENUE		6.30%	$ 699
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
		TOTAL REVENUE	$ 11,793

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 11,793
TOTAL PRESENT RATE		$ 12,670
RATE INCREASE: AMOUNT		$ 877-
PERCENT		- 6.92
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$ 6,472
RATE INCREASE: PERCENT		- 6.92
AMOUNT		$ 448-
1982 TOTAL REVENUE UNDER PROPOSED RATE		$ 6,024
TAX SURCHARGE @ 6.30%	$ 357	
BASE RATE REVENUE	$ 5,667	
	$ 6,024	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GS-1
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	1,192,679	$ 5.00/BILL	$ 5,963,395
BILLING KW BLOCKS			
0-4(MIN)	4,771,815	$ .00/KW	$ 0
OVER 4	3,932,459	$ 1.27 "	$ 4,994,223
SUB-TOTAL	8,704,274		$ 10,957,618
KWH BLOCK			
FIRST 150 KWH/BKW	754,746,317	$ .070028/KWH	$ 52,853,375
REMAINING KWH	243,366,806	$ .050028 "	$ 12,175,155
SUB-TOTAL	998,113,123		$ 65,028,530
T.O.D. METERING	159	$12.00/UNIT	$ 1,908
TOTAL RATE REVENUE			$ 73,988,856
TAX SURCHARGE REVENUE		6.75%	$ 5,129,194
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 6,409,882
	TOTAL REVENUE		$ 87,527,132
PROPOSED RATE			
TOTAL BILLS	1,192,679	$ 6.50/BILL	$ 7,752,414
BILLING KW BLOCKS			
0-4(MIN)	4,771,815	$ .00/KW	$ 0
OVER 4	3,932,459	$ 1.70 "	$ 6,685,180
SUB-TOTAL	8,704,274		$ 14,437,594
KWH BLOCK			
FIRST 150 KWH/BKW	754,746,317	$ .092/KWH	$ 69,436,661
REMAINING KWH	243,366,806	$ .067 "	$ 16,305,576
SUB-TOTAL	998,113,123		$ 85,742,237
T.O.D. METERING	159	$12.00/UNIT	$ 1,908
TOTAL RATE REVENUE			$100,181,739
TAX SURCHARGE REVENUE		6.30%	$ 6,311,450
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$106,493,189
CALCULATED REVENUE FROM DISTRIBUTION			
TOTAL PROPOSED RATE			$106,493,189
TOTAL PRESENT RATE			$ 87,527,132
RATE INCREASE: AMOUNT			$ 18,966,057
PERCENT			21.67
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE			$ 88,122,242
RATE INCREASE: PERCENT			21.67
AMOUNT			$ 19,096,090
1982 TOTAL REVENUE UNDER PROPOSED RATE			$107,218,332
TAX SURCHARGE @ 6.30%		$ 6,354,426	
BASE RATE REVENUE		$100,863,906	
		$107,218,332	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GS-3
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
25-125	8,300,700	$ 5.60/KW	$ 46,483,920
OVER 125	4,460,967	$ 3.71 "	$ 16,550,188
SUB-TOTAL	12,761,667		$ 63,034,108
KWH BLOCK			
FIRST 150 KWH/BKW	1,872,836,207	$ .038028/KWH	$ 71,220,215
NEXT 100 KWH/BKW	982,962,590	$ .034028 "	$ 33,448,251
REMAINING KWH	1,129,958,955	$ .030028 "	$ 33,930,408
SUB-TOTAL	3,985,757,752		$138,598,874
T.O.D. METERING	5,035	$12.00/UNIT	$ 60,420
TOTAL RATE REVENUE			$201,693,402
TAX SURCHARGE REVENUE		6.75%	$ 13,614,305
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 25,396,536
TOTAL REVENUE			$240,904,243
PROPOSED RATE			
BILLING KW BLOCKS			
25-125	8,300,700	$ 7.10/KW	$ 58,934,970
OVER 125	4,460,967	$ 4.70 "	$ 20,966,545
SUB-TOTAL	12,761,667		$ 79,901,515
KWH BLOCK			
FIRST 150 KWH/BKW	1,872,836,207	$ .053/KWH	$ 99,260,319
NEXT 100 KWH/BKW	982,962,590	$ .047 "	$ 46,199,242
REMAINING KWH	1,129,958,955	$ .041 "	$ 46,328,317
SUB-TOTAL	3,985,757,752		$191,787,878
T.O.D. METERING	5,035	$12.00/UNIT	$ 60,420
TOTAL RATE REVENUE			$271,749,813
TAX SURCHARGE REVENUE		6.30%	$ 17,120,238
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$288,870,051

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE			$288,870,051
TOTAL PRESENT RATE			$240,904,243
RATE INCREASE: AMOUNT			$ 47,965,808
PERCENT			19.91
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE			$234,055,142
RATE INCREASE: PERCENT			19.91
AMOUNT			$ 46,600,379
1982 TOTAL REVENUE UNDER PROPOSED RATE			$280,655,521
TAX SURCHARGE @ 6.30%		$ 16,633,394	
BASE RATE REVENUE		$264,022,127	
		$280,655,521	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-4
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
25-200	1,407,131	$ 5.00/KW	$ 7,035,655
OVER 200	6,197,818	$ 3.30 "	$ 20,452,799
SUB-TOTAL	7,604,949		$ 27,488,454
KWH BLOCK			
FIRST 150 KWH/BKW	1,132,190,802	$ .037028/KWH	$ 41,922,761
NEXT 100 KWH/BKW	706,751,609	$ .030028 "	$ 21,222,337
REMAINING KWH	1,223,495,489	$ .027028 "	$ 33,068,636
SUB-TOTAL	3,062,437,900		$ 96,213,734
T.O.D. METERING	2,316	$12.00/UNIT	$ 27,792
TOTAL RATE REVENUE			$123,729,980
TAX SURCHARGE REVENUE		6.75%	$ 8,351,774
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 19,666,976
	TOTAL REVENUE		$151,748,730
PROPOSED RATE			
BILLING KW BLOCKS			
25-200	1,407,131	$ 6.55/KW	$ 9,216,708
OVER 200	6,197,818	$ 4.15 "	$ 25,720,945
SUB-TOTAL	7,604,949		$ 34,937,653
KWH BLOCK			
FIRST 150 KWH/BKW	1,132,190,802	$ .051/KWH	$ 57,741,731
NEXT 100 KWH/BKW	706,751,609	$ .043 "	$ 30,390,319
REMAINING KWH	1,223,495,489	$ .038 "	$ 46,492,829
SUB-TOTAL	3,062,437,900		$134,624,879
T.O.D. METERING	2,316	$12.00/UNIT	$ 27,792
TOTAL RATE REVENUE			$169,590,324
TAX SURCHARGE REVENUE		6.30%	$ 10,684,190
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$180,274,514

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$180,274,514
TOTAL PRESENT RATE		$151,748,730
RATE INCREASE: AMOUNT		$ 28,525,784
PERCENT		18.80
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$151,421,522
RATE INCREASE: PERCENT		18.80
AMOUNT		$ 28,467,246
1982 TOTAL REVENUE UNDER PROPOSED RATE		$179,888,768
TAX SURCHARGE @ 6.30%	$ 10,661,329	
BASE RATE REVENUE	$169,227,439	
	$179,888,768	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-5
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
0-300	288,801	$ 3.10/KW	$ 895,283
OVER 300	2,664,302	$ 2.75 "	$ 7,326,831
SUB-TOTAL	2,953,103		$ 8,222,114
KWH BLOCK			
FIRST 150 KWH/BKW	441,296,120	$ .033028/KWH	$ 14,575,128
NEXT 100 KWH/BKW	282,328,843	$ .029028 "	$ 8,195,442
REMAINING KWH	500,886,237	$ .025028 "	$ 12,536,181
SUB-TOTAL	1,224,511,200		$ 35,306,751
T.O.D. METERING	328	$12.00/UNIT	$ 3,936
TOTAL RATE REVENUE			$ 43,532,801
TAX SURCHARGE REVENUE		6.73%	$ 2,938,464
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 7,863,811
TOTAL REVENUE			$ 54,335,076
PROPOSED RATE			
BILLING KW BLOCKS			
0-300	288,801	$ 3.90/KW	$ 1,126,324
OVER 300	2,664,302	$ 3.50 "	$ 9,325,057
SUB-TOTAL	2,953,103		$ 10,451,381
KWH BLOCK			
FIRST 150 KWH/BKW	441,296,120	$ .047/KWH	$ 20,740,918
NEXT 100 KWH/BKW	282,328,843	$ .040 "	$ 11,293,154
REMAINING KWH	500,886,237	$ .035 "	$ 17,531,018
SUB-TOTAL	1,224,511,200		$ 49,565,090
T.O.D. METERING	328	$12.00/UNIT	$ 3,936
TOTAL RATE REVENUE			$ 60,020,407
TAX SURCHARGE REVENUE		6.30%	$ 3,781,286
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 63,801,693

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE	$ 63,801,693
TOTAL PRESENT RATE	$ 54,335,076
RATE INCREASE: AMOUNT	$ 9,466,617
PERCENT	17.42
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE	$ 51,903,562
RATE INCREASE: PERCENT	17.42
AMOUNT	$ 9,041,601
1982 TOTAL REVENUE UNDER PROPOSED RATE	$ 60,945,163
TAX SURCHARGE @ 6.30%	$ 3,611,990
BASE RATE REVENUE	$ 57,333,173
	$ 60,945,163

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-4
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
ALL BKW	7,132,474	$ 2.70/KW	$ 19,257,680
SUB-TOTAL	7,132,474		$ 19,257,680
KWH BLOCK			
FIRST 150 KWH/BKW	1,066,214,616	$ .031028/KWH	$ 33,082,507
NEXT 100 KWH/BKW	698,548,410	$ .025028 "	$ 17,483,270
REMAINING KWH	1,665,963,174	$ .024028 "	$ 40,029,763
SUB-TOTAL	3,430,726,200		$ 90,595,540
T.O.D. METERING	195	$12.00/UNIT	$ 2,340
FACILITY CHARGE	12	$3450.00/UNIT	$ 41,400
TOTAL RATE REVENUE			$109,896,960
TAX SURCHARGE REVENUE		6.75%	$ 7,418,045
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 22,032,124
	TOTAL REVENUE		$139,347,129
PROPOSED RATE			
BILLING KW BLOCKS			
ALL BKW	7,132,474	$ 3.36/KW	$ 24,963,659
SUB-TOTAL	7,132,474		$ 24,963,659
KWH BLOCK			
FIRST 150 KWH/BKW	1,066,214,616	$ .043/KWH	$ 45,847,228
NEXT 100 KWH/BKW	698,548,410	$ .038 "	$ 26,544,840
REMAINING KWH	1,665,963,174	$ .034 "	$ 56,642,748
SUB-TOTAL	3,430,726,200		$129,034,816
T.O.D. METERING	195	$12.00/UNIT	$ 2,340
FACILITY CHARGE	12	$3450.00/UNIT	$ 41,400
TOTAL RATE REVENUE			$154,042,215
TAX SURCHARGE REVENUE		6.30%	$ 9,704,660
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$163,746,875
CALCULATED REVENUE FROM DISTRIBUTION			
TOTAL PROPOSED RATE			$163,746,875
TOTAL PRESENT RATE			$139,347,129
RATE INCREASE: AMOUNT			$ 24,399,746
PERCENT			17.51
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE			$141,803,263
RATE INCREASE: PERCENT			17.51
AMOUNT			$ 24,829,751
1982 TOTAL REVENUE UNDER PROPOSED RATE			$166,633,014
TAX SURCHARGE @ 6.30%		$ 9,875,710	
BASE RATE REVENUE		$156,757,304	
		$166,633,014	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE BL
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
KWH BLOCK			
ALL KWH	3,845,315	$ .055028/KWH	$ 211,600
SUB-TOTAL	3,845,315		$ 211,600
FACILITY CHARGE			$21,632
TOTAL RATE REVENUE			$ 233,232
TAX SURCHARGE REVENUE		6.75%	$ 15,743
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 24,695
	TOTAL REVENUE		$ 273,670
PROPOSED RATE			
KWH BLOCK			
ALL KWH	3,845,315	$ .075/KWH	$ 288,399
SUB-TOTAL	3,845,315		$ 288,399
FACILITY CHARGE			$21,632
TOTAL RATE REVENUE			$ 310,031
TAX SURCHARGE REVENUE		6.30%	$ 19,532
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$ 329,563

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 329,563
TOTAL PRESENT RATE		$ 273,670
RATE INCREASE: AMOUNT		$ 55,893
PERCENT		20.42
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$ 272,770
RATE INCREASE: PERCENT		20.42
AMOUNT		$ 55,700
1982 TOTAL REVENUE UNDER PROPOSED RATE		$ 328,470
TAX SURCHARGE @ 6.30%	$ 19,467	
BASE RATE REVENUE	$ 309,003	
	$ 328,470	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SA
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD	6650	36,813	33,867,960	$ 8.75		$11.05
CALCULATED ANNUAL REVENUE			33,867,960	$ 3,865,365		$ 4,881,404
TAX SURCHARGE @			6.75%	$260,912	6.30%	$307,528
ECR @			6.422 MILLS/ KWH	$217,500	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 4,343,777		$ 5,188,932
RATE INCREASE: AMOUNT						$ 845,155
PERCENT						19.46
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 4,366,826
RATE INCREASE: PERCENT						19.46
AMOUNT						$ 849,784
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 5,216,610
TAX SURCHARGE @ 6.30%				$ 309,169		
BASE RATE REVENUE				$ 4,907,441		
				$ 5,216,610		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SM
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT	MONTHLY RATE PROPOSED
OVERHEAD					
WOOD POLE	3350	36,817	21,685,213	$ 7.40	$ 9.25
	6650	33,619	30,929,480	$ 8.85	$11.20
	10500	1,694	2,178,484	$11.30	$14.35
	20000	6,881	14,023,478	$14.15	$18.10
	34000	64	222,336	$23.00	$29.45
	51000	26	124,826	$28.85	$37.05
	21800	28	48,412	$14.10	$18.10
METAL POLE	6650	543	499,560	$14.35	$17.90
	10500	203	261,058	$16.75	$21.00
	20000	676	1,377,688	$19.60	$24.80
	34000	65	225,810	$28.60	$36.30
	51000			$34.75	$44.30
	21800	260	449,540	$19.75	$24.95
UNDERGROUND					
WOOD POLE	3350	182	107,198	$12.30	$15.30
	6650	660	607,200	$14.15	$17.70
LOW MOUNT	3350	890	524,210	$13.50	$16.75
	6650	763	701,960	$15.35	$19.15
HIGH MOUNT	6650	978	899,760	$17.20	$21.45
	10500	119	153,034	$19.40	$24.20
	20000	2,942	5,995,796	$22.50	$28.35
	34000	227	788,598	$32.40	$40.95
	51000	161	772,961	$38.50	$48.90
	21800	29	50,141	$22.60	$28.40
MULTIPLE UNITS					
	6650	111	102,120	$ 7.25	$ 9.20
	10500	3	3,858	$ 9.50	$12.05
	20000	84	171,192	$12.30	$15.80
	34000	1	3,474	$21.30	$27.40
	51000	10	48,010	$27.20	$35.05
CUSTOMER OWNED	3350	109	64,201	$ 3.90	$ 5.00
	6650	37	34,040	$ 5.45	$ 7.05
	10500	200	257,200	$ 7.35	$ 9.45
	20000	1,535	3,128,330	$10.30	$13.35
	34000	28	97,272	$17.80	$23.05
	51000	167	801,767	$23.65	$30.75
CALCULATED ANNUAL REVENUE			87,338,207	$10,559,663	$13,318,397
TAX SURCHARGE @ 6.75%				$712,710	6.30% $839,059
ECR @			6.422 MILLS/ KWH	$560,886	0.000 MILLS/ KWH $0
TOTAL CALCULATED ANNUAL REVENUE :				$11,832,259	$14,157,456
RATE INCREASE: AMOUNT					$ 2,325,197
PERCENT					19.65
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE					$11,763,866
RATE INCREASE: PERCENT					19.65
AMOUNT					$ 2,311,600
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE					$14,075,466
TAX SURCHARGE @ 6.30%				$ 834,200	
BASE RATE REVENUE				$ 13,241,266	
				$ 14,075,466	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SHS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT	MONTHLY RATE PROPOSED
OVERHEAD					
WOOD POLE	9500	1,239	634,368	$10.90	$12.75
	16000	2,504	1,885,512	$11.95	$14.05
	25500	1,025	1,392,975	$16.50	$19.60
	50000	11	23,463	$21.25	$25.25
METAL POLE	9500	89	35,328	$14.70	$17.10
	16000	55	41,415	$15.70	$18.40
	25500	78	106,002	$19.60	$23.10
	50000			$23.95	$28.40
UNDERGROUND					
WOOD POLE	9500	10	5,120	$17.45	$20.30
LOW MOUNT	5800	5	1,785	$16.15	$18.85
	9500	74	37,888	$17.35	$20.20
HIGH MOUNT	9500			$21.20	$24.65
	16000	73	54,969	$22.25	$25.95
	25500	192	260,928	$30.35	$35.45
	50000	17	36,261	$34.70	$40.80
MULTIPLE UNITS					
	9500	9	4,608	$ 9.60	$11.25
	16000	8	6,024	$10.00	$11.80
	25500	13	17,667	$13.00	$15.50
	50000			$15.65	$18.80
CALCULATED ANNUAL REVENUE			4,544,313	$ 886,760	$ 1,043,081
TAX SURCHARGE @			6.75%	$59,856	6.30% $65,714
ECR @			6.422 MILLS/ KWH	$29,184	0.000 MILLS/ KWH $0
TOTAL CALCULATED ANNUAL REVENUE :				$ 975,800	$ 1,108,795
RATE INCREASE: AMOUNT					$ 132,995
PERCENT					13.63
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE					$ 956,446
RATE INCREASE: PERCENT					13.63
AMOUNT					$ 130,364
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE					$ 1,086,810
TAX SURCHARGE @ 6.30%				$ 64,411	
BASE RATE REVENUE				$ 1,022,399	
				$ 1,086,810	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE TS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS WATTS	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
TRAFFIC SIGNAL	25	2	439	$ .0561		$ .073
	50	7	3,066	$ .0561		$ .073
	60	427	224,431	$ .0561		$ .073
	67	225	132,030	$ .0561		$ .073
	69	221	133,661	$ .0561		$ .073
	100	5	4,380	$ .0561		$ .073
	104	2	1,798	$ .0561		$ .073
	107	12	11,246	$ .0561		$ .073
	116	17	17,279	$ .0561		$ .073
	125	3	3,287	$ .0561		$ .073
	134	2	2,347	$ .0561		$ .073
CALCULATED ANNUAL REVENUE			533,964	$ 41,032		$ 53,393
TAX SURCHARGE @ 6.75%				$2,770	6.30%	$3,364
ECR @			6.422 MILLS/ KWH	$3,429	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 47,231		$ 56,757
RATE INCREASE: AMOUNT						$ 9,526
PERCENT						20.17
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 46,905
RATE INCREASE: PERCENT						20.17
AMOUNT						$ 9,461
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 56,366

TAX SURCHARGE @ 6.30%	$	3,341
BASE RATE REVENUE	$	53,025
	$	56,366

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RX(R)
CALCULATION OF EFFECT OF PROPOSED RATE

BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	584	$11.00/BILL	$ 6,424
KWH BLOCK			
ON PEAK KWH	324,918	$ .068028/KWH	$ 22,104
OFF PEAK KWH	580,080	$ .025028 "	$ 14,518
SUB-TOTAL	904,998		$ 36,622
TOTAL RATE REVENUE			$ 43,046
TAX SURCHARGE REVENUE		6.75%	$ 2,906
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 5,812
TOTAL REVENUE			$ 51,764
PROPOSED RATE			
TOTAL BILLS	584	$11.00/BILL	$ 6,424
KWH BLOCK			
ON PEAK KWH	324,918	$ .111/KWH	$ 36,066
OFF PEAK KWH	580,080	$ .028 "	$ 16,242
SUB-TOTAL	904,998		$ 52,308
TOTAL RATE REVENUE			$ 58,732
TAX SURCHARGE REVENUE		6.30%	$ 3,700
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 62,432

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE			$ 62,432
TOTAL PRESENT RATE			$ 51,764
RATE INCREASE: AMOUNT			$ 10,668
PERCENT			20.61
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE			$ 39,768
RATE INCREASE: PERCENT			20.61
AMOUNT			$ 8,196
1982 TOTAL REVENUE UNDER PROPOSED RATE			$ 47,964
TAX SURCHARGE @ 6.30%		$ 2,843	
BASE RATE REVENUE		$ 45,121	
		$ 47,964	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-1(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD						
WOOD POLE	600	484	120,516	$ 3.80		$ 4.90
	1000	692	306,556	$ 5.00		$ 6.15
	2500	1,131	982,839	$ 7.90		$10.25
	4000	1,371	1,927,626	$10.50		$13.70
	6000	40	77,040	$13.15		$16.95
METAL POLE	2500	136	118,184	$11.25		$15.60
	4000	34	47,804	$13.35		$17.65
	6000	23	44,298	$15.65		$19.45
UNDERGROUND						
LOW MOUNT	2500	386	335,434	$12.00		$15.45
	4000	194	272,764	$14.10		$18.10
	6000	30	57,780	$15.70		$19.90
HIGH MOUNT	2500	101	87,769	$14.30		$18.95
	4000	42	59,052	$16.50		$21.10
	6000	1	1,926	$18.75		$23.30
CALCULATED ANNUAL REVENUE			4,439,588	$ 497,927		$ 644,945
TAX SURCHARGE @		6.75%		$33,610	6.30%	$40,632
ECR @		6.422 MILLS/ KWH		$28,511	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 560,048		$ 685,577
RATE INCREASE: AMOUNT						$ 125,529
PERCENT						22.41
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 613,413
RATE INCREASE: PERCENT						22.41
AMOUNT						$ 137,466
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 750,879
TAX SURCHARGE @ 6.30%				$ 44,502		
BASE RATE REVENUE				$ 706,377		
				$ 750,879		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-4(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD						
WOOD POLE	1000	663	293,709	$ 4.41		$ 5.80
	2500	720	625,680	$ 7.56		$10.25
	4000	842	1,183,852	$ 9.90		$13.70
	6000	107	206,082	$12.65		$16.95
WHITE WAY	4000	13	18,278	$10.50		$13.70
	6000	275	529,650	$13.15		$16.95
CALCULATED ANNUAL REVENUE			2,857,251	$ 261,710		$ 352,966
TAX SURCHARGE @ 6.75%				$17,665	6.30%	$22,237
ECR @			6.422 MILLS/ KWH	$18,349	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 297,724		$ 375,203
RATE INCREASE: AMOUNT						$ 77,479
PERCENT						26.02
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 299,329
RATE INCREASE: PERCENT						26.02
AMOUNT						$ 77,885
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 377,214
TAX SURCHARGE @ 6.30%				$ 22,356		
BASE RATE REVENUE				$ 354,858		
				$ 377,214		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-6(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT	MONTHLY RATE PROPOSED
UNDERGROUND					
LOW MOUNT	2500	168	145,992	$11.10	$15.45
	4000	19	26,714	$14.10	$18.10
	6000	3	5,778	$15.70	$19.90
CALCULATED ANNUAL REVENUE			178,484	$ 26,158	$ 35,990
TAX SURCHARGE @ 6.75%				$1,766	6.30% $2,267
ECR @			6.422 MILLS/ KWH	$1,146	0.000 MILLS/ KWH $0
TOTAL CALCULATED ANNUAL REVENUE :				$ 29,070	$ 38,257
RATE INCREASE: AMOUNT					$ 9,187
PERCENT					31.60
1982 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE					$ 29,130
RATE INCREASE: PERCENT					31.60
AMOUNT					$ 9,205
1982 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE					$ 38,335
TAX SURCHARGE @ 6.30%				$ 2,272	
BASE RATE REVENUE				$ 36,063	
				$ 38,335	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-1
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	9,510	$15.00/BILL	$ 142,650
BILLING KW BLOCKS			
ALL BKW	696,660	$ .75/KW	$ 522,495
SUB-TOTAL	696,660		$ 665,145
KWH BLOCK			
FIRST 2500 KWH	21,693,433	$ .057028/KWH	$ 1,237,133
NEXT 100 KWH/BKW	64,193,315	$ .048028 "	$ 3,083,077
REMAINING KWH	98,763,600	$ .045028 "	$ 4,447,127
SUB-TOTAL	184,650,348		$ 8,767,337
T.O.D. METERING	36	$12.00/UNIT	$ 432
TOTAL RATE REVENUE			$ 9,432,914
TAX SURCHARGE REVENUE		6.75%	$ 636,722
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 1,185,825
TOTAL REVENUE			$ 11,255,461
PROPOSED RATE			
TOTAL BILLS	9,510	$17.00/BILL	$ 161,670
BILLING KW BLOCKS			
ALL BKW	696,660	$ 1.00/KW	$ 696,660
SUB-TOTAL	696,660		$ 858,330
KWH BLOCK			
FIRST 2500 KWH	21,693,433	$ .079/KWH	$ 1,713,781
NEXT 100 KWH/BKW	64,193,315	$ .065 "	$ 4,172,365
REMAINING KWH	98,763,600	$ .061 "	$ 6,024,580
SUB-TOTAL	184,650,348		$ 11,910,926
T.O.D. METERING	36	$12.00/UNIT	$ 432
TOTAL RATE REVENUE			$ 12,769,688
TAX SURCHARGE REVENUE		6.30%	$ 804,490
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 13,574,178
CALCULATED REVENUE FROM DISTRIBUTION			$ 13,574,178
TOTAL PROPOSED RATE			$ 11,255,461
TOTAL PRESENT RATE			$ 2,318,717
RATE INCREASE: AMOUNT			20.60
PERCENT			
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE			$ 14,622,177
			20.60
RATE INCREASE: PERCENT			$ 3,012,168
AMOUNT			$ 17,634,345
1982 TOTAL REVENUE UNDER PROPOSED RATE			
TAX SURCHARGE @ 6.30%			$ 1,045,121
BASE RATE REVENUE			$ 16,589,224
			$ 17,634,345

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-2
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	44,116	$12.00/BILL	$ 529,392
KWH BLOCK			
FIRST 200 KWH	7,984,577	$ .000000/KWH	
REMAINING KWH	122,999,129	$ .046028 *	$ 5,661,404
SUB-TOTAL	130,983,706		$ 5,661,404
TOTAL RATE REVENUE			$ 6,190,796
TAX SURCHARGE REVENUE		6.75%	$ 417,879
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 841,177
TOTAL REVENUE			$ 7,449,852
PROPOSED RATE			
TOTAL BILLS	44,116	$15.00/BILL	$ 661,740
KWH BLOCK			
FIRST 200 KWH	7,984,577	$ .000/KWH	$ 0
REMAINING KWH	122,999,129	$ .063 *	$ 7,748,945
SUB-TOTAL	130,983,706		$ 7,748,945
TOTAL RATE REVENUE			$ 8,410,685
TAX SURCHARGE REVENUE		6.30%	$ 529,873
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 8,940,558

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 8,940,558
TOTAL PRESENT RATE		$ 7,449,852
RATE INCREASE: AMOUNT		$ 1,490,706
PERCENT		20.01
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$ 7,515,674
RATE INCREASE: PERCENT		20.01
AMOUNT		$ 1,503,886
1982 TOTAL REVENUE UNDER PROPOSED RATE		$ 9,019,560
TAX SURCHARGE @ 6.30%	$ 534,555	
BASE RATE REVENUE	$ 8,485,005	
	$ 9,019,560	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-4
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	17,891	$15.00/BILL	$ 268,365
BILLING KW BLOCKS			
ALL BKW	2,954,742	$ .75/KW	$ 2,216,057
SUB-TOTAL	2,954,742		$ 2,484,422
KWH BLOCK			
ALL KWH	722,119,760	$ .043528/KWH	$ 31,432,429
SUB-TOTAL	722,119,760		$ 31,432,429
T.O.D. METERING	120	$12.00/UNIT	$1,440
PRIMARY VOLTAGE CREDIT	17,812,500	—$0.0005 /KWH	$8,906-
TOTAL RATE REVENUE			$ 33,909,385
TAX SURCHARGE REVENUE		6.75%	$ 2,288,883
ENERGY COST RATE REVENUE		$ .006422/KWH	$ 4,637,453
	TOTAL REVENUE		$ 40,835,721
PROPOSED RATE			
TOTAL BILLS	17,891	$17.00/BILL	$ 304,147
BILLING KW BLOCKS			
ALL BKW	2,954,742	$ 1.00/KW	$ 2,954,742
SUB-TOTAL	2,954,742		$ 3,258,889
KWH BLOCK			
ALL KWH	722,119,760	$ .060/KWH	$ 43,327,186
SUB-TOTAL	722,119,760		$ 43,327,186
T.O.D. METERING	120	$12.00/UNIT	$1,440
PRIMARY VOLTAGE CREDIT	17,812,500	—$0.0005 /KWH	$8,906-
TOTAL RATE REVENUE			$ 46,578,609
TAX SURCHARGE REVENUE		6.30%	$ 2,934,452
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$ 49,513,061

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 49,513,061
TOTAL PRESENT RATE		$ 40,835,721
RATE INCREASE: AMOUNT		$ 8,677,340
PERCENT		21.25
ADJUSTED 1982 TOTAL BOOK REVENUE UNDER PRESENT RATE		$ 44,568,958
RATE INCREASE: PERCENT		21.25
AMOUNT		$ 9,470,904
1982 TOTAL REVENUE UNDER PROPOSED RATE		$ 54,039,862
TAX SURCHARGE @ 6.30%	$ 3,202,739	
BASE RATE REVENUE	$ 50,837,123	
	$ 54,039,862	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	10,820,163	$ 3.77/BILL	$ 40,792,015
KWH BLOCK			
FIRST 200 KWH	2,004,128,744	$ .061028/KWH	$122,307,969
REMAINING KWH	6,301,885,019	$ .044028 "	$277,459,394
OFF PK WH KWH (SEE P.2)	50,996		$ 2,229
SUB-TOTAL	8,306,064,759		$399,769,592
DEMAND CREDIT (SEE P.2)			$76,651-
TOTAL RATE REVENUE			$440,484,956
TAX SURCHARGE REVENUE		6.75%	$ 29,732,735
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 31,679,331
TOTAL REVENUE			$501,897,022
PROPOSED RATE			
TOTAL BILLS	10,820,163	$ 4.75/BILL	$ 51,395,774
KWH BLOCK			
FIRST 200 KWH	2,004,128,744	$ .080/KWH	$160,330,300
REMAINING KWH	6,301,885,019	$ .060 "	$378,113,101
OFF PK WH KWH (SEE P.2)	50,996		$ 2,584
SUB-TOTAL	8,306,064,759		$538,445,985
DEMAND CREDIT (SEE P.2)			$76,651-
TOTAL RATE REVENUE			$589,765,108
TAX SURCHARGE REVENUE		6.30%	$ 37,155,202
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$626,920,310

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$626,920,310
TOTAL PRESENT RATE		$501,897,022
RATE INCREASE: AMOUNT		$125,023,288
PERCENT		24.91
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$499,371,446
RATE INCREASE: PERCENT		24.91
AMOUNT		$124,393,427
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$623,764,873
TAX SURCHARGE @ 6.30%	$ 36,968,191	
BASE RATE REVENUE	$586,796,682	
	$623,764,873	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RTS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	150	$11.00/BILL	$ 1,650
BILLING KW BLOCKS			
ALL BKW	135	$ 2.85/KW	$ 385
SUB-TOTAL	135		$ 2,035
KWH BLOCK			
ALL KWH	316,776	$ .025028/KWH	$ 7,928
SUB-TOTAL	316,776		$ 7,928
TOTAL RATE REVENUE			$ 9,963
TAX SURCHARGE REVENUE		6.75%	$ 673
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 1,208
TOTAL REVENUE			$ 11,844
PROPOSED RATE			
TOTAL BILLS	150	$11.00/BILL	$ 1,650
BILLING KW BLOCKS			
ALL BKW	135	$ 4.25/KW	$ 574
SUB-TOTAL	135		$ 2,224
KWH BLOCK			
ALL KWH	316,776	$ .028/KWH	$ 8,870
SUB-TOTAL	316,776		$ 8,870
TOTAL RATE REVENUE			$ 11,094
TAX SURCHARGE REVENUE		6.30%	$ 699
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 11,793

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 11,793
TOTAL PRESENT RATE		$ 11,844
RATE INCREASE: AMOUNT		$ 51-
PERCENT		- .43
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$ 27,635
RATE INCREASE: PERCENT		- .43
AMOUNT		$ 119-
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$ 27,516
TAX SURCHARGE @ 6.30%	$ 1,631	
BASE RATE REVENUE	$ 25,885	
	$ 27,516	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GS-1
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	1,192,679	$ 5.00/BILL	$ 5,963,395
BILLING KW BLOCKS			
0-4(MIN)	4,771,815	$ .00/KW	$ 0
OVER 4	3,932,459	$ 1.27 "	$ 4,994,223
SUB-TOTAL	8,704,274		$ 10,957,618
KWH BLOCK			
FIRST 150 KWH/BKW	754,746,317	$ .070028/KWH	$ 52,853,375
REMAINING KWH	243,366,806	$ .050028 "	$ 12,175,155
SUB-TOTAL	998,113,123		$ 65,028,530
T.O.D. METERING	159	$12.00/UNIT	$ 1,908
TOTAL RATE REVENUE			$ 75,988,056
TAX SURCHARGE REVENUE		6.75%	$ 5,129,194
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 3,806,803
	TOTAL REVENUE		$ 84,924,053
PROPOSED RATE			
TOTAL BILLS	1,192,679	$ 6.50/BILL	$ 7,752,414
BILLING KW BLOCKS			
0-4(MIN)	4,771,815	$ .00/KW	$ 0
OVER 4	3,932,459	$ 1.70 "	$ 6,685,180
SUB-TOTAL	8,704,274		$ 14,437,594
KWH BLOCK			
FIRST 150 KWH/BKW	754,746,317	$ .092/KWH	$ 69,436,661
REMAINING KWH	243,366,806	$ .067 "	$ 16,305,576
SUB-TOTAL	998,113,123		$ 85,742,237
T.O.D. METERING	159	$12.00/UNIT	$ 1,908
TOTAL RATE REVENUE			$100,181,739
TAX SURCHARGE REVENUE		6.30%	$ 6,311,450
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$106,493,189

CALCULATED REVENUE FROM DISTRIBUTION			
TOTAL PROPOSED RATE			$106,493,189
TOTAL PRESENT RATE			$ 84,924,053
RATE INCREASE: AMOUNT			$ 21,569,136
PERCENT			25.40
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE			$ 87,437,145
RATE INCREASE: PERCENT			25.40
AMOUNT			$ 22,209,035
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE			$109,646,180
TAX SURCHARGE @ 6.30%		$ 6,498,315	
BASE RATE REVENUE		$103,147,865	
		$109,646,180	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GS-3
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
25-125	8,300,700	$ 5.60/KW	$ 46,483,920
OVER 125	4,460,967	$ 3.71 "	$ 16,550,188
SUB-TOTAL	12,761,667		$ 63,034,108
KWH BLOCK			
FIRST 150 KWH/BKW	1,872,836,207	$ .038028/KWH	$ 71,220,215
NEXT 100 KWH/BKW	982,962,590	$ .034028 "	$ 33,448,251
REMAINING KWH	1,129,958,955	$ .030028 "	$ 33,930,408
SUB-TOTAL	3,985,757,752		$138,598,874
T.O.D. METERING	5,035	$12.00/UNIT	$ 60,420
TOTAL RATE REVENUE			$201,693,402
TAX SURCHARGE REVENUE		6.75%	$ 13,614,305
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 15,201,680
TOTAL REVENUE			$230,509,387
PROPOSED RATE			
BILLING KW BLOCKS			
25-125	8,300,700	$ 7.10/KW	$ 58,934,970
OVER 125	4,460,967	$ 4.70 "	$ 20,966,545
SUB-TOTAL	12,761,667		$ 79,901,515
KWH BLOCK			
FIRST 150 KWH/BKW	1,872,836,207	$ .053/KWH	$ 99,260,319
NEXT 100 KWH/BKW	982,962,590	$ .047 "	$ 46,199,242
REMAINING KWH	1,129,958,955	$ .041 "	$ 46,328,317
SUB-TOTAL	3,985,757,752		$191,787,878
T.O.D. METERING	5,035	$12.00/UNIT	$ 60,420
TOTAL RATE REVENUE			$271,749,813
TAX SURCHARGE REVENUE		6.30%	$ 17,120,238
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$288,870,051

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$288,870,051
TOTAL PRESENT RATE		$230,509,387
RATE INCREASE: AMOUNT		$ 58,360,664
PERCENT		25.32
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$231,705,115
RATE INCREASE: PERCENT		25.32
AMOUNT		$ 58,667,735
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$290,372,850
TAX SURCHARGE @ 6.30%	$ 17,209,303	
BASE RATE REVENUE	$273,163,547	
	$290,372,850	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-4
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
25-200	1,407,131	$ 5.00/KW	$ 7,035,655
OVER 200	6,197,818	$ 3.30 "	$ 20,452,799
SUB-TOTAL	7,604,949		$ 27,488,454
KWH BLOCK			
FIRST 150 KWH/BKW	1,132,190,802	$ .037028/KWH	$ 41,922,761
NEXT 100 KWH/BKW	706,751,609	$ .030028 "	$ 21,222,337
REMAINING KWH	1,223,495,489	$ .027028 "	$ 33,068,636
SUB-TOTAL	3,062,437,900		$ 96,213,734
T.O.D. METERING	2,316	$12.00/UNIT	$ 27,792
TOTAL RATE REVENUE			$123,729,980
TAX SURCHARGE REVENUE		6.75%	$ 8,351,774
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 11,680,138
	TOTAL REVENUE		$143,761,892
PROPOSED RATE			
BILLING KW BLOCKS			
25-200	1,407,131	$ 6.55/KW	$ 9,216,708
OVER 200	6,197,818	$ 4.15 "	$ 25,720,945
SUB-TOTAL	7,604,949		$ 34,937,653
KWH BLOCK			
FIRST 150 KWH/BKW	1,132,190,802	$ .051/KWH	$ 57,741,731
NEXT 100 KWH/BKW	706,751,609	$ .043 "	$ 30,390,319
REMAINING KWH	1,223,495,489	$ .038 "	$ 46,492,829
SUB-TOTAL	3,062,437,900		$134,624,879
T.O.D. METERING	2,316	$12.00/UNIT	$ 27,792
TOTAL RATE REVENUE			$169,590,324
TAX SURCHARGE REVENUE		6.30%	$ 10,684,190
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$180,274,514
CALCULATED REVENUE FROM DISTRIBUTION			
TOTAL PROPOSED RATE			$180,274,514
TOTAL PRESENT RATE			$143,761,892
RATE INCREASE: AMOUNT			$ 36,512,622
PERCENT			25.40
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE			$148,250,422
RATE INCREASE: PERCENT			25.40
AMOUNT			$ 37,655,607
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE			$185,906,029
TAX SURCHARGE @ 6.30%		$ 11,017,949	
BASE RATE REVENUE		$174,888,080	
		$185,906,029	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-5
CALCULATION OF EFFECT OF PROPOSED RATE

BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
0-300	288,801	$ 3.10/KW	$ 895,283
OVER 300	2,664,302	$ 2.75 "	$ 7,326,831
SUB-TOTAL	2,953,103		$ 8,222,114
KWH BLOCK			
FIRST 150 KWH/BKW	441,296,120	$ .033028/KWH	$ 14,575,128
NEXT 100 KWH/BKW	282,328,843	$ .029028 "	$ 8,195,442
REMAINING KWH	500,886,237	$ .025028 "	$ 12,536,181
SUB-TOTAL	1,224,511,200		$ 35,306,751
T.O.D. METERING	328	$12.00/UNIT	$ 3,936
TOTAL RATE REVENUE			$ 43,532,801
TAX SURCHARGE REVENUE		6.75%	$ 2,938,464
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 4,670,286
	TOTAL REVENUE		$ 51,141,551
PROPOSED RATE			
BILLING KW BLOCKS			
0-300	288,801	$ 3.90/KW	$ 1,126,324
OVER 300	2,664,302	$ 3.50 "	$ 9,325,057
SUB-TOTAL	2,953,103		$ 10,451,381
KWH BLOCK			
FIRST 150 KWH/BKW	441,296,120	$ .047/KWH	$ 20,740,918
NEXT 100 KWH/BKW	282,328,843	$ .040 "	$ 11,293,154
REMAINING KWH	500,886,237	$ .035 "	$ 17,531,018
SUB-TOTAL	1,224,511,200		$ 49,565,090
T.O.D. METERING	328	$12.00/UNIT	$ 3,936
TOTAL RATE REVENUE			$ 60,020,407
TAX SURCHARGE REVENUE		6.30%	$ 3,781,286
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$ 63,801,693
CALCULATED REVENUE FROM DISTRIBUTION			
TOTAL PROPOSED RATE			$ 63,801,693
TOTAL PRESENT RATE			$ 51,141,551
RATE INCREASE: AMOUNT			$ 12,660,142
PERCENT			24.76
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE			$ 49,653,764
RATE INCREASE: PERCENT			24.76
AMOUNT			$ 12,294,272
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE			$ 61,948,036
TAX SURCHARGE @ 6.30%		$ 3,671,426	
BASE RATE REVENUE		$ 58,276,610	
		$ 61,948,036	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE LP-6
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
BILLING KW BLOCKS			
ALL BKW	7,132,474	$ 2.70/KW	$ 19,257,680
SUB-TOTAL	7,132,474		$ 19,257,680
KWH BLOCK			
FIRST 150 KWH/BKW	1,066,214,616	$ .031028/KWH	$ 33,082,567
NEXT 100 KWH/BKW	698,548,410	$ .025028 "	$ 17,483,270
REMAINING KWH	1,665,963,174	$ .024028 "	$ 40,029,743
SUB-TOTAL	3,430,726,200		$ 90,595,580
T.O.D. METERING	195	$12.00/UNIT	$ 2,340
FACILITY CHARGE	12	$3450.00/UNIT	$ 41,400
TOTAL RATE REVENUE			$109,896,960
TAX SURCHARGE REVENUE		6.75%	$ 7,418,045
ENERGY COST RATE REVENUE		$ .003914/KWH	$ 13,084,790
TOTAL REVENUE			$130,399,795
PROPOSED RATE			
BILLING KW BLOCKS			
ALL BKW	7,132,474	$ 3.50/KW	$ 24,963,659
SUB-TOTAL	7,132,474		$ 24,963,659
KWH BLOCK			
FIRST 150 KWH/BKW	1,066,214,616	$ .043/KWH	$ 45,847,228
NEXT 100 KWH/BKW	698,548,410	$ .038 "	$ 26,544,840
REMAINING KWH	1,665,963,174	$ .034 "	$ 56,642,748
SUB-TOTAL	3,430,726,200		$129,034,816
T.O.D. METERING	195	$12.00/UNIT	$ 2,340
FACILITY CHARGE	12	$3450.00/UNIT	$ 41,400
TOTAL RATE REVENUE			$154,042,215
TAX SURCHARGE REVENUE		6.30%	$ 9,704,660
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$163,746,875

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$163,746,875
TOTAL PRESENT RATE		$130,399,795
RATE INCREASE: AMOUNT		$ 33,347,080
PERCENT		25.57
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$134,907,723
RATE INCREASE: PERCENT		25.57
AMOUNT		$ 34,495,905
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$169,403,628
TAX SURCHARGE @ 6.30%	$ 10,039,914	
BASE RATE REVENUE	$159,363,714	
	$169,403,628	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE BL
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
KWH BLOCK			
ALL KWH	3,845,315	$ .055028/KWH	$ 211,600
SUB-TOTAL	3,845,315		$ 211,600
FACILITY CHARGE			$21,632
TOTAL RATE REVENUE			$ 233,232
TAX SURCHARGE REVENUE		6.75%	$ 15,743
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 14,666
TOTAL REVENUE			$ 263,641
PROPOSED RATE			
KWH BLOCK			
ALL KWH	3,845,315	$ .075/KWH	$ 288,399
SUB-TOTAL	3,845,315		$ 288,399
FACILITY CHARGE			$21,632
TOTAL RATE REVENUE			$ 310,031
TAX SURCHARGE REVENUE		6.30%	$ 19,532
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 329,563

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE			$ 329,563
TOTAL PRESENT RATE			$ 263,641
RATE INCREASE: AMOUNT			$ 65,922
PERCENT			25.00
1983 ESTIMATED REVENUE UNDER PRESENT RATE			$ 270,312
RATE INCREASE: PERCENT			25.00
AMOUNT			$ 67,578
1983 ESTIMATED REVENUE UNDER PROPOSED RATE			$ 337,890
TAX SURCHARGE @	6.30%	$ 20,025	
BASE RATE REVENUE		$ 317,865	
		$ 337,890	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SA
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD	6650	36,813	33,867,960	$ 8.75		$11.05
CALCULATED ANNUAL REVENUE			33,867,960	$ 3,865,365		$ 4,881,404
TAX SURCHARGE @			6.75%	$260,912	6.30%	$307,528
ECR @			3.814 MILLS/ KWH	$129,172	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 4,255,449		$ 5,188,932
RATE INCREASE: AMOUNT						$ 933,483
PERCENT						21.94
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 4,224,162
RATE INCREASE: PERCENT						21.94
AMOUNT						$ 926,781
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 5,150,943
TAX SURCHARGE @ 6.30%				$ 305,277		
BASE RATE REVENUE				$ 4,845,666		
				$ 5,150,943		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SM
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT	MONTHLY RATE PROPOSED
OVERHEAD					
WOOD POLE	3350	36,817	21,685,213	$ 7.40	$ 9.25
	6650	33,619	30,929,480	$ 8.85	$11.20
	10500	1,694	2,178,484	$11.30	$14.35
	20000	6,881	14,023,478	$14.15	$18.10
	34000	64	222,336	$23.00	$29.45
	51000	26	124,826	$28.85	$37.05
	21800	28	48,412	$14.10	$18.10
METAL POLE	6650	543	499,560	$14.35	$17.90
	10500	203	261,058	$16.75	$21.00
	20000	676	1,377,688	$19.60	$24.80
	34000	65	225,810	$28.60	$36.30
	51000			$34.75	$44.30
	21800	260	449,540	$19.75	$24.95
UNDERGROUND					
WOOD POLE	3350	182	107,198	$12.30	$15.30
	6650	660	607,200	$14.15	$17.70
LOW MOUNT	3350	890	524,210	$13.50	$16.75
	6650	763	701,960	$15.35	$19.15
HIGH MOUNT	6650	978	899,760	$17.20	$21.45
	10500	119	153,034	$19.40	$24.20
	20000	2,942	5,995,796	$22.50	$28.35
	34000	227	788,598	$32.40	$40.95
	51000	161	772,961	$38.50	$48.90
	21800	29	50,141	$22.60	$28.40
MULTIPLE UNITS	6650	111	102,120	$ 7.25	$ 9.20
	10500	3	3,658	$ 9.50	$12.05
	20000	84	171,192	$12.30	$15.80
	34000	1	3,474	$21.30	$27.40
	51000	10	48,010	$27.20	$35.05
CUSTOMER OWNED	3350	109	64,201	$ 3.90	$ 5.00
	6650	37	34,040	$ 5.45	$ 7.05
	10500	200	257,200	$ 7.35	$ 9.45
	20000	1,535	3,128,330	$10.30	$13.35
	34000	28	97,272	$17.80	$23.05
	51000	167	801,767	$23.65	$30.75
CALCULATED ANNUAL REVENUE			87,338,207	$10,558,663	$13,318,397
TAX SURCHARGE @ 6.75%				$712,710	6.30% $839,059
ECR @ 3.814 MILLS/KWH				$333,108	0.000 MILLS/KWH $0
TOTAL CALCULATED ANNUAL REVENUE :				$11,604,481	$14,157,456
RATE INCREASE: AMOUNT					$ 2,552,975
PERCENT					22.00
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE					$12,100,206
RATE INCREASE: PERCENT					22.00
AMOUNT					$ 2,662,045
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE					$14,762,251
TAX SURCHARGE @ 6.30%				$ 874,903	
BASE RATE REVENUE				$ 13,887,348	
				$ 14,762,251	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SHS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT	MONTHLY RATE PROPOSED
OVERHEAD					
WOOD POLE	9500	1,239	634,368	$10.90	$12.75
	16000	2,504	1,885,512	$11.95	$14.05
	25500	1,025	1,392,975	$16.50	$19.60
	50060	11	23,463	$21.25	$25.25
METAL POLE	9500	69	35,328	$14.70	$17.10
	16000	55	41,415	$15.70	$18.40
	25500	78	106,002	$19.60	$23.10
	50000			$23.95	$28.40
UNDERGROUND					
WOOD POLE	9500	10	5,120	$17.45	$20.30
LOW MOUNT	5800	5	1,785	$16.15	$18.85
	9500	74	37,888	$17.35	$20.20
HIGH MOUNT	9500			$21.20	$24.65
	16000	73	54,969	$22.25	$25.95
	25500	192	260,928	$30.35	$35.45
	50000	17	36,261	$34.70	$40.80
MULTIPLE UNITS					
	9500	9	4,608	$ 9.60	$11.25
	16000	8	6,024	$10.00	$11.80
	25500	13	17,667	$13.00	$15.50
	50000			$15.65	$18.80
CALCULATED ANNUAL REVENUE			4,544,313	$ 886,760	$ 1,043,081
TAX SURCHARGE @ 6.75%				$59,856 6.30%	$65,714
ECR @			3.814 MILLS/ KWH	$17,332 0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 963,948	$ 1,108,795
RATE INCREASE: AMOUNT					$ 144,847
PERCENT					15.03
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE					$ 1,065,872
RATE INCREASE: PERCENT					15.03
AMOUNT					$ 160,201
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE					$ 1,226,073
TAX SURCHARGE @ 6.30%				$ 72,665	
BASE RATE REVENUE				$ 1,153,408	
				$ 1,226,073	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE TS
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS WATTS	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
TRAFFIC SIGNAL	25	2	439	$ .0561		$ .073
	50	7	3,066	$ .0561		$ .073
	60	427	224,431	$ .0561		$ .073
	67	225	132,030	$ .0561		$ .073
	69	221	133,661	$ .0561		$ .073
	100	5	4,380	$ .0561		$ .073
	104	2	1,798	$ .0561		$ .073
	107	12	11,246	$ .0561		$ .073
	116	17	17,279	$ .0561		$ .073
	125	3	3,287	$ .0561		$ .073
	134	2	2,347	$ .0561		$ .073
CALCULATED ANNUAL REVENUE			533,964	$ 41,032		$ 53,393
TAX SURCHARGE @ 6.75%				$2,770	6.30%	$3,364
ECR @			3.814 MILLS/ KWH	$2,037	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 45,839		$ 56,757
RATE INCREASE: AMOUNT						$ 10,918
PERCENT						23.82
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 45,513
RATE INCREASE: PERCENT						23.82
AMOUNT						$ 10,841
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 56,354
TAX SURCHARGE @ 6.30%				$ 3,340		
BASE RATE REVENUE				$ 53,014		
				$ 56,354		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE RX(R)

CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	584	$11.00/BILL	$ 6,424
KWH BLOCK			
ON PEAK KWH	324,918	$ .068028/KWH	$ 22,104
OFF PEAK KWH	580,080	$ .025028 "	$ 14,518
SUB-TOTAL	904,998		$ 36,622
TOTAL RATE REVENUE			$ 43,046
TAX SURCHARGE REVENUE		6.75%	$ 2,906
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 3,452
	TOTAL REVENUE		$ 49,404
PROPOSED RATE			
TOTAL BILLS	584	$11.00/BILL	$ 6,424
KWH BLOCK			
ON PEAK KWH	324,918	$ .111/KWH	$ 36,066
OFF PEAK KWH	580,080	$ .028 "	$ 16,242
SUB-TOTAL	904,998		$ 52,308
TOTAL RATE REVENUE			$ 58,732
TAX SURCHARGE REVENUE		6.30%	$ 3,700
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$ 62,432

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 62,432
TOTAL PRESENT RATE		$ 49,404
RATE INCREASE: AMOUNT		$ 13,028
PERCENT		26.37
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$ 102,323
RATE INCREASE: PERCENT		26.37
AMOUNT		$ 26,983
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$ 129,306
TAX SURCHARGE @ 6.30%	$ 7,663	
BASE RATE REVENUE	$ 121,643	
	$ 129,306	

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-1(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD						
WOOD POLE	600	484	120,516	$ 3.80		$ 4.90
	1000	692	306,556	$ 5.00		$ 6.15
	2500	1,131	982,839	$ 7.90		$10.25
	4000	1,371	1,927,626	$10.50		$13.70
	6000	40	77,040	$13.15		$16.95
METAL POLE	2500	136	118,184	$11.25		$15.60
	4000	34	47,804	$13.35		$17.65
	6000	23	44,298	$15.65		$19.45
UNDERGROUND						
LOW MOUNT	2500	386	335,434	$12.00		$15.45
	4000	194	272,764	$14.10		$18.10
	6000	30	57,780	$15.70		$19.90
HIGH MOUNT	2500	101	87,769	$14.30		$18.95
	4000	42	59,052	$16.50		$21.10
	6000	1	1,926	$18.75		$23.30
CALCULATED ANNUAL REVENUE			4,439,588	$ 497,927		$ 644,945
TAX SURCHARGE @ 6.75%				$33,610	6.30%	$40,632
ECR @			3.814 MILLS/ KWH	$16,933	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE				$ 548,470		$ 685,577
RATE INCREASE: AMOUNT						$ 137,107
PERCENT						25.00
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 574,820
RATE INCREASE: PERCENT						25.00
AMOUNT						$ 143,705
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 718,525
TAX SURCHARGE @ 6.30%				$ 42,584		
BASE RATE REVENUE				$ 675,941		
				$ 718,525		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-4(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
OVERHEAD						
WOOD POLE	1000	663	293,709	$ 4.41		$ 5.80
	2500	720	625,680	$ 7.56		$10.25
	4000	842	1,183,852	$ 9.90		$13.70
	6000	107	206,082	$12.65		$16.95
WHITE WAY	4000	13	18,278	$10.50		$13.70
	6000	275	529,650	$13.15		$16.95
CALCULATED ANNUAL REVENUE			2,857,251	$ 261,710		$ 352,966
TAX SURCHARGE @ 6.75%				$17,665	6.30%	$22,237
ECR @			3.814 MILLS/ KWH	$10,898	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 290,273		$ 375,203
RATE INCREASE: AMOUNT						$ 84,930
PERCENT						29.26
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 283,065
RATE INCREASE: PERCENT						29.26
AMOUNT						$ 82,825
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 365,890
TAX SURCHARGE @ 6.30%				$ 21,685		
BASE RATE REVENUE				$ 344,205		
				$ 365,890		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE SI-6(R)
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31,1982

TYPE OF SERVICE	LAMPS LUMEN	LAMPS NUMBER	ANNUAL KWH	MONTHLY RATE PRESENT		MONTHLY RATE PROPOSED
UNDERGROUND						
LOW MOUNT	2500	168	145,992	$11.10		$15.45
	4000	19	26,714	$14.10		$18.10
	6000	3	5,778	$15.70		$19.90
CALCULATED ANNUAL REVENUE			178,484	$ 26,158		$ 35,990
TAX SURCHARGE @ 6.75%				$1,766	6.30%	$2,267
ECR @			3.814 MILLS/ KWH	$681	0.000 MILLS/ KWH	$0
TOTAL CALCULATED ANNUAL REVENUE :				$ 28,605		$ 38,257
RATE INCREASE: AMOUNT						$ 9,652
PERCENT						33.74
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE						$ 28,879
RATE INCREASE: PERCENT						33.74
AMOUNT						$ 9,744
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE						$ 38,623
TAX SURCHARGE @ 6.30%				$ 2,289		
BASE RATE REVENUE				$ 36,334		
				$ 38,623		

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-1
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	9,510	$15.00/BILL	$ 142,650
BILLING KW BLOCKS			
ALL BKW	696,660	$ .75/KW	$ 522,495
SUB-TOTAL	696,660		$ 665,145
KWH BLOCK			
FIRST 2500 KWH	21,693,433	$ .057028/KWH	$ 1,237,133
NEXT 100 KWH/BKW	64,193,315	$ .048028 "	$ 3,083,077
REMAINING KWH	98,763,600	$ .043028 "	$ 4,447,127
SUB-TOTAL	184,650,348		$ 8,767,337
T.O.D. METERING	36	$12.00/UNIT	$ 432
TOTAL RATE REVENUE			$ 9,432,914
TAX SURCHARGE REVENUE		6.75%	$ 636,722
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 704,256
	TOTAL REVENUE		$ 10,773,892
PROPOSED RATE			
TOTAL BILLS	9,510	$17.00/BILL	$ 161,670
BILLING KW BLOCKS			
ALL BKW	696,660	$ 1.00/KW	$ 696,660
SUB-TOTAL	696,660		$ 858,330
KWH BLOCK			
FIRST 2500 KWH	21,693,433	$ .079/KWH	$ 1,713,781
NEXT 100 KWH/BKW	64,193,315	$ .065 "	$ 4,172,565
REMAINING KWH	98,763,600	$ .041 "	$ 4,024,580
SUB-TOTAL	184,650,348		$ 11,910,926
T.O.D. METERING	36	$12.00/UNIT	$ 432
TOTAL RATE REVENUE			$ 12,769,688
TAX SURCHARGE REVENUE		6.30%	$ 804,490
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
	TOTAL REVENUE		$ 13,574,178

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE	$ 13,574,178
TOTAL PRESENT RATE	$ 10,773,892
RATE INCREASE: AMOUNT	$ 2,800,286
PERCENT	25.99
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE	$ 13,754,862
RATE INCREASE: PERCENT	25.99
AMOUNT	$ 3,574,889
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE	$ 17,329,751
TAX SURCHARGE @ 6.39%	$ 1,027,069
BASE RATE REVENUE	$ 16,302,682
	$ 17,329,751

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-2
CALCULATION OF EFFECT OF PROPOSED RATE
BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	44,116	$12.00/BILL	$ 529,392
KWH BLOCK			
FIRST 200 KWH	7,984,577	$ .000000/KWH	
REMAINING KWH	122,999,129	$ .046028 *	$ 5,661,404
SUB-TOTAL	130,983,706		$ 5,661,404
TOTAL RATE REVENUE			$ 6,190,796
TAX SURCHARGE REVENUE		6.75%	$ 417,879
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 499,572
TOTAL REVENUE			$ 7,108,247
PROPOSED RATE			
TOTAL BILLS	44,116	$15.00/BILL	$ 661,740
KWH BLOCK			
FIRST 200 KWH	7,984,577	$ .000/KWH	$ 0
REMAINING KWH	122,999,129	$ .063 *	$ 7,748,945
SUB-TOTAL	130,983,706		$ 7,748,945
TOTAL RATE REVENUE			$ 8,410,685
TAX SURCHARGE REVENUE		6.30%	$ 529,873
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 8,940,558

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE	$ 8,940,558
TOTAL PRESENT RATE	$ 7,108,247
RATE INCREASE: AMOUNT	$ 1,832,311
PERCENT	25.78
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE	$ 6,796,091
RATE INCREASE: PERCENT	25.78
AMOUNT	$ 1,752,032
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE	$ 8,548,123
TAX SURCHARGE @ 6.30%	$ 506,615
BASE RATE REVENUE	$ 8,041,508
	$ 8,548,123

PENNSYLVANIA POWER & LIGHT COMPANY

RATE SCHEDULE GH-4
CALCULATION OF EFFECT OF PROPOSED RATE

BASED ON BILL FREQUENCY DISTRIBUTION FOR 12 MONTHS ENDED JULY 31, 1982

	UNITS	RATE	RATE REVENUE
PRESENT RATE			
TOTAL BILLS	17,891	$15.00/BILL	$ 268,365
BILLING KW BLOCKS			
ALL BKW	2,954,742	$ .75/KW	$ 2,216,057
SUB-TOTAL	2,954,742		$ 2,484,422
KWH BLOCK			
ALL KWH	722,119,760	$ .043528/KWH	$ 31,432,429
SUB-TOTAL	722,119,769		$ 31,432,429
T.O.D. METERING	120	$12.00/UNIT	$1,440
PRIMARY VOLTAGE CREDIT	17,812,500	-$0.0005 /KWH	$8,906-
TOTAL RATE REVENUE			$ 33,909,385
TAX SURCHARGE REVENUE		6.75%	$ 2,288,883
ENERGY COST RATE REVENUE		$ .003814/KWH	$ 2,754,165
TOTAL REVENUE			$ 38,952,433
PROPOSED RATE			
TOTAL BILLS	17,891	$17.00/BILL	$ 304,147
BILLING KW BLOCKS			
ALL BKW	2,954,742	$ 1.69/KW	$ 2,954,742
SUB-TOTAL	2,954,742		$ 3,258,889
KWH BLOCK			
ALL KWH	722,119,760	$ .060/KWH	$ 43,327,186
SUB-TOTAL	722,119,760		$ 43,327,186
T.O.D. METERING	120	$12.00/UNIT	$1,440
PRIMARY VOLTAGE CREDIT	17,812,500	-$0.0005 /KWH	$8,906-
TOTAL RATE REVENUE			$ 46,578,609
TAX SURCHARGE REVENUE		6.30%	$ 2,934,452
ENERGY COST RATE REVENUE		$ .000000/KWH	$ 0
TOTAL REVENUE			$ 49,513,061

CALCULATED REVENUE FROM DISTRIBUTION

TOTAL PROPOSED RATE		$ 49,513,061
TOTAL PRESENT RATE		$ 38,952,433
RATE INCREASE: AMOUNT		$ 10,560,628
PERCENT		27.11
1983 ESTIMATED TOTAL REVENUE UNDER PRESENT RATE		$ 41,518,083
RATE INCREASE: PERCENT		27.11
AMOUNT		$ 11,255,552
1983 ESTIMATED TOTAL REVENUE UNDER PROPOSED RATE		$ 52,773,635
TAX SURCHARGE @ 6.30%	$ 3,127,694	
BASE RATE REVENUE	$ 49,645,941	
	$ 52,773,635	

PENNSYLVANIA POWER & LIGHT COMPANY

Rate Design

The fundamental objective in designing rates for this increase proposal was to adjust rates for an increase in annual rate revenue of about $315 million or about 25% overall. This increased revenue requirement, due to the addition of Susquehanna Nuclear Plant and other increased costs of providing service, is the net effect of increased plant investment and the pass through of projected energy cost savings attributed to lower cost nuclear fuel and increased interchange sales.

A review of the allocation of the increase to the various rate classes concluded that all classes should bear the increase in a fair and uniform manner. This assignment of increase is further supported by an analysis of the cost of service study which indicated that a uniform increase would move the rate of return of nearly all rate classes closer to the system average.

The following Table I demonstrates this movement.

Table I

RELATIONSHIP OF CLASS RETURN TO SYSTEM

Rate Class	With Present Rates I With Susquehanna	With Proposed Rates II Ratio	All Classes At System Rate III Percent Increase
Residential	90.0	92.5	31.0
Small Gen. Serv.	113.1	110.1	17.7
Large Gen. Serv.	117.8	113.8	14.8
Service at 12 KV	103.9	102.8	23.0
Service at 66 KV (LP-5)	95.8	94.9	28.7
Service at 66 KV (LP-6)	104.4	105.7	20.9
Comm. Heating	79.5	80.5	46.8
St. Lighting	153.0	145.5	(2.6)
Total Retail	100.0	100.0	25.1

The figures in the first two columns of TABLE I show the relative rates of return by rate classes with the system rate set at an index of 100.0

With the unit in service and a 25% total rate increase, it would be necessary to increase each class by the amount shown in Column III in order for each class to have the same return as system average.

Rather than attempt to deal with varying percentage changes, particularly of the magnitude shown in Column III, it was concluded that a generally uniform assignment of the 25% to each class would be proposed. Comparing Column II, which is the relative rate of return by rate classes after the application of a 25% increase to each class, it can be noted that except for minor variations nearly all classes progress toward the unity position.

In handling all customers as evenly as possible, no changes to the rate structure is proposed. All pricing blocks and rate steps in the proposed rates remain the same as in the present rates and with few exceptions most customers will receive an increase which will not vary more than ±2% points from the class average increase and no customer receives an increase greater than 6% points above the overall increase.

Determination of New Energy Cost Base

The proposed rates are designed to recover the total energy cost based on the future test year conditions. Therefore the F_b/S_b factor in the proposed Energy Cost Rate is changed from 14.115 mills/KWH to 9.683 mills/KWH. It is based on the computation shown as follows:

$$F_b/S_b = \frac{\$230,385,300}{23,792,468,300 \text{ KWH}} = 9.683 \text{ mills per KWH}$$

where: F_b = 1983 Projected Net Energy Cost

S_b = 1983 Projected Total Sales

Under this approach it is assumed that the ECR for the future test year is zero and the revenues thereunder also zero.

Residential Service

The demand provision is continued as an experiment at a credit of $3 per KW for larger residential customers who establish demands below the norm.

The off-peak water heating provision is maintained with no increase in the customer charge of $4.50 per month. The charge per KWH is increased to 2.8 cents.

Rate Schedule RS

As stated previously the proposed rates are based on a uniform increase to the present rate steps. There is some minor adjustments for rounding the charges to the nearest mill/KWH. The overall increase for Rate RS was kept slightly below the average.

Time of Day Rates (Residential)

The methods and assumptions used to develop these rates in their original form were examined and updated for future test year circumstances. Several notable changes have occurred: (1) the effect of the nuclear unit on increasing production plant costs and lowering energy costs and (2) the availability and costs of suitable meters.

The rationale for the time-of-use rate experiment was also reviewed. The exercise was proposed mainly to measure the differing response and reaction to this rate form between those who would volunteer for the rate and those who would have it applied to them without their choice.

Since that decision, two factors have surfaced which suggest a change in this approach. One deals with the mechanics of the test. It has proved extremely difficult to attract to the rate those who are not interested. The only customers served are from the volunteer group.

The other factor is a change in Company philosophy. At the time, the experiment was proposed, the Company was concerned that offering this rate style solely on a volunteer basis would have a measurable reductive effect on revenue. This condition could ultimately lead to higher charges for those who elected not to participate. Despite the possibility, the Company now perceives that the volunteer approach is the only realistic way to expose customers to this method of pricing.

Therefore, with this filing the Company proposes to abandon the experiment and replace Rate RX with Rate RTD. The latter will be available to all residential customers.

Rate RTS

The rate was redesigned as follows:

- o The customer charge was left unchanged at $11.00 per month. It is equivalent to total residential customer costs less the meter cost component.

- o The demand charge was derived by dividing the total annual bulk power plant cost (production, transmission, and primary distribution costs) assigned to residential service by the total monthly non-coincident on-peak demand for residential service at the sales level.

Bulk Power $\frac{\$266,625,000}{62,676,800 \text{ KW}} = \$4.25 \text{ per KW}$

- The KWH charge was derived by accumulating the total assigned energy cost, the distribution cost, and a portion of the higher cost metering equipment needed to properly record usage and dividing by total residential use.

Energy	$151,181,000
Distribution	36,651,000
Meter	40,000,000*
	$227,832,000

$$\frac{\$227,832,000}{8,242,374,000 \text{ KWH}} = 2.8¢ \text{ per KWH}$$

*Meter costs

$$\$350 \times .25 \times 895,807 = \$78,400,000$$

(meter cost) (carrying charge) (residential customers) (used approximately one half)

Rate RTD

The rate is designed as shown below. It is proposed that it replace Rate RX, the rate designed for a pricing experiment which is to be abandoned.

- The customer charge is unchanged at $11.00 per month. (See RTS)
- The on-peak KWH charge is derived by dividing the bulk power plant cost (see RTS) by on-peak KWH.

Bulk Power

$$\frac{\$266,625,000}{3,214,526,000 \text{ KWH}} = 8.3¢ \text{ per KWH}$$

To this is added the energy cost, distribution cost, and meter cost. (See RTS)

$$\frac{\$227,832,000}{8,242,374,000 \text{ KWH}} = 2.8¢ \text{ per KWH}$$

TOTAL on-peak KWH charge is 8.3¢ + 2.8¢ = 11.1¢ per KWH

- The off-peak KWH charge is 2.8¢ per KWH as derived above.

Off Peak Hours

A review of daily use and cost patterns continue to affirm the on-peak hours of 7A-9P weekdays. However, since residential customer reaction to the 14 hours on-peak period has in some instances been critical, the Company has elected to establish a shorter on-peak period in order to make the time of day rates more acceptable. To promote residential off-peak energy use it is necessary to select rating periods which will be the least disruptive to the customer's life style but still fall within the constraints of the system load curve. Examination of the average weekday load curves for the 12 months of the test year indicated that if 12 consecutive hours are designated as on-peak hours within the weekday 7A-9P period, for the residential time-of-day rate class only, there would be practically no risk of establishing a new peak outside of the already designated weekday 7A-9P on-peak hours.

Therefore, for all residential time-of-day rates the on-peak hours are any 12 consecutive hours within the 7A-9P weekday on-peak period which is selected at the option of the customer. In order to limit any adverse impact of demand charges on the residential time-of-day customer for the RTD and RTS Rate Schedules, a further refinement of the weekday on-peak period is the exclusion of the six major holidays—New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

General Service Rates

Rate Schedules GS-1, GS-3, LP-4, LP-5, and LP-6

The proposed rates maintain the same blocking as in present rates. The prices were increased in a fairly uniform manner with only slight modification to allow for rounding the billing demand to the nearest 5¢/KW and the energy price to the nearest whole mill/KWH. There was a very modest attempt to narrow the difference between the two 66 KV Rate Schedules (LP-5 and LP-6) to make it easier to merge them into a single 66 KV rate schedule in the future. In fact, the difference in billing LP-6 customers on the proposed LP-5 rate is now only 4.3% above the proposed LP-6 rate revenue, as compared to 5.3% higher under the present rates.

General Service Space Heating

Rate Schedules GH-1 and GH-4

These rates have been restricted to customers presently being served since 1973. From a cost analysis stand point it is desirable to eliminate these rates. However, the application of the general service rates would create increases too severe to be absorbed in one step. Therefore, these rates were increased slightly greater than the system average on a somewhat uniform basis with only a slight variation so that eventually GH-1 and GH-4 could be combined into one schedule in the future.

Rate Schedule GH-2

A uniform percentage increase was applied to the block prices.

Rate Schedule BL

This rate schedule is for borderline service to other utilities. The rate was increased by approximately 25%, the system average amount.

Street Lighting

Rate Schedules SA, SM, SHS, TS(R), SI-1(R), SI-4(R), and SI-6(R)

The proposed increase for the street lighting rate class is slightly lower than that for the other rate classes. This lower level of increase is proposed in recognition of the relationship of the street lighting class rate of return to the overall Company rate of return.

The increase for Rate Schedule SI-1 is approximately that of the average of all other rate classes. This level of increase forms the basis for the other street lighting rate schedules. With this level of increase for SI-1, the proposed increase for mercury vapor and high pressure sodium street lighting service is slightly lower to recognize the relative operating and maintenance efficiency when compared to incandescent.

An ultimate goal is the combination into one rate schedule of the various incandescent street lighting rates, which provide essentially the same type of service. To achieve this end, certain incandescent rates are increased more than others until the lower rate levels are brought up to the successor rate levels. Therefore, the proposed increases to customers under Rate Schedules SI-4(R) and SI-6(R) are greater than that for Rate Schedule SI-1(R). It is proposed that Rate Schedule SI-6(R) be eliminated and those customers be billed under Rate Schedule SI-1(R). With the proposed increase to Rate Schedule SI-4(R), its elimination will be easier to accomplish in the future.

Since incandescent street lighting is more labor and energy intensive than either mercury vapor or high pressure sodium street lighting, the proposed percentage increases for the incandescent street lighting rates are larger than for mercury vapor or high pressure sodium. The increases for the incandescent rates range from 25.00% for SI-1(R) to 33.74% for SI-6(R). The overall increase to the incandescent rates is 26.64%.

The proposed increase for high pressure sodium street lighting under Rate Schedule SHS is less than that for mercury vapor street lighting under Rate Schedule SM. This difference recognizes the improved operating experience of providing high pressure sodium street lighting service. The maintenance record of high pressure sodium equipment is continuing to improve, and the general trend of equipment prices indicates that high pressure sodium equipment prices have not increased to the same extent as mercury vapor prices.

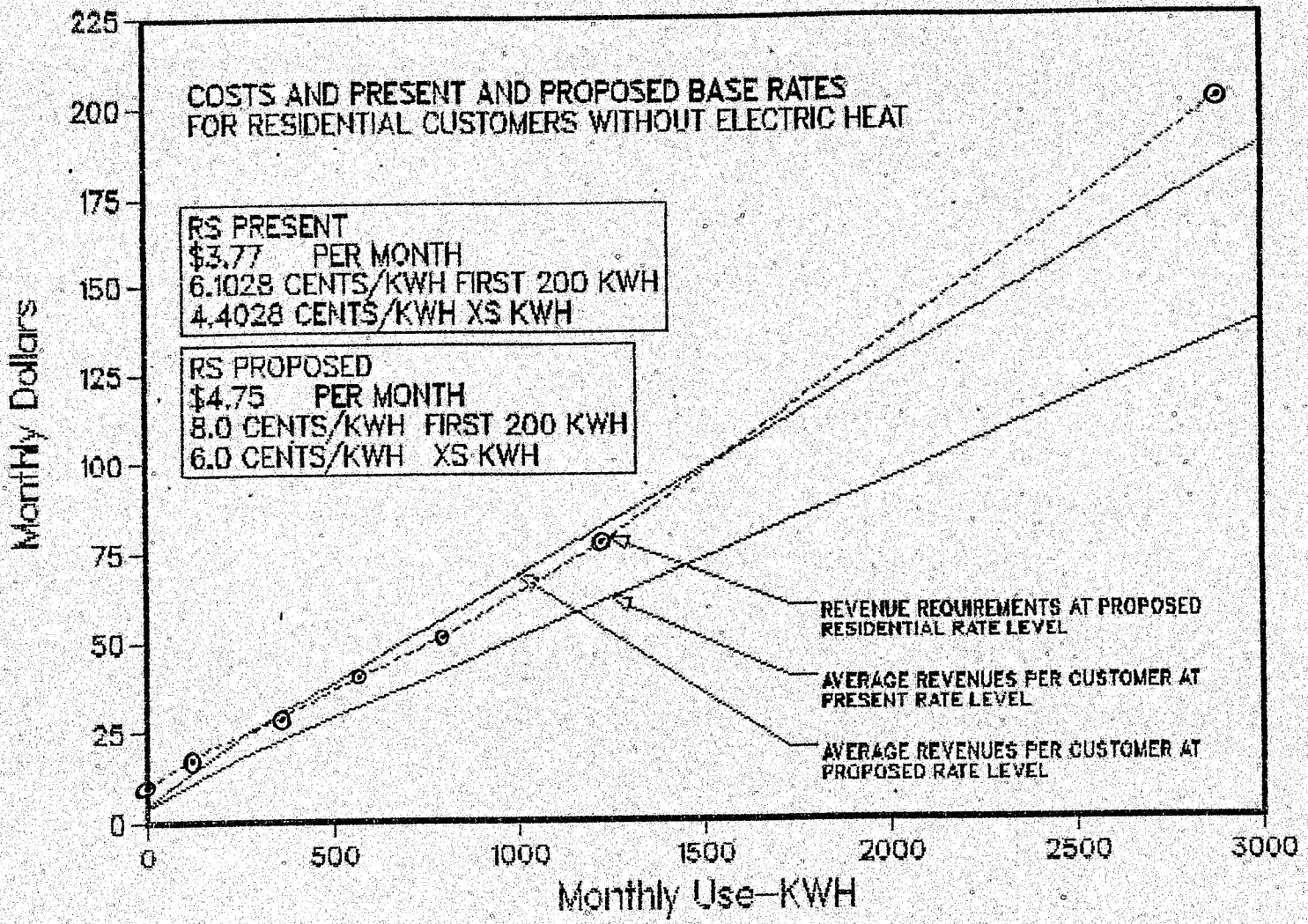
Using the cost of service allocations of energy costs for the determination of the Rate Schedule SE charges, an increase in the rate for lights mounted on a utility pole is proposed while a decrease is proposed for the rate for lights mounted on the customer's pole. The decrease recognizes the benefits from the decreased energy costs of the nuclear plant's operation while the increase recognizes the offsetting effect to the energy costs of the investment in the utility's pole.

Q. 4. Provide a set of curves showing cost and revenue vs. usage for all residential rate schedules. Revenue shall be at present base rates and proposed base rates. Costs shall be as defined in the cost-of-service study. Curves for the all-electric rate schedule shall be on a seasonal basis.

A. 4. See Attachment IV-C-4 for the costs at present and proposed base rates for residential customers without electric heat. Such data is not available for residential customers with electric heat.

These curves are submitted in compliance with this regulation using load research, factorial relationships and unit cost information. The cost portion of the curves should be viewed as an approximation of the cost trends developed from limited data and observations.

Pennsylvania Power & Light Company



Q. 5. Provide a set of curves showing base-rate cost and revenue vs. load factor for all demand/energy rate schedules. Revenues shall be at present base rates and proposed base rates. Costs shall be as defined in the cost-of-service study. Demand shall be for low, average, median, and high values per rate schedule.

A. 5. Revenue and base rate cost comparison curves for rate schedule GS-3, LP-4, LP-5, and LP-6 are provided in Attachment IV-C-5. The graphs compare present and proposed rate revenue with base rate estimated costs.

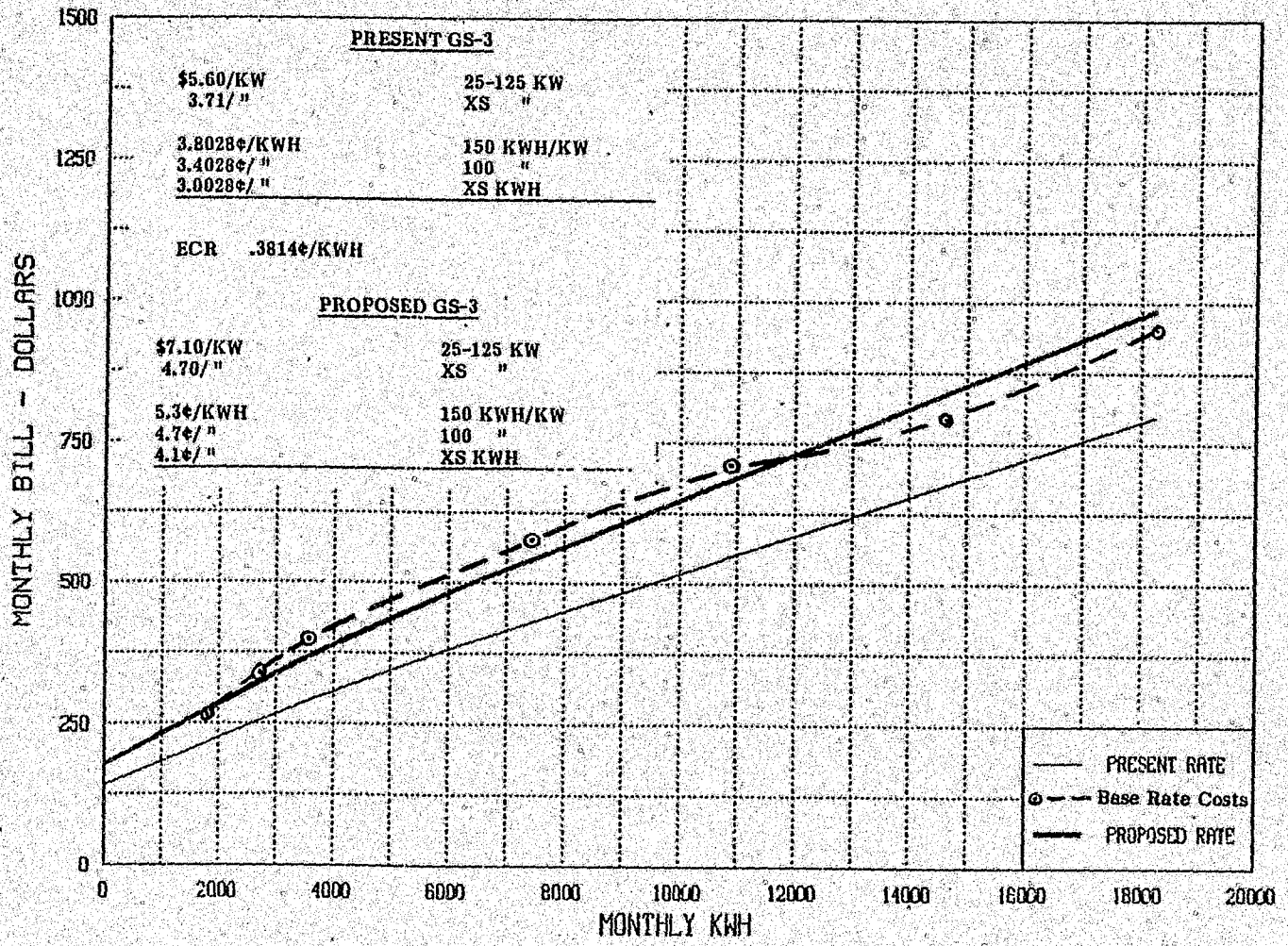
The demand levels used for each rate schedule are shown below:

Rate Schedule	Service Voltage	Low	Median	Average	High
GS-3	Secondary	25	50	100	200
LP-4	Primary (12KV)	150	600	1000	2,000
LP-5	Transmission (66KV)	1,000	2,500	3,000	6,000
LP-6	Transmission (66KV)	10,000	15,000	20,000	40,000

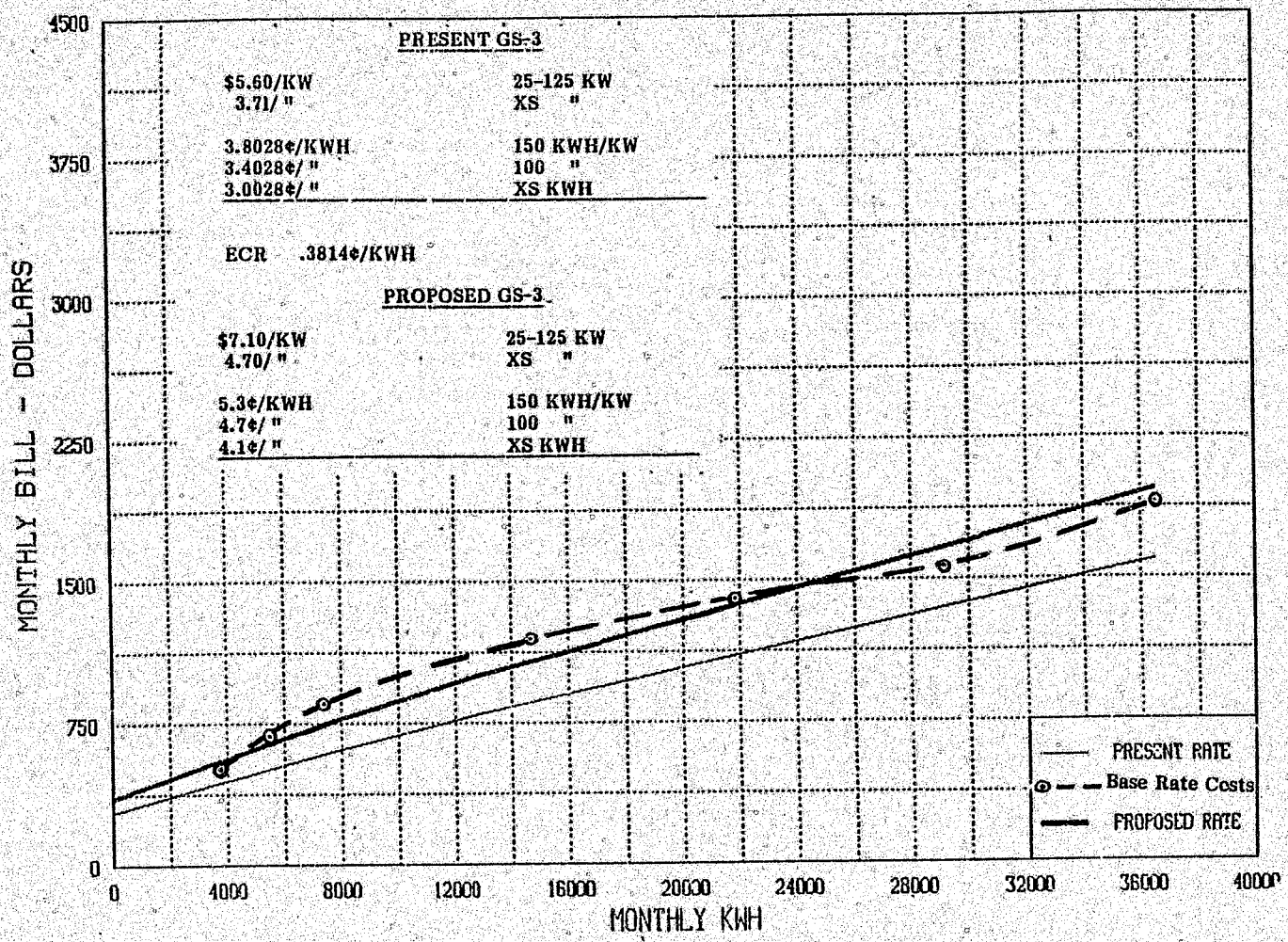
Cost data for other rates containing both a demand and energy charge is not available.

These curves are submitted in compliance with this regulation, using load research, factorial relationships and unit cost information. The cost portion of the curves should be viewed as an approximation of the cost trends developed from limited data and observations.

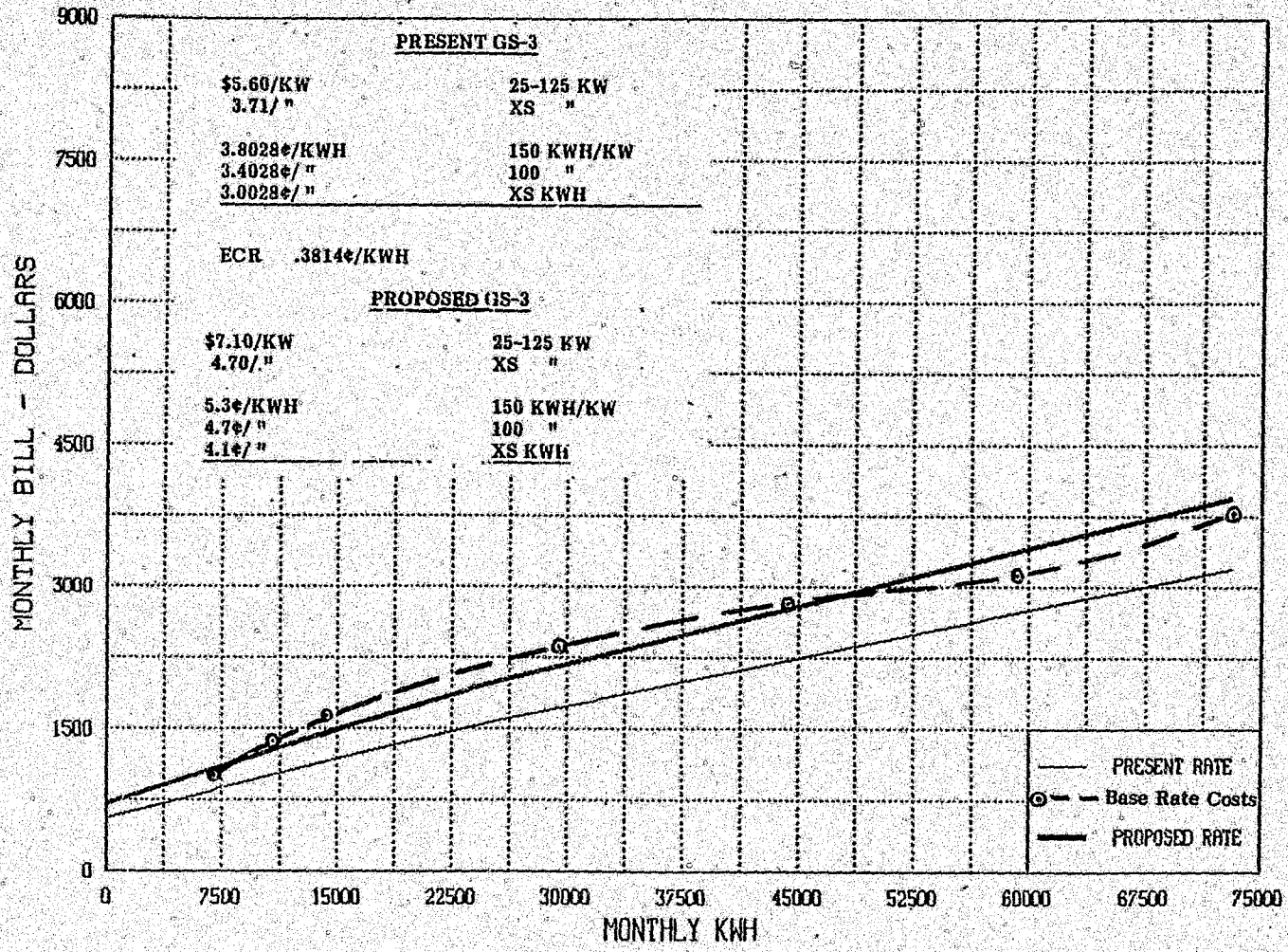
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 25KW



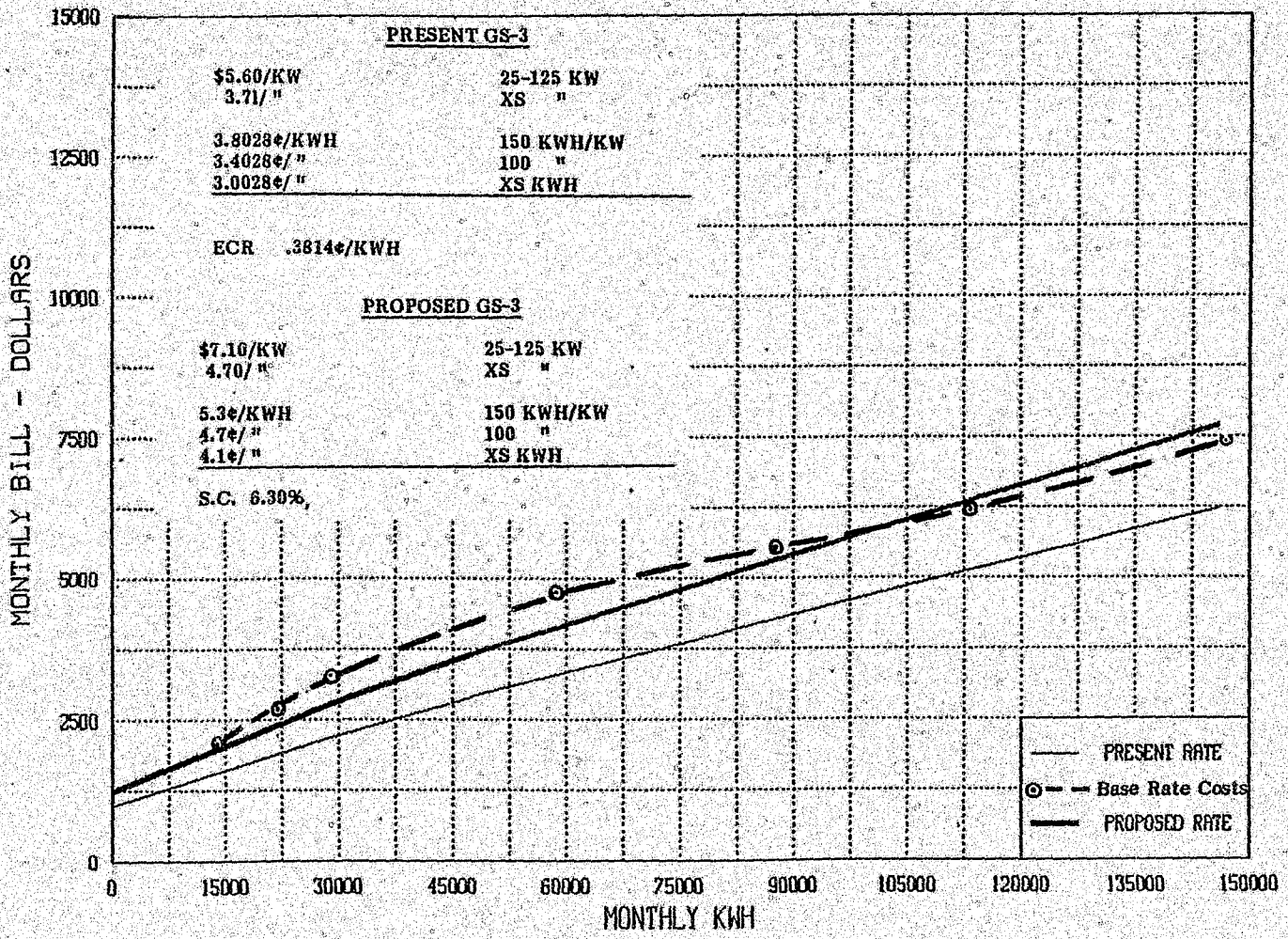
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 50KW



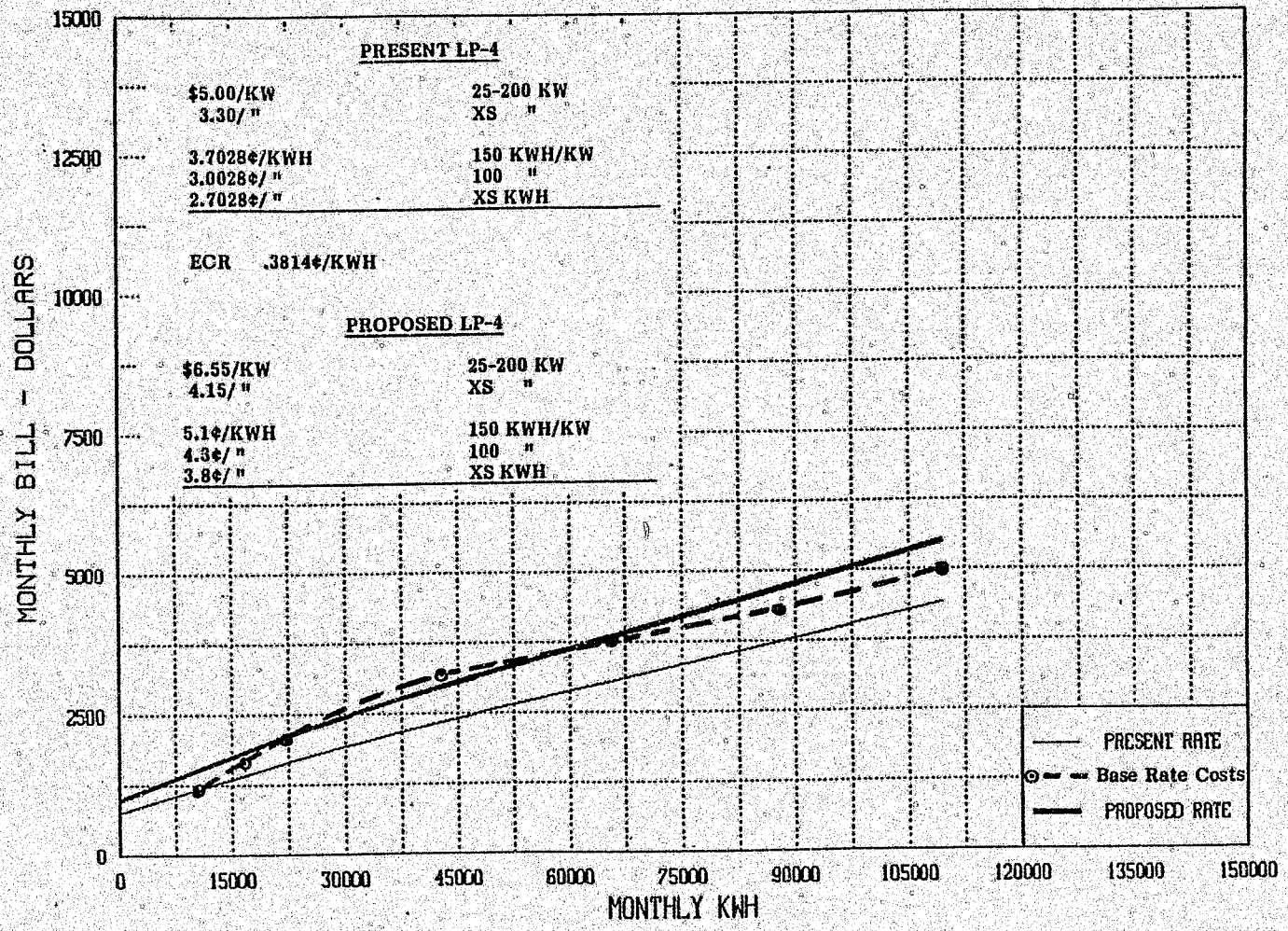
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 100KW



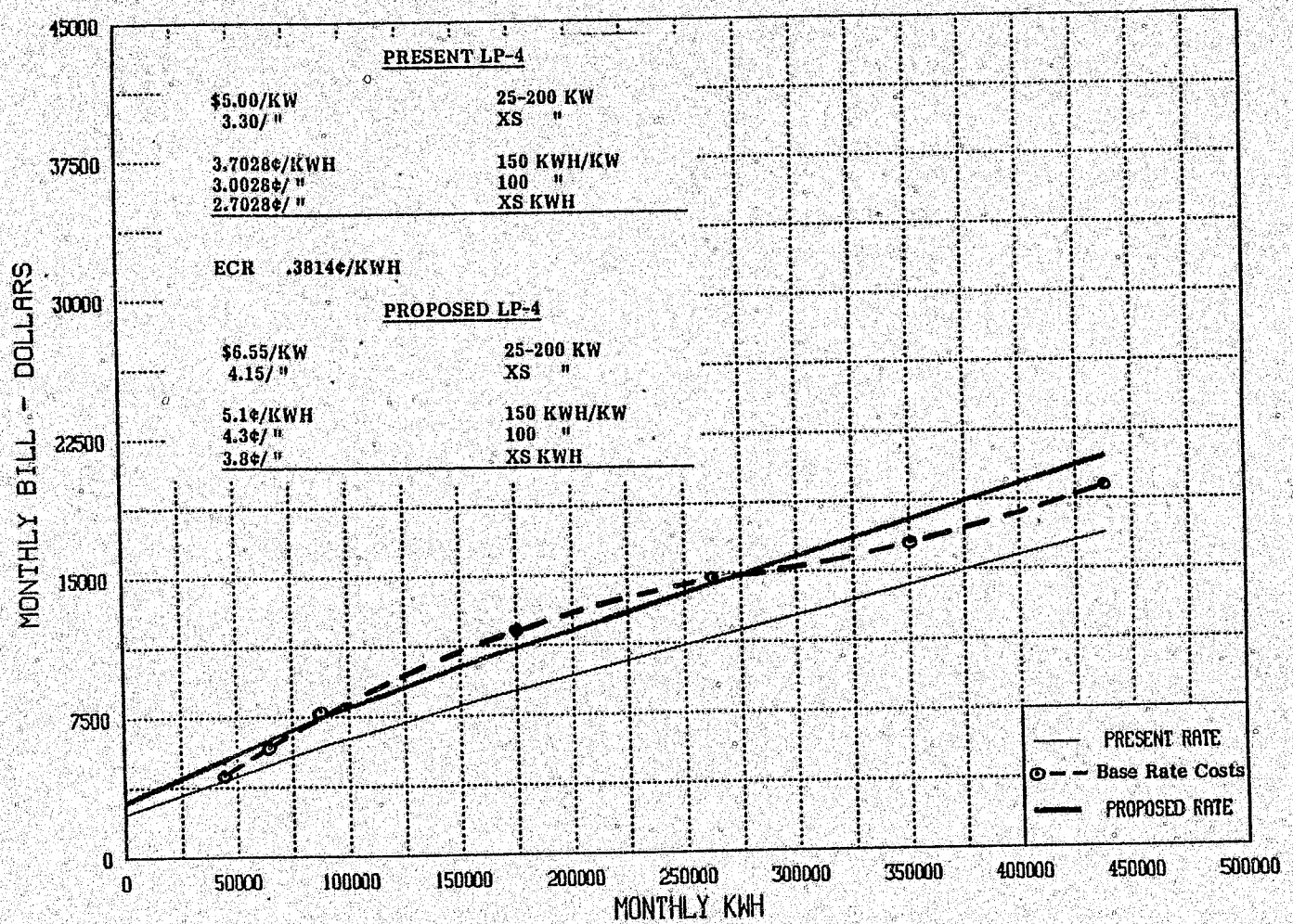
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 200KW



PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 150KW



PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 600KW



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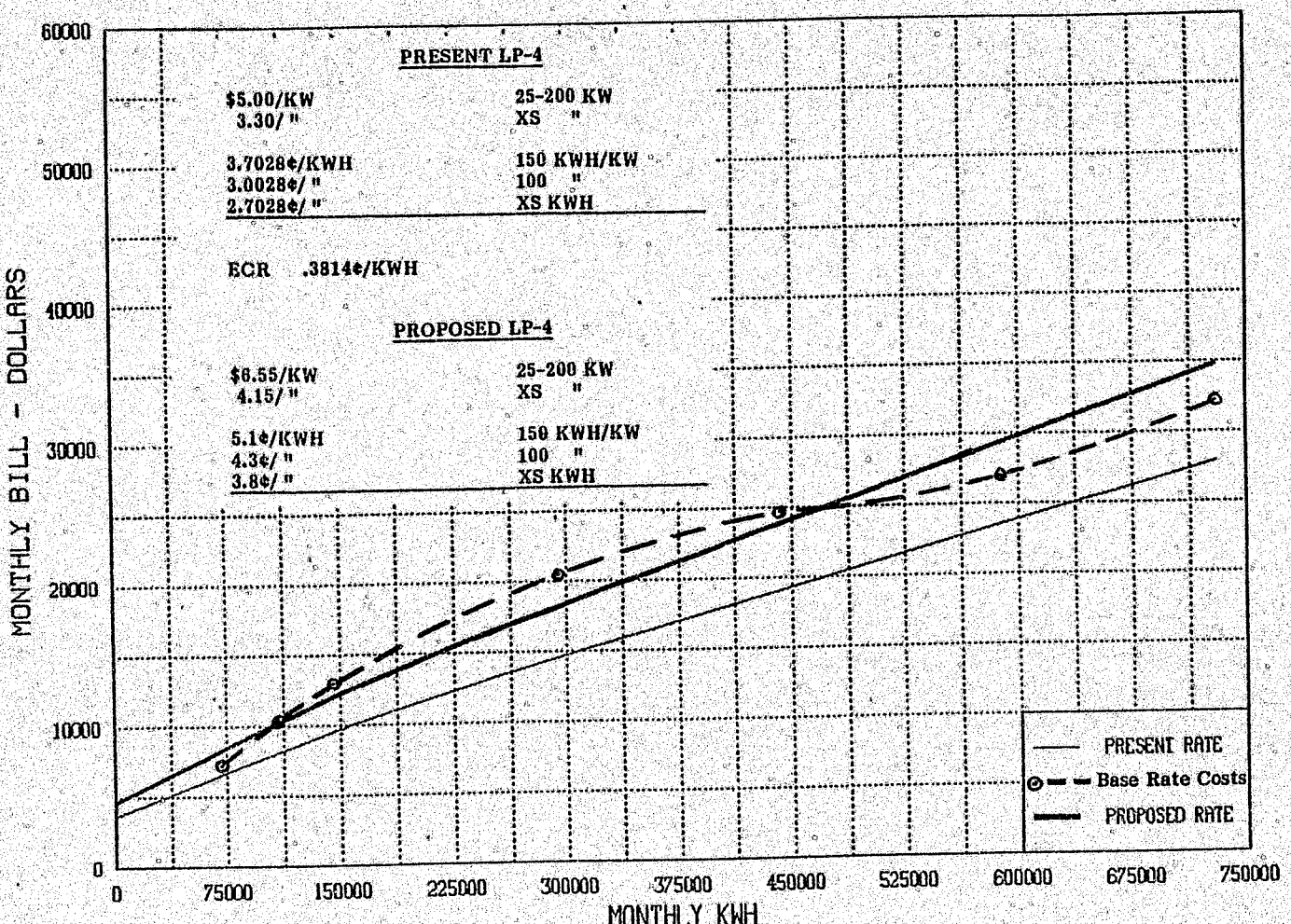

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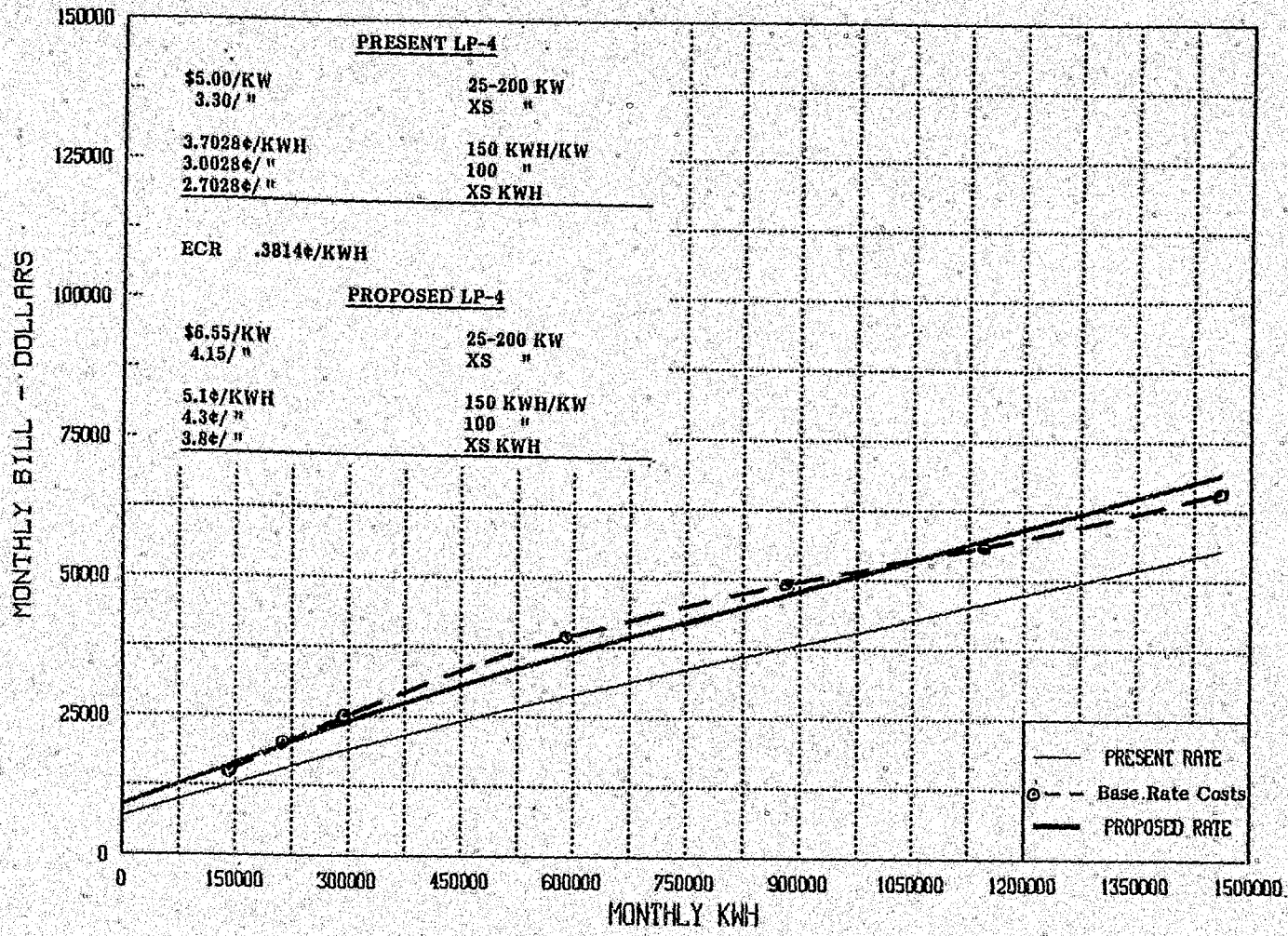

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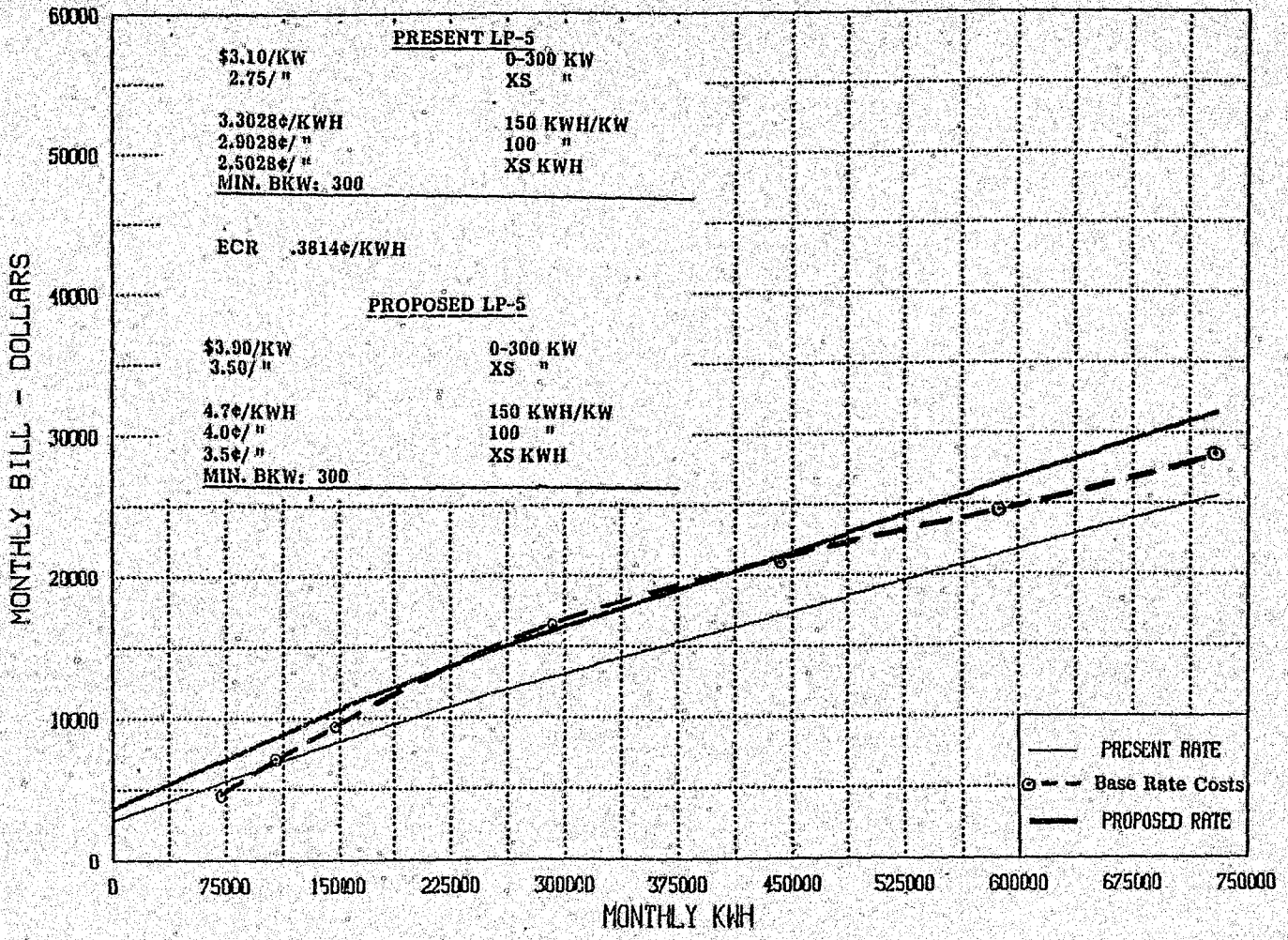

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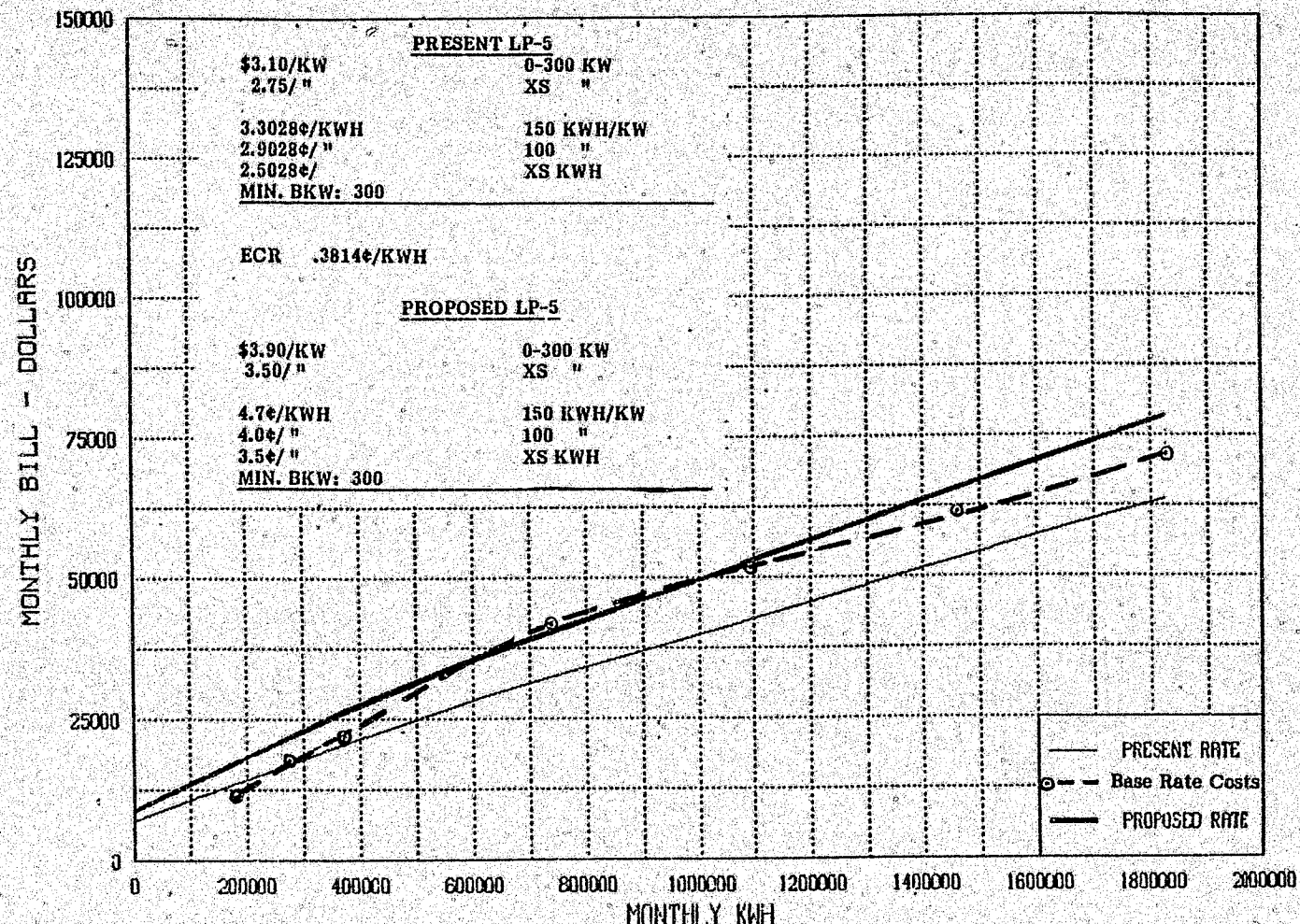

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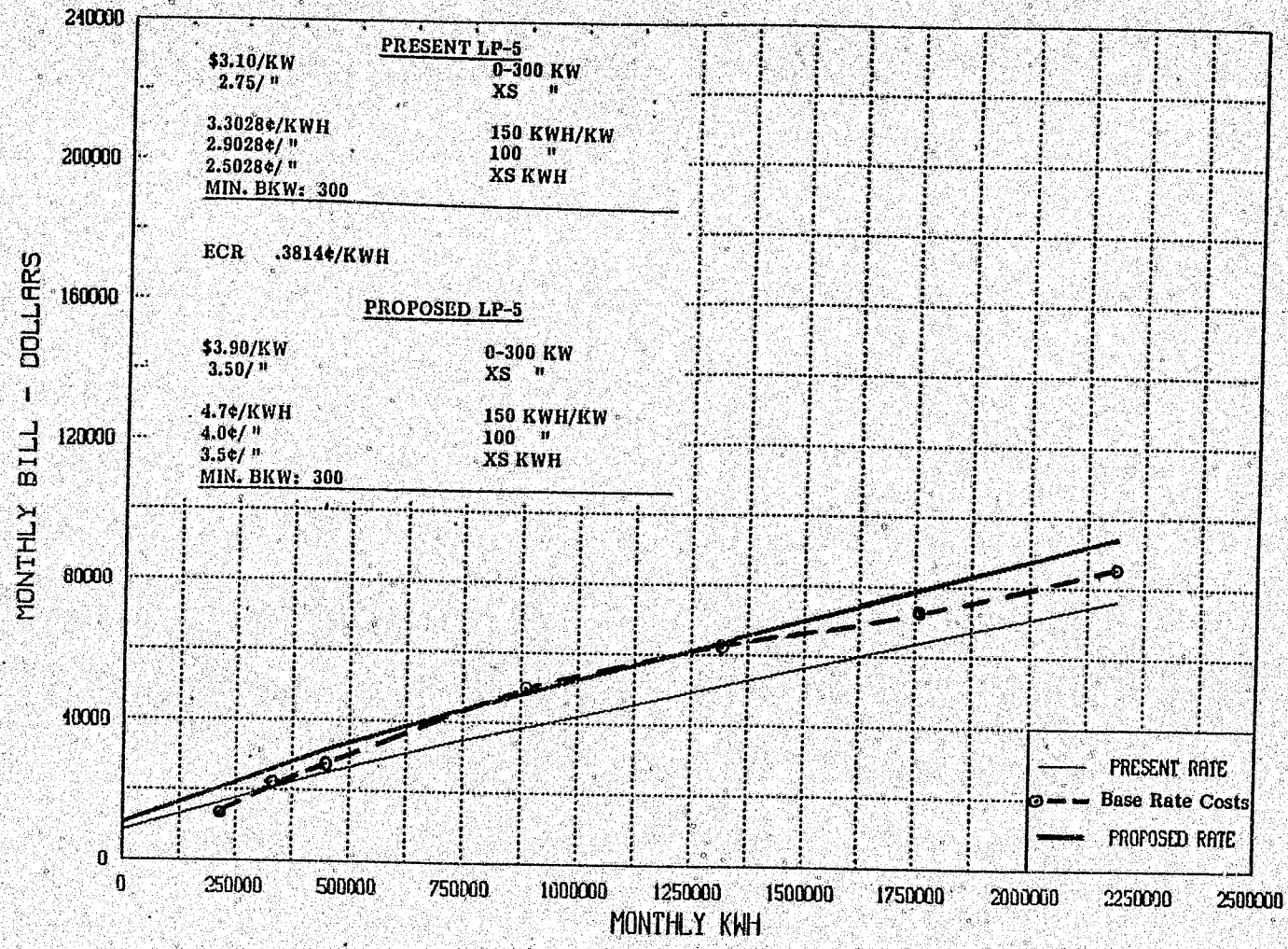

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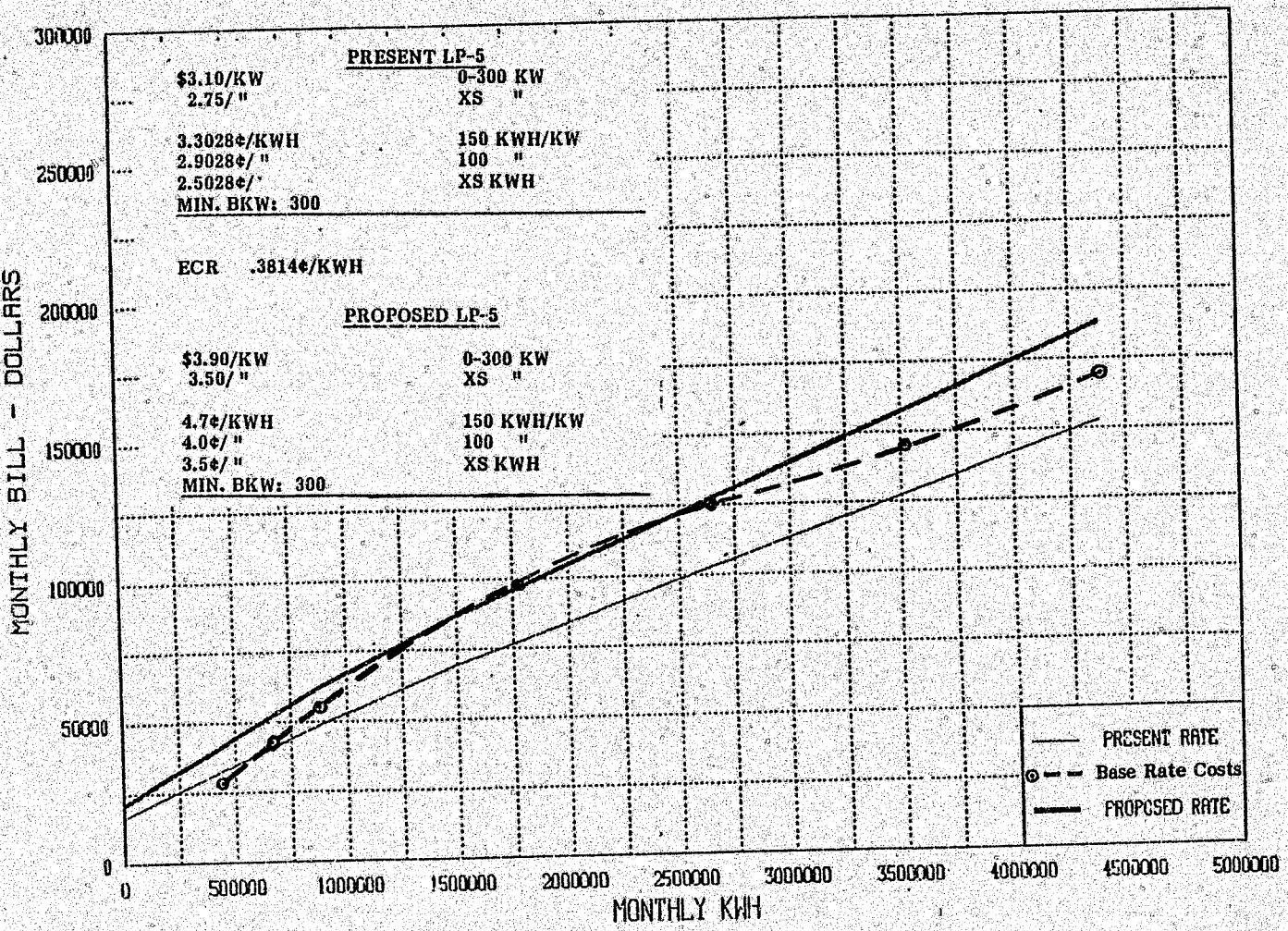

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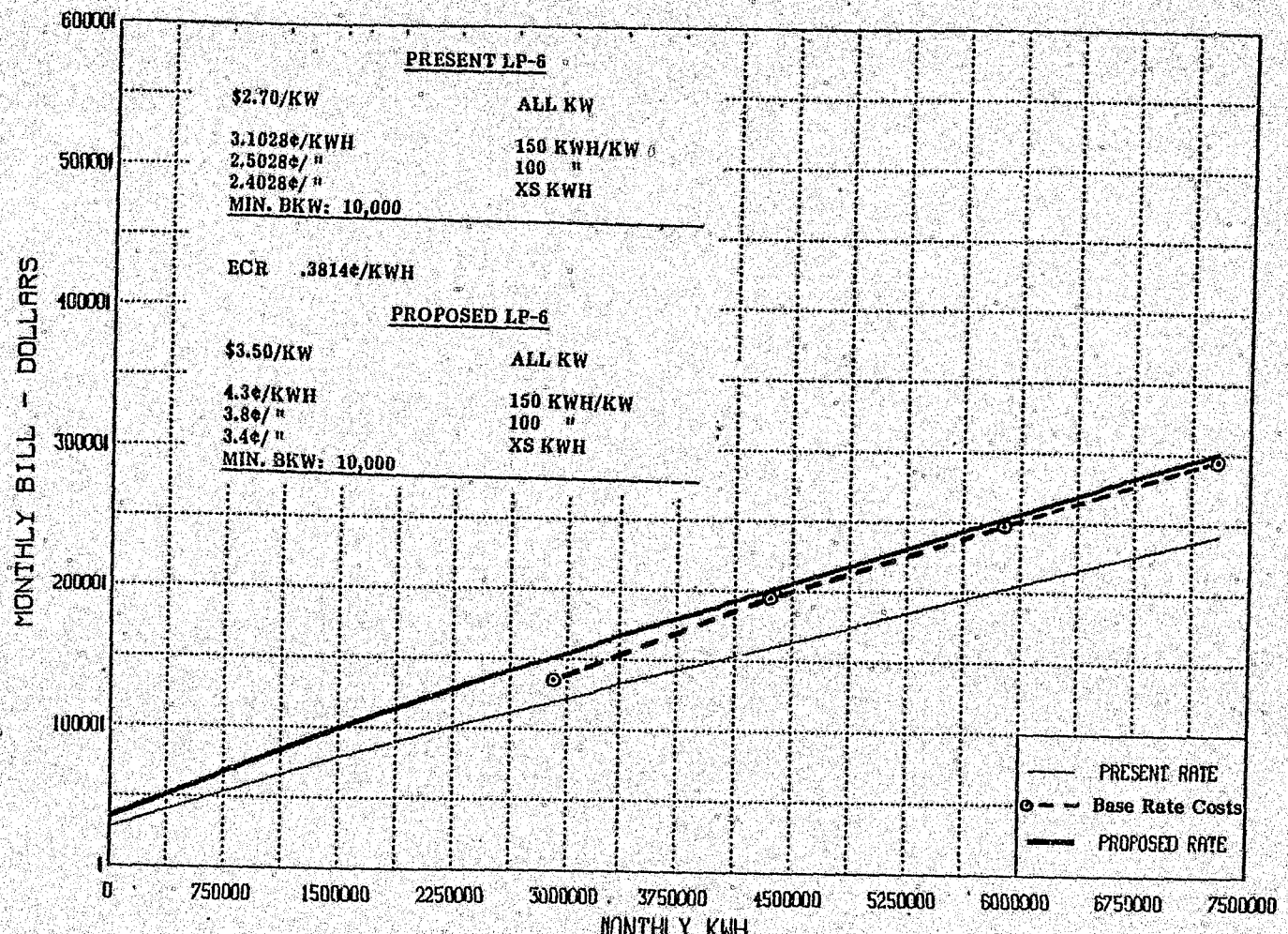

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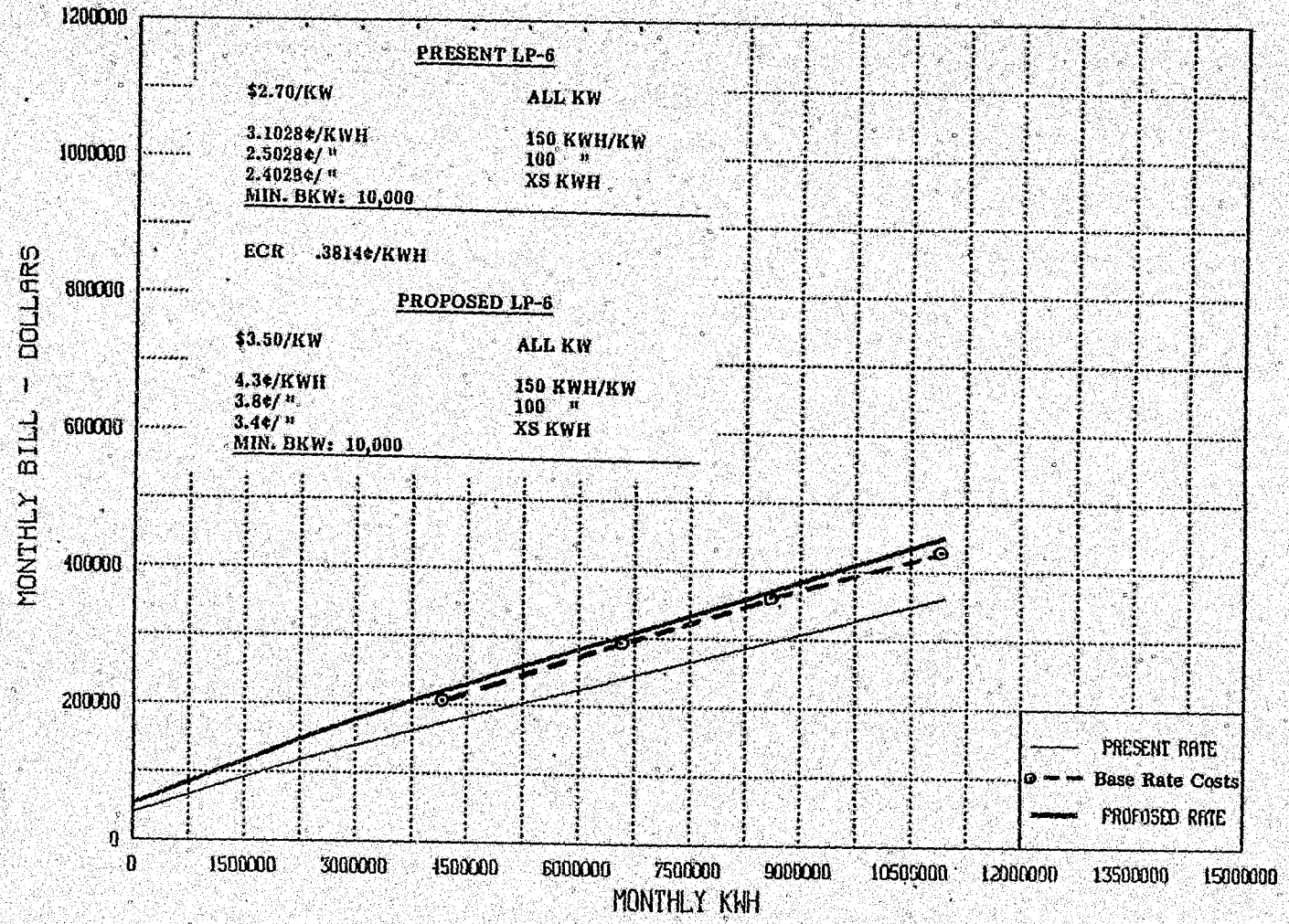

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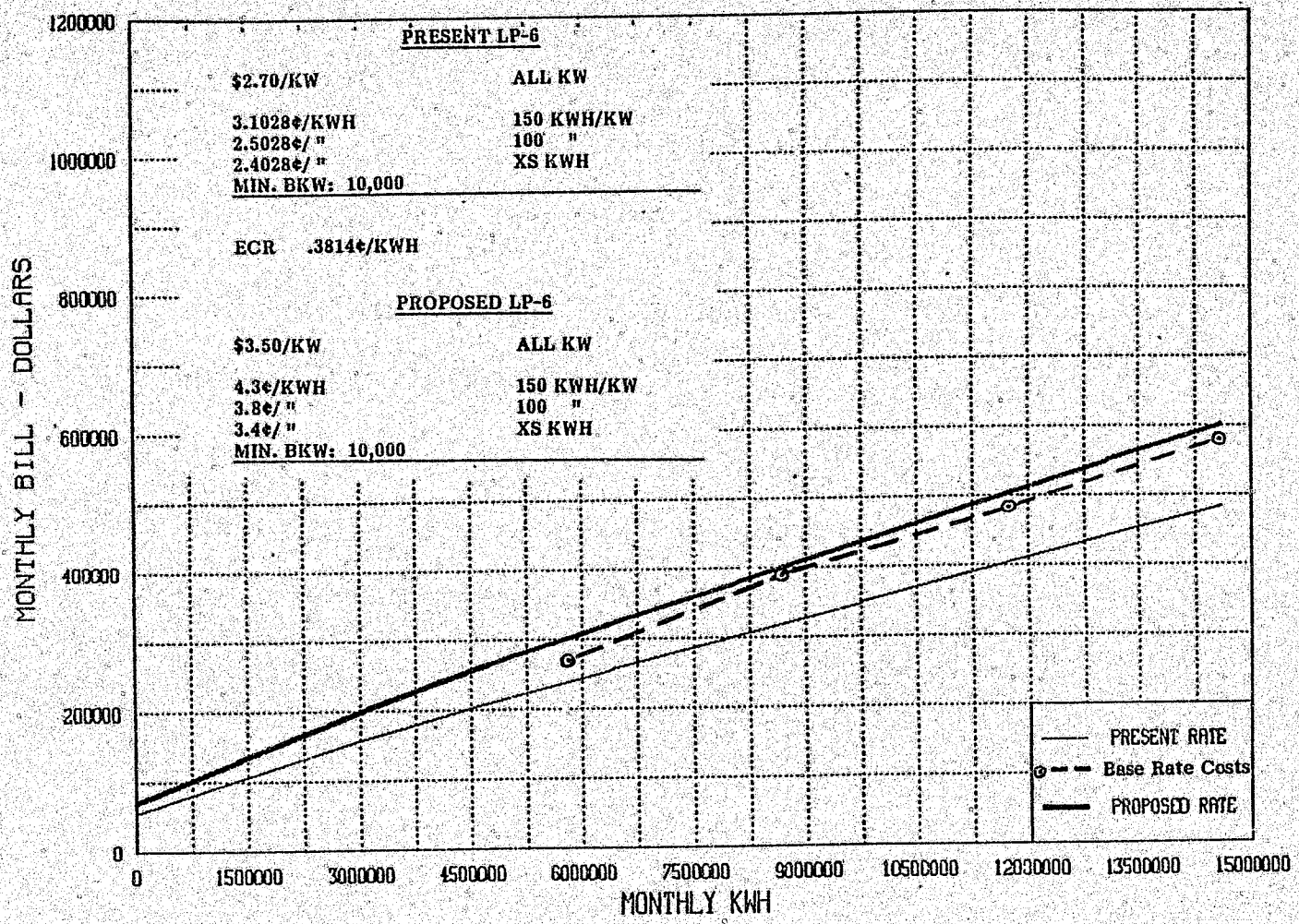

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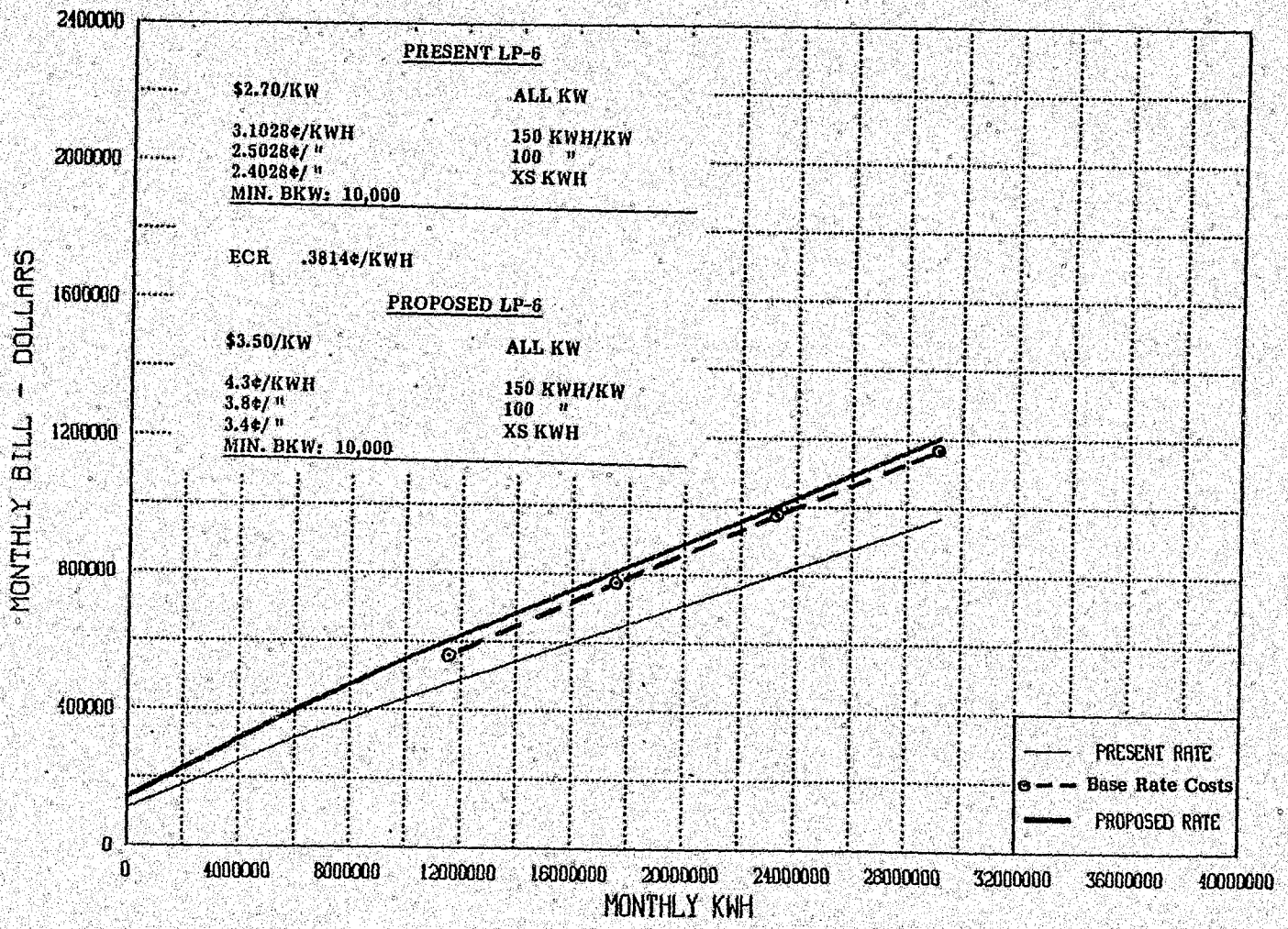


Q. 6. Provide a schedule for each month of the test year for each appropriate rate schedule showing the revenue attributable to any reactive power charge (i.e., KVAR charges, power factor adjustment, etc.), the average number of customers who have this clause imposed upon them, and the aggregate reactive demand.

A. 6. Currently PP&L does not have any rate schedules which include a clause for reactive power charges.

Q. 7. Provide a schedule showing the following data for each of the past 10 years:

a. total sources of energy (KWH)
b. total energy losses (KWH) -- where possible, segregate losses by customer classification or rate schedule
c. Annual KWH sales -- Residential
   (i) general
   (ii) all electric
d. Annual KWH sales -- Commercial
e. Annual KWH sales -- Industrial
f. Annual KWH sales -- Public street and highway lighting
g. Annual KWH sales -- Other sales to public authorities
h. Annual KWH sales -- Interconnection system, power pools.
   (i) sales to Pennsylvania utilities (from PUC Form 12)
   (ii) sales out-of-state (from PUC Form 12)

Include average number of customers in the above, where applicable.

A. 7. Attachment IV-C-7, pages 1 and 2, provide the requested data for calendar years 1972 through 1981 and the 12 months ended July 31, 1982, as follows:

a. Lines 1 through 9
b. Line 44. Losses by customer classification or rate schedule for the past ten years are not available.
c. Lines 10, 11, 12, 46, 47 and 48
d. Lines 13 and 49
e. Lines 14 and 50
f. Lines 15 and 51
g. Lines 16 and 52
h. Lines 20 through 40 show Sales for Resale.
   (i) Sales to Pennsylvania utilities are on lines 20 through 23, and 25 through 40
   (ii) Sales to out-of-state utilities are on line 24
   (iii) Total interchange power received is on line 7 and total interchange power delivered is on line 8

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Source and Disposition of Energy (Thousands of Kwh)

Line No.		12 Mo. Ended July 31, 1982	1981	1980	1979	1978	1977
	Sources of Energy						
1	Coal-fired steam stations	25,261,776	24,841,056	26,595,428	26,487,129	24,167,060	26,299,384
2	Oil-fired steam station	3,677,788	4,705,195	5,692,392	5,776,763	6,426,271	6,271,085 (A)
3	Combustion turbines and diesels	15,771	31,248	32,816	36,782	105,837	114,485
4	Hydroelectric & other	689,885	622,213	533,414	798,828	700,648	734,556
5	Total generation	29,645,220	30,199,712	32,854,050	33,099,502	31,399,816	33,419,510
6	Purchased power	321,275	259,748	218,382	353,419	202,834	355,790
7	Interchange received	660,673	484,542	1,142,312	1,484,452	836,723	1,344,706
8	Interchange delivered	(5,996,649)	(6,274,133)	(9,798,015)	(11,088,881)	(9,009,629)	(12,432,827)
9	Total Sources of Energy	24,630,519	24,669,869	24,416,729	23,848,492	23,429,744	22,687,179
	Disposition of Energy						
	Sales to consumers						
10	Residential - General	4,766,902	4,681,930	4,686,350	4,705,733	4,465,543	4,449,099
11	Residential - All electric	3,485,919	3,406,032	3,352,981	3,304,398	3,240,614	3,045,349
12	Total residential	8,252,821	8,087,962	8,039,331	8,010,131	7,706,157	7,494,448
13	Commercial	6,011,214	5,892,820	5,720,864	5,438,537	5,294,596	5,083,870
14	Industrial	7,719,918	7,968,012	7,892,623	8,031,100	7,791,791	7,600,783
15	Public street & highway lighting	104,350	104,274	97,595	96,297	95,286	94,547
16	Other sales to public authorities	479	497	423	519	589	561
17	Sales to railroads & railways	23,538	32,849	86,849	114,949	120,045	151,169
18	Interdepartmental sales	2,115	2,270	2,262	2,403	2,616	2,436
19	Total sales to consumers	22,114,435	22,088,684	21,839,947	21,693,936	21,011,080	20,427,814
	Sales for resale						
20	Citizens Electric Company	111,672	108,874	108,617	106,219	101,783	96,371
21	Metropolitan Edison Company	17	19	18	24	17	16
22	Pennsylvania Electric Company	1,159	1,222	1,213	1,308	1,314	1,273
23	West Penn Power Company	2,259	2,261	2,205	2,141	2,215	2,203
24	New York State Electric & Gas Corporation	386	401	349	250	366	308
25	Philadelphia Electric Company	24	21	18	16	17	14
26	UGI Corporation	307,232	309,323	41,806	42,237	36,392	5,276
27	Blakely Borough	30,834	31,213	31,575	30,165	29,224	27,809
28	Catawissa Borough	9,939	10,003	9,586	9,224	9,626	9,514
29	Duncannon Borough	7,214	7,239	6,971	7,028	7,073	6,957
30	Ephrata Borough	87,104	86,236	85,142	83,981	80,757	76,325
31	Hatfield Borough	13,735	13,465	13,597	12,884	12,435	10,608
32	Lehighton Borough	36,507	36,138	34,064	32,803	32,131	31,875
33	Mifflinburg Borough	33,148	33,576	32,659	31,483	29,984	27,080
34	Olyphant Borough	19,560	23,596	26,316	24,603	23,136	20,378
35	Perkasie Borough	34,867	33,656	31,556	30,582	30,050	29,425
36	Quakertown Borough	82,269	83,347	85,906	84,616	81,328	77,382
37	St. Clair Borough	11,394	11,186	10,291	10,732	10,408	10,405
38	Schuylkill Haven Borough	41,458	40,504	39,734	40,904	41,157	38,477
39	Watsontown Borough	13,253	12,993	12,862	11,914	11,072	10,624
40	Weatherly Borough	22,052	22,601	24,858	24,267	24,057	23,903
41	Total sales for resale	866,083	867,874	599,343	587,381	564,542	506,223
42	Total Energy Sales	22,980,518	22,956,558	22,439,290	22,281,317	21,575,622	20,934,037
43	Electric department use	228,338	198,325	156,629	112,565	89,532	66,937
44	Losses	1,421,663	1,514,986	1,820,810	1,454,610	1,764,590	1,686,205
45	Total Disposition of Energy	24,630,519	24,669,869	24,416,729	23,848,492	23,429,744	22,687,179
	Average Number of Customers						
46	Residential - General	709,691	710,121	709,517	704,103	700,833	698,159
47	Residential - All electric	177,560	173,169	164,660	152,553	140,320	128,853
48	Total Residential	887,251	883,290	874,177	856,656	841,153	827,012
49	Commercial	110,973	110,853	109,940	108,312	106,963	105,670
50	Industrial	5,806	5,850	5,940	6,026	6,086	6,192
51	Public street & highway lighting	1,311	1,321	1,327	1,322	1,335	1,336
52	Other sales to public authorities	19	18	18	18	18	18
53	Sales to railroads & railways	1	1	1	1	1	1
54	Sales for resale	34	35	34	34	33	30
55	Total	1,005,395	1,001,368	991,437	972,369	955,589	940,259

(A) Includes mwh generated during test periods of new units as follows: 1977, 314,111; 1976, 62,599; 1975, 667,532; 1973, 455,474 and 1972, 473,145.

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Source and Disposition of Energy (Thousands of Kwh)

Line No.		1976	1975	1974	1973	1972
	Sources of Energy					
1	Coal-fired steam stations	25,750,928	25,384,489	24,185,532	24,781,708(A)	19,096,617(A)
2	Oil-fired steam station	1,947,382(A)	1,149,352(A)	-	-	-
3	Combustion turbines and diesels	39,749	83,572	246,909	273,823	601,042
4	Hydroelectric & other	809,105	858,925	772,371	815,648	824,537
5	Total generation	28,547,164	27,476,338	25,204,812	25,871,179	20,522,196
6	Purchased power	378,659	412,515	352,107	384,400	417,578
7	Interchange received	1,747,163	1,828,677	1,218,305	1,583,548	1,365,837
8	Interchange delivered	(8,358,397)	(8,756,965)	(6,078,747)	(7,236,564)	(3,585,928)
9	Total Sources of Energy	22,314,589	20,960,565	20,696,477	20,602,563	18,719,683
	Disposition of Energy					
	Sales to consumers					
10	Residential - General	4,370,752	4,284,698	4,138,291	4,163,444	3,942,905
11	Residential - All electric	2,895,806	2,533,639	2,355,885	2,160,790	2,041,304
12	Total residential	7,266,558	6,818,337	6,494,176	6,324,234	5,984,209
13	Commercial	4,874,284	4,575,321	4,274,975	4,262,395	3,933,162
14	Industrial	7,480,383	7,019,972	7,170,048	6,881,124	6,458,231
15	Public street & highway lighting	93,411	91,058	88,700	86,697	83,187
16	Other sales to public authorities	558	615	450	449	618
17	Sales to railroads & railways	157,364	156,273	159,534	136,875	147,167
18	Interdepartmental sales	2,663	2,906	3,009	3,188	2,908
19	Total sales to consumers	19,875,221	18,664,482	18,190,892	17,694,962	16,609,482
	Sales for resale					
20	Citizens Electric Company	94,210	89,190	87,959	88,475	85,393
21	Metropolitan Edison Company	16	16	338,072	735,313	10
22	Pennsylvania Electric Company	1,409	1,059	800	828	701
23	West Penn Power Company	2,162	1,895	2,530	2,661	2,225
24	New York State Electric & Gas Corporation	263	304	233	282	263
25	Philadelphia Electric Company	15	18	8	-	-
26	UGI Corporation	-	-	-	-	-
27	Blakely Borough	26,260	24,256	23,115	21,321	19,733
28	Catawissa Borough	9,443	8,781	8,653	8,413	8,284
29	Duncannon Borough	6,713	6,503	6,025	5,886	5,490
30	Ephrata Borough	74,442	69,772	67,148	66,662	62,416
31	Hatfield Borough	6,562	6,629	6,376	6,774	4,950
32	Lehighton Borough	31,011	30,558	29,528	29,760	28,356
33	Mifflinburg Borough	26,796	23,367	22,688	22,420	21,338
34	Olyphant Borough	18,419	16,988	16,779	16,411	15,235
35	Perkasie Borough	28,988	25,556	25,824	26,962	25,128
36	Quakertown Borough	72,458	66,069	62,716	63,408	58,599
37	St. Clair Borough	10,238	10,080	9,490	9,358	9,045
38	Schuylkill Haven Borough	36,632	35,724	35,222	36,429	34,736
39	Watsontown Borough	9,817	9,898	9,737	10,091	9,440
40	Weatherly Borough	25,105	25,217	22,585	21,937	14,762
41	Total sales for resale	480,959	451,880	775,488	1,173,391	406,104
42	Total Energy Sales	20,356,180	19,116,362	18,966,380	18,868,353	17,015,586
43	Electric department use	70,225	67,136	66,107	78,141	67,708
44	Losses	1,888,184	1,777,067	1,663,990	1,656,069	1,636,389
45	Total Disposition of Energy	22,314,589	20,960,565	20,696,477	20,602,563	18,719,683
	Average Number of Customers					
46	Residential - General	695,353	691,726	688,050	682,274	671,738
47	Residential - All electric	118,305	107,760	95,629	84,033	73,267
48	Total Residential	813,658	799,486	783,679	766,307	745,005
49	Commercial	104,710	102,806	102,243	100,885	98,831
50	Industrial	6,315	6,391	6,487	6,520	6,452
51	Public street & highway lighting	1,341	1,349	1,355	1,342	1,343
52	Other sales to public authorities	18	17	17	17	17
53	Sales to railroads & railways	1	1	1	1	1
54	Sales for resale	32	32	33	34	37
55	Total	926,075	910,082	893,815	875,106	851,686

(A) Includes mwh generated during test periods of new units as follows: 1977, 314,111; 1976, 62,599; 1975, 667,532; 1973, 455,474 and 1972, 473,145.

Q. 8. Provide a scaled map of your electric system. Identify on the map:

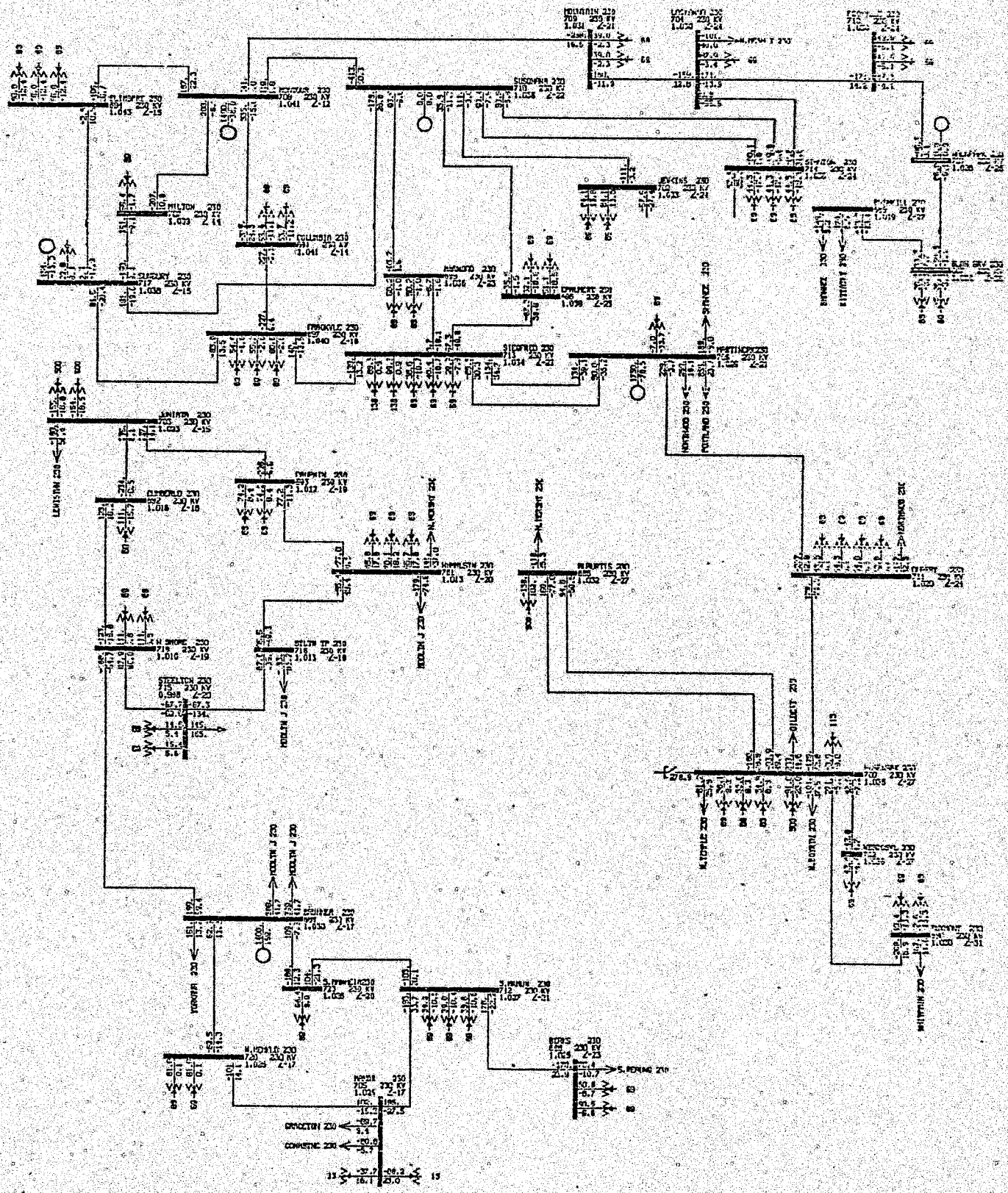
a. all generating plants
b. all transmission substations -- indicate voltage
c. all transmission systems lines -- indicate voltage
d. interconnection points with other electric utilities, power pools, etc.

A. 8. See Attachment I-B-7.

Q. 9. Provide the most recent load flow study for your electric system.

A. 9. Attachment IV-C-9 provides the requested information. Pages 1 through 4 provide the result of PP&L's 1982 load flow study. Pages 5 through 8 provide the requested study for 1983.

1982 PL SUMMER PEAK BASE CASE, SUSQ #1 OFF



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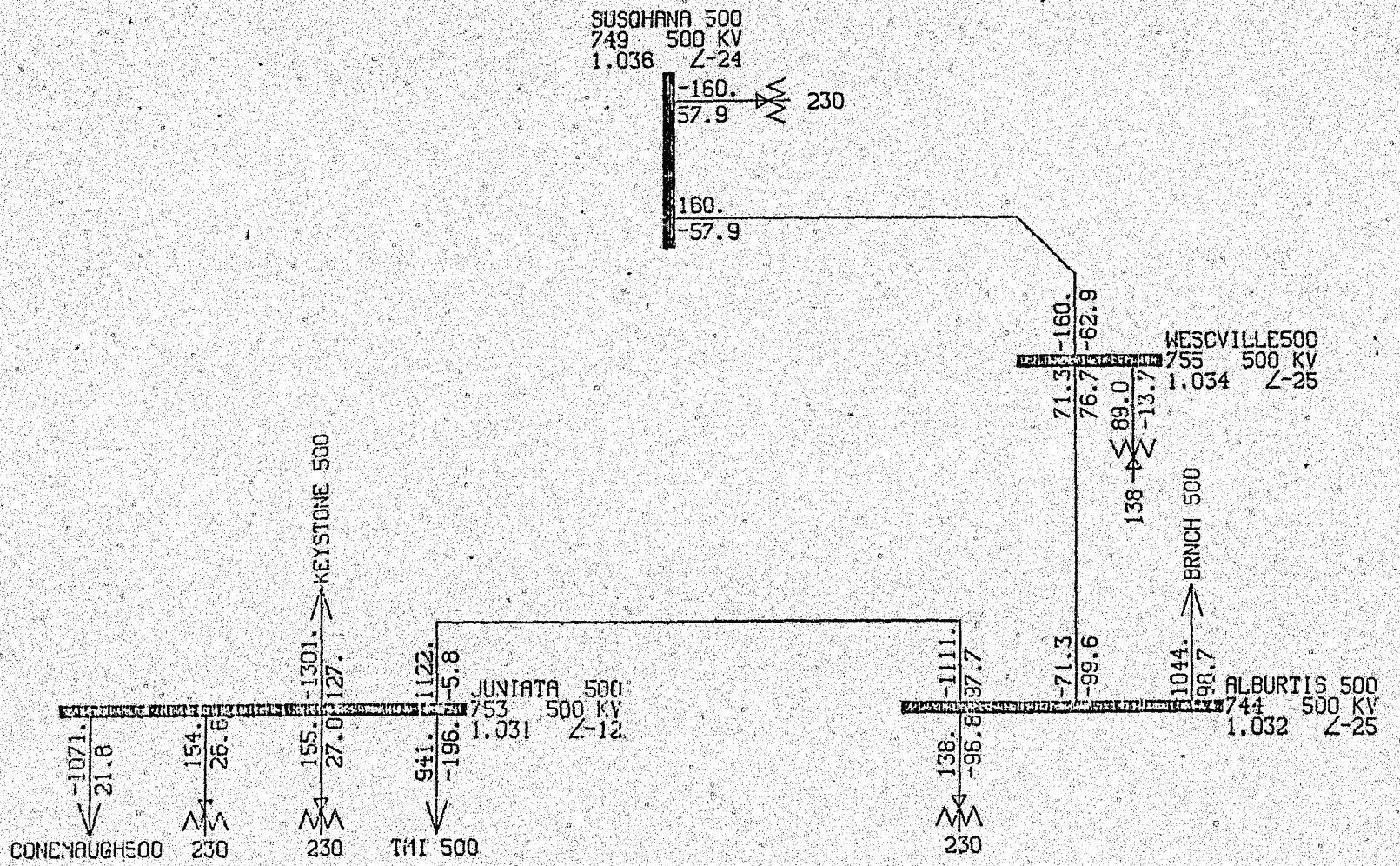
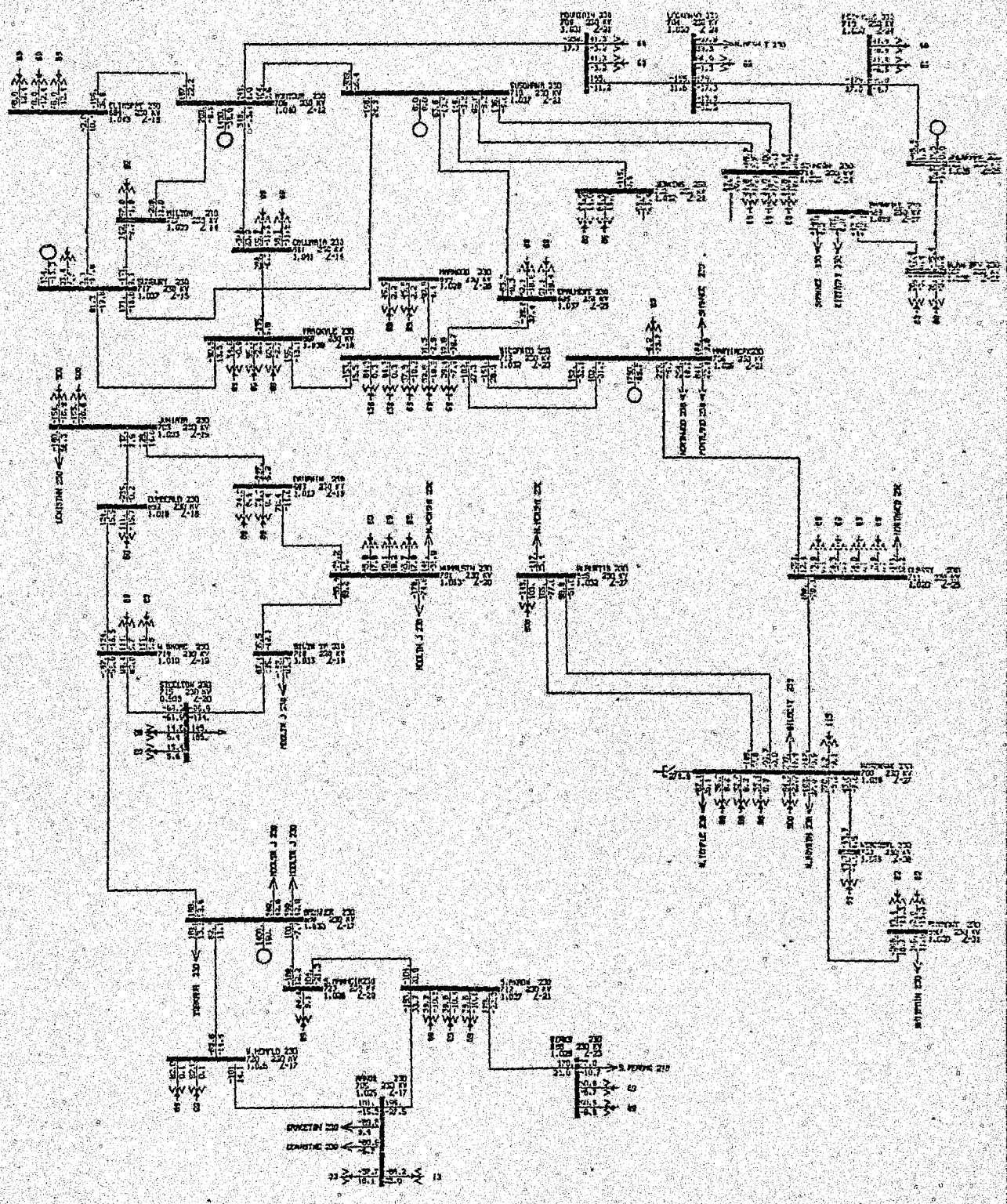
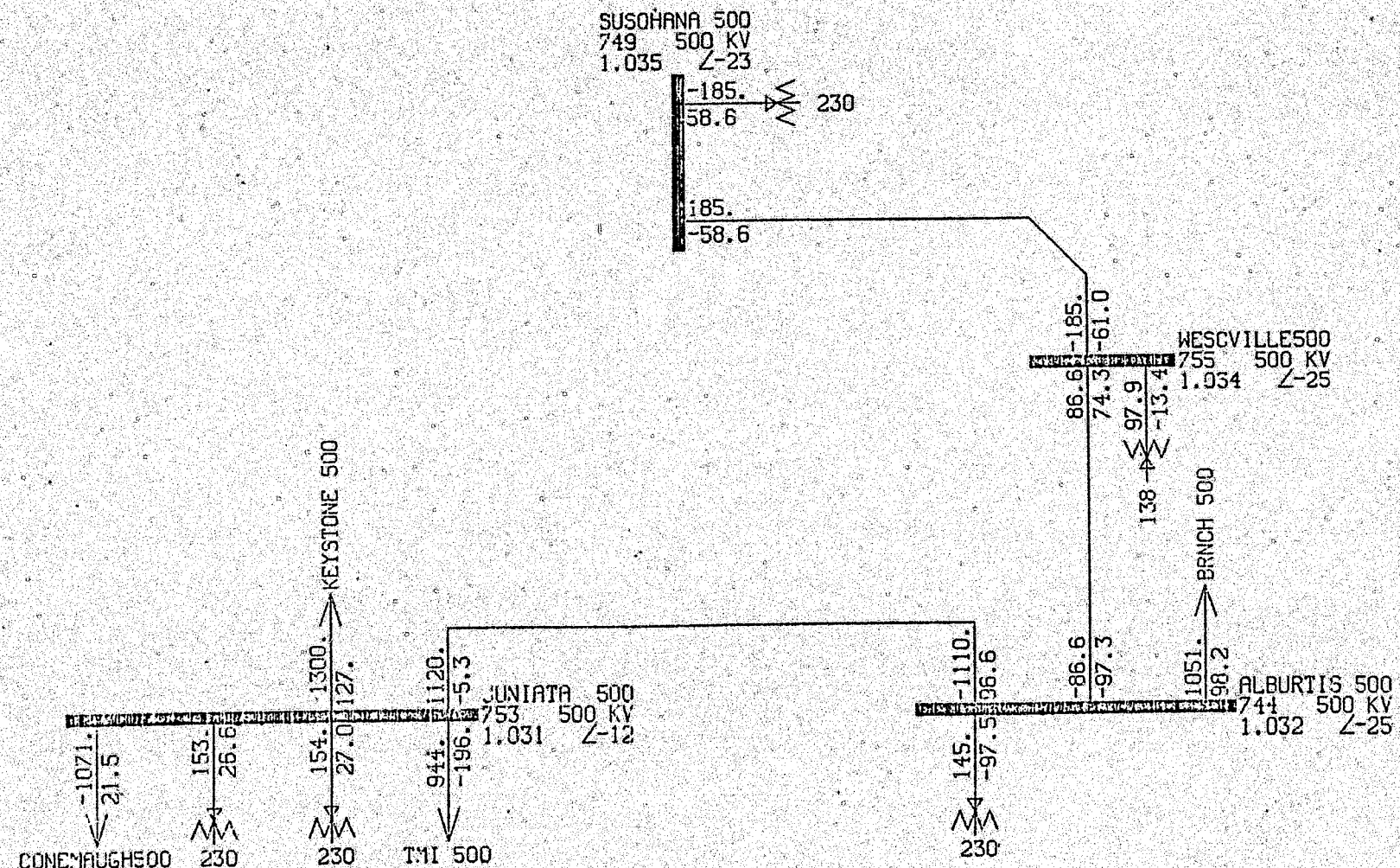


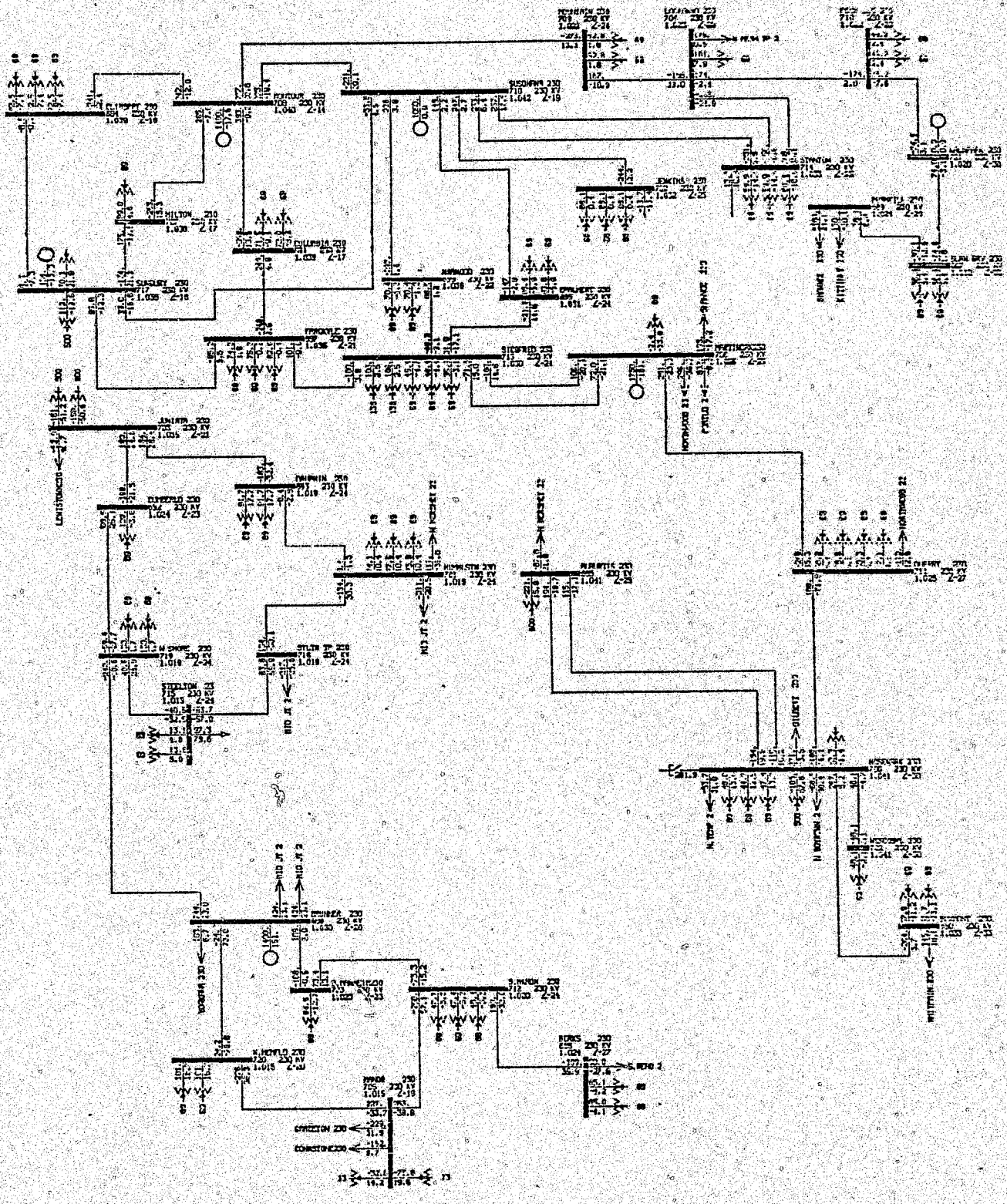
OUTAGE OF SUSQ-HARWOOD 230KV LINE, 1982 SUMMER PEAK, SUSQ #1 OFF



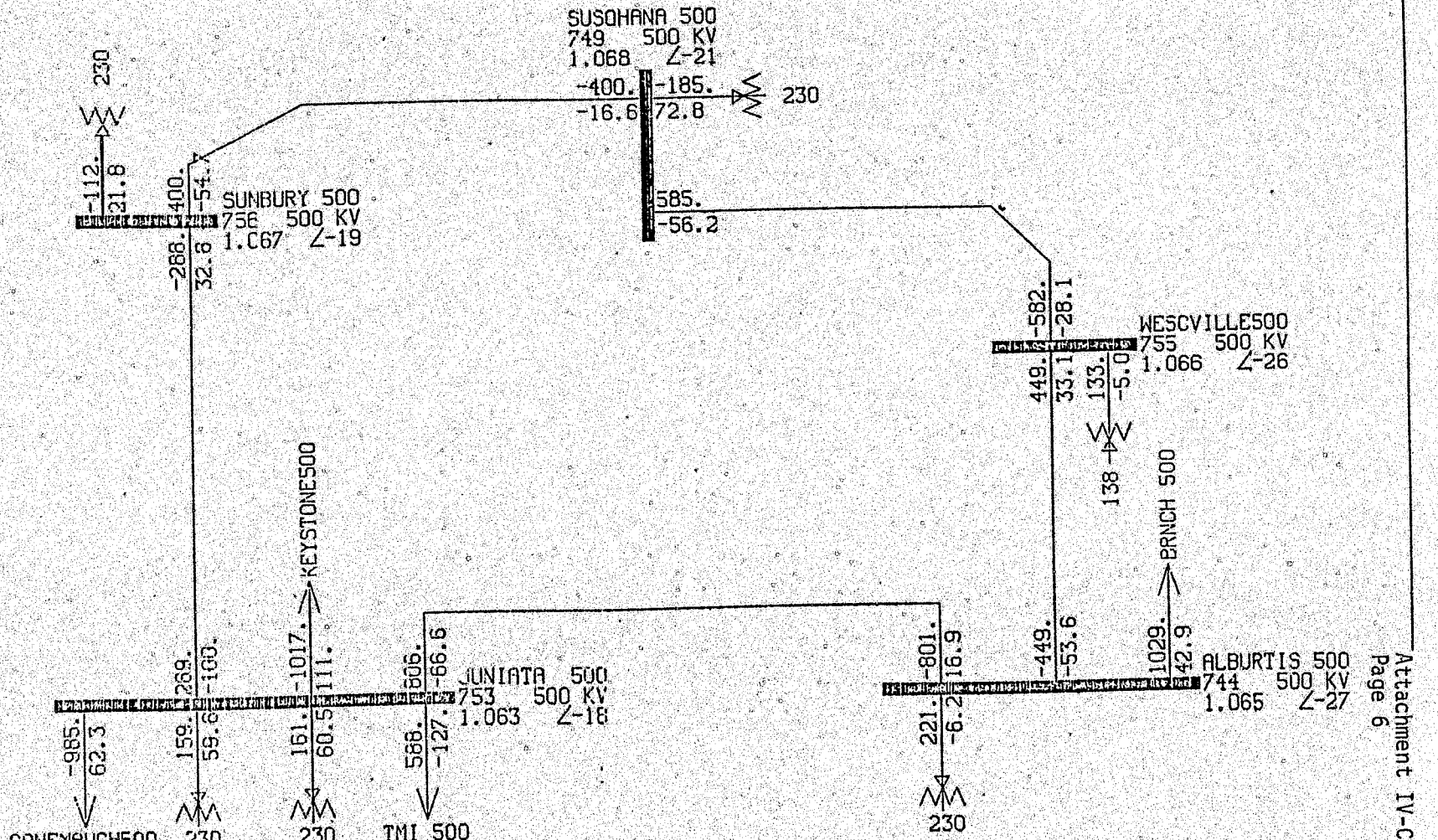
OUTAGE OF SUSQ-HARWOOD 230KV LINE, 1982 SUMMER PEAK, SUSQ #1 OFF



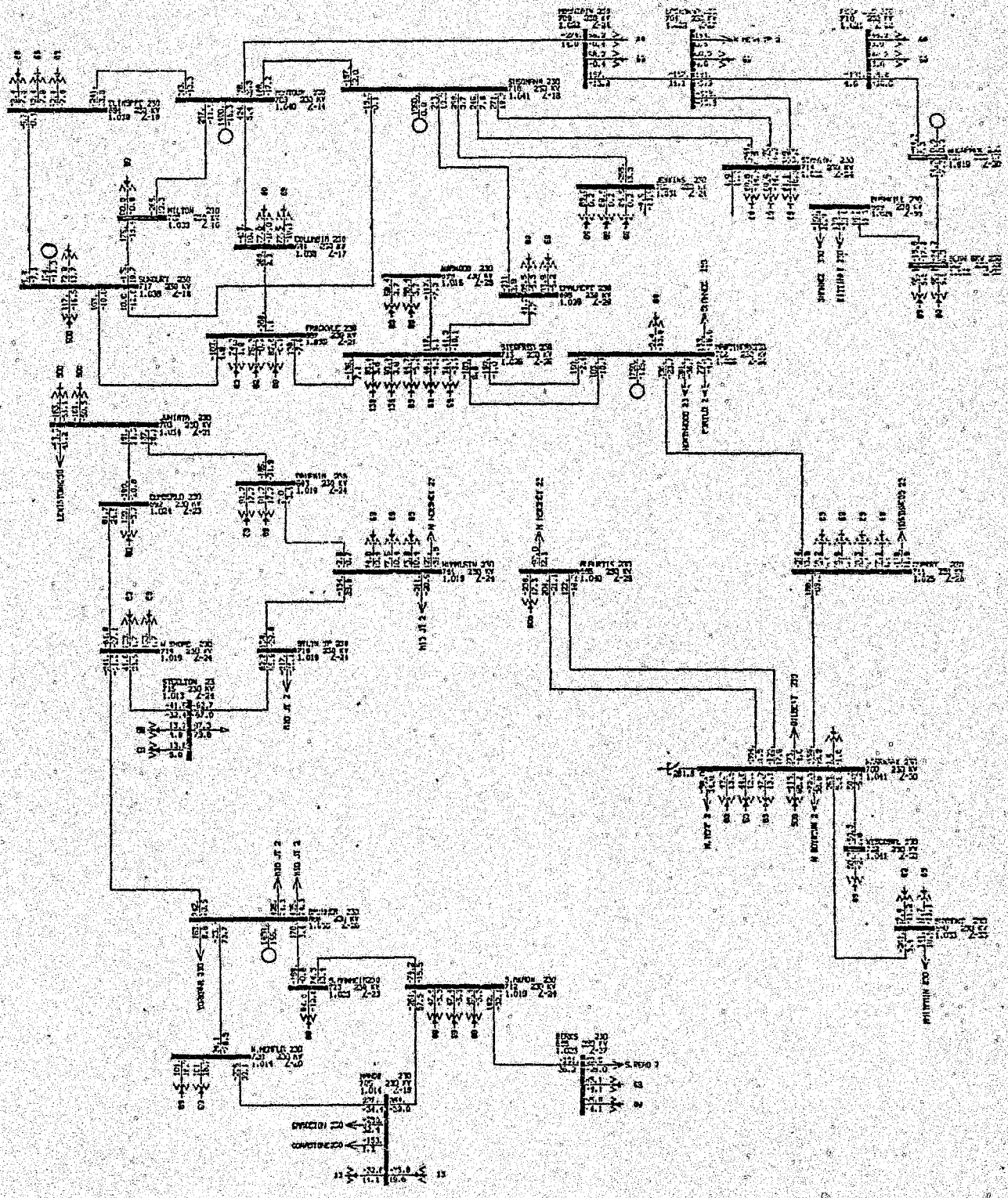
1982-83 PL WINTER PEAK BASE CASE, SUSQ #1 ON



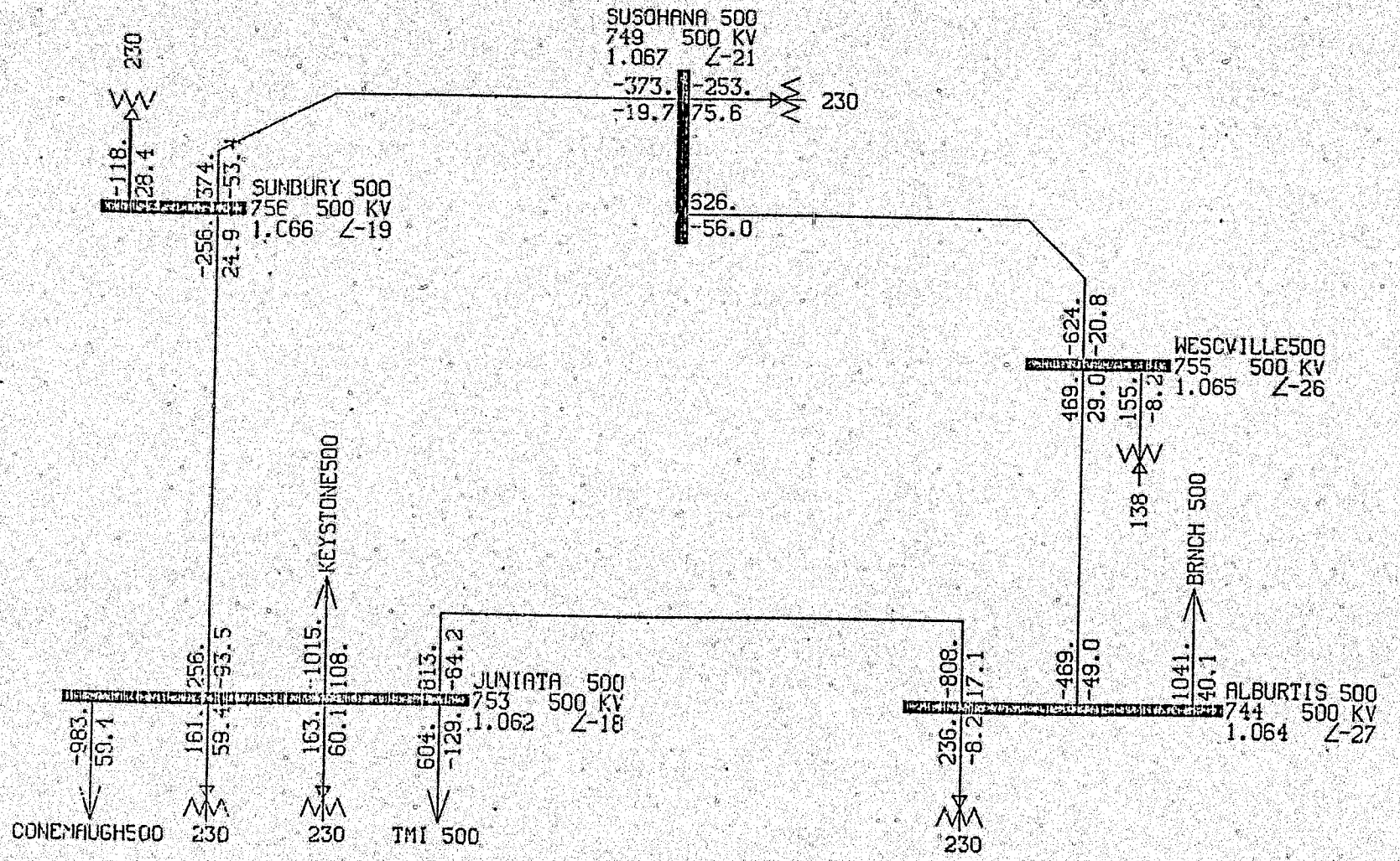
1982-83 PL WINTER PEAK CASE, SUSQ #1 ON



OUTAGE OF SUSQ-HARWOOD 230KV LINE, 1982-83 WINTER PEAK, SUSQ #1 ON



OUTAGE OF SJSQ-HARWOOD 230KV LINE, 1982-83 WINTER PEAK, SUSQ #1 ON



Q. 10. Provide the most recent study which has been made regarding overall system (line) losses. Show how those losses were incorporated in the cost-of-service study.

A. 10. See Attachment IV-C-10. Pages 1 through 25 is a copy of the Analysis of PP&L System Losses.

System (line) losses at three voltage levels are used to compute loss factors which are used in the development of both energy and demand allocators in the cost of service study. The application of these loss factors in the development of the energy allocators by adjusting sales to the generation level is provided in Exhibit AJB 2 and AJB 3.

For the development of demand allocation factors, loss factors are applied in the following manner: load research demand data is measured at the sales levels; this data is adjusted to the generation level using the loss factors. The demand data at the generation level is used to develop the demand allocation factors.

ANALYSIS OF PP&L SYSTEM LOSSES
SPR 190

PENNSYLVANIA POWER & LIGHT COMPANY
SYSTEM PLANNING DEPARTMENT
JANUARY, 1980

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Figure 12 - Primary Load Duration Curve - 1976

Figure 13 - Primary Loss Duration Curve

INTRODUCTION

Losses on an electric power system typically comprise 6-9% of annual sales. The disproportionate escalation of the cost of fuel has increased the significance of losses as a cost-of-service component. Identification of the occurrence of losses within the electrical system provides for fair and equitable allocation of costs to the various classes of customers and for effectual conservation efforts.

Pennsylvania Power & Light Co. follows the common practice, used on FPC Form 1, of calculating the official value of annual energy losses by subtracting annual sales from annual net output. Annual sales includes Company use. Company use consists of energy used at PP&L buildings, substations, and construction sites. Annual net output is obtained by subtracting auxiliary load and net interchange deliveries from the output of the generators including PP&L's shares of Keystone, Conemaugh, and Safe Harbor. Net output, consequently, includes all electrical losses between the generator buses and the points of service.

SCOPE & PROCEDURE

Annual energy losses at each level of the transmission and distribution system were estimated for 1976 as a typical year. Historical data was used to represent the transmission system at various load levels. The calculation of losses at each of these load levels was used to estimate the annual energy losses on the transmission system. Annual energy losses on the primary and secondary distribution systems were estimated from calculations for typical facilities.

RESULTS AND CONCLUSIONS

1. The estimates of the annual energy losses that occurred at each level of the System in 1976 are given in Table I.

TABLE I
DISTRIBUTION OF ANNUAL ENERGY LOSSES

Operating Level	Mwhs	% Total Losses	% Net Output
500 kV	39,000	2	0.2
Unit Transformers	91,000	5	0.4
230 kV	273,000	15	1.2
66 kV	402,000	22	1.8
Primary	540,000	30	2.4
Secondary	479,000	26	2.1
Total	1,824,000	100	8.1

2. The calculated value of 1,824,000 mwhs agrees within 3.4% with the official value of 1,888,184 mwhs, which is the difference between net output and sales in 1976.

3. Prior to this study annual energy losses for cost allocation and other rate purposes have been allocated to the various customer classes by assuming that a megawatt of secondary load produces three times the losses produced by a megawatt of transmission load, and that a megawatt of primary load produces two times the losses produced by a megawatt of transmission load. These results indicate such practice is reasonable.

RECOMMENDATIONS

1. Allocation of losses among customer classes may be made either by applying the percentages of total losses given in Table I or by continuing to use the historical 3:2:1 weighting method. (The two methods give substantially the same results)

2. The percentages in Table I are valid for future years until there are significant changes either in the System configuration or in the characteristics of the load.

3. Further work will be done to identify the effects of load variations on the occurrence of losses at each operating level.

4. This study will be updated when required by significant changes in System conditions.

DISCUSSION

Pennsylvania Power & Light Company follows the common practice, used in FPC Form 1, of calculating annual energy losses as the difference between annual net output and annual sales. Net output is equal to all generated and purchased energy less net interchange deliveries to interconnected companies. Generated energy is the output of the machines less the auxiliary load. Sales includes energy sold to PP&L customers, energy sold for resale by municipalities and to borderline customers of neighboring utilities, electrical energy used in the production of steam heat, and energy used to operate the electric system. Energy used to operate the electric system includes building power, construction power, and power requirements of substation equipment. This difference between net output and sales equals the losses in the electrical lines, transformers, and capacitors between the generation buses and the points of service.

The electrical losses incurred by electric power systems typically range between 6-9% of sales. Losses contribute to the direct cost of power, consume scarce fuels, and increase the required amount of generation.

The costs due to losses must be equitably allocated to the various classes of customers. Because customers are supplied at secondary, primary, and transmisison voltages, their loads cause different amounts of losses. Loads supplied at secondary voltage cause the most losses, and loads supplied at transmission voltage cause the least. Equitable allocation of these costs requires identifying the amount of losses at each voltage/operating level.

An analysis of losses was begun in 1977. The analysis was based on System conditions for 1976. The System was divided into six voltage/operating levels for which losses were calculated individually. The sum of the losses at the six voltage/operating levels was compared with the official value of losses. These values were within 3-4% of each other. It is felt that conclusions drawn for 1976 will remain valid until there are significant changes in the electrical facilities or in the characteristics of the load.

500 kV Transmission

Development of PP&L's hourly net output includes PP&L's share of losses incurred on the PJM 500 kV system. The losses are derived from metered values of power flow and are allocated to the member companies in accordance with a formula agreed to by the companies that own the 500 kV system. PP&L's share in 1976 was about one eighth of the total. This was 39,000 mwhs.

PP&L Internal Bulk Power & Regional Transmission

Representation of the System at every hour of the year was not practical. Therefore, twelve heavy and twelve light load hours experienced in 1976 were selected, which represented the range of operating conditions. The System Operator's log sheets provided the output of each PP&L generator, the PP&L load, and tie line flows. This data was used to simulate System conditions at each of the twenty-four hours in the computer load flow program. The program calculated the copper (I^2R) losses in the unit step-up transformers, the 230 kV lines, the 230/66 kV step-down transformers, the 66 kV lines, and the 66/12 kV step-down transformers. Generation and load duration curves for 1976 were used to estimate annual energy losses from the values of losses calculated by the load flow program.

Unit Step-up Transformers - Copper losses in the unit step-up transformers were calculated for each of the twenty-four cases. The core losses in the unit transformers were added to the copper losses to develop the graph of unit transformer losses versus internal generation shown in Figure 1. This graph was combined with the generation duration curve in Figure 2 to develop the loss duration curve shown in Figure 3. Graphical integration of the loss duration curve gave an estimate of the energy losses in the unit transformers in 1976. The energy losses in the unit transformers were estimated to be 91,000 MWHs, which was 5% of the total losses on the System.

230 kV Transmission - A value of transmission losses was calculated in each of the twenty-four cases. These values are plotted versus load in Figure 4 and versus internal generation in Figure 5. Triangles are used for the twelve light load cases and circles for the twelve heavy load cases. Examination of Figures 4 and 5 indicates that 1) losses on the 230 kV are not a direct function of PP&L load, 2) at heavy load, losses on the 230 kV vary directly with internal generation, and 3) at light load, losses exhibit a wide range of values and may be higher for a given level of generation than at heavy load.

Coal-fired generation in the western portion of the PP&L System is base-loaded. Oil-fired generation in the eastern portion of the PP&L System is cyclically loaded. Consequently, flows across the PP&L System at light load tend to be greater than at heavy load and to be sensitive to variations in oil-fired generation in the eastern portion of the PP&L System.

The characteristic of losses on the 230 kV to vary directly with internal generation at heavy load and to vary widely at light load was taken into account in estimating the annual energy losses. Separate calculations were made for heavy and light load. The 230 kV losses at heavy load are plotted versus internal generation in Figure 6. This plot was combined with a generation duration curve based on generation between 6 AM and midnight to develop the loss duration curve in Figure 7. Graphical integration of this curve gave an estimate of the 230 kV losses between 6 AM and midnight. Losses between midnight and 6 AM were estimated by multiplying the average losses for the twelve light load hours by the number of hours in 1976 between midnight and 6 AM. Combining the two calculations gave an estimated value of 273,000 MWHS, which was 15% of the energy losses in 1976.

66 KV Regional Transmission

Since a relatively small amount of generation is connected to the 66 kV transmission system, the flows on this system are primarily a function of PP&L's load. The computer load flow program calculated copper losses on the 66 kV system, including the 230/66 kV step-down transformers. Core losses were added, and the loss versus load curve in Figure 8 was developed. A load duration curve for load supplied through the 66 kV transmission system is shown in Figure 9. This curve was combined with the loss versus load curve to develop the loss duration curve in Figure 10. Graphical integration of this curve gave an estimate of 400,000 MWHS for copper and core losses in 1976. Dielectric losses in the 66 kV capacitors were estimated at about 2,000 MWHS, based on typical losses and assumed switching cycles. Total energy losses in the 66 kV system are estimated at 402,000 MWHS, which is 22% of System losses.

Primary Distribution System

PP&L's primary distribution system consists mostly of 12 kV radial circuits supplied from 66/12 kV step-down substations. A small portion of the distribution load is supplied by 23 kV or 4 kV circuits. The 4 kV circuits are usually supplied from 12/4 kV step-down substations.

Since there are approximately 1200 12 kV circuits on the PP&L system, it was not feasible to calculate losses on every circuit. Consequently, losses were calculated for fifty-seven circuits, which represented each operating division and both rural and urban circuits. Thus, variations in load level, line length, and conductor size were taken into account.

An approximate representation of loads was based on substation and OCR load checks and billing data. This representation was used to estimate losses at each circuit's peak load. A weighted average of the peak load losses on these circuits indicated that at peak load copper losses on the 12 kV circuits were about 3% of the peak load supplied by those circuits.

Since the single phase taps, the 4 kV and 23 kV systems, core and copper losses in the 12/4 kV transformers, and dielectric losses in distribution capacitors also contributed to losses, their contributions were included by adding an extra 1/2% to give an estimated value of peak load losses equal to 3 1/2% of peak load. Calculations indicated that the 1/2% provided a good estimate of the actual losses in single phase taps, the 4 kV and 23 kV systems, 12/4 kV transformers, and distribution capacitors. However, because the data was limited, the approximate nature of the calculations should be recognized. Losses on the primary circuits at lower load levels were estimated by multiplying peak losses by the square of the ratio of load to peak load.

Copper and core losses in the 66/12 kV transformers were combined with circuit losses to develop the primary losses versus primary load curve in Figure 11.

The primary load duration curve shown in Figure 12 was developed from hourly data for one week in each of the four seasons. This simplified method took into account seasonal and daily variations in load as well as the effects of weekends and holidays.

The primary losses versus primary load and the primary load duration curves were combined to develop the primary loss duration curve shown in Figure 13. Graphical integration of this curve gave the estimate of losses in the primary distribution system. The losses in the primary distribution system for 1976 are estimated at 540,000 MWHS, which is 30% of the System losses.

Secondary Facilities

The secondary system consists of pole top, pad-mounted, and submersible transformers, secondary spans, service drops, and six underground secondary networks. The majority of PP&L's customers are supplied from the secondary system. They have a variety of load characteristics. Some receive three phase service, others single phase. Their peak loads occur at different times of the day and year. Load factors, defined as the ratio of average load to annual peak load, vary with type of service and amount of load. Direct calculation of secondary losses was impossible. Consequently, transformer impedance and loading data was combined with data from recent load surveys to estimate losses in the secondary system.

The secondary customers were divided into three groups: 1) residential, 2) commercial, and 3) secondary network. Residential customers were further divided into non-heat and heat. Manufacturers' data was used to calculate an average core loss and average resistance for each size of transformer. The Distribution Department provided the number of transformers of each size and the average number of customers supplied by transformers of each size.

The transformers of any given size had a range of annual peak loads. The data divided the number of transformers of each size into nine groups, based on their annual peak load as a percentage of nameplate rating. This division of transformers by size and peak load was used to calculate losses at the non-coincident peak loading of the distribution transformers.

Typical conductor sizes and lengths were assumed for calculating peak losses in services and secondaries. The load flow program was used to calculate peak losses in the secondary networks.

The sum of the non-coincident peak loads on the distribution transformers, secondaries, and services exceeded the coincident peak load. Therefore, the non-coincident copper losses were multiplied by the square of the ratio of coincident peak load to the sum of non-coincident peak load. This gave an estimate of copper losses at the time of the coincident peak. Core losses which remain constant throughout the load cycle, were calculated from available transformer data.

The next step was to estimate annual energy losses from the losses at the annual peak. This was accomplished by applying loss factors to the peak copper losses. A nation-wide study of distribution transformer losses, conducted in 1964, developed the following empirical formula for calculating loss factors from load factors: Loss factor = .85(load factor) + .15 (load factor)^2

Recent load surveys provided a range of load factors for residential non-heat, residential heat, and commerical customers.

Particular load factors could not be related to transformer size and loading. Consequently, the problem was similified by making two calculations. One applied the maximum loss factor for each type of service to all transformers. The other applied the minimum loss factor for each type of service. Since core losses do not vary with load factor, the same value of annual core losses was added to both values of annual copper losses to give total secondary losses. The average of the two values of total secondary losses is considered to be a good estimate of the actual value of annual energy losses. The average value is 479,000 MWHS, which is 26% of the System losses.

The load factors that were used in the calculations are listed in Table II.

TABLE II

LOAD FACTORS FOR RESIDENTIAL AND COMMERCIAL CUSTOMERS

Type Service	Maximum Load Factor	Minimum Load Factor
Residential		
Non-heat	.26	.10
Heat	.23	.12
Commercial	.57	.30
Secondary Network	.46(1)	.46(1)

(1) Load factor for network system

Table III gives a summary of the calculations based on maximum and minimum load factors and the average of the two.

TABLE III
SECONDARY ANNUAL ENERGY LOSSES BY FACILITY

Facility	Annual Energy Losses (MWH) Average	Max. L.F.	Min. L.F.
Dist. Transformers			
Core Losses	265,010	265,010	265,010
Copper Losses	165,874	252,740	79,007
Total Losses	430,884	517,750	344,017
Services	41,172	61,999	20,345
Secondary Networks			
Core Losses	4,827	4,827	4,827
Copper Losses	2,199	2,199	2,199
	7,026	7,026	7,026
Total Secondary Losses	479,082	586,775	371,388

Interpretation of Results

The sum of the losses estimated at the six operating levels is 1,824,000 MWHS. This agrees within 3.4% with the official value of 1,888,184 MWHS which was calculated by subtracting sales from net output. This close agreement indicates that the estimates of losses for the six voltage/operating levels are reasonable.

The losses which occur at each voltage/operating level for years other than 1976 can be estimated by multiplying the official value of System losses by the percentages of total losses given in the third column of Table I at the beginning of this report.

Allocation of Losses

The most immediate use of the results of this study is equitable allocation of losses to the various customer classes. The loads due to the various customer classes cause various amounts of losses on the System. Customers served at secondary voltage obviously cause more losses per megawatt than customers supplied at 66 kV. Customers with high use produce more losses than those with low use. Fair allocation of losses to the various customer classes must take into account both the voltages at which each class is supplied and the annual use by the customers in that class.

Pennsylvania Power and Light Company allocates losses to the various customer classes in proportion to their annual sales. The fact, that loads supplied at a lower voltage cause more losses per megawatt than those supplied at a higher voltage, is taken into account by assuming that one megawatt of load supplied at secondary voltage produces three times the losses as one megawatt of load supplied at transmission voltage (66 kV), and that one megawatt of load supplied at primary voltage (12 kV or 4 kV) produces two times the losses as one megawatt of load supplied at transmission voltage. This 3:2:1 relationship is used to weight the annual sales. The total System losses are allocated in proportion to the weighted sales. The following example for 1976 illustrates the method:

TABLE IV
ALLOCATION OF LOSSES BY 3:2:1 WEIGHTING

		Secondary	Primary	Transmission
1	Annual sales (mwhs)	12,908,449	2,406,972	5,110,985
2	Assumed Weighting	3	2	1
3	Line 2 x Line 1	38,725,347	4,813,944	5,110,985
4	% of Total	79.6	9.9	10.5
5	Allocated Losses (Total = 1,888,184)	1,502,995	186,930	198,259

The losses allocated to secondary, primary, and transmission customers are further allocated to the customer classes within each group in proportion to sales.

The analysis performed in this study identified the losses that occur at each voltage/operating level. These losses can be allocated directly to the customers supplied by each operating level. Secondary loads cause losses at all operating levels. Primary loads cause losses on the primary distribution system and on the 66 kV, 230 kV, 500 kV, and unit transformers. Transmission loads cause losses only on the 66 kV, 230 kV, 500 kV, and unit transformers. In the following example the losses are allocated directly without any assumed weighting, based on the percentages of total losses listed in the third column of Table I.

TABLE V
ALLOCATION OF LOSSES BY OPERATING LEVEL

		Secondary	Primary	Transmission
1	Annual Sales (mwhs)	12,908,449	2,406,972	5,110,985
2	Share of Losses on 500 kV (2% x 1,888,184 = 37,764)	23,865	4,450	9,449
3	Share of Losses in Unit Transfs (5% x 1,888,184 = 94,409)	59,661	11,125	23,623
4	Share of Losses on 230 kV (15% x 1,888,184 = 283,228)	178,986	33,374	70,868
5	Share of Losses on 66 kV (22% x 1,88,184 = 415,400)	262,512	48,949	103,939
6	Share of Losses on Primary (30% x 1,888,184 = 566,455)	477,431	89,024	-
7	Share of Losses on Secondary (26% x 1,888,184 = 490,928)	490,928	-	-
8	Total Share of Losses	1,493,383	186,922	207,879

The results of the two methods are compared in Table VI:

TABLE VI
COMPARISON OF ALLOCATED LOSSES

Level	Losses(mwhs)		Percent Total Losses	
	By 3:2:1 Weighting	By Direct Allocation	By 3:2:1 Weighting	By Direct Allocation
Secondary	1,502,995	1,493,383	79.6	79.1
Primary	186,930	186,922	9.9	9.9
Transmission	198,259	207,879	10.5	11.0
Total	1,888,184	1,888,184	100.0	100.0

The comparison in Table VI demonstrates that annual energy losses can be allocated either by assuming the 3:2:1 weighting or by direct allocation at each voltage/operating level, using the percentages given in Table I.

C379:3

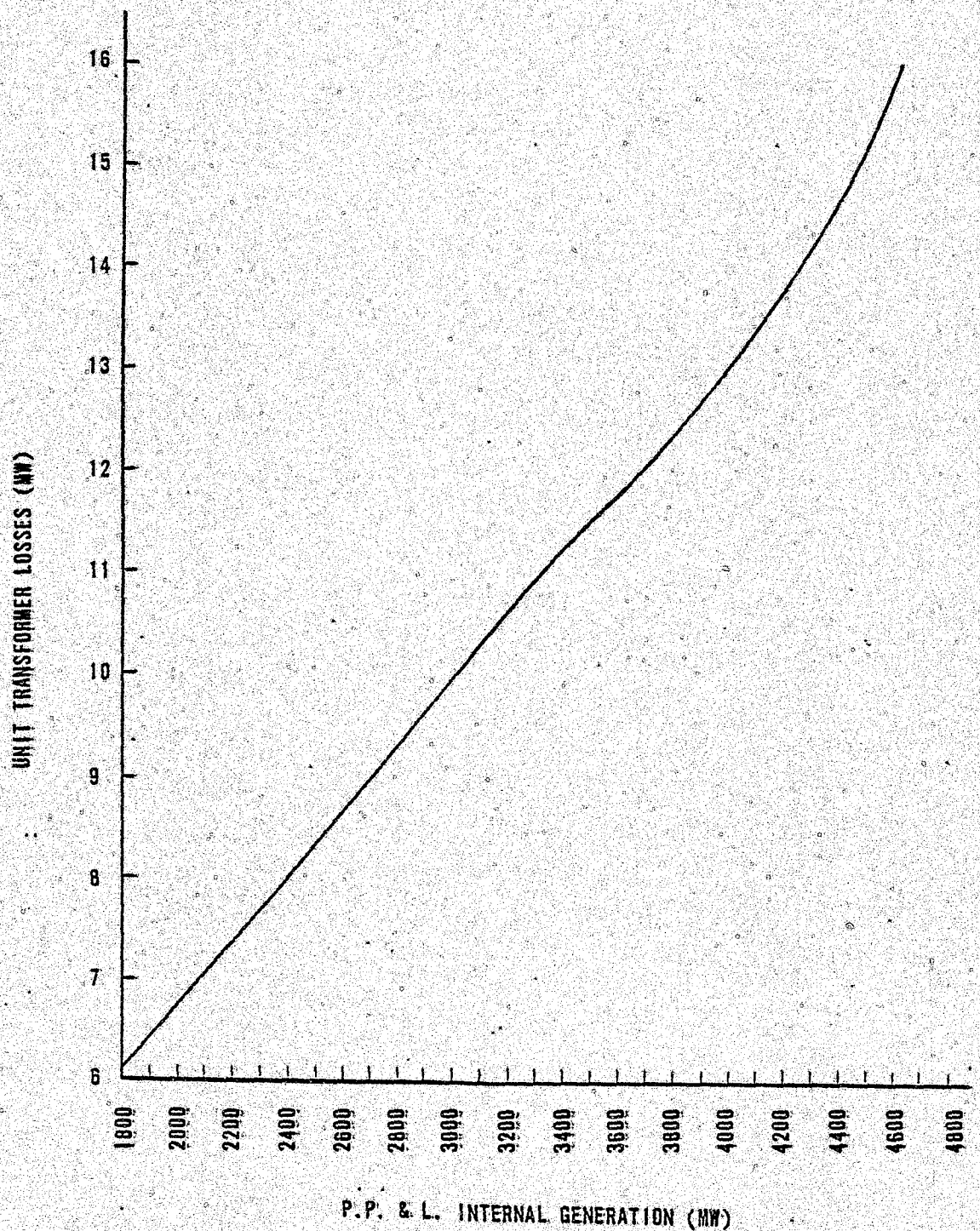

FIGURE 1 – UNIT TRANSFORMER LOSSES VS GENERATION-1976

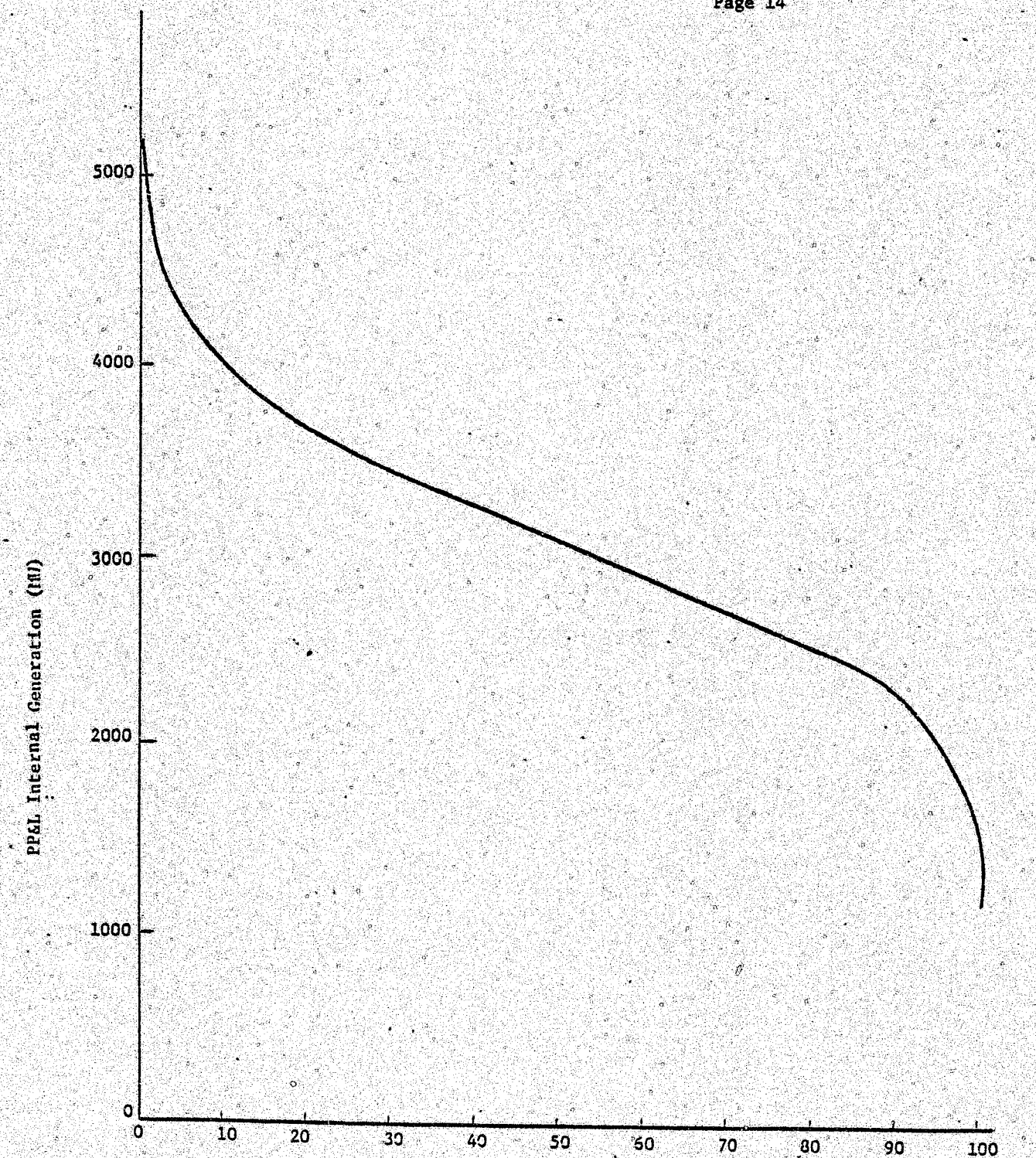

FIGURE 2 — Generation Duration Curve — 1976

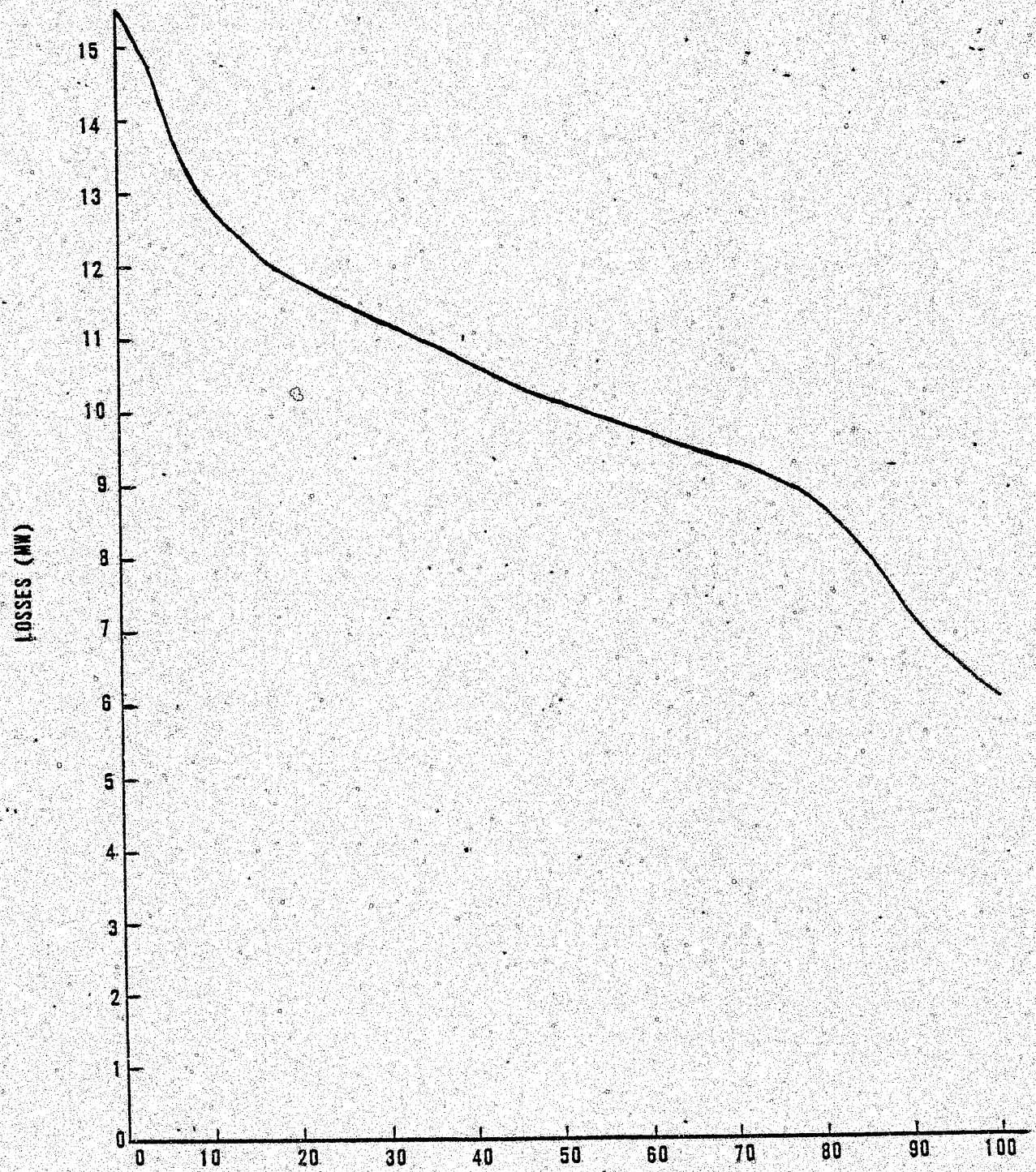

FIGURE 3-UNIT TRANSFORMER LOSS DURATION CURVE

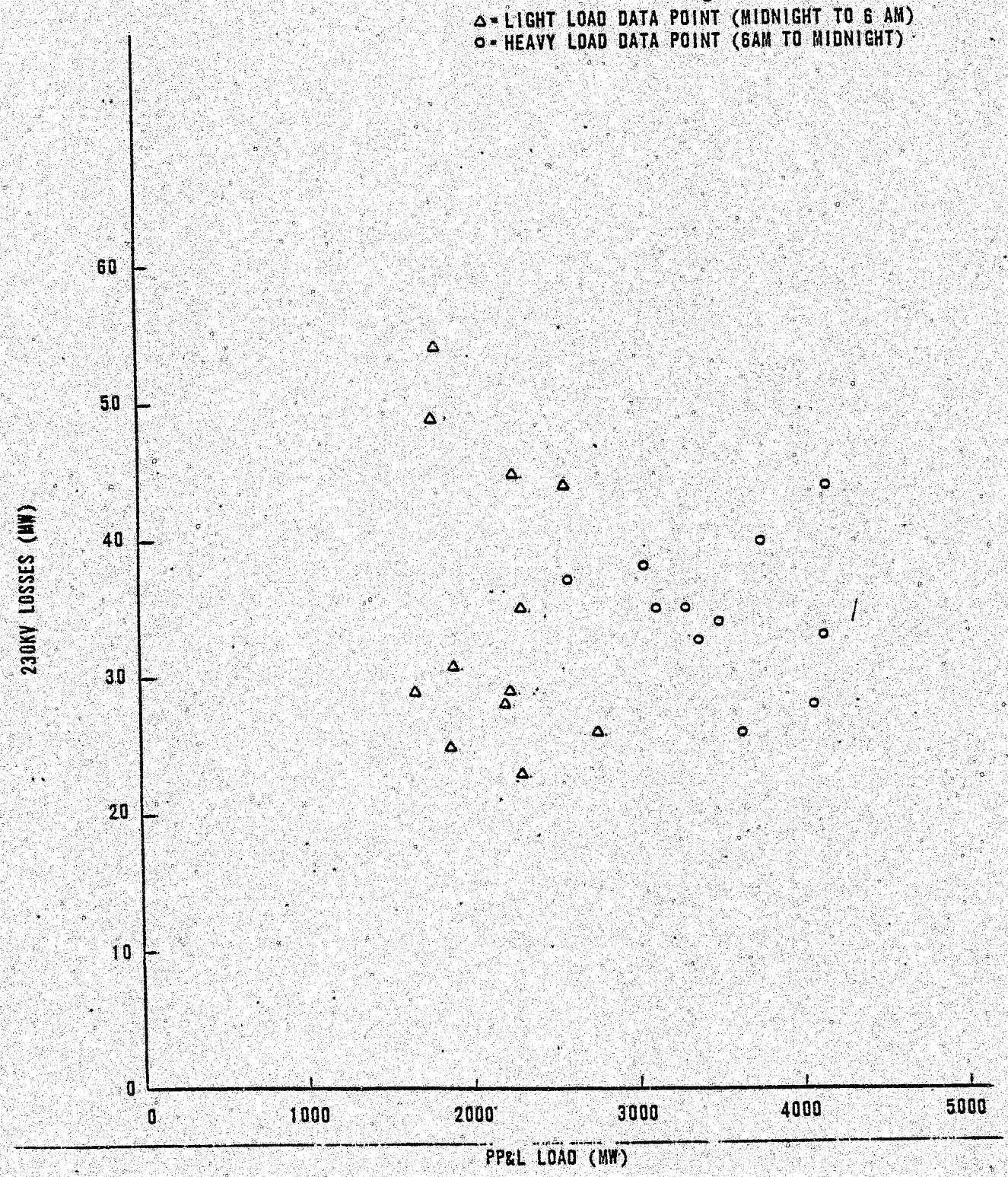

FIGURE 4–230KV LOSSES VS. LOAD

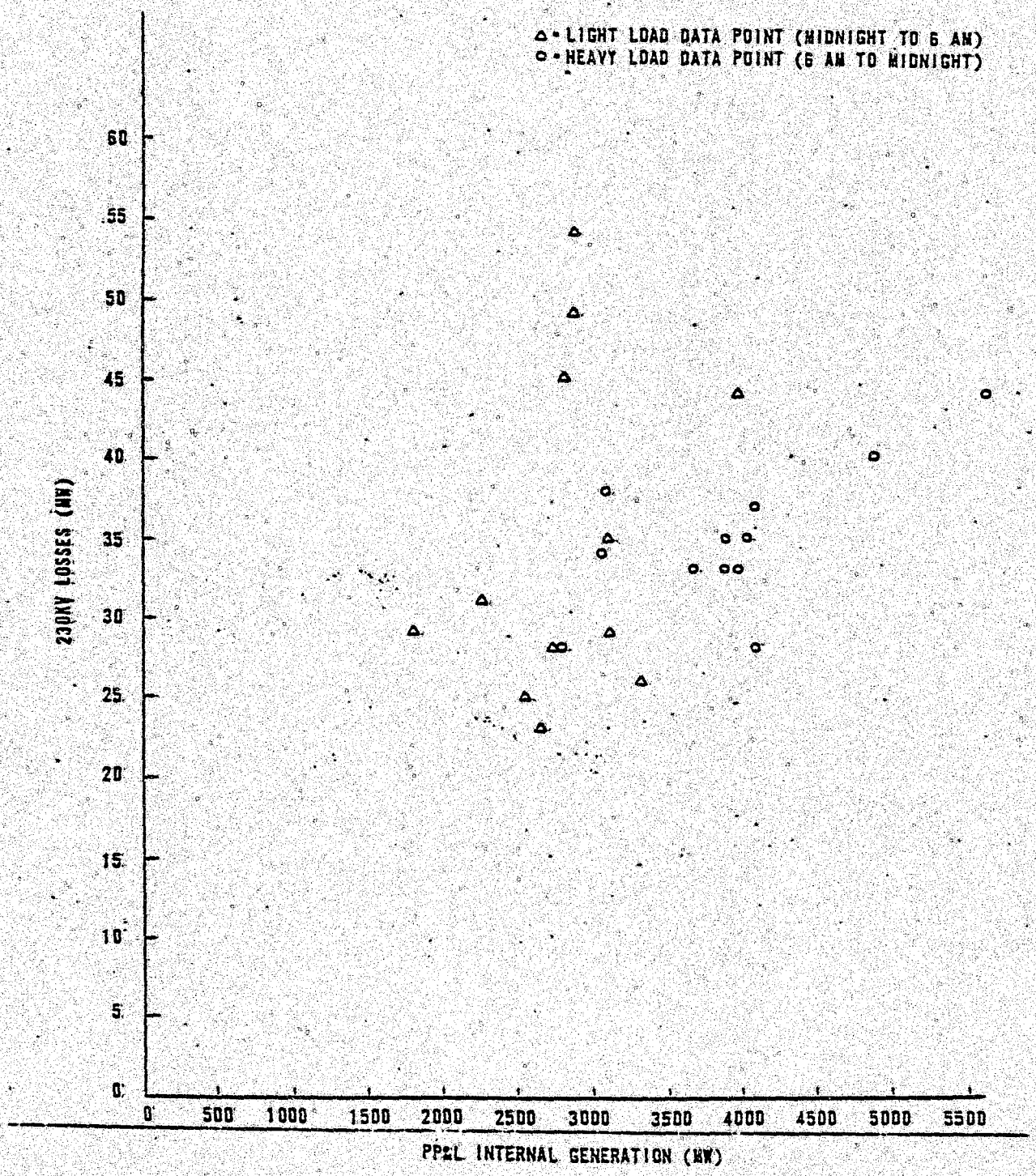

FIGURE 5-230KV LOSSES VS. PP&L INTERNAL GENERATION

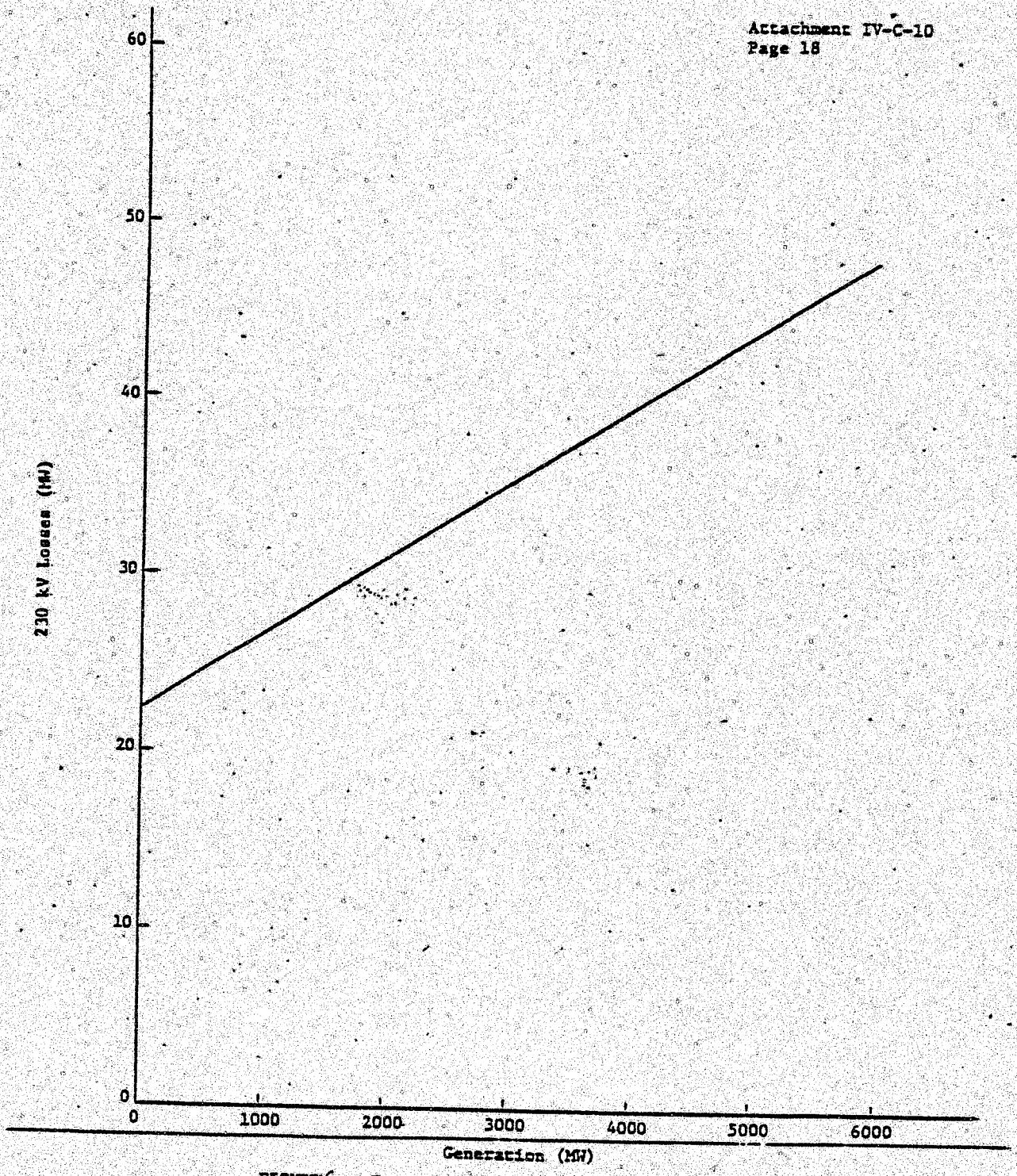

FIGURE 6 – Heavy Load 230 kV Losses Vs. FP&L Internal Generation

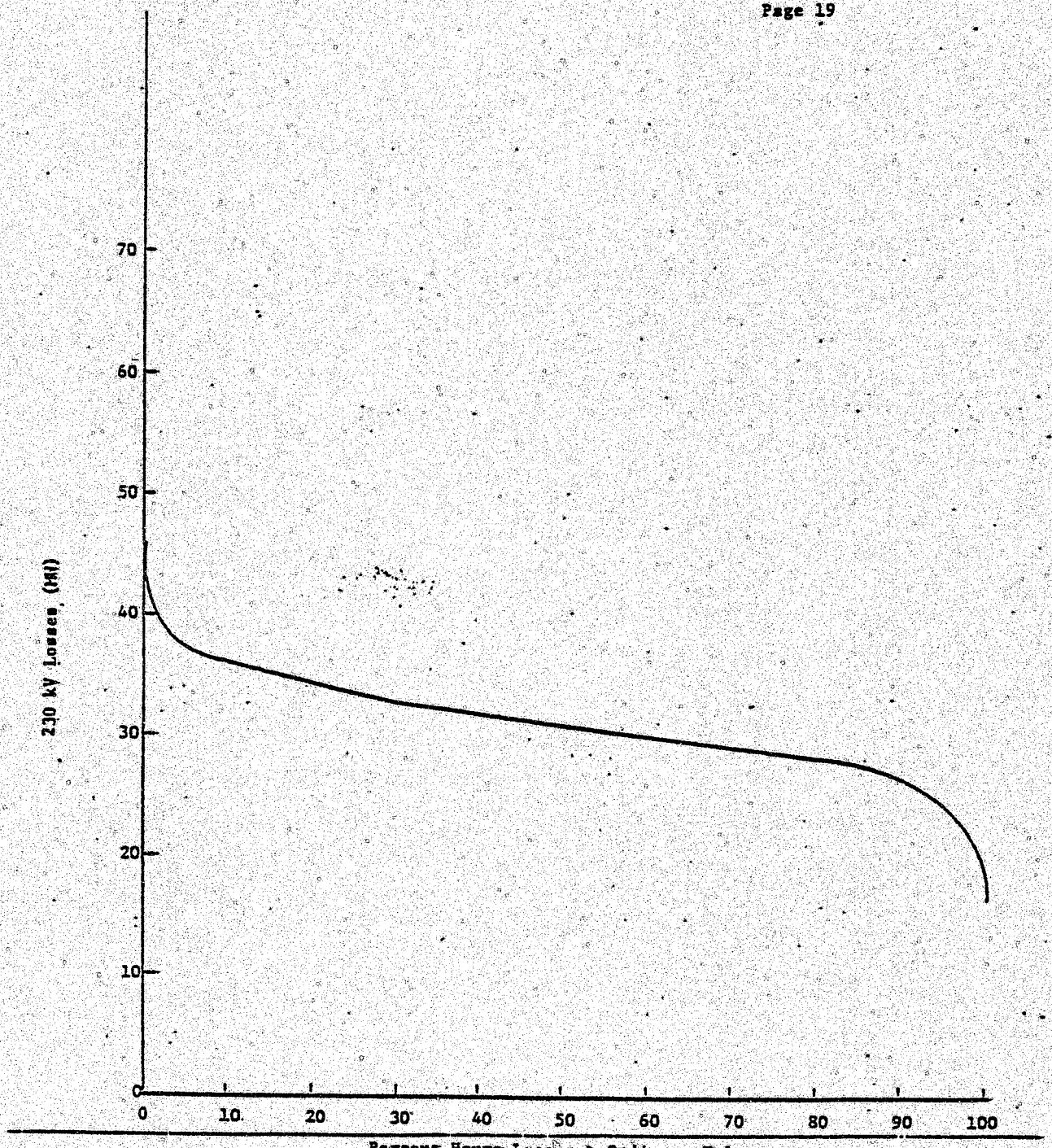

FIGURE 7 – 230 kV Loss... Duration Curve

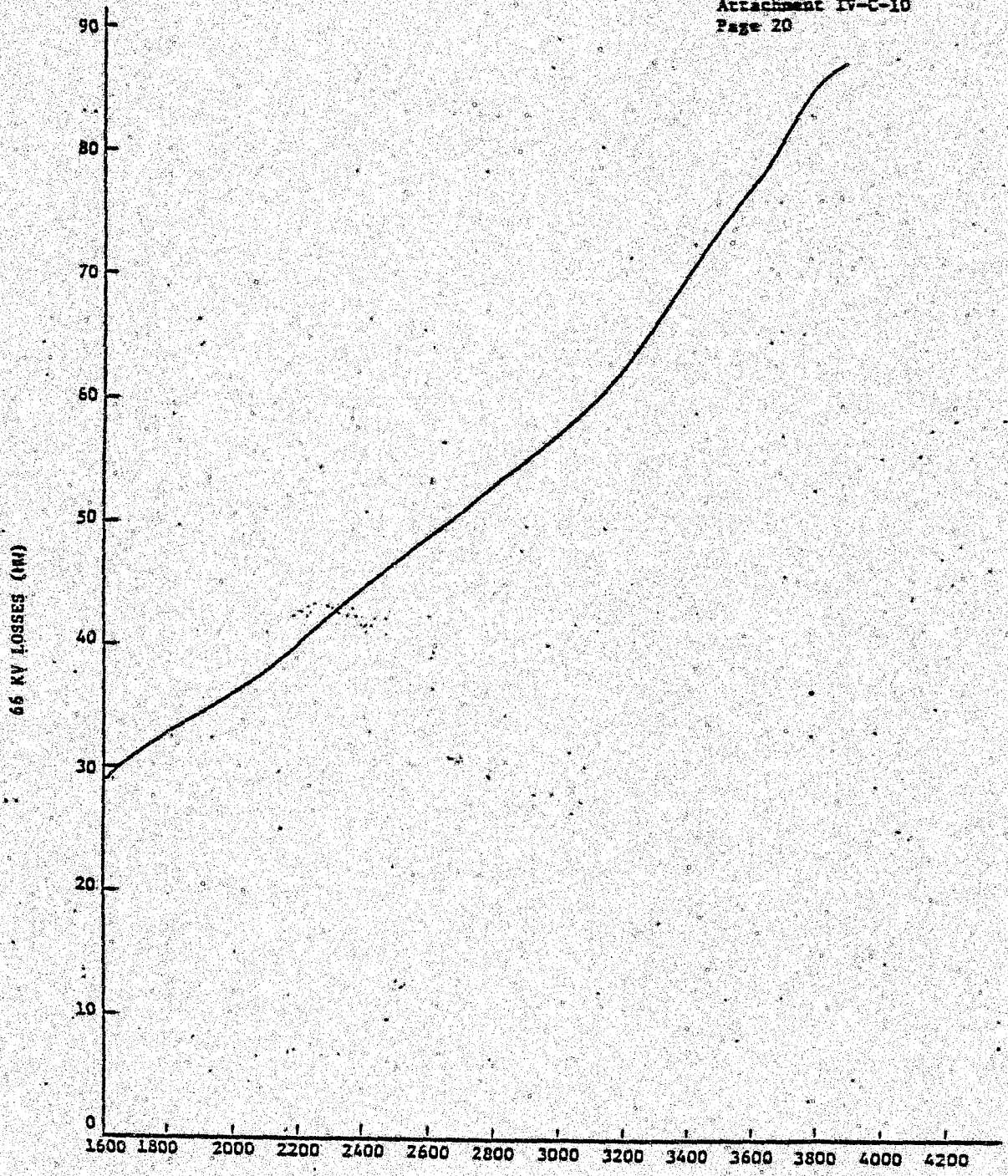

FIGURE 8 66 KV LOSSES V. LOAD SUPPLIED BY THE 66 KV

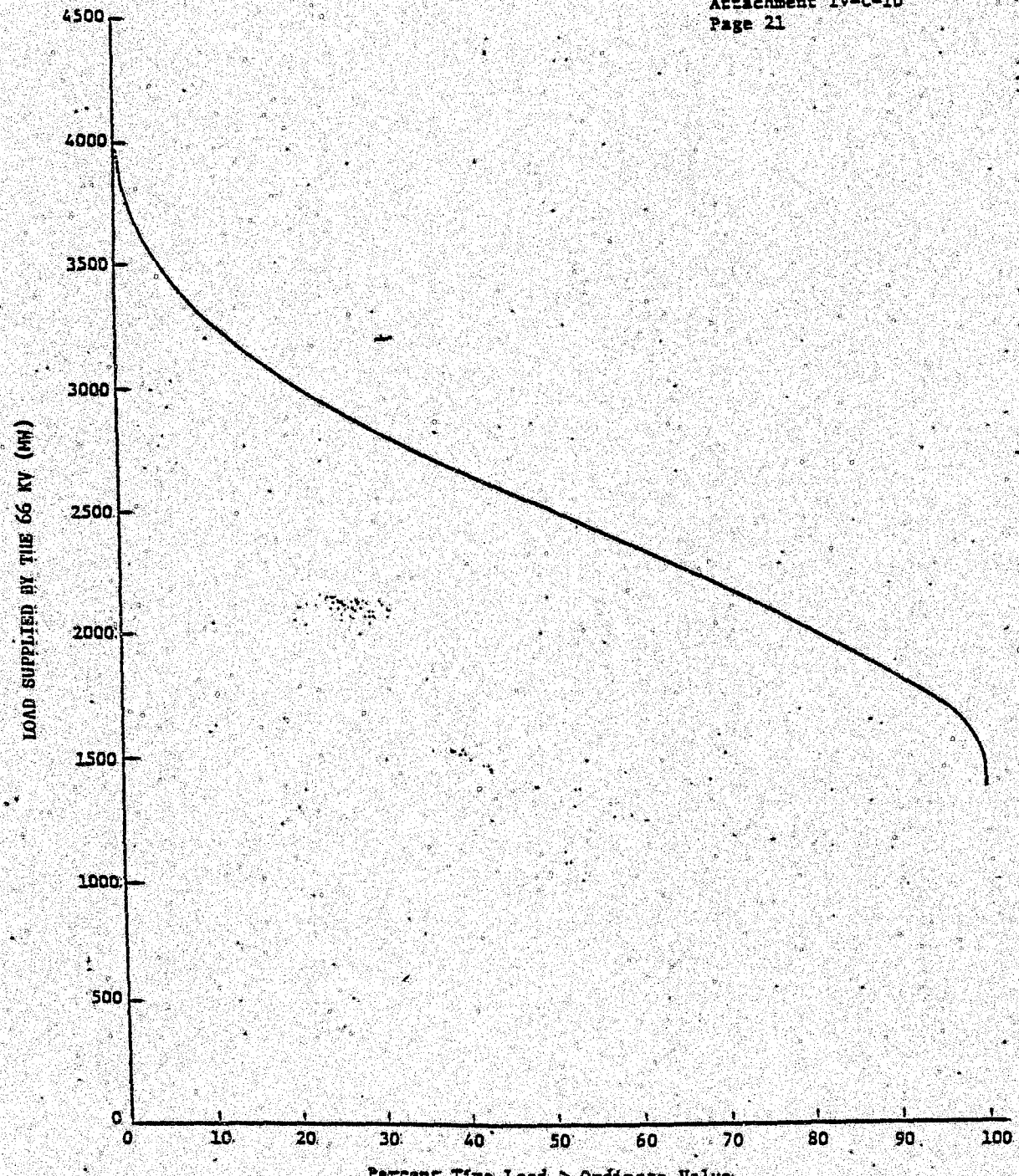

FIGURE 9 - LOAD DURATION CURVE FOR LOAD SUPPLIED BY THE 66 KV - 1976

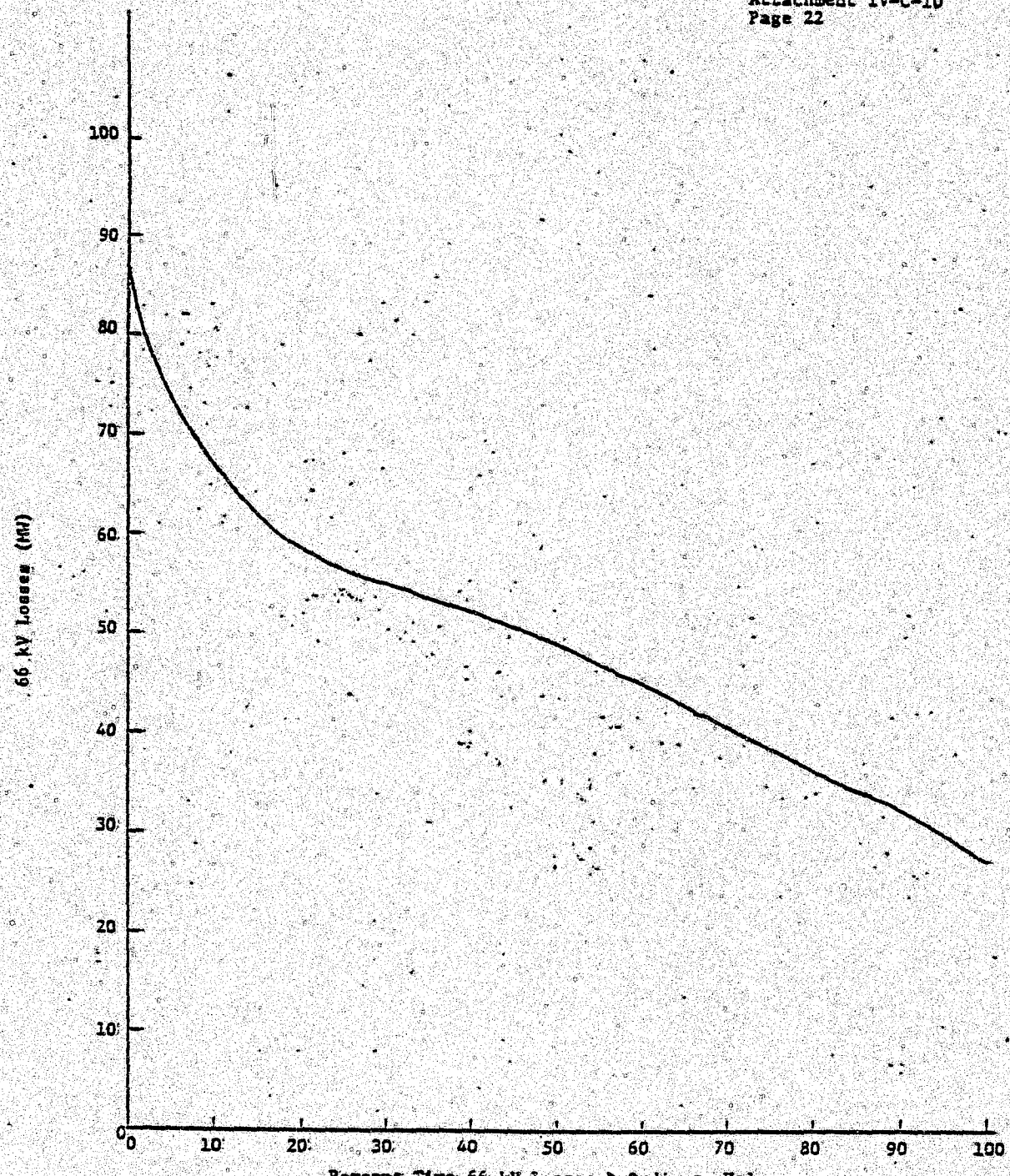

FIGURE 10 – 66 kV Loss Duration Curve

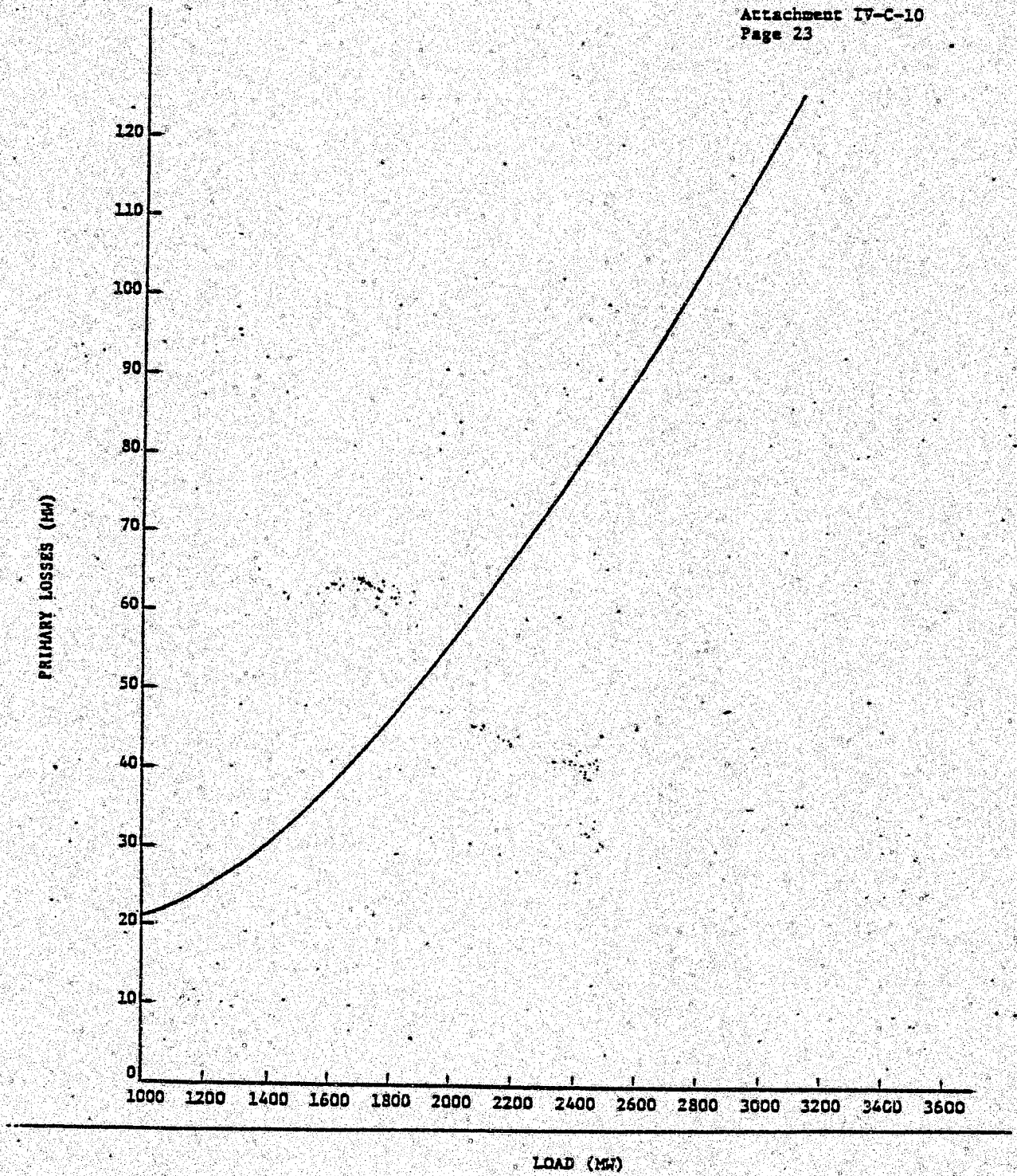

FIGURE 11 - PRIMARY LOSSES VS. PRIMARY LOAD

Note: Based on 4 weeks of 1976
66 kV Load Subtracted from System Load

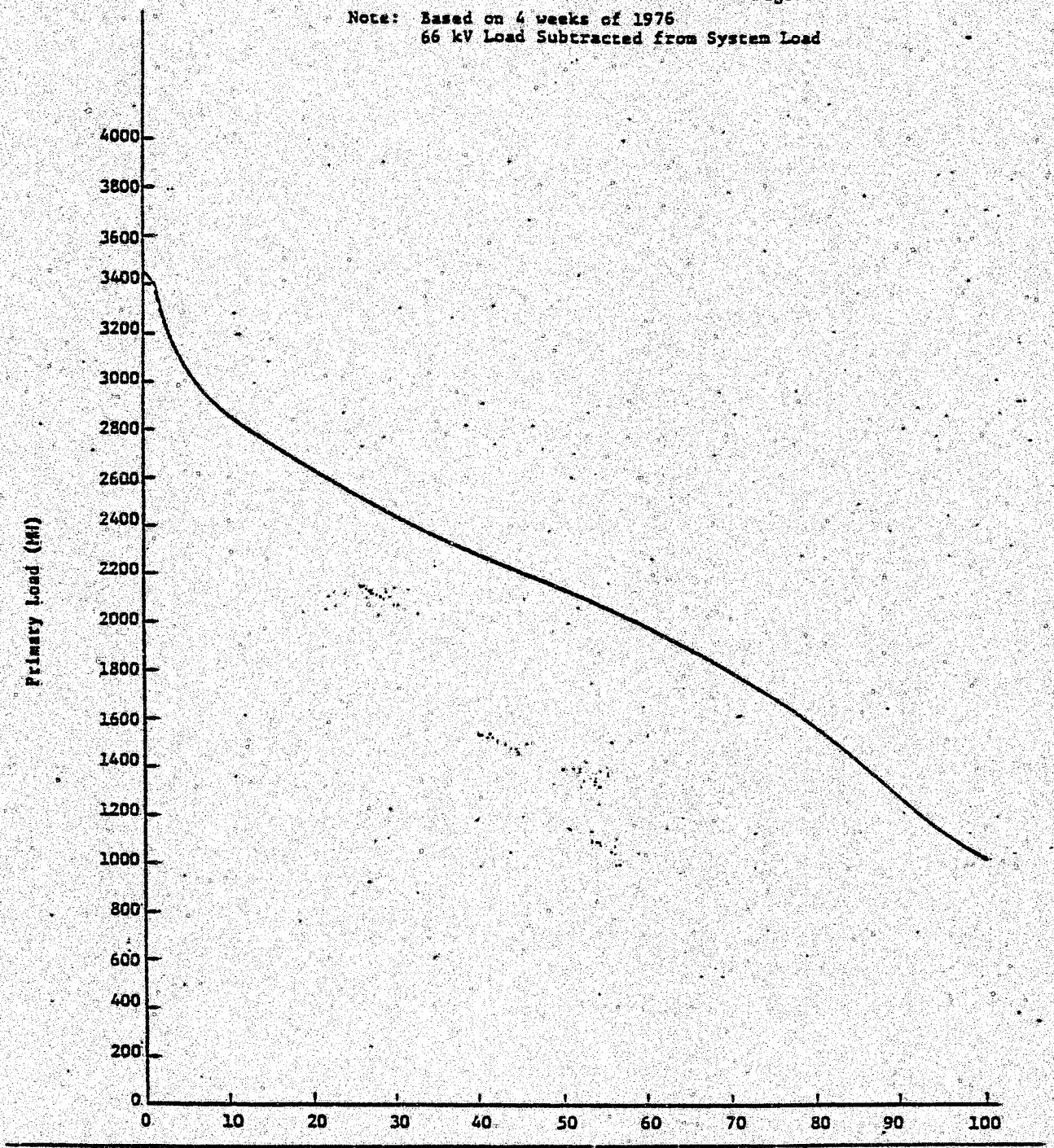

FIGURE 12 - Primary Load Duration Curve - 1976

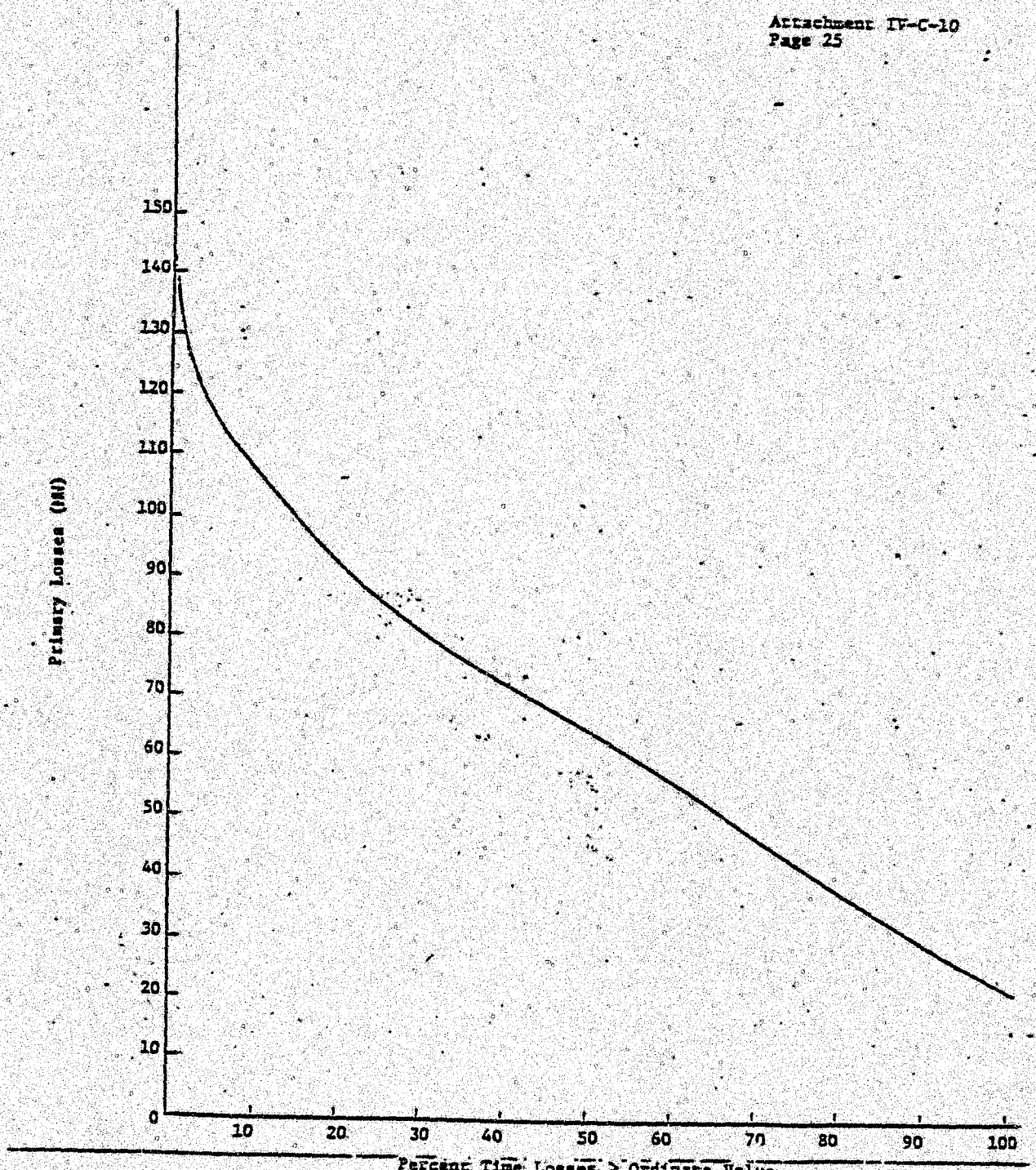

FIGURE 13 - Primary Loss Duration Curve

Q. 11. Provide a schedule on an hourly basis for each peak day of each month of the test year showing the following demand values:

a. Total system generation
   (i) active portion
   (ii) reactive portion
b. Composite system (native) load
c. Breakdown of (b) by either rate schedule or customer classification (commercial, industrial, etc.)
d. Composite load attributable to sales to public authorities, etc.
e. Composite load attributable to the interconnection system, power pools, etc.

All the above demand values shall be reflected up to the generation level.

A. 11. a. Attachment IV-C-11 (a) provides hourly system net generation for the peak day in each month of the historic period, the 12 months ended July 31, 1982. The reactive portion is not available.

b. Attachment IV-C-11 (b) provides composite system load for the peak day in each month of the historic period, 12 months ended July 31, 1982.

c. Attachment IV-C-11 (c) provides the breakdown of system load by rate classes for the peak day of each month of the test year in tabular form. A key to customer class designations is included on page 13.

d. Attachment IV-C-11 (c) also contains the hourly loads for the public authority classes of street lighting (SL/AL), Resale 12 kV, Resale 66 kV, and UGI.

e. Attachment IV-C-11 (e) provides composite load attributable to the interconnection system, power pools, etc. Pages 1 and 2 provide the hourly net interconnection load for the peak day of each month; pages 3 and 4 show for the same days the hourly purchases from Safe Harbor.

Pennsylvania Power & Light Company
Total System Net Generation for Monthly Peak Days - MW
Year Ended July 31, 1982

	AUG 11 1981	SEPT 14 1981	OCT 20 1981	NOV 24 1981	DEC 21 1981	JAN 11 1982
1 AM	3898	2775	2448	3251	3237	2672
2	3746	2561	2550	3307	3098	2915
3	3558	2565	2526	3308	3026	2712
4	3334	2519	2662	3319	2996	2755
5	3200	2516	2730	3325	3088	3041
6	3208	2797	2925	3385	3322	3084
7	3428	3118	3317	3416	3526	3284
8	3999	3624	3459	3578	3779	3697
9	4562	3749	3478	3936	3992	3885
10	4705	3770	3434	3931	4135	4128
11	4768	3801	3457	3918	4021	4363
12	4732	3784	3396	3945	4101	4470
1 PM	4743	3760	3279	3950	4095	4552
2	4789	3769	3306	3990	3862	4692
3	4792	3747	3242	3974	3264	4670
4	4730	3871	3162	3934	3636	4658
5	4711	3881	3153	3985	4059	4873
6	4723	3960	3085	3950	4139	4956
7	4701	4203	3137	3944	4078	4994
8	4577	4260	3258	3958	4166	5042
9	4545	4192	3200	3880	4154	4862
10	4576	4112	3148	3787	4028	3979
11	4411	4036	2883	3695	3830	3770
12	3812	3637	2544	3421	3588	3894
	102248	85007	73779	89087	89220	95948

Pennsylvania Power & Light Company
Total System Net Generation for Monthly Peak Days - MW
Year Ended July 31, 1982

	FEB 11 1982	MAR 4 1982	APR 7 1982	MAY 24 1982	JUNE 28 1982	JULY 19 1982
1 AM	3564	4642	4662	1660	3175	3151
2	3630	4630	4579	1565	2979	2691
3	3637	4496	4486	1535	2928	2356
4	3584	4467	4299	1519	2775	2272
5	3685	4391	4402	1613	2735	2311
6	4013	4537	4406	1872	2898	2274
7	4565	4770	4639	2243	3173	2323
8	4962	5263	4736	2840	3674	2946
9	4897	5535	4735	3448	4374	3503
10	4813	5507	4720	3736	5082	3644
11	4745	5564	4713	3789	5278	3694
12	4738	5501	4684	3854	5289	3829
1 PM	4655	5464	4653	4096	5333	4006
2	4539	5414	4080	4096	5286	4021
3	4521	5342	4187	3932	5247	4322
4	4618	5201	4420	3953	5260	4641
5	4302	5081	4665	4182	5271	4787
6	4192	5436	4653	4071	5257	4794
7	4285	5438	4643	3492	5274	4545
8	4287	5463	4697	3312	5252	4115
9	4273	5484	4717	3577	5235	4149
10	3846	5382	4681	3361	5174	4511
11	3510	4829	4689	2934	4961	4185
12	3149	4211	4640	2635	4237	3577
	101010	122048	109786	73315	106147	86647

PENNSYLVANIA POWER & LIGHT COMPANY

SYSTEM LOAD FOR MONTHLY PEAK DAYS - MW
YEAR ENDED JULY 31, 1982

HOUR	AUG 11, 1981	SEP 14, 1981	OCT 20, 1981	NOV 24, 1981	DEC 21, 1981	JAN 11, 1982
100	2275	1891	2382	2604	2976	3699
200	2197	1807	2292	2489	2899	3673
300	1983	1761	2254	2513	2939	3642
400	1978	1756	2240	2498	2905	3640
500	1989	1755	2305	2551	3035	3717
600	2111	1888	2455	2764	3196	3906
700	2321	2305	3024	3271	3595	4400
800	2865	2845	3499	3751	4247	4992
900	3009	3178	3527	3869	4407	5032
1000	3252	3350	3506	3890	4365	5144
1100	3444	3405	3504	3849	4236	5207
1200	3560	3486	3345	3729	4172	5052
1300	3601	3499	3260	3696	3970	4952
1400	3660	3561	3255	3712	3979	4897
1500	3633	3528	3106	3598	3937	4871
1600	3583	3479	3035	3606	3895	4755
1700	3598	3479	3053	3761	4046	4913
1800	3486	3377	2975	3800	4254	5049
1900	3319	3295	3123	3800	4144	4955
2000	3193	3329	3219	3674	4102	4912
2100	3179	3332	3118	3577	3965	4788
2200	3082	3067	2967	3407	3804	4509
2300	2822	2786	2678	3103	3497	4199
2400	2497	2477	2432	2858	3144	3906
TOTAL	70637	68636	70554	80370	89709	108810

Attachment IV-C-11 (b)
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Pennsylvania Power & Light Company
System Total for Monthly Peak Days - MW
Year Ended July 31, 1982

PENNSYLVANIA POWER & LIGHT COMPANY

SYSTEM LOAD FOR MONTHLY PEAK DAYS - MW
YEAR ENDED JULY 31, 1982

HOUR	FEB 11, 1982	MAR 4, 1982	APR 7, 1982	MAY 24, 1982	JUN 28, 1982	JUL 19, 1982
100	3119	2954	3044	1866	1930	2316
200	3085	2917	2970	1804	1808	2200
300	3026	2869	2997	1767	1805	2117
400	3041	2891	2969	1774	1754	2082
500	3110	2930	3097	1803	1754	2078
600	3293	3087	3262	1948	1908	2185
700	3772	3559	3604	2375	2170	2445
800	4283	4075	4056	2925	2648	2959
900	4355	4260	4187	3145	2999	3356
1000	4292	4243	4188	3242	3198	3611
1100	4240	4322	4201	3341	3363	3795
1200	4068	4262	4119	3282	3435	3840
1300	3918	4155	3977	3282	3467	3870
1400	3830	4136	3932	3273	3460	3945
1500	3694	4077	3810	3151	3467	3886
1600	3630	4019	3671	3093	3466	3840
1700	3692	4046	3712	3150	3432	3800
1800	3881	4064	3652	3034	3372	3642
1900	3976	3988	3790	2936	3235	3578
2000	3976	3986	3953	2923	3115	3420
2100	3920	3892	3891	2919	3142	3377
2200	3747	3619	3691	2830	3097	3553
2300	3536	3250	3441	2563	2869	3140
2400	3258	3011	3216	2216	2482	2770
TOTAL	88742	88612	87430	64642	67376	75805

Pennsylvania Power & Light Company
System Total for Monthly Peak Days - MW
Year Ended July 31, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR AUG 11, 1981

RATE CLASS GROUPS HOUR:	100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	726.79	665.51	566.44	554.39	550.92	612.41	715.74	853.74	792.10	857.04	927.59	990.76
GS-1	142.33	138.46	119.48	118.07	115.98	119.18	110.65	151.83	202.11	241.01	262.40	267.67
GH	75.61	75.19	68.47	68.34	69.87	76.18	92.85	133.27	151.76	175.69	185.94	191.43
GS-3	364.85	374.81	329.00	338.90	342.28	378.73	426.03	573.16	649.81	716.60	757.63	776.75
LP-4	344.89	348.72	315.40	316.96	324.43	354.20	384.50	472.09	477.59	516.68	536.26	540.51
LP-5	135.73	132.11	132.75	126.99	129.58	129.63	138.62	167.87	184.89	187.25	199.09	199.77
LP-6	375.31	360.40	352.97	357.22	359.11	372.68	372.51	403.70	421.98	414.42	419.09	430.95
RESALE 12 KV	18.57	16.76	15.83	15.13	15.09	16.07	18.28	21.71	24.47	26.45	28.06	28.77
RESALE 66 KV	34.08	31.19	29.25	28.34	28.19	30.74	37.29	46.21	52.39	56.13	59.44	62.19
UGI	2.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	19.00	28.00	34.00	37.00
COMPANY USE	21.29	20.27	19.82	20.09	19.99	21.19	24.53	29.43	32.89	32.73	34.50	34.20
SL/AL	33.57	33.57	33.57	33.57	33.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SYSTEM TOTAL	2275.00	2197.00	1983.00	1978.00	1989.00	2111.00	2321.00	2865.00	3009.00	3252.00	3444.00	3560.00

RATE CLASS GROUPS HOUR:	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1024.81	1028.10	1008.86	1117.58	1310.40	1391.42	1321.16	1216.05	1190.11	1181.83	1058.97	842.66
GS-1	263.71	278.02	290.34	274.58	247.45	203.28	199.53	204.72	209.05	190.40	171.97	156.54
GH	196.37	200.78	203.86	186.36	168.94	147.19	133.62	126.29	114.81	105.72	93.25	85.55
GS-3	775.34	789.96	797.34	718.75	633.69	551.62	510.74	507.36	498.42	463.86	425.56	395.99
LP-4	546.77	560.24	549.40	511.18	478.97	463.08	442.40	428.98	419.80	407.94	379.60	360.27
LP-5	201.34	204.76	203.11	193.58	188.09	179.88	178.75	176.60	174.96	166.16	154.26	146.32
LP-6	430.63	429.93	412.45	417.48	411.62	401.13	398.32	402.01	404.10	405.58	394.79	378.99
RESALE 12 KV	28.58	29.56	29.37	29.23	29.62	28.36	26.42	25.62	26.43	25.46	23.57	20.56
RESALE 66 KV	61.73	62.78	62.98	62.45	61.29	58.43	54.53	52.83	54.01	51.34	46.22	39.39
UGI	38.00	40.00	41.00	40.00	38.00	33.00	26.00	25.00	27.00	25.00	17.00	15.00
COMPANY USE	33.73	35.87	34.30	31.81	29.93	28.63	27.53	27.54	26.74	25.13	23.24	22.16
SL/AL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.57	33.57	33.57	33.57
SYSTEM TOTAL	3601.00	3660.00	3633.00	3583.00	3598.00	3486.00	3319.00	3193.00	3179.00	3082.00	2822.00	2497.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

August 11, 1981

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR SEP 14, 1981

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	613.32	539.16	505.40	494.16	496.68	558.85	792.69	908.60	841.18	893.95	912.80	896.83
GS-1	113.20	107.77	102.67	101.68	100.91	101.79	101.92	130.64	186.30	221.58	235.29	242.87
GH	63.55	61.63	61.32	62.73	63.46	68.70	87.35	125.95	168.27	186.03	196.75	206.16
GS-3	284.50	273.80	270.03	275.39	274.04	297.25	357.52	501.41	645.80	685.45	719.52	749.40
LP-4	271.14	264.44	267.59	272.25	276.00	302.95	351.40	428.89	472.88	477.24	498.37	515.02
LP-5	114.93	116.33	116.53	116.59	117.40	122.16	134.66	170.48	187.05	192.82	199.40	198.22
LP-6	342.24	358.45	352.97	348.59	341.20	345.85	370.86	470.34	549.47	550.73	493.90	525.24
RESALE 12 KV	13.83	12.95	12.51	12.24	12.39	14.13	17.78	21.03	23.54	25.37	26.71	27.32
RESALE 66 KV	26.94	25.20	24.54	23.91	24.10	26.69	35.64	46.73	52.00	54.97	57.79	58.03
UGI	0.00	0.00	0.00	0.00	0.00	0.00	2.00	16.00	23.00	32.00	33.00	35.00
COMPANY USE	13.76	13.71	13.88	14.90	15.25	16.06	19.61	24.93	28.51	29.86	31.47	31.92
SL/AL	33.57	33.57	33.57	33.57	33.57	33.57	33.57	0.00	0.00	0.00	0.00	0.00
SYSTEM TOTAL	1891.00	1807.00	1761.00	1756.00	1755.00	1888.00	2305.00	2845.00	3178.00	3350.00	3405.00	3486.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	905.20	901.53	909.84	966.33	1098.73	1220.42	1204.02	1150.89	1201.46	1130.30	950.47	775.92
GS-1	236.54	267.23	271.19	267.81	255.76	195.03	186.44	215.79	210.42	179.69	159.39	145.67
GH	209.17	207.51	206.64	193.59	174.53	152.76	140.29	137.62	125.05	104.52	90.64	83.33
GS-3	738.51	756.17	741.34	676.59	609.05	521.99	492.94	516.83	496.91	440.73	411.78	373.15
LP-4	517.10	517.57	502.33	491.08	473.43	442.99	432.16	429.94	417.96	390.60	364.51	343.18
LP-5	198.66	204.75	203.84	192.58	183.68	181.51	177.60	177.46	176.22	166.84	153.99	150.02
LP-6	544.31	551.41	535.21	539.23	531.90	519.96	526.56	531.35	533.15	498.93	518.36	485.63
RESALE 12 KV	26.93	27.73	27.85	27.93	27.96	26.68	25.18	25.97	26.30	24.90	22.32	19.28
RESALE 66 KV	57.29	58.97	59.28	57.17	57.22	54.50	51.84	53.03	52.73	48.01	42.44	36.36
UGI	34.00	36.00	38.00	36.00	38.00	34.00	31.00	30.00	32.00	23.00	14.00	8.00
COMPANY USE	31.28	32.12	32.46	30.68	28.75	27.16	26.97	26.55	26.22	25.92	24.54	22.90
SL/AL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.57	33.57	33.57	33.57	33.57
SYSTEM TOTAL	3499.00	3561.00	3528.00	3479.00	3479.00	3377.00	3295.00	3329.00	3332.00	3067.00	2786.00	2477.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

September 14, 1981

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

October 20, 1981

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR OCT 20, 1981

RATE CLASS GROUPS / HOUR:	100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	751.73	722.10	692.38	717.29	735.27	856.31	1171.54	1236.31	1071.43	979.67	942.25	909.82
GS-1	130.39	122.64	119.22	116.16	117.96	113.03	127.74	160.79	215.25	241.28	246.95	242.61
GH	112.07	111.15	114.38	116.75	121.26	137.42	189.40	236.41	257.80	240.56	229.55	215.76
GS-3	328.98	316.74	309.89	307.06	311.58	327.90	401.79	548.17	651.95	689.19	700.10	677.77
LP-4	330.24	318.06	314.57	308.06	315.46	331.50	394.15	475.87	517.82	509.87	512.39	506.63
LP-5	135.02	132.61	132.05	129.97	131.83	132.93	144.14	173.88	185.64	184.27	189.23	182.97
LP-6	457.58	449.38	446.29	415.75	448.30	426.95	468.41	503.23	453.61	486.26	512.92	446.27
RESALE 12 KV	17.11	15.99	15.58	15.33	15.52	17.37	21.90	25.49	26.36	26.59	26.57	26.15
RESALE 66 KV	34.14	32.58	32.14	32.17	33.22	36.75	47.29	58.18	60.45	59.64	58.14	56.02
UGI	28.00	15.00	22.00	26.00	19.00	18.00	32.00	48.00	52.00	53.00	50.00	46.00
COMPANY USE	23.18	22.18	21.93	21.89	22.03	23.27	25.65	32.65	34.70	35.68	35.91	35.01
SL/AL	33.57	33.57	33.57	33.57	33.57	33.57	0.00	0.00	0.00	0.00	0.00	0.00
SYSTEM TOTAL	2382.00	2292.00	2254.00	2240.00	2305.00	2455.00	3024.00	3499.00	3527.00	3506.00	3504.00	3345.00

RATE CLASS GROUPS / HOUR:	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	834.10	755.08	710.77	786.64	942.32	1067.24	1145.32	1149.26	1148.64	1046.65	932.02	750.00
GS-1	232.21	232.10	232.19	223.00	207.92	178.39	187.92	213.01	186.68	170.55	150.17	140.92
GH	205.01	203.06	189.36	167.14	151.42	136.57	133.40	136.06	129.48	121.07	110.74	102.27
GS-3	654.21	683.69	662.37	576.62	505.25	438.02	438.79	464.86	443.41	412.77	373.12	353.94
LP-4	495.50	514.38	497.94	455.39	430.71	404.91	396.49	402.66	393.39	395.10	370.68	351.12
LP-5	182.96	187.59	188.84	181.17	169.49	165.51	165.54	162.42	159.70	152.76	145.25	143.25
LP-6	499.57	524.38	477.59	503.53	508.35	446.34	477.74	507.65	477.08	501.68	443.68	451.66
RESALE 12 KV	24.80	24.70	24.03	23.15	23.40	23.19	24.18	25.56	24.80	23.33	21.27	18.22
RESALE 66 KV	52.80	52.79	51.48	48.14	49.00	47.60	48.83	50.12	48.58	45.28	40.96	36.13
UGI	45.00	42.00	38.00	40.00	38.00	42.00	46.00	49.00	48.00	40.00	32.00	27.00
COMPANY USE	33.84	35.24	33.43	30.21	27.15	25.22	25.22	24.83	24.67	24.24	24.53	23.92
SL/AL	0.00	0.00	0.00	0.00	0.00	0.00	33.57	33.57	33.57	33.57	33.57	33.57
SYSTEM TOTAL	3260.00	3255.00	3106.00	3035.00	3053.00	2975.00	3123.00	3219.00	3118.00	2967.00	2678.00	2432.00

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR NOV 24, 1981

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	971.85	925.02	921.62	920.48	976.94	1070.86	1371.80	1491.73	1321.71	1289.59	1228.23	1189.88
GS-1	144.47	136.72	132.92	130.46	129.08	130.11	142.72	181.00	238.29	269.35	278.56	276.60
GH	155.00	151.53	158.26	161.51	165.56	198.25	239.47	285.26	305.08	301.08	291.77	276.83
GS-3	348.42	338.40	333.92	332.39	332.56	349.80	417.09	554.30	674.70	715.32	726.74	715.43
LP-4	341.82	330.19	335.93	328.58	329.40	352.60	395.14	477.69	502.88	506.05	513.41	507.21
LP-5	123.13	121.88	119.34	117.41	116.79	118.80	130.27	158.45	171.34	176.29	179.89	177.55
LP-6	392.84	367.92	393.74	387.64	377.63	406.16	403.59	430.98	473.83	447.73	448.37	411.30
RESALE 12 KV	18.22	17.25	16.76	16.53	17.03	18.87	23.41	27.04	28.04	28.79	28.85	28.15
RESALE 66 KV	39.31	38.01	37.43	37.91	38.60	42.58	53.43	64.38	67.29	67.23	66.11	64.20
UGI	13.00	7.00	8.00	10.00	12.00	20.00	35.00	49.00	52.00	54.00	53.00	48.00
COMPANY USE	22.37	21.51	21.51	21.52	21.85	22.41	25.52	31.19	33.84	34.58	34.07	33.85
SL/AL	33.57	33.57	33.57	33.57	33.57	33.57	33.57	0.00	0.00	0.00	0.00	0.00
SYSTEM TOTAL	2604.00	2489.00	2513.00	2498.00	2551.00	2764.00	3271.00	3751.00	3869.00	3890.00	3849.00	3729.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1156.73	1106.89	1130.14	1233.50	1477.51	1640.11	1611.43	1555.30	1506.99	1425.05	1289.88	1118.25
GS-1	265.47	279.04	272.98	264.20	256.34	232.96	217.45	217.93	199.57	177.47	172.05	156.15
GH	275.74	276.68	264.02	232.05	208.95	192.64	196.61	188.85	186.53	174.34	166.11	155.67
GS-3	696.16	726.43	700.73	624.56	574.74	528.23	520.34	509.85	494.29	449.04	410.51	375.12
LP-4	497.25	510.33	491.96	461.74	443.05	419.91	418.04	410.52	405.87	392.68	376.73	350.35
LP-5	174.04	178.23	174.80	165.36	164.03	156.86	156.84	156.01	152.03	142.85	131.71	127.27
LP-6	464.97	469.70	399.69	466.67	467.46	420.68	469.85	434.09	435.31	459.90	389.19	412.88
RESALE 12 KV	27.26	27.79	27.24	27.15	29.29	30.61	29.23	28.58	27.68	26.34	24.27	21.26
RESALE 66 KV	62.86	63.07	62.86	60.22	62.40	63.39	61.00	60.30	58.07	54.45	49.38	43.67
UGI	43.00	40.00	40.00	41.00	49.00	53.00	58.00	52.00	50.00	45.00	34.00	39.00
COMPANY USE	32.53	33.65	33.58	29.55	28.22	28.04	27.64	27.00	27.08	26.10	25.59	24.81
SL/AL	0.00	0.00	0.00	0.00	0.00	33.57	33.57	33.57	33.57	33.57	33.57	33.57
SYSTEM TOTAL	3696.00	3712.00	3598.00	3606.00	3761.00	3800.00	3800.00	3674.00	3577.00	3407.00	3103.00	2858.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

November 24, 1981

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR DEC 21, 1981

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	1329.99	1275.87	1300.94	1280.38	1370.31	1435.15	1748.31	1938.35	1822.93	1701.28	1617.42	1551.97
GS-1	153.19	151.04	149.71	150.79	151.26	146.92	149.56	192.26	249.83	297.57	287.59	281.45
GH	226.83	221.07	226.26	226.01	237.91	262.38	286.50	339.93	362.66	363.23	337.22	328.72
GS-3	322.37	322.81	323.82	325.46	332.27	350.50	394.08	540.79	656.22	719.05	695.80	688.33
LP-4	304.50	304.09	310.48	307.10	319.23	333.80	365.46	449.28	478.64	493.98	480.89	478.79
LP-5	101.77	101.72	103.15	103.54	104.23	104.63	113.38	139.60	156.33	157.64	162.63	161.68
LP-6	367.58	359.37	363.02	345.94	351.24	378.17	354.64	418.67	445.41	396.58	422.67	460.07
RESALE 12 KV	20.92	20.01	19.85	20.02	20.44	22.69	27.26	31.80	33.42	33.59	33.47	32.82
RESALE 66 KV	46.16	45.15	45.09	45.55	46.52	50.63	62.26	74.18	77.04	76.52	75.35	71.40
UGI	55.00	50.00	48.00	51.00	52.00	60.00	73.00	95.00	95.00	95.00	92.00	86.00
COMPANY USE	14.10	14.29	15.11	15.64	16.03	17.55	20.55	27.14	29.53	30.55	30.96	30.75
SL/AL	33.57	33.57	33.57	33.57	33.57	33.57	0.00	0.00	0.00	0.00	0.00	0.00
SYSTEM TOTAL	2976.00	2899.00	2939.00	2905.00	3035.00	3196.00	3595.00	4247.00	4407.00	4365.00	4236.00	4172.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1500.18	1425.45	1453.09	1518.86	1770.32	1979.37	1969.39	1903.39	1856.87	1782.36	1612.37	1378.13
GS-1	265.96	275.91	276.82	269.07	265.28	256.64	247.67	244.28	231.01	205.27	180.22	163.59
GH	311.25	317.01	308.32	285.08	261.12	251.67	243.33	240.31	227.70	220.24	205.59	192.31
GS-3	643.19	679.94	658.80	605.55	542.06	518.16	498.40	498.33	463.35	446.87	408.33	372.32
LP-4	466.04	480.30	467.40	439.69	414.58	413.09	399.17	394.90	383.49	383.08	358.63	339.74
LP-5	158.79	160.56	157.10	146.89	142.95	138.72	136.40	135.16	132.16	127.86	118.85	112.49
LP-6	412.55	427.90	410.68	428.68	440.55	436.99	401.05	439.32	432.63	412.97	410.64	407.45
RESALE 12 KV	31.08	31.02	30.64	30.56	32.36	34.66	33.90	33.08	31.96	30.70	27.91	24.29
RESALE 66 KV	68.76	68.55	67.42	65.25	67.35	70.63	68.54	66.52	64.61	59.77	54.92	48.82
UGI	83.00	82.00	78.00	79.00	85.00	97.00	90.00	91.00	86.00	80.00	65.00	51.00
COMPANY USE	29.21	30.36	28.72	26.36	24.43	23.51	22.58	22.14	21.65	21.32	20.97	20.30
SL/AL	0.00	0.00	0.00	0.00	0.00	33.57	33.57	33.57	33.57	33.57	33.57	33.57
SYSTEM TOTAL	3970.00	3979.00	3937.00	3895.00	4046.00	4254.00	4144.00	4102.00	3965.00	3804.00	3497.00	3144.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982
December 21, 1981

Attachment IV-C-11 (c)
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PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR JAN 11, 1982

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	1757.22	1722.41	1729.79	1744.32	1768.93	1882.22	2211.33	2369.60	2216.35	2195.92	2185.80	2124.48
GS-1	176.18	169.29	163.13	162.62	164.49	164.96	176.52	219.63	266.90	312.45	315.40	301.48
GH	300.91	299.74	295.75	300.65	310.49	325.09	359.19	405.78	426.08	428.11	423.16	406.60
GS-3	373.44	369.20	362.82	367.36	374.60	384.85	456.72	594.03	710.96	769.61	785.97	772.44
LP-4	340.86	340.47	336.46	339.27	349.31	363.76	412.59	484.37	514.85	524.84	539.51	533.66
LP-5	114.76	115.93	118.21	120.16	121.49	125.75	137.32	165.68	185.19	189.67	197.39	194.53
LP-6	427.55	455.32	434.22	397.93	411.31	419.13	418.70	489.73	433.73	437.78	472.43	433.28
RESALE 12 KV	24.53	23.85	23.47	23.65	24.13	26.21	30.74	34.87	36.22	37.24	38.02	37.81
RESALE 66 KV	61.31	59.91	60.20	60.50	61.44	64.64	74.05	85.30	89.38	89.78	90.91	90.88
UGI	67.00	61.00	61.00	66.00	72.00	90.00	93.00	104.00	109.00	111.00	111.00	109.00
COMPANY USE	21.43	22.06	23.13	23.72	24.99	25.56	29.77	38.95	43.27	47.53	47.35	47.77
SL/AL	33.82	33.82	33.82	33.82	33.82	33.82	0.07	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL	3699.00	3673.00	3642.00	3640.00	3717.00	3906.00	4400.00	4992.00	5032.00	5144.00	5207.00	5052.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	2093.60	1934.36	1908.35	1973.10	2282.68	2403.14	2386.21	2367.75	2286.16	2170.72	1975.86	1777.13
GS-1	291.96	306.35	308.32	306.32	287.89	278.02	266.01	264.57	253.28	226.17	210.31	197.35
GH	398.88	396.33	395.22	372.19	345.79	339.73	330.71	329.81	317.69	305.64	290.61	279.57
GS-3	741.89	779.10	772.55	699.66	628.09	600.52	577.30	566.69	533.27	486.57	472.95	441.55
LP-4	525.51	546.32	538.93	514.52	484.28	477.59	468.35	463.01	453.17	436.34	421.81	404.14
LP-5	192.10	192.21	186.03	179.40	175.81	168.98	168.03	164.16	163.54	156.56	149.51	147.57
LP-6	430.37	460.08	483.37	443.76	439.70	468.87	449.17	451.48	487.19	452.00	414.45	410.52
RESALE 12 KV	36.65	36.26	35.79	35.20	36.94	38.48	37.57	36.90	35.61	33.88	31.30	28.24
RESALE 66 KV	89.29	86.90	85.56	83.05	83.88	86.25	84.69	83.20	81.21	75.56	70.27	64.27
UGI	105.00	111.00	110.00	109.00	112.00	119.00	119.00	116.00	111.00	101.00	94.00	88.00
COMPANY USE	46.67	48.03	46.81	38.73	35.87	34.60	34.13	34.60	32.05	30.73	34.11	33.84
SL/AL	0.07	0.07	0.07	0.07	0.07	33.82	33.82	33.82	33.82	33.82	33.82	33.82
SYSTEM TOTAL	4952.00	4897.00	4871.00	4755.00	4913.00	5049.00	4955.00	4912.00	4788.00	4509.00	4199.00	3906.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

January 11, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR FEB 11, 1982

RATE CLASS GROUPS	HOUR:	100	200	300	400	500	600	700	800	900	1000	1100	1200
RS		1334.49	1288.89	1281.77	1287.23	1317.13	1438.68	1794.81	1914.38	1763.40	1606.28	1492.43	1404.33
GS-1		158.18	152.86	143.63	142.62	143.55	143.93	152.80	187.29	241.24	276.51	290.16	288.96
GH		201.92	202.07	201.91	207.75	214.42	242.20	280.56	327.54	342.40	341.93	329.62	314.32
GS-3		346.04	339.86	336.31	336.79	340.40	354.97	410.24	541.64	643.10	693.71	704.60	694.23
LP-4		336.45	330.45	322.46	320.87	326.75	342.74	379.13	453.72	470.72	489.14	491.87	489.13
LP-5		145.58	144.31	143.71	141.87	143.65	145.97	155.40	178.43	192.38	194.63	200.83	195.90
LP-6		418.57	457.37	426.99	433.47	451.55	434.60	413.14	457.08	467.88	457.67	502.94	461.62
RESALE 12 KV		21.73	20.72	20.21	20.04	20.41	22.03	26.28	30.08	31.00	31.04	30.70	30.46
RESALE 66 KV		48.04	46.77	46.33	46.12	46.95	50.97	61.32	73.51	75.16	74.62	72.07	69.53
UGI		47.00	42.00	42.00	44.00	44.00	54.00	65.00	80.00	85.00	83.00	81.00	76.00
COMPANY USE		27.19	25.91	26.90	26.45	27.40	29.13	33.26	39.26	42.66	43.40	43.71	43.44
SL/AL		33.78	33.78	33.78	33.78	33.78	33.78	0.07	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL		3119.00	3085.00	3026.00	3041.00	3110.00	3293.00	3772.00	4283.00	4355.00	4292.00	4240.00	4068.00

RATE CLASS GROUPS	HOUR:	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS		1349.53	1231.70	1212.79	1275.02	1467.42	1700.83	1792.24	1761.39	1728.74	1677.43	1572.29	1396.49
GS-1		264.43	267.95	255.14	248.64	231.36	205.00	221.00	226.21	219.49	193.97	174.69	167.46
GH		303.43	299.00	281.04	252.44	230.22	223.84	228.98	231.20	229.60	218.73	201.11	197.08
GS-3		663.03	676.74	643.12	581.92	511.28	470.67	489.46	487.04	465.55	433.79	400.06	372.76
LP-4		479.48	491.56	470.36	446.81	418.14	398.51	406.37	405.89	400.89	383.75	366.61	349.19
LP-5		193.99	193.71	188.68	184.27	177.72	171.42	175.36	172.39	171.07	159.81	147.75	144.06
LP-6		456.27	469.03	455.99	459.72	471.50	481.51	421.36	455.38	476.28	460.35	466.67	438.39
RESALE 12 KV		28.95	28.41	27.55	26.86	27.58	29.65	30.87	30.34	29.55	28.33	26.43	23.71
RESALE 66 KV		65.82	64.14	62.13	59.00	59.81	63.54	66.53	65.89	64.28	61.07	57.59	51.88
UGI		71.00	66.00	58.00	60.00	63.00	69.00	77.00	74.00	69.00	65.00	59.00	54.00
COMPANY USE		42.01	41.69	39.13	35.26	33.92	33.25	33.06	32.49	31.77	30.99	30.02	29.20
SL/AL		0.07	0.07	0.07	0.07	0.07	33.78	33.78	33.78	33.78	33.78	33.78	33.78
SYSTEM TOTAL		3918.00	3830.00	3694.00	3630.00	3692.00	3881.00	3976.00	3976.00	3920.00	3747.00	3536.00	3258.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

February 11, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR MAR 4, 1982

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	1162.47	1133.37	1140.16	1146.60	1175.23	1279.53	1569.74	1689.04	1580.57	1492.67	1527.54	1470.03
GS-1	154.17	150.43	148.25	149.46	147.19	147.82	152.18	181.35	237.22	279.33	284.77	289.48
GH	180.07	178.99	182.19	185.29	189.65	212.77	254.39	309.24	333.64	338.49	326.76	325.22
GS-3	379.61	380.08	376.94	377.80	376.47	390.70	450.34	595.08	694.51	748.02	749.74	752.80
LP-4	359.07	352.43	347.87	343.95	343.50	361.63	405.73	493.67	525.47	532.65	527.17	538.54
LP-5	139.98	138.98	140.41	137.85	138.99	136.80	143.06	176.18	190.80	193.05	199.89	193.36
LP-6	389.29	404.29	354.64	369.17	373.55	354.37	355.82	395.59	450.18	405.94	452.95	442.82
RESALE 12 KV	20.55	19.70	19.23	19.30	19.73	21.40	25.47	29.43	30.87	31.80	31.59	31.86
RESALE 66 KV	44.40	43.48	43.55	43.59	44.15	47.63	58.20	70.15	73.00	73.69	74.25	73.48
UGI	58.00	50.00	51.00	53.00	56.00	67.00	73.00	90.00	95.00	97.00	96.00	94.00
COMPANY USE	32.65	31.51	31.03	31.26	31.79	33.62	37.33	45.21	48.66	50.31	51.27	50.36
SL/AL	33.74	33.74	33.74	33.74	33.74	33.74	33.74	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL	2954.00	2917.00	2869.00	2891.00	2930.00	3087.00	3559.00	4075.00	4260.00	4243.00	4322.00	4262.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1438.26	1381.08	1348.19	1499.95	1676.79	1820.46	1782.44	1774.43	1690.22	1547.59	1380.08	1206.64
GS-1	280.45	273.85	278.60	265.87	246.88	210.98	213.06	220.01	211.83	190.99	172.24	158.42
GH	324.51	322.33	310.14	274.35	248.89	231.88	219.28	220.59	205.80	195.83	179.24	165.38
GS-3	734.25	754.18	734.29	646.06	585.56	542.31	527.31	528.01	507.85	470.22	428.28	386.96
LP-4	531.77	544.70	532.60	489.59	458.78	441.60	425.22	429.97	423.90	412.40	390.58	356.56
LP-5	193.78	195.24	191.88	188.34	183.37	180.29	174.45	170.56	169.77	162.35	148.66	143.82
LP-6	410.91	423.55	448.62	428.32	414.45	418.20	403.25	401.90	454.85	427.12	361.22	426.05
RESALE 12 KV	31.04	30.95	30.47	30.27	31.41	31.24	31.22	30.67	29.48	27.39	24.68	21.52
RESALE 66 KV	70.84	70.14	68.87	66.56	67.38	67.57	67.28	65.88	63.50	58.98	53.71	47.69
UGI	91.00	90.00	85.00	86.00	91.00	80.00	72.00	72.00	64.00	57.00	43.00	31.00
COMPANY USE	48.11	49.90	48.28	43.63	41.42	39.41	38.76	38.25	37.06	35.40	34.58	33.21
SL/AL	0.07	0.07	0.07	0.07	0.07	0.07	33.74	33.74	33.74	33.74	33.74	33.74
SYSTEM TOTAL	4155.00	4136.00	4077.00	4019.00	4046.00	4064.00	3988.00	3986.00	3892.00	3619.00	3250.00	3011.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

March 4, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR APR 7, 1982

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	1245.61	1214.46	1228.61	1216.65	1298.55	1370.05	1601.45	1711.34	1574.47	1519.05	1480.30	1441.60
GS-1	134.27	131.30	128.19	126.38	129.78	131.54	132.90	163.60	206.63	236.77	244.49	243.17
GH	161.42	162.10	165.95	167.88	177.27	192.82	214.36	250.82	267.02	263.02	255.59	244.98
GS-3	341.19	334.57	332.48	330.22	344.67	358.66	407.12	550.10	650.15	692.07	710.08	695.12
LP-4	326.67	322.04	321.83	318.93	333.99	353.26	390.60	474.65	507.17	512.72	517.69	512.65
LP-5	154.95	154.45	157.68	154.86	161.54	161.49	169.27	202.31	217.40	222.54	228.99	225.62
LP-6	515.75	492.75	504.30	495.26	485.50	516.62	482.53	497.81	548.25	525.36	547.48	544.63
RESALE 12 KV	20.93	20.06	19.89	19.72	20.82	22.44	25.59	29.71	31.30	32.19	32.40	32.32
RESALE 66 KV	45.81	44.72	44.96	44.43	46.94	50.23	58.93	69.52	70.21	70.91	71.60	70.09
UGI	40.00	37.00	36.00	38.00	40.00	46.00	61.00	73.00	79.00	77.00	75.00	72.00
COMPANY USE	23.23	22.61	22.85	22.74	24.13	24.95	26.49	33.04	35.23	36.33	37.30	36.72
SL/AL	33.67	33.53	33.83	33.51	33.50	33.50	33.50	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL	3044.00	2970.00	2997.00	2969.00	3097.00	3262.00	3604.00	4056.00	4187.00	4188.00	4201.00	4119.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1357.38	1270.07	1223.72	1267.99	1441.65	1550.18	1607.28	1661.74	1619.56	1531.48	1415.31	1245.57
GS-1	232.59	234.59	232.70	222.18	204.08	167.31	181.04	196.30	185.52	166.33	153.39	144.80
GH	239.03	230.21	220.25	195.15	174.78	157.17	158.57	169.49	164.68	155.72	151.83	146.83
GS-3	676.19	693.96	672.74	588.90	520.99	462.17	477.35	506.29	493.24	450.22	416.27	383.92
LP-4	505.94	510.92	499.59	464.14	437.67	408.19	408.96	429.35	424.09	411.98	399.37	380.61
LP-5	223.48	226.82	223.09	212.03	207.95	200.31	200.11	202.79	204.62	196.19	189.54	187.71
LP-6	542.39	568.21	549.55	540.33	546.43	531.84	536.55	557.67	572.04	564.34	518.11	536.84
RESALE 12 KV	30.78	30.72	29.92	28.78	29.28	28.53	29.80	31.08	30.29	28.58	26.68	23.87
RESALE 66 KV	66.28	65.30	63.66	59.91	60.04	58.77	61.21	63.56	62.14	58.10	54.28	49.17
UGI	68.00	65.00	60.00	60.00	59.00	59.00	67.00	71.00	71.00	65.00	54.00	55.00
COMPANY USE	34.83	36.04	34.66	31.43	29.90	28.30	28.44	29.39	29.19	28.55	28.50	27.88
SL/AL	0.07	0.07	0.07	0.07	0.07	0.07	33.50	34.09	34.36	34.18	33.50	33.50
SYSTEM TOTAL	3977.00	3932.00	3810.00	3671.00	3712.00	3652.00	3790.00	3953.00	3891.00	3691.00	3441.00	3216.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

April 7, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR MAY 24, 1982

RATE CLASS GROUPS	HOUR:	100	200	300	400	500	600	700	800	900	1000	1100	1200
RS		590.92	529.48	497.40	501.57	509.80	598.49	843.55	962.04	895.61	922.45	933.20	915.36
GS-1		96.36	92.11	87.03	89.36	90.59	90.97	94.48	130.05	177.65	197.30	218.89	218.63
GH		69.73	67.70	66.35	69.07	70.29	77.43	94.71	140.94	181.97	192.25	199.59	193.92
GS-3		247.33	246.78	239.89	247.48	247.93	263.30	316.38	476.43	598.25	628.92	662.78	640.63
LP-4		259.68	260.34	257.55	265.66	271.32	297.21	345.80	445.03	482.97	483.35	499.48	482.09
LP-5		100.00	103.25	103.65	103.97	108.17	114.26	127.50	159.25	174.33	175.47	180.09	177.74
LP-6		408.46	420.17	431.08	411.95	417.79	412.09	461.70	485.11	490.40	490.52	489.19	495.73
RESALE 12 KV		13.39	12.78	12.33	12.23	12.73	14.15	17.05	22.00	24.82	26.24	26.70	26.70
RESALE 66 KV		23.58	22.68	21.95	21.76	22.69	25.40	33.40	44.59	49.25	51.49	52.50	52.21
UGI		11.00	3.00	4.00	5.00	5.00	7.00	23.00	36.00	44.00	47.00	50.00	51.00
COMPANY USE		11.85	12.00	12.05	12.26	12.91	13.74	17.20	23.41	25.66	26.92	28.50	27.89
SL/AL		33.50	33.50	33.50	33.50	33.61	33.81	0.07	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL		1866.00	1804.00	1767.00	1774.00	1803.00	1948.00	2375.00	2925.00	3145.00	3242.00	3341.00	3282.00

RATE CLASS GROUPS	HOUR:	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS		927.07	876.56	837.01	900.04	1078.59	1158.98	1084.39	1065.41	1079.83	1097.22	958.72	706.82
GS-1		213.73	221.09	219.02	206.72	190.28	156.14	146.91	159.68	162.13	144.56	124.02	114.04
GH		197.79	200.15	194.37	178.69	160.96	142.24	134.65	129.02	115.93	101.74	88.25	78.26
GS-3		636.61	656.23	634.19	574.03	503.13	433.20	420.66	425.18	415.85	378.79	340.38	308.92
LP-4		482.95	500.71	485.83	464.42	438.53	409.72	409.26	402.03	380.14	366.55	344.47	320.37
LP-5		178.44	180.11	175.58	165.05	162.94	155.16	154.91	153.67	151.37	145.61	137.14	128.32
LP-6		497.37	494.82	464.21	474.00	486.63	456.43	466.59	474.65	461.87	448.40	441.25	446.09
RESALE 12 KV		26.55	26.53	26.05	25.30	25.49	23.97	22.45	22.60	23.25	23.10	20.80	17.34
RESALE 66 KV		51.50	50.04	50.44	47.28	47.13	44.32	42.21	42.77	42.92	40.96	35.92	30.34
UGI		43.00	39.00	38.00	33.00	33.00	32.00	33.00	27.00	32.00	30.00	20.00	14.00
COMPANY USE		26.91	27.69	26.25	24.36	23.19	21.72	20.82	20.85	20.13	19.48	18.45	17.85
SL/AL		0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	33.50	33.50	33.50	33.50
SYSTEM TOTAL		3282.00	3273.00	3151.00	3093.00	3150.00	3034.00	2936.00	2923.00	2919.00	2830.00	2563.00	2216.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

May 24, 1982

PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR JUN 28, 1982

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	663.87	578.94	552.35	532.34	508.22	587.23	764.15	874.48	911.80	964.78	1026.97	1090.28
GS-1	100.20	91.71	90.72	87.37	88.77	87.16	91.78	120.59	171.28	210.13	228.75	233.74
GH	56.07	53.63	54.34	54.36	55.41	58.05	70.48	95.44	123.27	138.45	146.60	148.90
GS-3	280.76	266.04	271.54	267.28	276.70	285.93	341.58	481.50	599.78	653.75	688.95	690.01
LP-4	256.24	249.91	255.57	255.49	263.41	283.88	324.15	393.76	439.43	459.67	479.21	472.38
LP-5	111.60	110.70	113.54	112.29	114.05	120.06	129.50	158.06	172.56	177.36	182.55	180.95
LP-6	364.39	365.58	375.43	354.15	355.74	388.53	371.03	416.30	447.78	445.00	448.83	452.13
RESALE 12 KV	13.33	12.63	12.54	12.14	12.14	13.26	15.42	19.32	22.58	24.74	26.08	26.68
RESALE 66 KV	27.88	25.72	25.32	25.33	25.37	27.93	33.49	42.34	49.87	54.98	57.70	58.77
UGI	2.00	0.00	0.00	0.00	0.00	0.00	4.00	16.00	27.00	34.00	41.00	45.00
COMPANY USE	18.50	17.91	18.36	18.31	19.31	20.73	23.39	29.69	33.22	34.99	36.38	36.05
SL/AL	33.50	33.50	33.50	33.50	33.50	33.50	0.07	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL	1930.00	1808.00	1805.00	1754.00	1754.00	1908.00	2170.00	2648.00	2999.00	3198.00	3363.00	3435.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1124.43	1075.82	1098.73	1160.15	1301.22	1389.09	1342.53	1257.87	1250.52	1291.50	1204.45	947.11
GS-1	232.90	242.36	235.32	228.27	221.23	187.28	171.34	165.35	176.08	167.43	149.56	133.32
GH	151.50	151.08	152.29	150.09	135.68	121.42	112.93	107.90	103.94	90.41	80.50	70.94
GS-3	678.10	694.32	688.33	648.23	561.57	493.61	472.46	463.54	471.65	431.13	393.20	347.05
LP-4	476.10	479.53	475.71	463.69	425.75	403.96	396.24	385.12	390.35	365.07	341.13	311.08
LP-5	183.50	186.15	181.48	175.88	168.48	163.64	160.65	155.54	158.92	148.53	139.45	128.70
LP-6	456.10	464.87	469.02	476.49	458.16	455.83	436.41	440.67	449.80	433.80	405.59	410.49
RESALE 12 KV	26.90	26.81	26.80	26.70	26.61	25.80	24.10	23.16	23.74	24.16	22.67	19.13
RESALE 66 KV	59.10	59.13	59.41	59.00	57.86	56.08	53.16	50.62	50.79	49.25	44.86	37.69
UGI	43.00	44.00	45.00	44.00	44.00	44.00	35.00	35.00	36.00	34.00	27.00	18.00
COMPANY USE	35.30	35.81	34.48	32.68	30.60	30.27	29.40	29.14	29.09	26.99	25.75	23.26
SL/AL	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	33.50	33.71	33.50
SYSTEM TOTAL	3467.00	3460.00	3467.00	3466.00	3432.00	3372.00	3235.00	3115.00	3142.00	3097.00	2869.00	2482.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

June 28, 1982

Attachment IV-G-11 (c)
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PENNSYLVANIA POWER & LIGHT COMPANY
24 HOUR LOAD CURVE - DAY OF MONTHLY SYSTEM PEAK
HOURLY LOAD IN MW - BY RATE CLASS AT GENERATION LEVEL
YEAR ENDED JULY, 1982

REPORT FOR JUL 19, 1982

RATE CLASS GROUPS	HOUR: 100	200	300	400	500	600	700	800	900	1000	1100	1200
RS	921.00	832.37	771.08	747.46	724.27	779.13	897.10	975.63	1050.74	1182.10	1240.07	1313.05
GS-1	102.74	99.56	92.80	89.93	88.78	88.08	93.43	128.18	174.19	204.59	221.24	220.52
GH	67.88	67.45	64.57	63.73	63.65	68.44	86.24	114.49	139.44	152.75	163.31	161.30
GS-3	298.59	294.92	289.13	284.77	286.15	307.77	371.17	527.38	639.58	682.01	723.65	713.27
LP-4	294.17	296.01	290.49	290.60	298.25	317.11	377.02	452.71	501.40	516.09	538.69	531.11
LP-5	113.94	114.52	115.00	114.82	117.04	122.70	136.82	168.28	191.75	196.64	206.60	201.28
LP-6	413.61	400.01	400.19	401.14	409.95	406.00	407.34	481.89	519.30	519.34	530.79	524.63
RESALE 12 KV	17.21	16.01	15.40	14.92	14.87	16.06	17.77	21.55	25.39	27.69	29.34	29.94
RESALE 66 KV	33.05	30.92	29.70	28.94	28.91	31.45	36.61	46.63	55.01	59.74	63.27	63.67
UGI	9.00	3.00	3.00	0.00	0.00	0.00	3.00	17.00	29.00	38.00	44.00	48.00
COMPANY USE	13.83	13.91	14.30	14.38	14.88	16.47	19.47	26.03	30.44	32.01	33.67	33.02
SL/AL	33.50	33.50	33.50	33.50	33.50	33.63	0.07	0.07	0.07	0.07	0.07	0.07
SYSTEM TOTAL	2316.00	2200.00	2117.00	2082.00	2078.00	2185.00	2445.00	2959.00	3356.00	3611.00	3795.00	3840.00

RATE CLASS GROUPS	HOUR: 1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
RS	1322.91	1283.96	1314.17	1383.59	1534.83	1583.26	1540.88	1396.18	1334.26	1463.39	1252.97	1015.39
GS-1	221.42	229.69	227.12	220.20	193.57	161.92	156.00	156.88	161.82	165.60	140.68	130.17
GH	165.29	173.59	169.45	159.95	141.15	122.94	119.59	115.43	107.19	101.17	86.82	78.51
GS-3	713.75	757.96	734.76	670.57	575.53	494.50	481.38	485.62	485.95	479.99	425.09	389.86
LP-4	541.69	568.07	548.46	524.27	481.02	451.09	451.71	447.11	440.04	452.01	408.74	385.84
LP-5	202.61	207.09	201.32	192.74	186.86	179.15	182.24	179.56	178.29	181.03	163.17	157.47
LP-6	529.72	545.67	514.36	519.42	520.63	489.55	496.93	500.20	498.84	537.18	507.85	472.49
RESALE 12 KV	29.90	30.30	30.01	29.46	29.54	28.15	27.17	25.93	25.62	27.71	24.83	21.67
RESALE 66 KV	63.36	65.00	64.54	62.73	62.09	59.10	56.56	53.36	53.04	54.05	46.94	40.73
UGI	47.00	50.00	49.00	47.00	47.00	46.00	40.00	35.00	34.00	33.00	28.00	24.00
COMPANY USE	32.20	33.60	32.39	30.27	28.33	26.64	25.84	25.25	25.11	25.71	23.13	21.65
SL/AL	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	33.50	33.50	33.50	33.50
SYSTEM TOTAL	3870.00	3945.00	3886.00	3840.00	3800.00	3642.00	3578.00	3420.00	3377.00	3553.00	3140.00	2770.00

Pennsylvania Power & Light Company
Breakdown of System Load by Rate Class
Day of Monthly System Peak - Hourly MW
Year Ended July 31, 1982

July 19, 1982

PENNSYLVANIA POWER & LIGHT COMPANY

CUSTOMER CLASS DESIGNATIONS

Residential Total	RS
Small General Service	GS-1
Large General Service - Secondary	GS-3
Large General Service - 12 kV	LP-4
Large General Service - 66 kV	LP-5
Large General Service - 66 kV 10 MW Min	LP-6
Commercial & Industrial Heating	GH
Street & Area Lighting	SL/AL
Resale 12 kV	RES12
Resale 66 kV	RES66
UGI - Luzerne Div.	UGI
Company Use	COUSE
Interdepartmental	INTDP

Pennsylvania Power & Light Company
Net Interconnection Load for Monthly Peak Days - MW 1/
Year Ended July 31, 1982

	AUG 11 1981	SEPT 14 1981	OCT 20 1981	NOV 24 1981	DEC 21 1981	JAN 11 1982
1 AM	-1626	-888	-69	-671	-264	1022
2	-1552	-757	-261	-834	-202	752
3	-1578	-806	-275	-810	-90	924
4	-1359	-767	-424	-837	-93	879
5	-1215	-764	-428	-790	-56	653
6	-1100	-911	-473	-645	-129	782
7	-1110	-815	-296	-182	66	1074
8	-1137	-782	27	125	453	1238
9	-1555	-574	9	-125	377	1092
10	-1456	-427	30	-99	190	960
11	-1342	-421	-3	-129	176	787
12	-1204	-331	-84	-276	48	526
1 PM	-1174	-312	-34	-313	-133	362
2	-1162	-257	-66	-337	109	182
3	-1191	-268	-152	-436	665	194
4	-1179	-443	-130	-386	251	92
5	-1145	-445	-102	-286	-38	34
6	-1269	-614	-112	-222	57	61
7	-1406	-936	-28	-209	11	-72
8	-1387	-939	-63	-338	-70	-163
9	-1368	-864	-84	-359	-190	-84
10	-1497	-1048	-183	-428	-225	527
11	-1591	-1253	-208	-634	-336	427
12	-1317	-1164	-114	-598	-446	7
Total Net	-31920	-16786	-3523	-9819	131	12256
Total Sales	-31920	-16786	-3589	-9944	-2272	-319
Total Purchases	0	0	66	125	2403	12575

1/ A negative number indicates sales to the Interconnection; all other numbers indicate purchases from the Interconnection.

Pennsylvania Power & Light Company
Net Interconnection Load for Monthly Peak Days - MW 1/
Year Ended July 31, 1982

	FEB 11 1982	MAR 4 1982	APR 7 1982	MAY 24 1982	JUNE 28 1982	JULY 19 1982
1 AM	-480	-1704	-1693	203	-1277	-838
2	-579	-1731	-1685	235	-1195	-495
3	-645	-1641	-1564	228	-1139	-242
4	-578	-1591	-1405	251	-1038	-194
5	-614	-1476	-1381	187	-996	-237
6	-764	-1465	-1219	73	-1015	-92
7	-850	-1242	-1110	129	-1034	119
8	-740	-1228	-755	62	-1058	10
9	-611	-1316	-624	-337	-1408	-150
10	-589	-1306	-607	-536	-1932	-44
11	-572	-1284	-588	-489	-1965	84
12	-735	-1281	-640	-621	-1904	-5
1 PM	-794	-1353	-751	-854	-1916	-152
2	-767	-1333	-223	-873	-1877	-101
3	-868	-1331	-452	-831	-1835	-486
4	-1028	-1249	-824	-910	-1836	-849
5	-671	-1102	-1028	-1073	-1879	-1037
6	-376	-1438	-1077	-1068	-1926	-1200
7	-374	-1515	-928	-581	-2072	-984
8	-376	-1541	-820	-390	-2169	-712
9	-418	-1642	-902	-660	-2135	-785
10	-154	-1803	-1066	-533	-2117	-961
11	-30	-1619	-1324	-374	-2124	-1048
12	51	-1231	-1505	-424	-1786	-812
Total Net	-13562	-34422	-24171	-9186	-39633	-11211
Total Sales	-13613	-34422	-24171	-10554	-39633	-11424
Total Purchases	51	0	0	1368	0	213

1/ A negative number indicates sales to the Interconnection; all other numbers indicate purchases from the Interconnection.

Pennsylvania Power & Light Company
Purchases from Safe Harbor for Monthly Peak Days - MW 1/
Year Ended July 31, 1982

	AUG 11 1981	SEPT 14 1981	OCT 20 1981	NOV 24 1981	DEC 21 1981	JAN 11 1982
1 AM	3	4	3	24	3	5
2	3	3	3	16	3	6
3	3	2	3	15	3	6
4	3	4	2	16	2	6
5	4	3	3	16	3	23
6	3	2	3	24	3	40
7	3	2	3	37	3	42
8	3	3	13	48	15	57
9	2	3	40	58	38	55
10	3	7	42	58	40	56
11	18	25	50	60	39	57
12	32	33	33	60	23	56
1 PM	32	51	15	59	8	38
2	33	49	15	59	8	23
3	32	49	16	60	8	7
4	32	51	3	58	8	5
5	32	43	2	62	25	6
6	32	31	2	72	58	32
7	24	28	14	65	55	33
8	3	8	24	54	6	33
9	2	4	2	56	1	10
10	3	3	2	48	1	3
11	2	3	3	42	3	2
12	2	4	2	35	2	5
Total Net	309	415	298	1102	358	606

1/ A negative number indicates that PP&L supplies Safe Harbor.

Pennsylvania Power & Light Company
Purchases from Safe Harbor for Monthly Peak Days - MW 1/
Year Ended July 31, 1982

	FEB 11 1982	MAR 4 1982	APR 7 1982	MAY 24 1982	JUNE 28 1982	JULY 19 1982
1 AM	35	16	75	3	32	3
2	34	18	76	4	24	4
3	34	14	75	4	16	3
4	35	15	75	4	17	4
5	39	15	76	3	15	4
6	44	15	75	3	25	3
7	57	31	75	3	31	3
8	61	40	75	23	32	3
9	69	41	76	34	33	3
10	68	42	75	42	48	11
11	67	42	76	41	50	17
12	65	42	75	49	50	16
1 PM	57	44	75	40	50	16
2	58	55	75	50	51	25
3	41	66	75	50	55	50
4	40	67	75	50	42	48
5	61	67	75	41	40	50
6	65	66	76	31	41	48
7	65	65	75	25	33	17
8	65	64	76	1	32	17
9	65	50	76	2	42	13
10	55	40	76	2	40	3
11	56	40	76	3	32	3
12	58	31	81	5	31	5
Total Net	1294	986	1815	513	862	369

1/ A negative number indicates that PP&L supplies Safe Harbor.

Q. 12. Provide a schedule for the test year showing reactive supply, reactive and active demand and installed reactive capacity at time of summer and winter reactive peaks. For the supply portion, break out on a percentage basis the reactive supply attributable to generation, interchange, line charging (supply voltages and line identification), synchronous condensers, and static capacitors (switched and fixed). In a similar manner, break out the static capacitor (switched and fixed), synchronous condenser, line charging, and reserve generator capability for installed reactive capacity.

A. 12. The requested information for the years ending July 31, 1982, and July 31, 1983 is provided in Attachment IV-C-12.

PENNSYLVANIA POWER & LIGHT COMPANY
ACTIVE AND REACTIVE SUPPLY AND DEMAND AT THE TIME OF
SUMMER AND WINTER PEAKS (1)
FOR YEAR ENDING 7/31/82

	1/11/82 (2)			7/19/82 (3)		
	MW (4)	MVAR	% (5)	MW (4)	MVAR	% (5)
Generation on System Side of Transformer (6)	4203	288		3556	419	
Station Service and Unit Transformer Losses	212	545		255	613	
Gross Generation	4415	833	21.0	3811	1032	25.5
Interchange (Positive Indicates Imports)	808	-103	-2.5	193	-136	-3.3
Transmission Line Charging		636	16.0		636	15.7
66 & 138 kv Capacitors (10)		822	20.7		812	20.1
12.47 kv Capacitors - Switched (7)		1195	30.1		1115	27.6
- Fixed		582	14.7		582	14.4
Total Gross Load (8)	5223	3965(9)	100.0	4004	4041(9)	100.0

(1) It is assumed the reactive peak occurs at the same time as the MW peak.
(2) Data collected at 11:01 A.M. Actual MWH peak occurred 10:00 - 11:00 A.M.
(3) Data collected at 11:04 A.M. Actual recorded summer instantaneous peak.
(4) Difference between MW listed and actual peak MWH due to time differences in collecting data, the use of instantaneous MW values instead of integrated MWH, and the use of gross generation instead of net.
(5) Percentages are calculated by summing the gross generation MVAR, interchange MVAR, transmission line charging MVAR, and 138 kv, 66 kv and 12.47 kv capacitor MVAR, and then dividing each MVAR amount by the sum and multiplying the result by 100.
(6) PL share of Keystone and Conemaugh generation are not included. The interchange is adjusted accordingly. The reactive contribution of these generators is negligible due to losses in transmission to the PP&L system.
(7) The number of switched capacitors on at the time of peak load cannot be readily determined. Winter and Summer "switched on" percentages of 75 and 70, respectively, are assumed. Percentage differences are due to variations in load levels. Reductions account for units unavailable and lines not loaded to design levels at time of system peak.
(8) Gross load (including gross generation instead of net generation) is used for comparison compatibility with available reactive capacity listed on Page 2.
(9) PP&L average system reactive losses are estimated to be about 45% of the net reactive supplied to the system (total gross reactive output less the station service and unit transformer losses), indicating about 55% serves actual customer reactive loads. This customer reactive requirement corresponds to about 50% of the total gross reactive output.
(10) 94% in-service on 1/11, 93% in-service on 7/19.

PENNSYLVANIA POWER & LIGHT COMPANY
INSTALLED REACTIVE CAPACITY
AS OF 7/82

	MVAR
Gross Generator Capability at Nameplate Rating	3139
Transmission Line Charging	636
66 and 138 kv Capacitors - Switched	873
- Emergency Use Only	83
12.47 kv Capacitors - Switched	1595
- Fixed	582
Total	6908

PENNSYLVANIA POWER & LIGHT COMPANY
TRANSMISSION LINE CHARGING
AS OF 7/82

Line	MVAR
500 KV	
Alburtis-Branchburg (43%)	36.36
Conemaugh-Juniata (13%)	27.22
Juniata-Alburtis (30%)	45.71
Juniata-Three Mile Island (38%)	29.24
Keystone-Juniata (13%)	26.62
Susquehanna-Alburtis	138.25
Three Mile Island-Peach Bottom (27%)	19.38
	322.78
230 KV	
Alburtis-Hosensack	1.67
Berks-S. Reading	5.59
Brunner Island-Middletown Junction #1	1.72
Brunner Island-Middletown Junction #2	1.72
Brunner Island-S. Manheim	5.17
Brunner Island-W. Hempfield	3.96
Brunner Island-W. Shore	4.51
Brunner Island-Yorkana (5%)	.19
Bushkill-Blooming Grove	6.02
Buxmont-Whitpain (70%)	3.30
Columbia-Frackville	9.99
Cumberland-W. Shore	3.25
Elimsport-Lycoming #3	1.16
Hosensack-Buxmont	4.35
Hosensack-Quarry	7.87
Hosensack-Wescosville	2.62
Hummelstown-Middletown Junction #1	1.89
Hummelstown-Middletown Junction #2 (50%)	1.91
Hummelstown-N. Hershey (34%)	.99
Juniata-Cumberland	3.89
Juniata-Lewistown (4%)	.28
Juniata-Sunbury	13.93
Lackawanna-Peckville (13%)	.11
Lackawanna-Mountain	7.52
Manor-Conastone (78%)	4.79
Manor-Graceton (90%)	3.98
Manor-S. Akron	7.17
Martins Creek-Kittatinny (to river)	11.92
Martins Creek-Northwood	3.26
Martins Creek-Portland (50%)	1.54
Martins Creek-Quarry	6.01
Martins Creek-Siegfried #1	8.48
Martins Creek-Siegfried #2	7.47
Montour-Columbia	3.68
Montour-Lycoming	7.68
Montour-Mountain (65%)	8.91
Montour-Susquehanna	9.13
Peckville-Blooming Grove	7.95
Quarry-Northwood	3.13
S. Akron-Berks	6.38

Line	MVAR
S. Manheim-S. Akron	3.32
Siegfried-E. Palmerton	2.49
Siegfried-Frackville	11.03
Siegfried-Harwood	10.94
Stanton-Jenkins	2.50
Stanton-Lackawanna	3.91
Sunbury-Frackville	9.95
Sunbury-Lycoming	8.13
Sunbury-Montour	6.62
Sunbury-Susquehanna	12.05
Susquehanna-E. Palmerton	12.57
Susquehanna-Susq. Generator #1	.90
Susquehanna-Harwood	3.69
Susquehanna-Jenkins	7.27
Susquehanna-Stanton #1 (44%)	3.78
Susquehanna-Stanton #2	11.85
Susquehanna-Transf. 20-21	1.10
W. Hempfield-Manor	2.44
W. Shore-Steelton	3.82
	313.45
Total	636.23

Note: Percentage in parenthesis indicates PP&L line ownership if other than 100%. Reactive listed is for PP&L portion of lines.

PENNSYLVANIA POWER & LIGHT COMPANY
ACTIVE AND REACTIVE SUPPLY AND DEMAND AT THE TIME OF
SUMMER AND WINTER PEAKS (1)
FOR YEAR ENDING 7/31/83

	Winter 1982-83 (Projected) (2)			Summer 1983 (Projected) (2)		
	MW	MVAR	% (3)	MW	MVAR	% (3)
Generation on System Side of Unit Transformer (4)	5590	480		4975	570	
Station Service and Unit Transformer Losses	260	720		275	710	
Gross Generation	5850	1200	27.5	5250	1280	27.3
Interchange (Negative Indicates Export)	-630	-200	-4.6	-885	130	2.8
Transmission Line Charging		763	17.5		763	16.3
66 & 138 kv Capacitors (5)		785	18.0		785	16.7
12.47 kv Capacitors - Switched (6)		1220	28.0		1140	24.3
- Fixed		593	13.6		593	12.6
Total Gross Load (7)	5220	4361(8) (9)	100.0	4365	4691(8) (9)	100.0

(1) It is assumed the reactive peak occurs at the same time as the MW peak.
(2) Data estimated for projected peaks. Estimates based on 1981-1982 peak data, considering projected load growth and facility additions.
(3) Percentages are calculated by summing the gross generation MVAR, interchange MVAR, transmission line charging MVAR, and 138 and 66 kv and 12.47 kv capacitor MVAR, and then dividing each MVAR amount by the sum and multiplying the result by 100.
(4) PL share of Keystone and Conemaugh generation are not included. The interchange is adjusted accordingly. The reactive contribution of these generators is negligible due to losses in transmission to the PP&L system.
(5) Assumes typical 90% availability.
(6) The number of switched capacitors on at the time of peak load cannot be readily determined. Winter and summer "switched on" percentages of 75 and 70, respectively, are assumed. Percentage differences are due to variations in load levels. Reductions account for units unavailable and lines not loaded to design levels at time of system peak.
(7) Gross load (including gross generation instead of net generation) is used for comparison compatability with available reactive capacity listed on Page 6.
(8) Increased reactive load due to increased generation and increased transfers causing greater transformer and line losses.
(9) See note (9) on Page 1.

PENNSYLVANIA POWER & LIGHT COMPANY
INSTALLED REACTIVE CAPACITY
PROJECTED AS OF 7/83

	MVAR
Gross Generator Capability at Nameplate Rating	3697
Transmission Line Charging	763
66 and 138 kv Capacitors - Switched	873
- Emergency Use Only	83
12.47 kv Capacitors - Switched	1628
- Fixed	593
Total	7637

PENNSYLVANIA POWER & LIGHT COMPANY
TRANSMISSION LINE CHARGING
PROJECTED AS OF 7/83

LINE	MVAR
500 KV	
Alburtis-Branchburg (43%)	36.36
Conemaugh-Juniata (13%)	27.22
Juniata-Alburtis (30%)	45.71
Juniata-Sunbury	65.57
Juniata-Three Mile Island (38%)	29.24
Keystone-Juniata (13%)	26.62
Susquehanna-Alburtis	138.25
Susquehanna-Sunbury	75.56
Three Mile Island-Peach Bottom (27%)	19.38
	463.91
230 KV	
Alburtis-Hosensack	1.67
Berks-S. Reading	5.59
Brunner Island-Middletown Junction #1	1.72
Brunner Island-Middletown Junction #2	1.72
Brunner Island-S. Manheim	5.17
Brunner Island-W. Hempfield	3.96
Brunner Island-W. Shore	4.51
Brunner Island-Yorkana (5%)	.19
Bushkill-Blooming Grove	6.02
Buxmont-Whitpain (70%)	3.30
Columbia-Frackville	9.99
Cumberland-W. Shore	3.25
Elimsport-Lycoming #3	1.16
Hosensack-Buxmont	4.35
Hosensack-Quarry	7.87
Hosensack-Wescosville	2.62
Hummelstown-Middletown Junction #1	1.89
Hummelstown-Middletown Junction #2 (50%)	1.91
Hummelstown-N. Hershey (34%)	.99
Juniata-Cumberland	3.89
Juniata-Lewistown (4%)	.28
Lackawanna-Peckville (13%)	.11
Lackawanna-Mountain	7.52
Manor-Conastone (78%)	4.79
Manor-Graceton (90%)	3.98
Manor-S. Akron	7.17
Martins Creek-Kittatinny (to river)	11.92
Martins Creek-Northwood	3.26
Martins Creek-Portland (50%)	1.54
Martins Creek-Quarry	6.01
Martins Creek-Siegfried #1	8.48
Martins Creek-Siegfried #2	7.47
Montour-Columbia	3.68
Montour-Lycoming	7.68

LINE	MVAR
Montour-Mountain (65%)	8.91
Montour-Susquehanna	9.13
Peckville-Blooming Grove	7.95
Quarry-Northwood	3.13
S. Akron-Berks	6.38
S. Manheim-S. Akron	3.32
Siegfried-E. Palmerton	2.49
Siegfried-Frackville	11.03
Siegfried-Harwood	10.94
Stanton-Jenkins	2.50
Stanton-Lackawanna	3.91
Sunbury-Frackville	9.95
Sunbury-Lycoming	8.13
Sunbury-Montour	6.62
Sunbury-Susquehanna	12.05
Susquehanna-E. Palmerton	12.57
Susquehanna-Susq. Generator #1	.90
Susquehanna-Harwood	3.69
Susquehanna-Jenkins	7.27
Susquehanna-Stanton #1 (44%)	3.78
Susquehanna-Stanton #2	11.85
Susquehanna-Transf. 20-21	1.10
W. Hempfield-Manor	2.44
W. Shore-Steelton	3.82
	299.52
Total	763.43

NOTE: Percentages in parenthesis indicate PP&L line ownership if other than 100%. Reactive listed is for PP&L portion of line.

Q. 13. Provide a schedule showing the dollar investment in capacitors and/or synchronous condensers for the past five years. Break out the investment by voltage level or by transmission, primary and secondary voltages. Further, list the F.P.C. accounts corresponding to these purchases. Provide details as to the methods used to determine the size, location and need for the devices. Indicate on the system map the location and size of the 15 largest installations.

A. 13. Attachment IV-C-13 provides the requested information. Page 1 of this attachment provides the purchase price of capacitors for the years 1977 through July 31, 1983. Page 2 provides the dollar investment in capacitors and/or synchronous condensers for the years 1977 through 1981 along with the FERC account corresponding to the purchases. Pages 3 and 4 provide details as to the methods used to determine the size, location and need for devices. Page 5 lists the size of the 19 largest installations, and page 6 is a system map upon which is indicated the location of the 19 largest installations.

PENNSYLVANIA POWER & LIGHT COMPANY
INVESTMENT IN CAPACITORS
ACTUAL INVOICE DOLLARS PROCESSED
THROUGH STORES INVENTORY

Installed Voltage	Yearly					12 Months Ended	
	1977	1978	1979	1980	1981	7/31/82(1)	7/31/83(2)
12 kV	$175,064	$263,749	$150,727	$443,433	$ 801,064	$1,398,323	$520,000
66 kV	22,250	69,038	41,927	140,249	272,145	163,503	100,000
Total	$197,314	$332,787	$192,654	$583,682	$1,073,209(3)	$1,561,826(3)	$620,000(4)

Notes:
(1) Includes 5-month overlap with 1981.
(2) Projected Totals.
(3) Expenditures since 1980 reflect the purchase of replacement units under the PCB program which peaked during the last six months of 1981 and the first six months of 1982.
(4) Anticipated reduction in the PCB replacement program.

PENNSYLVANIA POWER & LIGHT COMPANY

TOTAL DOLLAR INVESTMENT - CAPACITOR INSTALLATIONS
AS OF DECEMBER 31 OF PRECEDING FIVE YEARS

Installed Voltage	1977	1978	1979	1980	1981
Lines - 12 KV					
Account 364	309,736	316,324	324,400	325,520	325,324
Account 365	4,126,434	4,497,014	4,904,206	5,253,052	5,668,462
Account 368	4,580,727	4,684,203	4,850,405	4,799,354	4,960,537
Total Lines	9,016,897	9,497,541	10,079,011	10,377,926	10,954,323
Substations - 12 KV					
Account 353	29,436	29,436	29,436	29,436	29,436
Account 362	473,257	464,012	501,696	446,865	326,545
Total 12 kV	502,693	493,448	531,132	476,301	355,981
Substations - 66 KV					
Account 353	1,293,394	1,293,394	1,365,462	1,310,667	1,316,187
Account 362	1,589,840	1,589,840	1,517,772	1,520,601	1,464,536
Total 66 kV	2,883,234	2,883,234	2,883,234	2,831,268	2,780,723
Total Substations	3,385,927	3,376,682	3,414,366	3,307,569	3,136,704
Total Investment	12,402,824	12,874,223	13,493,377	13,685,495	14,091,027

PENNSYLVANIA POWER & LIGHT COMPANY
METHODS USED TO DETERMINE SIZE, LOCATION, AND NEED FOR CAPACITORS

PP&L installs capacitors on its 69 and 138 kV transmission systems and on its 12 kV and 4 kV distribution systems for reactive supply and voltage control. Details of the methods used to determine size, location and need for capacitors are described below.

69 and 138 kV Transmission Systems

Regional capacitors (69 and 138 kV) are primarily required for system reactive support. To determine the location for these capacitors, load flow studies are run to determine locations where a significant reactive deficiency exists on the regional (69 or 138 kV) transmission system. Capacitor installations of 7.2 to 36 MVAR are added at regional supply substations (500/138 or 230/69 kV) to supply regional customer usage, line losses, and approximately half of the regional transformer reactive losses at peak load periods. Both fixed and switched capacitors are added to the regional system. Fixed capacitors are sized to cause not more than a 5% voltage change. Switched capacitors are sized to cause not more than a 2-1/2% voltage change when operated. The switched capacitors are controlled by a time-biased voltage recalibration control to ensure that the capacitors are placed in service during heavy load periods. During the light load periods, all switched capacitors are normally switched off.

In addition to providing reactive support, regional capacitors are sometimes required on radial transmission lines for voltage support under abnormal conditions. These standby capacitors may be needed if the line picks up additional load via switching or if a parallel line is interrupted and all of its load is transferred to one line. The time-biased voltage recalibration control, which is used for normal system control, is also used for abnormal voltage conditions.

The installation of capacitors is only one method of providing reactive support and voltage control on the 69 kV system. Other means include:

- Generation connected to the regional system and
- Tap changing under load (TCUL) operation of regional transformers (primarily 230/69 kV banks).

The capacitor installations supplement the above devices for regional reactive support and voltage control.

Distribution System

PP&L has distribution facilities at 23 kV, 12 kV and 4 kV. The 23 kV and 4 kV are considered non-standard and are gradually being converted to 12 kV. Capacitors are not normally located on the 23 kV, while the practice on the 4 kV generally follows the 12 kV guidelines. Therefore, the following discussion describes guidelines for the 12 kV distribution system.

Under existing practices, all distribution capacitors are installed on the distribution circuits and not in the substations. Capacitor bank sizes range from 50 kvar for a small single phase installation to 1200 kvar for a large three phase installation.

Each distribution circuit and substation is studied to determine the size and location of specific capacitor installations required to satisfy its individual needs. First a voltage profile is prepared for light load (off-peak) conditions. Fixed capacitor banks are then added as needed until the light load primary voltage (referenced to a 120 volt secondary base) is between 119 and 123 volts at all points on the circuit. The size of a fixed capacitor bank is limited by its impressed voltage rise, which must not exceed 7-1/2% (9 volts), and by the 1200 kvar maximum.

When all light load voltage criteria have been satisfied, a voltage profile for peak load conditions is prepared, incorporating the effect of the fixed capacitors installed for light load conditions. Additional capacitors are then installed to raise the voltage at all points on the circuits to a 120-126 volt range, with a minimum of 123 volts on the 12 kV area supply substation bus. These capacitors installed for peak load voltage support are switched on and off as needed to maintain the desired peak and light load voltage schedules. This is accomplished by using a time-biased voltage recalibration control, which is preset to switch from peak to light load voltage schedule and from light load back to peak load schedule at predetermined times. The size of these switched capacitor banks is limited by a maximum voltage rise of 3.3% (4 volts) to allow for coordinated switching where multiple banks exist on a circuit.

Once the three phase voltage requirements at light and peak loads have been satisfied by the above procedure, a similar analysis is conducted on all single phase taps from each circuit to assure adherence to the desired voltage patterns. Additional fixed and switched capacitors are then added to each single phase tap as necessary.

When the voltage criteria have been met for all lines from an area supply substation, additional capacitors are then installed on the distribution circuits to raise the peak load power factor on the 69 or 138 kV busses of the area supply substations as close to unity as possible without adversely affecting the circuit voltage profiles.

PENNSYLVANIA POWER & LIGHT COMPANY
LARGEST REACTIVE INSTALLATIONS
As of July 31, 1982

Map Key No.	Location	Reactive Capacity
1	Stanton	57.6 MVAR
2	Harwood	36.0 MVAR
3	Quarry	36.0 MVAR
4	Siegfried	36.0 MVAR
5	W. Williamsport	32.4 MVAR
6	Lock Haven	31.2 MVAR
7	Buxmont	28.8 MVAR
8	Fishbach	28.8 MVAR
9	Harrisburg	28.8 MVAR
10	Hummelstown	28.8 MVAR
11	Jenkins	28.8 MVAR
12	Nazareth	28.8 MVAR
13	Peckville	28.8 MVAR
14	S. Akron	28.8 MVAR
15	S. Manheim	28.8 MVAR
16	W. Hempfield	28.8 MVAR
17	Wescosville	28.8 MVAR
18	W. Shore	28.8 MVAR
19	E. Palmerton	28.8 MVAR

Map is on Page 6; there are no changes for the future test year ending July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY
LARGEST REACTIVE INSTALLATIONS

LARGEST REACTIVE INSTALLATIONS

Q. 14. Provide a schedule for each month of the test year for the 20 largest customers for all demand/energy rate schedules showing:

a. Active demand (indicate time of occurrence)

(i) on-peak
(ii) off-peak

b. Reactive peak demand (indicate time of occurrence)
c. Monthly energy usage.

A. 14. Monthly data for the year ended July 31, 1982 for the 20 largest customers, ranked by highest average demand, for rate schedules GS-1, GS-3, LP-4, LP-5 and LP-6, are provided in Attachment IV-C-14. The time of occurrence of monthly peak demand is not readily available for most customers; reactive peak demand is not available. Repetitive zeros in the on-peak and off-peak demand field indicates maximum demand metering only. The random occurrence of zeros in these fields indicate a meter failure. The monthly energy use is displayed in the kWh line. The monthly billing demand is displayed in the BKW line.

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST CUSTOMERS REPORT RATE GS1

JST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	GS1	KWH	41700	17200	18100	31400	65300	39900	43000	37000	37700	56700	45300	28600
		BKU	634.0	578.0	491.0	536.0	611.0	107.1	107.1	116.4	536.8	602.5	634.8	657.8
		ON PEAK KW	633.6	578.3	490.8	535.7	610.6	107.1	107.1	116.4	536.8	602.5	634.8	657.8
		OFF PEAK KW	225.8	114.0	54.1	65.7	216.6	81.8	87.6	89.9	88.7	558.7	155.5	222.3
VERAGE DEMAND	467.7	TOTAL REVENUE		41,442.38	TOTAL KWH		461900							
2	GS1	KWH	43510	35140	33590	46580	42550	25590	23180	11230	9950	26450	42160	43050
		BKU	407.0	412.0	421.0	456.0	431.0	383.0	103.7	87.9	107.1	367.1	489.2	455.8
		ON PEAK KW	367.9	412.4	369.4	455.8	430.8	387.5	103.7	87.6	107.1	367.1	489.2	455.8
		OFF PEAK KW	407.0	397.8	420.9	417.4	360.2	101.0	97.5	87.9	87.9	106.4	152.4	188.5
VERAGE DEMAND	343.8	TOTAL REVENUE		33,839.29	TOTAL KWH		382980							
3	GS1	KWH	26720	23330	17460	34560	21370	22540	22540	28370	24670	22630	32970	11910
		BKU	324.0	326.0	331.0	334.0	346.0	300.0	299.0	305.0	314.0	304.0	317.0	289.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	315.8	TOTAL REVENUE		25,718.03	TOTAL KWH		289070							
4	GS1	KWH	25320	23340	26780	35600	16620	10820	12920	11100	24500	26460	30900	31760
		BKU	266.0	276.0	308.0	332.0	270.0	102.0	46.0	108.0	328.0	312.0	282.0	290.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	243.3	TOTAL REVENUE		24,204.01	TOTAL KWH		276120							
5	GS1	KWH	18290	18880	21120	20300	21050	10880	11480	10250	24970	12580	8950	13760
		BKU	233.0	247.0	245.0	282.0	283.0	107.0	189.0	212.0	218.0	205.0	134.0	234.0
		ON PEAK KW	233.0	247.0	245.0	282.0	283.0	107.0	189.0	212.0	218.0	205.0	134.0	234.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	215.8	TOTAL REVENUE		17,794.43	TOTAL KWH		192510							
6	GS1	KWH	5400	9000	9300	7200	0	0	1200	0	1800	2600	4900	3900
		BKU	320.0	320.0	320.0	330.0	10.0	0.0	20.0	0.0	20.0	290.0	310.0	330.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	189.2	TOTAL REVENUE		6,117.53	TOTAL KWH		45300							
7	GS1	KWH	8760	15080	11420	11520	8900	1560	1300	1340	6400	12680	3800	0
		BKU	270.0	278.0	238.0	213.0	206.0	12.0	60.0	42.0	230.0	250.0	242.0	0.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	170.5	TOTAL REVENUE		8,620.54	TOTAL KWH		82760							

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST POWER CUSTOMERS REPORT RATE GS1

ST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
8	GS1	KWH	5090	5180	6650	38350	19470	4280	3930	2920	3500	3890	7540	6910
		BKW	115.0	115.0	191.0	228.0	226.5	179.5	205.4	126.7	116.7	126.3	111.4	112.5
		ON PEAK KW	115.2	114.8	190.8	225.0	226.6	111.0	205.4	126.7	116.0	126.3	111.4	112.5
		OFF PEAK KW	109.4	95.6	100.2	228.1	207.0	179.3	53.0	76.8	116.7	113.3	102.1	111.4
ERAGE DEMAND	154.5	TOTAL REVENUE		10,114.75	TOTAL KWH		107700							
9	GS1	KWH	30100	11800	15100	30100	22600	12000	9000	11600	11000	4700	4500	13300
		BKW	269.0	155.5	155.5	171.0	174.5	161.5	153.6	142.1	94.1	51.8	74.9	224.6
		ON PEAK KW	192.0	155.5	155.5	169.0	174.7	161.3	153.6	142.1	94.1	51.8	74.9	224.6
		OFF PEAK KW	268.8	76.8	76.8	170.9	147.8	15.4	15.4	65.3	67.2	11.5	11.5	186.2
ERAGE DEMAND	152.3	TOTAL REVENUE		15,229.73	TOTAL KWH		175800							
0	GS1	KWH	19140	19350	13890	13300	13300	14160	17480	19750	22680	20730	21790	23200
		BKW	152.0	143.0	112.0	132.0	128.0	145.0	150.0	165.0	172.0	165.0	183.0	173.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	151.7	TOTAL REVENUE		19,294.05	TOTAL KWH		218770							
1	GS1	KWH	13520	11200	11960	18040	22840	29320	22240	19640	11840	8520	11720	15840
		BKW	108.0	156.0	100.0	108.0	136.0	204.0	148.0	140.0	112.0	144.0	156.0	216.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	150.7	TOTAL REVENUE		17,341.21	TOTAL KWH		196680							
2	GS1	KWH	2570	8120	14400	13850	18400	11610	15780	10930	11740	2990	4290	7820
		BKW	133.0	138.0	142.0	137.0	145.0	150.0	145.0	142.0	165.0	158.0	156.0	150.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	146.8	TOTAL REVENUE		11,493.67	TOTAL KWH		122500							
3	GS1	KWH	11600	38670	3180	3120	3580	3580	3700	6470	7980	8550	10260	12170
		BKW	191.5	432.0	17.0	20.0	20.0	17.8	17.8	196.3	188.2	186.3	188.2	192.8
		ON PEAK KW	49.2	431.9	17.2	17.5	0.0	17.8	17.8	39.5	72.3	26.6	180.5	40.8
		OFF PEAK KW	191.5	419.6	17.2	20.1	0.0	17.5	17.8	196.3	188.2	186.3	188.2	192.8
ERAGE DEMAND	139.0	TOTAL REVENUE		10,612.98	TOTAL KWH		112860							
4	GS1	KWH	86300	7700	8500	9700	62500	147400	58000	14600	9100	7500	2300	1800
		BKW	316.0	29.0	24.0	24.0	353.0	354.0	362.9	35.7	24.2	24.2	11.5	9.2
		ON PEAK KW	315.6	28.8	24.2	24.2	352.5	353.7	362.9	34.6	24.2	24.2	8.1	9.2
		OFF PEAK KW	312.2	25.3	23.0	21.9	350.2	351.4	349.1	35.7	21.9	19.6	11.5	9.2
ERAGE DEMAND	130.6	TOTAL REVENUE		23,103.18	TOTAL KWH		415400							

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST POWER CUSTOMERS REPORT RATE GS1

GT REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
5	GS1	KWH	4700	10500	13900	12200	4000	3800	3500	3500	3400	2500	6100	2400
		BKH	288.5	309.5	310.5	299.5	9.0	7.6	7.0	10.3	8.6	7.0	292.7	7.6
		ON PEAK KW	240.3	309.4	310.5	299.7	8.6	7.6	7.0	10.3	8.6	7.0	291.6	7.0
		OFF PEAK KW	288.4	307.8	308.3	296.5	9.2	7.0	7.0	7.6	7.0	5.9	292.7	7.6
ERAGE DEMAND	129.8	TOTAL REVENUE		6,752.00	TOTAL KWH		70500							
6	GS1	KWH	2340	7760	8714	11870	10936	13291	8940	17615	19811	19996	14159	7961
		BKH	24.0	94.0	107.0	130.0	104.5	123.5	69.0	172.6	141.0	186.6	135.6	146.5
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	119.5	TOTAL REVENUE		12,718.40	TOTAL KWH		143393							
7	GS1	KWH	8800	7600	9600	13120	6440	12200	29680	21040	22440	12520	30280	24400
		BKH	48.0	48.0	48.0	56.0	56.0	52.0	284.0	260.0	48.0	44.0	276.0	204.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	118.7	TOTAL REVENUE		16,652.29	TOTAL KWH		198200							
8	GS1	KWH	9300	4760	7080	13560	14600	15080	15480	16680	17280	15120	7160	8080
		BKH	144.0	22.0	100.0	112.0	160.0	96.0	96.0	136.0	140.0	112.0	144.0	152.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ERAGE DEMAND	117.8	TOTAL REVENUE		13,239.88	TOTAL KWH		144180							
9	GS1	KWH	3540	3950	4840	6330	5560	18830	20100	11840	7100	3450	2200	3810
		BKH	86.0	83.0	203.0	218.0	218.0	221.0	36.0	71.0	67.0	58.5	67.5	79.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	13.4	6.0	22.7	45.1
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218.1	228.1	215.4	202.9	181.4
ERAGE DEMAND	117.3	TOTAL REVENUE		8,432.92	TOTAL KWH		91550							
0	GS1	KWH	14940	13700	15980	14400	12770	7890	6670	7240	10290	13920	14210	12530
		BKH	124.5	119.5	128.5	120.0	121.5	116.5	76.4	95.2	122.5	125.2	132.5	118.3
		ON PEAK KW	124.4	119.4	128.3	120.2	121.3	113.3	76.4	95.2	122.5	125.2	132.5	118.3
		OFF PEAK KW	98.7	101.0	119.8	109.8	120.2	116.7	30.7	48.4	118.7	99.8	116.0	90.6
ERAGE DEMAND	116.7	TOTAL REVENUE		12,733.49	TOTAL KWH		144540							

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST POWER CUSTOMERS REPORT RATE GS3

UST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	GS3	KWH	1705500	1337200	1278700	1396500	1412400	1062600	1234700	1286800	1453100	1443900	1522900	1656700
		BKW	3498.0	3322.0	2965.0	3214.0	3049.0	3364.0	3061.0	3318.0	3260.0	3529.0	3456.0	3648.0
		ON PEAK KW	3498.2	3321.6	2964.5	3214.1	3049.0	3363.8	3060.5	3317.8	3260.2	3529.0	3456.0	3648.0
		OFF PEAK KW	3014.4	2830.1	2576.6	2638.1	2580.5	2592.0	2599.7	2603.5	2784.0	2983.7	2972.2	3191.0
VERAGE DEMAND	3307.0	TOTAL REVENUE		797,589.70	TOTAL KWH	16792000								
2	GS3	KWH	423700	566500	699400	1040900	915600	1101900	1639300	1567700	1464400	1228900	946300	371800
		BKW	1650.0	1698.0	1955.0	2498.0	2670.0	2838.0	3215.7	3186.0	3083.4	2737.8	2454.3	1725.3
		ON PEAK KW	1649.7	1698.3	1954.8	2497.5	2670.3	2837.7	3215.7	3186.0	3083.4	2710.8	2435.4	1725.3
		OFF PEAK KW	1458.0	1682.1	1930.5	2470.5	2486.7	2667.6	3199.5	3183.3	3061.8	2737.8	2454.3	1690.2
VERAGE DEMAND	2476.0	TOTAL REVENUE		588,765.94	TOTAL KWH	11966400								
3	GS3	KWH	735200	823800	743300	901900	1157300	1545800	1383700	1193500	1123700	688600	809500	839300
		BKW	1516.0	1728.0	1854.0	2189.0	2552.0	3510.0	3063.6	2901.6	2833.2	1864.8	1861.2	1908.0
		ON PEAK KW	1515.6	1728.0	1832.4	2188.8	2552.4	3510.0	3063.6	2901.6	2833.2	1864.8	1857.6	1908.0
		OFF PEAK KW	1490.4	1569.6	1854.0	1994.4	2354.4	3405.6	2808.0	2520.0	2505.6	1695.6	1861.2	1566.0
VERAGE DEMAND	2315.1	TOTAL REVENUE		569,476.36	TOTAL KWH	11945600								
4	GS3	KWH	965100	980900	1057800	1121500	782100	914400	997500	855100	667200	766000	711000	442800
		BKW	2069.0	2036.0	2534.0	2287.0	2339.0	2436.5	2450.9	2396.2	2001.6	1987.2	2232.0	1955.5
		ON PEAK KW	2067.8	2036.2	2534.4	2286.7	2338.6	2436.5	2450.9	2396.2	2001.6	1987.2	2232.0	1955.5
		OFF PEAK KW	1921.0	1964.2	2283.8	2194.6	2151.4	2076.5	2039.0	2062.1	1558.1	1546.6	1765.4	1650.2
VERAGE DEMAND	2227.0	TOTAL REVENUE		500,359.73	TOTAL KWH	10262200								
5	GS3	KWH	1333800	1263500	1361800	1219800	852000	588600	752600	1099600	1040700	1030600	1139800	864000
		BKW	2243.0	2194.0	2201.0	2178.0	2150.0	1894.0	2005.2	1962.0	1951.2	1926.0	1956.6	1992.6
		ON PEAK KW	2237.4	2179.8	2201.4	2178.0	0.0	1893.6	2005.2	1962.0	1951.2	0.0	1956.6	1992.6
		OFF PEAK KW	2242.8	2194.2	2111.4	2021.4	0.0	1794.6	1836.0	1837.8	1789.2	0.0	1816.2	1893.6
VERAGE DEMAND	2054.5	TOTAL REVENUE		565,583.60	TOTAL KWH	12546800								
6	GS3	KWH	751600	950700	822300	718700	599000	585000	589600	546900	519600	533400	656500	692700
		BKW	2333.0	2267.0	2143.0	1754.0	1713.0	1655.0	1718.6	1624.3	1627.2	1922.4	2021.8	2077.6
		ON PEAK KW	2332.8	2266.6	2142.7	1753.9	1713.2	1654.9	1718.6	1624.3	1627.2	1922.4	2021.8	2077.6
		OFF PEAK KW	1964.2	1828.8	1834.6	1238.4	1162.1	1097.6	1441.1	1042.9	1035.4	1311.8	1221.5	1507.7
VERAGE DEMAND	1904.7	TOTAL REVENUE		397,157.21	TOTAL KWH	7966000								
7	GS3	KWH	639400	696600	686500	823200	564800	698000	696500	705200	731800	872100	843920	479440
		BKW	1510.0	1490.0	1850.0	1830.0	1800.0	1790.0	1820.0	1840.0	1820.0	1970.0	2088.0	2056.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VERAGE DEMAND	1822.0	TOTAL REVENUE		419,051.58	TOTAL KWH	8437460								

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST CUSTOMERS REPORT RATE GS3

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
8	GS3	KWH	615500	648400	639600	587000	467300	489300	625400	489400	567800	545000	461500	284100
		BKW	1793.0	1723.0	1706.0	1693.0	1558.0	1804.0	2022.3	1784.7	1844.0	1644.0	1388.0	1409.0
		ON PEAK KW	1798.2	1722.6	1706.4	1692.9	1557.9	1795.5	2022.3	1709.1	1844.1	1644.3	1387.8	1409.4
		OFF PEAK KW	1676.7	1703.7	1587.6	1630.8	1479.6	1803.6	1755.0	1784.7	1800.9	1533.6	1277.1	1266.3
AVERAGE DEMAND	1697.8	TOTAL REVENUE		334,583.59	TOTAL KWH		6420300							
9	GS3	KWH	724900	665100	597300	603900	551200	603700	589200	511000	532200	583800	563400	262800
		BKW	1730.0	1730.0	1730.0	1740.0	1710.0	1750.0	1730.0	1750.0	1770.0	1580.0	1510.0	1500.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1685.8	TOTAL REVENUE		345,107.40	TOTAL KWH		6788500							
10	GS3	KWH	398900	533100	559400	522200	438300	356900	555900	417300	461900	462800	447800	363300
		BKW	1550.0	1550.0	1630.0	1540.0	1560.0	1680.0	1780.0	1580.0	1600.0	1650.0	1630.0	1570.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1606.7	TOTAL REVENUE		299,183.26	TOTAL KWH		5517800							
11	GS3	KWH	650000	542200	545600	602700	558000	663400	664600	697300	628500	648700	633600	653000
		BKW	1200.0	1190.0	1230.0	1300.0	1360.0	1560.0	1770.0	1590.0	1600.0	1550.0	1610.0	1720.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1473.3	TOTAL REVENUE		366,750.73	TOTAL KWH		7487600							
12	GS3	KWH	0	0	0	0	0	0	0	119000	460100	692600	973700	967500
		BKW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	633.6	1836.0	1818.0	1461.6	1486.8
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	633.6	1836.0	1818.0	1461.6	1486.8
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.6	1044.0	1332.0	1422.0	1454.4
AVERAGE DEMAND	1447.2	TOTAL REVENUE		165,674.65	TOTAL KWH		3212900							
13	GS3	KWH	695000	676900	731800	687200	632700	573000	673200	657600	677600	662500	659900	624600
		BKW	1390.0	1430.0	1450.0	1460.0	1390.0	1478.0	1405.0	1432.0	1409.0	1429.0	1467.0	1386.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	1478.4	1405.4	1432.3	1409.3	1428.5	1466.9	1386.2
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	1340.2	1324.8	1382.4	1278.7	1317.1	1309.4	1305.6
AVERAGE DEMAND	1427.2	TOTAL REVENUE		373,822.42	TOTAL KWH		7953000							
14	GS3	KWH	104900	221800	332700	554700	831200	925300	864000	735700	551500	272000	214200	88700
		BKW	600.0	1050.0	1250.0	1480.0	1860.0	2360.0	1890.0	2030.0	1710.0	1110.0	1100.0	590.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1419.2	TOTAL REVENUE		286,147.36	TOTAL KWH		5696700							

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST CUSTOMERS REPORT RATE GS3

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
15	GS3	KWH	616200	614000	535300	495700	619600	652700	609600	536900	621100	617200	610400	608200
		BKW	1170.0	1240.0	1290.0	1330.0	1410.0	1520.0	1400.0	1360.0	1420.0	1310.0	1300.0	1320.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1339.2	TOTAL REVENUE		342,686.00	TOTAL KWH		7136900							
16	GS3	KWH	73000	123000	221000	226000	142000	121000	126000	231000	296000	226000	69000	67000
		BKW	1075.0	1258.0	1334.0	1315.0	1296.0	1296.0	1305.6	1305.6	1276.8	1257.6	1228.8	1084.8
		ON PEAK KW	1075.2	1257.6	1334.4	1315.2	1296.0	1296.0	1305.6	1305.6	1276.8	1257.6	1228.8	1084.8
		OFF PEAK KW	38.4	38.4	1075.2	1084.8	76.8	67.2	67.2	1142.4	1238.4	1094.4	28.8	38.4
AVERAGE DEMAND	1252.3	TOTAL REVENUE		141,271.49	TOTAL KWH		1921000							
17	GS3	KWH	811400	538500	305300	469200	565400	496000	535300	912900	773400	790800	577700	806700
		BKW	1422.0	1382.0	968.0	886.0	929.0	882.0	1292.0	1444.0	1394.0	1458.0	1354.0	1451.0
		ON PEAK KW	1422.0	1382.4	968.4	871.2	928.8	882.0	1292.4	1443.6	1386.0	1458.0	1353.6	1450.8
		OFF PEAK KW	1368.0	1321.2	936.0	928.8	874.8	846.0	1285.2	1422.0	1418.4	1450.8	1353.6	1447.2
AVERAGE DEMAND	1238.5	TOTAL REVENUE		351,913.23	TOTAL KWH		7582600							
18	GS3	KWH	92700	215100	390200	546900	647900	764800	653400	471100	388000	272400	254800	120100
		BKW	730.0	920.0	1120.0	1370.0	1630.0	1900.0	1580.0	1500.0	1480.0	1220.0	850.0	460.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE DEMAND	1230.0	TOTAL REVENUE		243,015.76	TOTAL KWH		4817400							
19	GS3	KWH	531800	479500	535500	649500	558700	571100	619200	590600	494600	461200	484900	450400
		BKW	1015.0	1145.0	1296.0	1474.0	1428.0	1210.0	1514.7	1171.8	1182.6	1169.1	1050.3	985.5
		ON PEAK KW	1015.2	1144.8	1296.0	1474.2	1274.4	1209.6	1514.7	1171.8	1117.8	1169.1	1050.3	985.5
		OFF PEAK KW	904.5	1004.4	1258.2	1347.3	1428.3	1201.5	1482.3	1136.7	1182.6	1136.7	1001.7	945.0
AVERAGE DEMAND	1220.2	TOTAL REVENUE		303,722.80	TOTAL KWH		6427000							
20	GS3	KWH	325700	351600	279200	331700	490200	455200	450300	373600	338800	284000	280600	300600
		BKW	1242.0	1188.0	1074.0	1071.0	1304.0	1447.0	1481.8	1246.3	1237.7	1080.0	1084.3	1179.4
		ON PEAK KW	1242.0	1188.0	1073.5	1071.4	1274.4	1447.2	1481.8	1246.3	1237.7	1080.0	1084.3	1179.4
		OFF PEAK KW	1149.1	1110.2	985.0	1034.6	1140.5	1134.0	1149.1	1129.7	1023.8	972.0	980.6	1064.9
AVERAGE DEMAND	1219.6	TOTAL REVENUE		229,247.69	TOTAL KWH		4261500							

PENNSYLVANIA POWER & LIGHT COMPANY

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LARGEST CUSTOMERS REPORT RATE LP4

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	LP4	KWH	2157000	2522000	3153000	2734000	2304000	2278000	2396000	2570000	2494000	2017000	1915000	1677000
		BKH	7033.0	7344.0	7845.0	7819.0	7690.0	7284.0	7585.0	7500.0	7560.0	7059.0	6515.0	6566.0
		ON PEAK KW	7033.0	7344.0	7845.1	7819.2	7689.6	7283.5	7585.9	7508.2	7560.0	7058.9	6514.6	6566.4
		OFF PEAK KW	6730.6	7110.7	7655.0	7516.8	6670.1	6868.8	6860.2	6868.8	6696.0	6471.4	6255.4	5970.2
AVERAGE DEMAND	7317.4	TOTAL REVENUE	1,322,787.65		TOTAL KWH	28217000								
2	LP4	KWH	1971000	1730000	2385000	2655000	3323000	3194000	4191000	4223000	2806000	2547000	1260000	1647000
		BKH	4398.0	4692.0	4994.0	6523.0	8441.0	9176.0	10645.0	8761.0	8830.0	7845.0	4182.0	3966.0
		ON PEAK KW	4397.8	4691.5	4993.9	6523.2	8441.3	9175.7	10644.5	8761.0	8830.1	7845.1	4181.8	3965.8
		OFF PEAK KW	2972.2	3611.5	4250.9	5417.3	7326.7	7758.7	9201.6	7603.2	7292.2	6782.4	3525.1	2782.1
AVERAGE DEMAND	6871.1	TOTAL REVENUE	1,430,671.03		TOTAL KWH	31932000								
3	LP4	KWH	4235000	4238000	4332000	4460000	3947000	3931000	4642000	4107000	4109000	4457000	4178000	4132000
		BKH	6605.0	6490.0	6566.0	6528.0	6624.0	6547.2	6662.4	6547.2	6528.0	6547.2	6508.8	6489.6
		ON PEAK KW	6604.8	6489.6	6566.4	6528.0	6624.0	6547.2	6662.4	6547.2	6528.0	6547.2	6508.8	6489.6
		OFF PEAK KW	6470.4	6432.0	6412.8	6355.2	6451.2	6508.8	6604.8	6412.8	6432.0	6412.8	6432.0	6412.8
AVERAGE DEMAND	6553.6	TOTAL REVENUE	2,035,754.70		TOTAL KWH	50768000								
4	LP4	KWH	2602000	2451000	2095000	2148000	2379000	2703000	2678000	2546000	2511000	2276000	2463000	2826000
		BKH	6687.0	6592.0	6359.0	5409.0	5115.0	5469.0	6143.0	5633.3	5780.2	6817.0	7344.0	8035.2
		ON PEAK KW	6687.4	6592.3	6359.0	5408.6	5114.9	5469.1	6143.0	5633.3	5780.2	6817.0	7344.0	8035.2
		OFF PEAK KW	4985.3	4950.7	4622.4	3179.5	3637.4	3948.5	4164.5	3775.7	3697.9	3602.9	4078.1	5667.8
AVERAGE DEMAND	6282.0	TOTAL REVENUE	1,325,743.70		TOTAL KWH	29678000								
5	LP4	KWH	2106000	2087000	2205000	1887000	1357000	1334000	2066000	1475000	1254000	1462000	1585000	1167000
		BKH	5670.0	5638.0	5897.0	5735.0	5670.0	5411.0	5929.2	5734.8	5443.2	5767.2	5605.2	5605.2
		ON PEAK KW	5670.0	5637.6	5896.8	5734.8	5670.0	5410.8	5929.2	5734.8	5443.2	5767.2	5605.2	5605.2
		OFF PEAK KW	4989.6	4762.8	5184.0	5086.8	4924.8	5151.6	5281.2	5022.0	4600.8	4730.4	5086.8	5184.0
AVERAGE DEMAND	5675.5	TOTAL REVENUE	970,420.12		TOTAL KWH	19985000								
6	LP4	KWH	2575000	2308000	2247000	2201000	2268000	2161000	2276000	2232000	2159000	2180000	2306000	2474000
		BKH	6048.0	5832.0	5270.0	5296.0	5374.0	5305.0	5236.0	5106.0	5210.0	5556.0	5478.0	6039.0
		ON PEAK KW	6048.0	5832.0	5270.4	5296.3	5374.1	5305.0	5235.8	5106.2	5209.9	5555.5	5477.8	6039.4
		OFF PEAK KW	4959.4	4821.1	4311.4	4423.7	4441.0	4397.8	4544.6	4233.6	4311.4	4345.9	4475.5	4890.2
AVERAGE DEMAND	5479.2	TOTAL REVENUE	1,213,124.59		TOTAL KWH	27387000								
7	LP4	KWH	2297000	2295000	1781000	1662000	1769000	1788000	2369000	2233000	2002000	1851000	2250000	2005000
		BKH	6053.0	6026.0	5305.0	5167.0	5435.0	5525.0	5728.0	5709.0	4425.0	4190.0	5530.0	5417.0
		ON PEAK KW	6052.3	6026.4	5305.0	5166.7	5434.6	5525.3	5728.3	5698.1	4393.4	4190.4	5529.6	5417.3
		OFF PEAK KW	6056.6	5922.7	4976.6	4225.0	4177.4	5266.1	5499.4	5741.3	4518.7	3913.9	4505.8	4609.4
AVERAGE DEMAND	5375.8	TOTAL REVENUE	1,103,048.67		TOTAL KWH	24302000								

PENNSYLVANIA POWER & LIGHT COMPANY

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CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
8	LP4	KWH	2599000	2515000	2203000	2370000	2098000	2053000	2302000	2010000	2102000	2226000	2486000	2657000
		BKV	5733.0	5818.0	5437.0	5679.0	4435.0	4469.8	4435.2	4435.2	4757.8	5460.5	5379.8	5593.7
		ON PEAK KW	5733.0	5817.6	5437.4	5679.4	4435.2	4469.8	4435.2	4435.2	4757.8	5460.5	5379.8	5593.7
		OFF PEAK KW	4078.1	4389.1	3571.2	3283.2	2891.5	2995.2	3029.8	2960.6	3329.3	3283.2	3767.0	3962.9
AVERAGE DEMAND	5140.8	TOTAL REVENUE	1,200,064.24		TOTAL KWH	27621000								
9	LP4	KWH	2912000	3047000	2972000	2801000	2830000	2347000	3212000	3093000	2805000	2304000	2724000	2769000
		BKV	4873.0	4877.0	5102.0	5162.0	5167.0	5270.0	5209.9	5313.6	5300.6	4060.8	5041.4	5054.4
		ON PEAK KW	4873.0	4877.3	5101.9	5162.4	5166.7	5270.4	5209.9	5313.6	5300.6	4060.8	5041.4	5054.4
		OFF PEAK KW	4812.5	4786.6	5041.4	5067.4	5045.8	5140.8	5080.3	5222.9	5253.1	3978.7	5041.4	4812.5
AVERAGE DEMAND	5036.0	TOTAL REVENUE	1,384,045.16		TOTAL KWH	33816000								
10	LP4	KWH	3058000	2767000	3030000	2787000	2103000	2307000	3056000	2907000	2922000	2870000	2922000	2674000
		BKV	5119.0	5119.0	4990.0	4672.0	4600.0	4600.0	4912.0	5152.0	5281.0	5029.0	4964.0	4860.0
		ON PEAK KW	5119.2	5119.2	4989.6	4672.1	0.0	0.0	4911.8	5151.6	5281.2	5028.5	4963.7	4860.0
		OFF PEAK KW	4924.8	4957.2	4924.8	4587.8	0.0	0.0	4795.2	4983.1	5073.8	4885.9	4834.1	4749.8
AVERAGE DEMAND	4941.5	TOTAL REVENUE	1,382,051.49		TOTAL KWH	33403000								
11	LP4	KWH	2364000	2243000	1736000	1621000	1784000	1746000	2019000	1528000	1680000	1987000	1923000	2113000
		BKV	5430.0	5403.0	5391.0	4899.0	3940.0	3914.0	3966.0	3862.0	4769.0	6636.0	5249.0	5819.0
		ON PEAK KW	5430.2	0.0	5391.4	4893.9	3939.8	3913.9	3965.8	3862.1	4769.3	6635.5	5248.8	5819.0
		OFF PEAK KW	4069.4	0.0	3602.9	2941.9	2786.4	3110.4	3097.4	2708.6	3356.6	3849.1	3901.0	4367.5
AVERAGE DEMAND	4939.8	TOTAL REVENUE	1,028,251.83		TOTAL KWH	22744000								
12	LP4	KWH	2001000	3024000	3037000	2611000	2535000	2188000	2497000	2587000	2481000	2692000	3239000	3028000
		BKV	5400.0	5331.0	4985.0	4614.0	4441.0	4631.0	4544.6	4441.0	4561.9	5028.5	5392.7	5554.2
		ON PEAK KW	5400.0	5330.9	4985.3	4613.8	4441.0	4631.0	4544.6	4441.0	4561.9	5028.5	5382.7	5554.2
		OFF PEAK KW	4968.0	5218.6	4700.2	4302.7	4285.4	4181.8	4199.0	4181.8	4294.1	4803.8	4916.2	5382.7
AVERAGE DEMAND	4910.4	TOTAL REVENUE	1,314,630.28		TOTAL KWH	31920000								
13	LP4	KWH	2834000	2555000	2256000	2664000	2551000	2482000	2636000	2602000	2386000	2711000	2871000	2654000
		BKV	4899.0	4756.0	4918.0	4711.0	4782.0	4782.0	4599.0	4847.0	4789.0	4970.0	4951.0	5054.0
		ON PEAK KW	4893.9	4756.3	4918.3	4711.0	4782.2	4782.2	4898.9	4847.0	4798.7	4970.2	4950.7	5054.4
		OFF PEAK KW	4561.9	4633.2	4743.4	4698.0	4594.3	4691.5	4672.1	4613.8	4477.7	4756.3	4808.2	4847.0
AVERAGE DEMAND	4863.2	TOTAL REVENUE	1,321,665.59		TOTAL KWH	31802000								
14	LP4	KWH	2073000	1852000	2061000	1987000	1971000	1515000	1793000	1961000	1727000	1760000	1814000	1675000
		BKV	4601.0	4769.0	4653.0	4575.0	4705.0	4406.4	4639.7	4717.4	4497.1	4600.8	4445.3	4536.0
		ON PEAK KW	4600.8	4769.3	4652.6	4574.9	4704.5	4406.4	4639.7	4717.4	4497.1	4600.8	4445.3	4536.0
		OFF PEAK KW	3875.0	3706.6	3310.2	3771.4	3883.0	3758.4	3589.9	3628.8	3875.0	3823.2	3525.1	3745.4
AVERAGE DEMAND	4595.5	TOTAL REVENUE	990,524.49		TOTAL KWH	22189000								

PENNSYLVANIA POWER & LIGHT COMPANY

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LARGEST CUSTOMERS REPORT RATE LP4

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
15	LP4	KWH	1884500	1837500	1880800	1844500	1761300	1656600	1843800	1828900	1653100	1641700	1592600	1666800
		BKW	4463.0	4730.0	4463.0	4458.0	4393.0	4311.4	4294.1	4367.5	4229.3	4285.4	4276.8	4622.4
		ON PEAK KW	4462.6	4730.4	4462.6	4458.2	4393.4	4311.4	4294.1	4367.5	4229.3	4285.4	4276.8	4622.4
		OFF PEAK KW	3987.4	4186.1	3974.4	4009.0	3895.6	3818.9	3810.2	3857.8	3805.9	3425.8	3257.3	3412.8
AVERAGE DEMAND	4407.8	TOTAL REVENUE		945,816.74	TOTAL KWH	21092100								
16	LP4	KWH	1957000	2269000	2256000	2446000	2023000	2046000	2487000	2308000	2244000	2334000	2250000	2410000
		BKW	4337.0	4147.0	4208.0	4329.0	4052.0	4139.0	4268.0	4303.0	4216.0	4078.0	4320.0	4527.0
		ON PEAK KW	4337.3	4147.2	4207.7	4328.6	4052.2	4138.6	4268.2	4302.7	4216.3	4078.1	4320.0	4527.4
		OFF PEAK KW	3836.2	3870.7	3801.6	3827.5	3749.8	3741.1	3974.4	3993.0	3888.0	3732.5	3801.6	4043.5
AVERAGE DEMAND	4243.7	TOTAL REVENUE		1,135,965.71	TOTAL KWH	27030000								
17	LP4	KWH	0	0	0	0	0	0	0	0	1604000	1307000	1258000	1004000
		BKW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3646.1	3559.7	4613.8	4812.5
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3646.1	3559.7	4613.8	4812.5
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3326.4	3412.8	3896.6	3888.0
AVERAGE DEMAND	4158.0	TOTAL REVENUE		277,058.38	TOTAL KWH	5173000								
18	LP4	KWH	2278700	2188900	1942500	1846800	1501900	1563500	1909400	1617000	1743200	1871200	2114100	2385300
		BKW	4497.0	4385.0	4095.0	3672.0	3495.0	3490.6	3654.7	3430.1	3862.1	4255.2	4441.0	4816.8
		ON PEAK KW	4497.1	4384.8	4095.4	3672.0	3494.9	3490.6	3654.7	3430.1	3754.1	4255.2	4441.0	4816.8
		OFF PEAK KW	3903.0	3862.1	3460.3	3045.6	2890.1	3071.5	3395.5	3093.1	3862.1	4151.5	3952.8	4233.6
AVERAGE DEMAND	4007.9	TOTAL REVENUE		987,075.15	TOTAL KWH	22962500								
19	LP4	KWH	1904000	2014000	2114000	2309000	1842000	1622000	1961000	1994000	1823000	1787000	1693000	1646000
		BKW	3767.0	3853.0	3931.0	4026.0	4121.0	3849.0	3923.0	4087.0	4065.0	3990.0	3715.0	3724.0
		ON PEAK KW	3749.8	3810.2	3931.2	4026.2	4121.3	3844.8	3922.6	4086.7	4034.9	3974.4	3715.2	3723.8
		OFF PEAK KW	3818.9	3933.0	3870.7	4026.2	4095.4	3862.1	3870.7	4017.6	4155.8	4034.9	3697.9	3654.7
AVERAGE DEMAND	3920.9	TOTAL REVENUE		956,510.72	TOTAL KWH	22709000								
20	LP4	KWH	1653600	1550200	1622800	1672400	1516900	1410000	1741700	1788500	1538400	1374600	1377000	933500
		BKW	3849.0	3694.0	3745.0	3905.0	3834.0	3903.0	4022.0	3918.0	3853.0	3715.0	3793.0	3702.0
		ON PEAK KW	3849.1	3693.6	3745.4	3905.3	3883.7	3903.0	4021.9	3918.2	3853.4	3715.2	3793.0	3702.2
		OFF PEAK KW	3011.0	2976.5	3088.8	3149.3	3153.6	3265.9	3330.7	3231.4	3170.9	3062.9	2639.5	2682.7
AVERAGE DEMAND	3838.6	TOTAL REVENUE		812,615.84	TOTAL KWH	18179600								

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LARGEST CUSTOMERS REPORT RATE LP5

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	LP5	KWH	4591000	4299000	4440000	4185000	3947000	4359000	4340000	4727000	4186000	3943000	4065000	3578000
		BKW	8804.0	8381.0	8303.0	7845.0	8243.0	8614.0	8847.4	8130.2	7922.9	8000.6	7810.6	7724.2
		ON PEAK KW	8804.2	8380.8	8303.0	7819.2	8242.6	8614.1	8847.4	8130.2	7922.9	8000.6	7810.6	7724.2
		OFF PEAK KW	7274.9	7879.7	7620.5	7845.1	8078.4	7750.1	8061.1	7974.7	7465.0	7577.3	7050.2	6834.2
AVERAGE DEMAND	8218.8	TOTAL REVENUE	1,902,083.13	TOTAL KWH	50660000									
2	LP5	KWH	3506000	3392000	3354000	3201000	3456000	3322000	3422000	3545000	3384000	3235000	3466000	3422000
		BKW	7954.0	7789.0	7919.0	8048.0	7497.0	7718.0	7853.8	7581.6	7549.2	7419.6	7931.5	8171.3
		ON PEAK KW	7953.9	7789.0	7918.6	8048.2	7497.4	7717.7	7853.8	7581.6	7549.2	7419.6	7931.5	8171.3
		OFF PEAK KW	5767.2	5845.0	5417.3	5313.6	5514.5	5683.0	5870.9	5728.3	5870.9	5540.4	5592.2	5786.6
AVERAGE DEMAND	7786.8	TOTAL REVENUE	1,619,885.02	TOTAL KWH	40705000									
3	LP5	KWH	3698000	3723000	3314000	3343000	3488000	3631000	3709000	3367000	3408000	3265000	3434000	3826000
		BKW	8761.0	8826.0	7543.0	7387.0	6817.0	7880.0	6894.7	6881.8	7218.7	8125.9	8216.6	8722.1
		ON PEAK KW	8761.0	8825.8	7542.7	7387.2	6816.9	7879.7	6894.7	6881.8	7218.7	8125.9	8216.6	8722.1
		OFF PEAK KW	6259.7	6000.5	5080.3	4847.0	4976.6	6078.2	5391.4	5067.4	4950.7	5430.2	5650.6	6855.8
AVERAGE DEMAND	7772.8	TOTAL REVENUE	1,662,974.98	TOTAL KWH	42206000									
4	LP5	KWH	1961000	1958000	2152000	1941000	1848000	2171000	2482000	2286000	2095000	1708000	1194000	893100
		BKW	7193.0	7232.0	8074.0	8037.0	8424.0	8476.0	8243.0	8411.0	8709.0	6337.0	6260.0	6350.0
		ON PEAK KW	7192.8	7231.7	8074.1	8037.0	8424.0	8475.8	8242.6	8411.0	8709.1	6337.4	6259.7	6350.3
		OFF PEAK KW	6207.8	6894.7	7853.8	6117.1	8061.1	7413.1	8216.6	8294.4	8242.6	5832.0	4536.0	5637.6
AVERAGE DEMAND	7649.7	TOTAL REVENUE	1,060,386.25	TOTAL KWH	22689100									
5	LP5	KWH	4416000	4264000	3124000	3116000	3034000	3540000	2942000	4050000	3650000	3623000	4127000	3815000
		BKW	7074.0	7106.0	6944.0	7009.0	6912.0	6966.0	6512.0	6750.0	7020.0	6739.0	6944.0	6966.0
		ON PEAK KW	7074.0	7106.4	6944.4	7009.2	6912.0	6956.0	6512.4	6750.0	7020.0	6739.2	6944.4	6966.0
		OFF PEAK KW	7106.4	7020.0	6998.4	7052.4	7063.2	6890.4	6804.0	6771.6	6771.6	6717.6	6782.4	7106.4
AVERAGE DEMAND	6911.8	TOTAL REVENUE	1,685,811.77	TOTAL KWH	43701000									
6	LP5	KWH	4033000	3956000	3121000	3066000	2813000	3024000	3071000	3472000	3626000	4125000	4811000	4710000
		BKW	7396.0	7413.0	6342.0	5927.0	5935.0	5910.0	6204.0	6385.0	6817.0	7733.0	8243.0	8631.0
		ON PEAK KW	7395.8	7413.1	6341.8	5927.0	5935.7	5909.8	6203.5	6385.0	6817.0	7732.8	8242.6	8631.4
		OFF PEAK KW	6661.4	6963.8	5823.4	5607.4	5676.5	5374.1	5892.5	6419.5	6549.1	7620.5	7879.7	8510.4
AVERAGE DEMAND	6911.4	TOTAL REVENUE	1,681,094.02	TOTAL KWH	43828000									
7	LP5	KWH	3273000	3133000	2837000	3000000	2687000	2545000	2790000	2531000	2581000	2693000	3057000	3201000
		BKW	7841.0	7830.0	6869.0	6545.0	6383.0	6296.4	6069.6	6307.2	6447.6	6901.2	6956.0	7830.0
		ON PEAK KW	7776.0	7830.0	6804.0	6544.8	6372.0	6296.4	6037.2	6307.2	6382.8	6901.2	6966.0	7830.0
		OFF PEAK KW	7840.8	7689.6	6868.8	6328.8	6382.8	6188.4	6069.6	6285.6	6447.6	6609.6	6879.6	7819.2
AVERAGE DEMAND	6857.2	TOTAL REVENUE	1,390,727.11	TOTAL KWH	34328000									

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST CUSTOMERS REPORT RATE LP5

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
8	LP5	KWH	3510000	3785000	3686000	3141000	2606000	2537000	3143000	3396000	3092000	3159000	3471000	2377000
		BKW	7024.0	6998.0	6947.0	6497.0	6541.0	6877.0	7111.0	6903.0	6731.0	6212.0	6480.0	6281.0
		ON PEAK KW	7024.3	6998.4	6946.6	6497.3	6540.5	6877.4	7110.7	6903.4	6730.6	6212.2	6480.0	6281.3
		OFF PEAK KW	6575.0	6713.3	6601.0	6194.9	6540.5	6333.1	6739.2	6739.2	6454.1	5996.2	6177.6	6220.8
AVERAGE DEMAND	6716.8	TOTAL REVENUE	1,472,632.09	TOTAL KWH	37903000									
9	LP5	KWH	3647000	3131000	3342000	3293000	3070000	2153000	3088000	3196000	3125000	3327000	3598000	3666000
		BKW	6670.0	6541.0	6463.0	6541.0	6333.0	6255.0	6376.0	6281.0	6117.0	6696.0	6653.0	6661.0
		ON PEAK KW	6670.1	6540.5	6462.7	6540.5	6333.1	6255.4	6376.3	6281.3	6117.1	6696.0	6652.8	6661.4
		OFF PEAK KW	6747.8	6350.4	6065.3	6169.0	6082.6	5261.8	6048.0	6186.2	6117.1	6367.7	6359.0	6566.4
AVERAGE DEMAND	6465.6	TOTAL REVENUE	1,492,534.34	TOTAL KWH	38636000									
10	LP5	KWH	1949000	1778000	1776000	1911000	2035000	1949000	2405000	2158000	2149000	2288000	2596000	1884000
		BKW	5357.0	5702.0	5530.0	5357.0	5357.0	5961.6	6480.0	6480.0	6652.8	7257.6	7516.8	7257.6
		ON PEAK KW	5356.8	5702.4	5529.6	5356.8	5356.8	5961.6	6480.0	6480.0	6652.8	7257.6	7516.8	7257.6
		OFF PEAK KW	2937.6	2764.8	3024.0	3196.8	3715.2	3628.8	3974.4	4060.8	4060.8	4233.6	4406.4	4579.2
AVERAGE DEMAND	6242.5	TOTAL REVENUE	1,087,430.41	TOTAL KWH	24878000									
11	LP5	KWH	3564000	3383000	3701000	3360000	3702000	3871000	4281000	4554000	3875000	3507000	3867000	3692000
		BKW	5780.0	5430.0	5780.0	5599.0	5988.0	6584.0	7231.7	7011.4	6765.1	6052.3	5935.7	5883.8
		ON PEAK KW	5780.2	5430.2	5780.2	5598.7	5987.5	6583.7	7231.7	7011.4	6765.1	6052.3	5935.7	5883.8
		OFF PEAK KW	5326.6	4950.7	5222.9	5274.7	5443.2	5806.1	6700.3	6544.8	6091.2	5637.6	5521.0	5274.7
AVERAGE DEMAND	6170.1	TOTAL REVENUE	1,687,836.22	TOTAL KWH	45357000									
12	LP5	KWH	3317000	3460000	3540000	3941000	3366000	2875000	3392000	3441000	3843000	3435000	3179000	2726000
		BKW	5947.0	5993.0	6199.0	6552.0	6602.0	5947.0	6048.0	6148.8	5947.2	5846.4	5695.2	5292.0
		ON PEAK KW	5947.2	5997.6	6199.2	6552.0	6602.4	5947.2	6048.0	6148.8	5947.2	5846.4	5695.2	5292.0
		OFF PEAK KW	5745.6	5644.8	5997.6	6300.0	6300.0	5695.2	5695.2	5947.2	5644.8	5594.4	5292.0	4989.6
AVERAGE DEMAND	6018.6	TOTAL REVENUE	1,518,936.23	TOTAL KWH	40515000									
13	LP5	KWH	1937000	1837000	1495000	1618000	2446000	2757000	2731000	2131000	1810000	1585000	1617000	1915000
		BKW	5383.0	5106.0	3931.0	4579.0	6860.0	9331.0	7240.0	6454.0	6221.0	4493.0	4899.0	5607.0
		ON PEAK KW	5382.7	5106.2	3931.2	4579.2	6860.2	9331.2	7240.3	6454.1	6220.8	4492.8	4898.9	5607.4
		OFF PEAK KW	5209.9	5071.7	3991.7	4631.0	6601.0	7992.0	6272.6	6341.8	5581.4	4302.7	4942.1	5633.3
AVERAGE DEMAND	5842.0	TOTAL REVENUE	1,027,356.87	TOTAL KWH	23879000									
14	LP5	KWH	1862000	1726000	1811000	1783000	1876000	2121000	2016000	2071000	1966000	1812000	1960000	1904000
		BKW	5193.0	5124.0	5253.0	5348.0	5558.0	5478.0	5555.5	5579.3	5359.0	5339.5	5415.1	5626.8
		ON PEAK KW	5192.6	5123.5	5253.1	5348.2	5557.7	5477.8	5555.5	5579.3	5359.0	5339.5	5415.1	5626.8
		OFF PEAK KW	3378.2	3291.8	3343.7	2367.4	2779.9	2829.6	3088.8	3265.9	3291.8	3309.1	3419.3	3497.0
AVERAGE DEMAND	5402.4	TOTAL REVENUE	972,779.50	TOTAL KWH	22908000									

PENNSYLVANIA POWER & LIGHT COMPANY

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LARGEST CUSTOMERS REPORT RATE LP5

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
15	LP5	KWH	1608000	1493000	1449000	1424000	1455000	1405000	1559000	1567000	1328000	1201000	1427000	865000
		BKW	5508.0	5378.0	5465.0	5486.0	5314.0	4990.0	5443.2	5140.8	5551.2	4924.8	5551.2	5572.8
		ON PEAK KW	5508.0	5378.4	5464.8	5486.4	5313.6	4989.6	5443.2	5140.8	5551.2	4924.8	5551.2	5572.8
		OFF PEAK KW	4773.6	4903.2	4557.6	4881.6	4816.8	4795.2	4881.6	4622.4	4816.8	4557.6	5076.0	4600.8
AVERAGE DEMAND	5360.4	TOTAL REVENUE		771,771.74	TOTAL KWH	16781000								
16	LP5	KWH	1928000	2261000	2363000	2610000	2340000	2112000	2495000	2291000	1986000	1852000	2016000	1296000
		BKW	4980.0	4950.0	5240.0	5320.0	5360.0	5520.0	5700.0	5360.0	5080.0	4820.0	4520.0	4500.0
		ON PEAK KW	4980.0	4950.0	5240.0	5320.0	5360.0	5520.0	5700.0	5360.0	5080.0	4820.0	4520.0	4500.0
		OFF PEAK KW	4700.0	4640.0	4700.0	5140.0	5020.0	5060.0	5280.0	5120.0	4520.0	4160.0	4120.0	3780.0
AVERAGE DEMAND	5113.3	TOTAL REVENUE		1,027,449.12	TOTAL KWH	25550000								
17	LP5	KWH	3018000	2840000	2406000	2352000	2190000	2090000	2232000	2181000	2134000	2482000	2552000	2950000
		BKW	6000.0	5970.0	5340.0	4680.0	4380.0	4440.0	4590.0	4470.0	4350.0	5040.0	5130.0	6180.0
		ON PEAK KW	6000.0	5970.0	5340.0	4680.0	4380.0	4440.0	4590.0	4470.0	4350.0	5040.0	5130.0	6180.0
		OFF PEAK KW	5970.0	5730.0	5130.0	4440.0	4320.0	3960.0	4110.0	3990.0	3990.0	4830.0	4860.0	5730.0
AVERAGE DEMAND	5047.5	TOTAL REVENUE		1,140,885.03	TOTAL KWH	21427000								
18	LP5	KWH	1699000	1753000	1518000	1425000	1516000	1378000	1535000	1435000	1410000	1594000	1626000	1694000
		BKW	4847.0	5126.0	5469.0	5592.0	5333.0	3376.0	5378.4	5184.0	4827.6	4704.5	4775.8	5462.6
		ON PEAK KW	4847.0	5125.7	5469.1	5592.2	5333.0	3376.1	5378.4	5184.0	4827.6	4704.5	4775.8	5462.6
		OFF PEAK KW	2378.2	2306.9	4821.1	2086.6	2041.2	2060.6	2209.7	2151.4	2028.2	2313.4	2378.2	2553.1
AVERAGE DEMAND	5006.3	TOTAL REVENUE		816,835.40	TOTAL KWH	18583000								
19	LP5	KWH	1556000	1559000	1295000	1663000	1561000	1552000	1941000	1715000	1606000	1453000	1471000	1530000
		BKW	4940.0	4940.0	4220.0	4820.0	4740.0	5400.0	5340.0	5140.0	5180.0	4800.0	4980.0	4820.0
		ON PEAK KW	4940.0	4940.0	4220.0	4820.0	4740.0	5400.0	5340.0	5140.0	5180.0	4800.0	4980.0	4820.0
		OFF PEAK KW	3140.0	3020.0	2520.0	3080.0	3160.0	3420.0	3540.0	3480.0	3240.0	3140.0	3160.0	2680.0
AVERAGE DEMAND	4943.3	TOTAL REVENUE		827,974.39	TOTAL KWH	18902000								
20	LP5	KWH	1170000	1195000	1424000	1374000	1335000	1140000	1332000	1383000	1461000	1452000	1481000	1222000
		BKW	4784.0	4579.0	5119.0	4990.0	4709.0	4752.0	4763.0	5033.0	4936.0	5130.0	4914.0	5108.0
		ON PEAK KW	4784.4	4579.2	5119.2	4989.6	4708.8	4752.0	4762.8	5032.8	4935.6	5130.0	4914.0	5108.4
		OFF PEAK KW	4438.8	4309.2	4654.8	5011.2	4309.2	4212.0	4384.8	4708.8	4482.0	4482.0	4568.4	6156.0
AVERAGE DEMAND	4901.4	TOTAL REVENUE		734,821.32	TOTAL KWH	15969000								

PENNSYLVANIA POWER & LIGHT COMPANY

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LARGEST CUSTOMERS REPORT RATE LP6

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	LP6	KWH	44580000	64670000	64000000	75030000	64060000	72710000	65140000	59760000	55880000	68740000	59210000	42870000
		BKW	139200.0	139200.0	139200.0	138900.0	114000.0	141900.0	114300.0	119400.0	119400.0	140700.0	114300.0	114000.0
		ON PEAK KW	139200.0	139200.0	139200.0	138900.0	114000.0	141900.0	114300.0	119400.0	119400.0	140700.0	114300.0	114000.0
		OFF PEAK KW	175200.0	177300.0	172200.0	176700.0	130500.0	179700.0	178200.0	136800.0	135500.0	168600.0	166500.0	128700.0
AVERAGE DEMAND	127875.0	TOTAL REVENUE	27,126,235.48		TOTAL KWH	736650000								
2	LP6	KWH	47994000	53409000	50513000	38876000	45181000	46061000	46770000	53605000	47445000	37827000	38416000	29596000
		BKW	89438.0	98490.0	97290.0	84524.0	90420.0	90411.0	94219.0	93716.0	88183.0	80304.0	79258.0	66255.0
		ON PEAK KW	89437.5	98490.0	97290.0	84523.8	90420.0	90411.2	94218.7	93716.3	88182.5	80303.7	79257.5	66295.0
		OFF PEAK KW	92696.2	105815.0	100396.2	87392.5	89687.5	93901.2	93852.5	96233.8	100020.0	83893.7	78660.0	73521.3
AVERAGE DEMAND	87712.3	TOTAL REVENUE	19,482,461.50		TOTAL KWH	535693000								
3	LP6	KWH	29969000	28309000	26681000	28824000	22267000	24213000	26564000	25568000	25095000	22640000	27716000	23923000
		BKW	41126.0	41256.0	41083.0	39226.0	31018.0	41299.0	41515.0	40565.0	39701.0	40003.0	39917.0	39787.0
		ON PEAK KW	41126.4	41256.0	41083.2	39225.6	31017.6	41299.2	41515.2	40564.8	39700.8	40003.2	39916.8	39787.2
		OFF PEAK KW	41169.6	41256.0	41212.8	39268.8	31103.9	41169.6	42120.0	40392.0	39787.2	39830.4	39916.8	39614.4
AVERAGE DEMAND	39708.0	TOTAL REVENUE	10,823,292.52		TOTAL KWH	311769000								
4	LP6	KWH	16604000	15284000	13499000	14073000	13072000	11388000	13252000	12571000	14224000	14046000	15047000	17159000
		BKW	27950.0	26525.0	23242.0	23414.0	20650.0	20779.0	21168.0	21168.0	23371.0	24926.0	26395.0	27173.0
		ON PEAK KW	27950.4	26524.8	23241.6	23414.4	20649.6	20779.2	21168.0	21168.0	23371.2	24926.4	26395.2	27172.8
		OFF PEAK KW	24494.4	24408.0	21945.6	21816.0	18705.6	18576.0	19440.0	19828.8	21427.2	22939.2	24019.2	25488.0
AVERAGE DEMAND	23896.8	TOTAL REVENUE	6,021,060.74		TOTAL KWH	170219000								
5	LP6	KWH	9437000	11260000	11178000	11747000	9484000	8811000	10368000	10041000	9631000	10081000	10964000	9223000
		BKW	21500.0	21800.0	21875.0	21850.0	22225.0	21100.0	21150.0	22300.0	21150.0	20700.0	22175.0	21575.0
		ON PEAK KW	21500.0	21800.0	21875.0	21850.0	22225.0	21100.0	21150.0	22300.0	21150.0	20700.0	22175.0	21575.0
		OFF PEAK KW	21150.0	21650.0	21325.0	21825.0	21675.0	20500.0	20900.0	22000.0	21000.0	20475.0	21900.0	20975.0
AVERAGE DEMAND	21616.7	TOTAL REVENUE	4,521,509.68		TOTAL KWH	122225000								
6	LP6	KWH	0	0	0	0	0	0	0	0	0	0	0	6561000
		BKW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21408.0
		ON PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21408.0
		OFF PEAK KW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24864.0
AVERAGE DEMAND	21408.0	TOTAL REVENUE	272,021.58		TOTAL KWH	6561000								
7	LP6	KWH	9428000	8827000	9081000	9138000	7385000	7673000	8059000	7975000	7534000	8085000	8572000	8519000
		BKW	21410.0	21498.0	20010.0	20425.0	19544.0	20062.1	19180.8	18792.0	19336.3	20191.7	20321.3	20243.5
		ON PEAK KW	21409.9	21497.7	20010.2	20425.0	19543.7	20062.1	19180.8	18792.0	19336.3	20191.7	20321.3	20243.5
		OFF PEAK KW	18584.6	17884.8	17677.4	17962.6	16251.8	17755.2	16666.6	16614.7	16744.3	17236.8	18144.0	18066.2
AVERAGE DEMAND	20083.7	TOTAL REVENUE	3,839,297.20		TOTAL KWH	101076000								

PENNSYLVANIA POWER & LIGHT COMPANY

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CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
8	LP6	KWH	7113000	6823000	5874000	6089000	5991000	5701000	6465000	6089000	5995000	6484000	6487000	7283000
		BKW	22894.0	18973.0	16330.0	15682.0	14930.0	15448.3	15500.2	15137.3	16277.8	18221.7	19154.9	19751.0
		ON PEAK KW	0.0	18973.4	16329.6	15681.6	14929.9	15448.3	15500.2	15137.3	16277.8	18221.7	19154.9	19751.0
		OFF PEAK KW	0.0	12752.6	10057.0	9771.8	10108.8	10160.6	10523.5	10290.2	10393.9	12597.1	13167.4	14178.2
AVERAGE DEMAND	17358.4	TOTAL REVENUE	3,010,365.76	TOTAL KWH	76394000									
9	LP6	KWH	11207000	10342000	10998000	10962000	10644000	11386000	10885000	11117000	10629000	10323000	10991000	10490000
		BKW	16459.0	16070.0	16157.0	18014.0	19181.0	16373.0	17194.0	16762.0	18533.0	16762.0	16546.0	16502.0
		ON PEAK KW	16459.2	16070.4	15940.8	18014.4	17684.8	16372.8	17193.6	16761.6	18532.8	16761.6	16545.6	16502.4
		OFF PEAK KW	16156.8	16070.4	16156.8	17539.2	19180.8	16502.4	17150.4	20390.4	18489.6	18705.6	17020.8	16502.4
AVERAGE DEMAND	17046.1	TOTAL REVENUE	4,514,940.11	TOTAL KWH	129974000									
10	LP6	KWH	8056000	7849000	7423000	7675000	6789000	6782000	7828000	7210000	7275000	7044000	7838000	8067000
		BKW	17833.0	17695.0	17142.0	16554.0	16623.0	16484.9	16554.0	16726.8	16104.8	16830.5	16899.6	17936.4
		ON PEAK KW	17832.7	17694.5	17141.6	16554.0	16623.2	16484.9	16554.0	16726.8	16104.8	16830.5	16899.6	17936.4
		OFF PEAK KW	14204.0	14653.3	13340.0	13720.2	13201.8	13443.7	13512.8	13340.0	13616.5	13789.3	13789.3	14722.4
AVERAGE DEMAND	16948.7	TOTAL REVENUE	3,380,570.15	TOTAL KWH	89836000									
11	LP6	KWH	4018000	6430000	6159000	6594000	5601000	5616000	6572000	6114000	5669000	5637000	5638000	4819000
		BKW	17558.0	17798.0	18202.0	19094.0	16992.0	15149.0	15523.2	15264.0	15235.2	16646.4	13478.4	13305.6
		ON PEAK KW	17558.0	17798.4	18201.6	19094.4	16992.0	15148.8	15523.2	15264.0	15235.2	16646.4	13478.4	13305.6
		OFF PEAK KW	16243.2	16963.2	16560.0	17424.0	14428.8	14227.2	14515.2	14428.8	14688.0	14400.0	12844.8	12758.4
AVERAGE DEMAND	16188.0	TOTAL REVENUE	2,701,526.34	TOTAL KWH	68867000									
12	LP6	KWH	1517000	1240000	1590000	1835000	2003000	2102000	2003000	2237000	2120000	1873000	3121000	1897000
		BKW	20000.0	20000.0	20000.0	20000.0	20000.0	17000.0	10000.0	10000.0	10000.0	10000.0	10000.0	16000.0
		ON PEAK KW	12000.0	7000.0	13000.0	14000.0	14000.0	17000.0	7000.0	8000.0	8000.0	8000.0	6000.0	16000.0
		OFF PEAK KW	9000.0	6000.0	13000.0	12000.0	8000.0	17000.0	9000.0	9000.0	8000.0	7000.0	7000.0	12000.0
AVERAGE DEMAND	15250.0	TOTAL REVENUE	1,368,090.35	TOTAL KWH	23538000									
13	LP6	KWH	9356000	8593000	8770000	9542000	9176000	7174000	4510000	5324000	7961000	8229000	10175000	8694000
		BKW	14890.0	15005.0	14918.0	14861.0	15120.0	12499.0	12442.0	13565.0	13580.0	14227.0	15264.0	15120.0
		ON PEAK KW	14889.6	15004.8	14918.4	14860.8	15120.0	12499.2	12441.6	13564.8	13580.0	14227.2	15264.0	15120.0
		OFF PEAK KW	14342.4	14774.4	14976.0	14889.6	14947.2	14659.2	13420.8	14428.8	14284.8	14716.8	14716.8	14716.8
AVERAGE DEMAND	14299.3	TOTAL REVENUE	3,451,028.92	TOTAL KWH	97504000									
14	LP6	KWH	7519000	7768000	5927000	8342000	7594000	6380000	3863000	8619000	4969000	5944000	8276000	5997000
		BKW	13414.0	13522.0	13716.0	13781.0	13975.0	13975.0	8640.0	13586.0	13241.0	12917.0	13306.0	13111.0
		ON PEAK KW	13413.6	13521.6	13716.0	13780.8	13975.2	13975.2	8640.0	13586.4	13240.8	12916.8	13305.6	13111.2
		OFF PEAK KW	13340.8	13348.8	13521.6	14040.0	13716.0	13975.2	13824.0	13413.6	13543.2	13003.2	13154.4	13262.4
AVERAGE DEMAND	13098.7	TOTAL REVENUE	2,938,373.15	TOTAL KWH	81198000									

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

LARGEST CUSTOMERS REPORT RATE LP6

CUST REFERENCE #	RATE		AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
15	LP6	KWH	7220000	6955000	7761000	7675000	7245000	5101000	4535000	4752000	5508000	5097000	6025000	7058000
		BKI	13262.0	13712.0	13599.0	13401.0	13725.0	12036.0	10346.0	11668.0	12839.0	12908.0	13669.0	13470.0
		ON PEAK KW	13262.4	13711.7	13599.4	13400.6	13724.6	12035.5	10346.4	11668.3	12839.0	12908.2	13668.5	13469.8
		OFF PEAK KW	14230.1	13504.3	13685.8	14178.2	13754.9	12804.5	10350.7	11676.9	12791.5	12865.0	13469.8	13348.8
AVERAGE DEMAND	12886.3	TOTAL REVENUE	2,789,164.74	TOTAL KWH	76932000									
16	LP6	KWH	4914000	4249000	4700000	4347000	4175000	3630000	4885000	4637000	3955000	3645000	3668000	3190000
		BKI	13738.0	13053.0	13421.0	13421.0	13738.0	13219.0	11750.4	12268.8	12153.6	10022.4	9504.0	9216.0
		ON PEAK KW	13737.6	13052.8	13420.8	13420.8	13737.6	13219.2	11750.4	12268.8	12153.6	10022.4	9504.0	9216.0
		OFF PEAK KW	8035.2	8121.6	8092.8	8064.0	8006.4	7660.8	8409.6	7977.6	7747.2	7516.8	7459.2	7286.4
AVERAGE DEMAND	12192.1	TOTAL REVENUE	1,973,748.61	TOTAL KWH	49995000									
17	LP6	KWH	6007000	7597000	7694000	3285000	7995000	7306000	7477000	6773000	7147000	7477000	6527000	6747000
		BKI	10066.0	12571.0	12593.0	12895.0	13120.0	12576.0	11621.0	11863.0	11992.0	11197.0	11180.0	10705.0
		ON PEAK KW	10065.6	12571.2	12592.8	12895.2	13119.8	12575.5	11620.8	11862.7	11992.3	11197.4	11180.2	10705.0
		OFF PEAK KW	9439.2	12247.2	12247.2	12247.2	12121.9	11383.2	10743.8	10808.6	11491.2	10510.6	10527.8	10100.2
AVERAGE DEMAND	11864.9	TOTAL REVENUE	2,903,431.20	TOTAL KWH	82032000									
18	LP6	KWH	5256500	4687700	4347000	4858500	4955300	5378500	5165200	4937300	5088100	4114900	4590600	5015600
		BKI	12420.0	11600.0	10480.0	10660.0	11140.0	11280.0	11480.0	11260.0	11220.0	11020.0	11720.0	12220.0
		ON PEAK KW	12420.0	11600.0	10480.0	10660.0	11140.0	11280.0	11480.0	11260.0	11220.0	11020.0	11720.0	12220.0
		OFF PEAK KW	9300.0	8700.0	8220.0	8500.0	9020.0	9140.0	9260.0	9040.0	8940.0	8240.0	8260.0	9340.0
AVERAGE DEMAND	11375.0	TOTAL REVENUE	2,197,716.15	TOTAL KWH	58395200									
19	LP6	KWH	6154000	7227000	6002000	6079000	4901000	4778000	5297000	4901000	5161000	6058000	5863000	5915000
		BKI	13025.0	12874.0	11815.0	11189.0	10022.0	9633.6	10216.8	10454.4	10800.0	11534.4	11880.0	12441.6
		ON PEAK KW	13024.8	12873.6	11815.2	11188.8	10022.4	9633.6	10216.8	10454.4	10800.0	11534.4	11880.0	12441.6
		OFF PEAK KW	11642.4	11383.2	10000.8	9352.8	8013.6	7754.4	7927.2	7927.2	8575.2	9396.0	9936.0	10454.4
AVERAGE DEMAND	11323.8	TOTAL REVENUE	2,492,014.33	TOTAL KWH	68336000									
20	LP6	KWH	3095000	7288000	6774000	4426000	737000	4375000	5793000	1225000	7325000	6555000	7512000	6866000
		BKI	11707.0	12211.0	12384.0	12485.0	1570.0	12283.0	12542.0	10310.0	12672.0	12154.0	12499.0	11851.0
		ON PEAK KW	11707.2	12211.2	12384.0	12484.8	1569.6	12283.2	12542.4	10310.4	12672.0	12153.6	12499.2	11851.2
		OFF PEAK KW	11246.4	11736.0	11462.4	12196.8	1281.6	12024.0	12369.6	8467.2	12110.4	11246.4	12168.0	11534.4
AVERAGE DEMAND	11222.3	TOTAL REVENUE	2,366,761.54	TOTAL KWH	61971000									

Q. 15. Provide fully distributed cost-of-service study analyses under present and proposed rates using the following demand allocation methodologies:

a. coincident peak responsibility
   (i) summer peak(s)
   (ii) winter peak(s)
b. non-coincident peak
c. average and excess
d. average demand

A. 15. See Exhibit AJB 2 for the requested cost allocation studies under present and proposed rates for the year ended July 31, 1982; and Exhibit AJB 3 for similar studies for the year ending July 31, 1983.

Q. 16. Provide a system load curve in KW (or KVA) as a function of time, on an hour or half-hour basis, for the peak day(s), as utilized in the cost-of-service (cost allocation) study. In addition, show a composite on this curve of the load curves for each of the service classifications as defined in the cost-of-service (cost allocation) study.

a. This composite shall be plotted in a manner such that the service classification with the highest load factor shown is on the bottom, the next higher load factor classification above it, etc. All curves shall be reflected up to the generation level. Where possible, separate the data based upon end-use -- i.e., residential into "without water heating," "with water heating," "all-electric," etc.

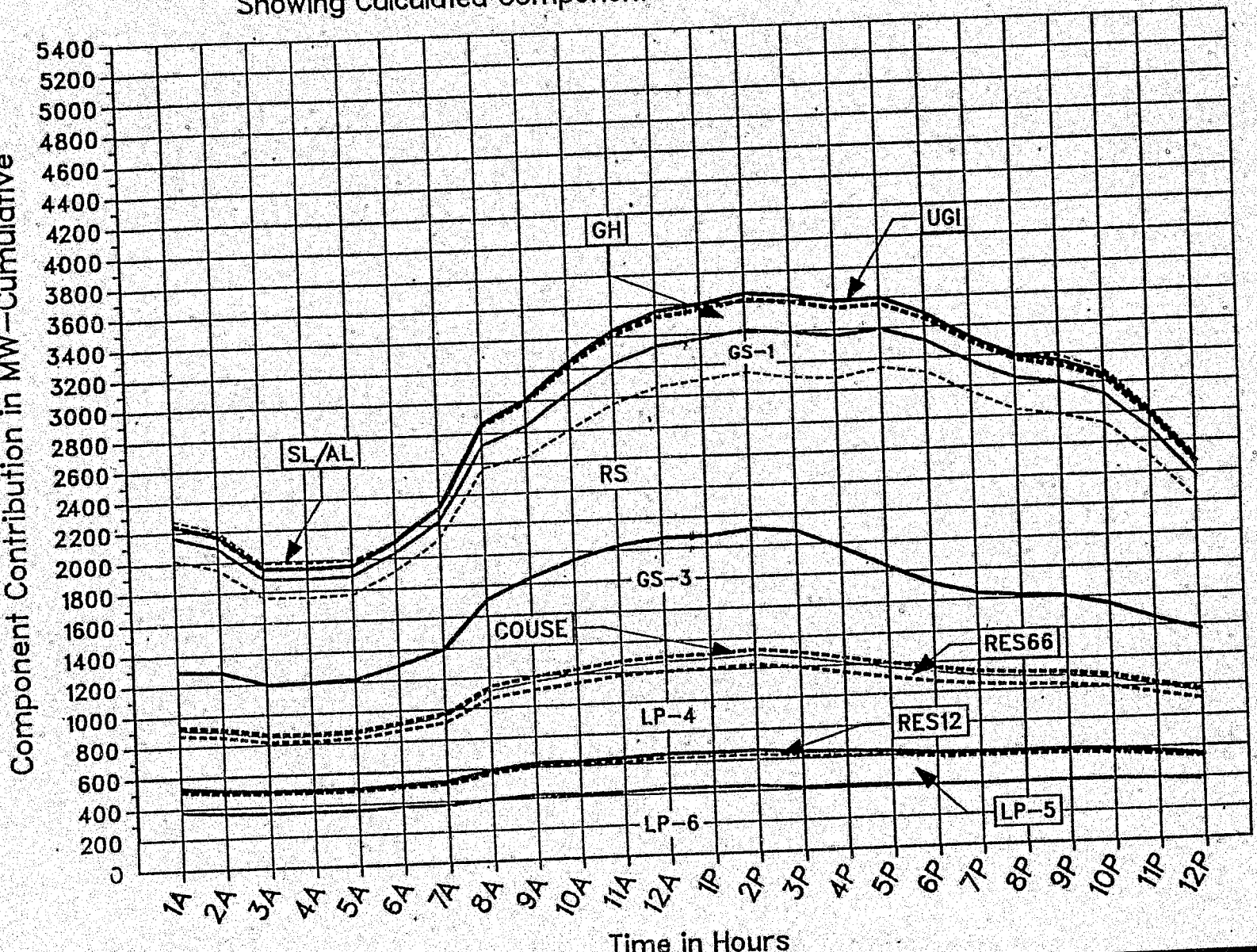
b. Provide the load factor for each class and subgroup thereof.

A. 16. a. Attachment IV-C-16 (a) provides component system load curves for each of the monthly system peak days for 12 months ended July 31, 1982. The rate classes are plotted in load factor order; the highest load factor class on the bottom. A key to customer class designations is provided on page 13.

b. Attachment IV-C-16 (b) contains a tabulation of rate class daily load factors for the days of monthly system peak.

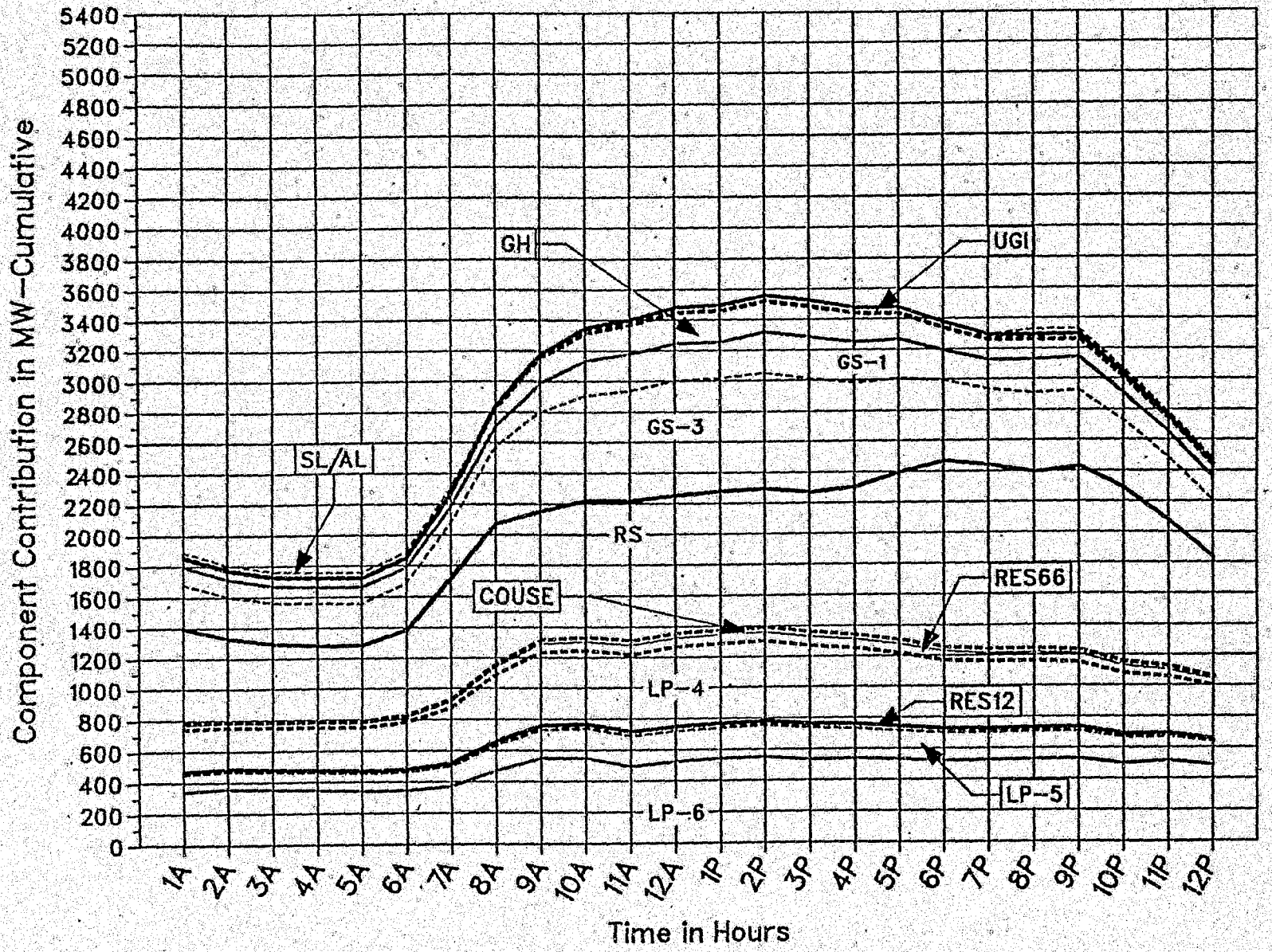
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– August 11, 1981
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



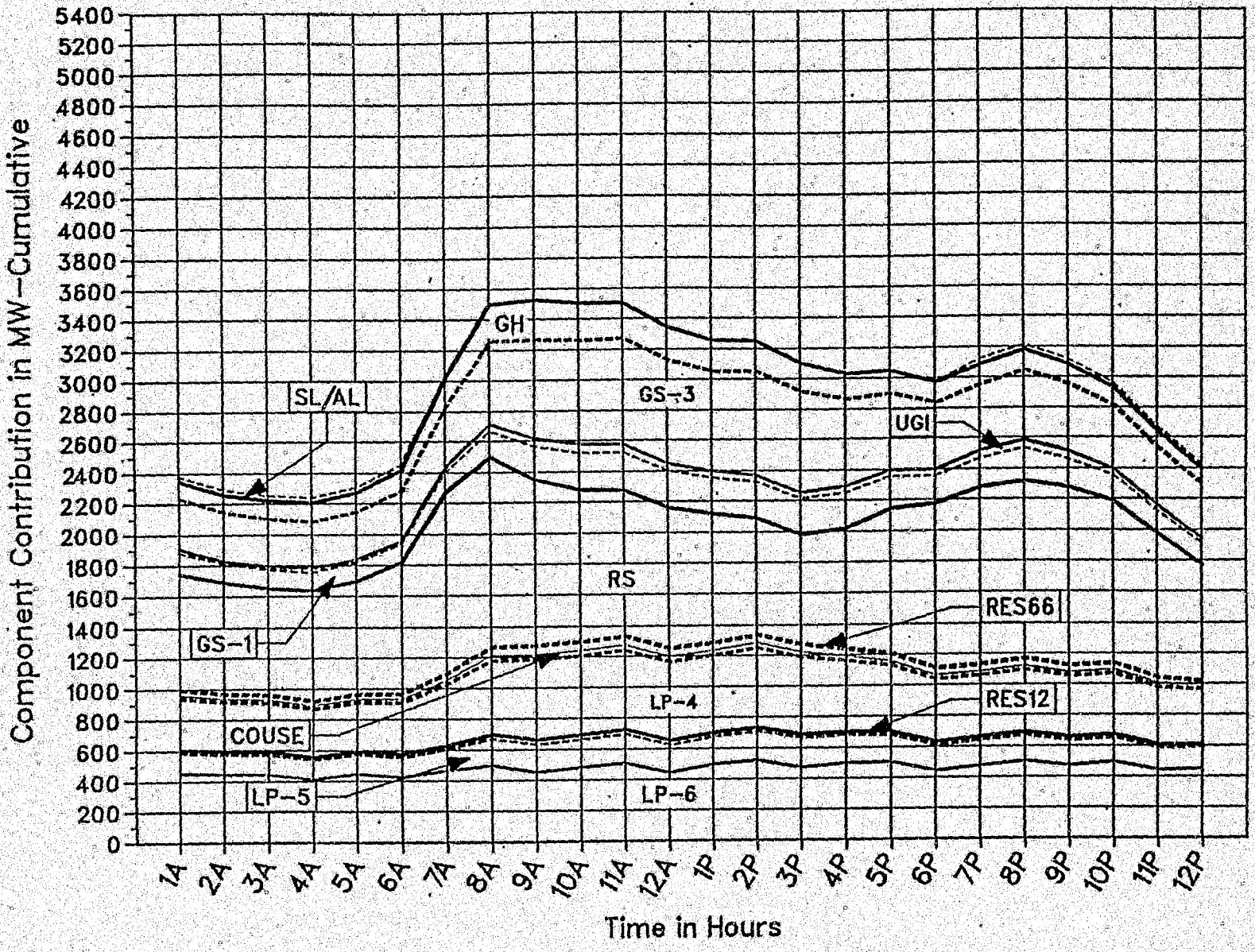
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– September 14, 1981
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



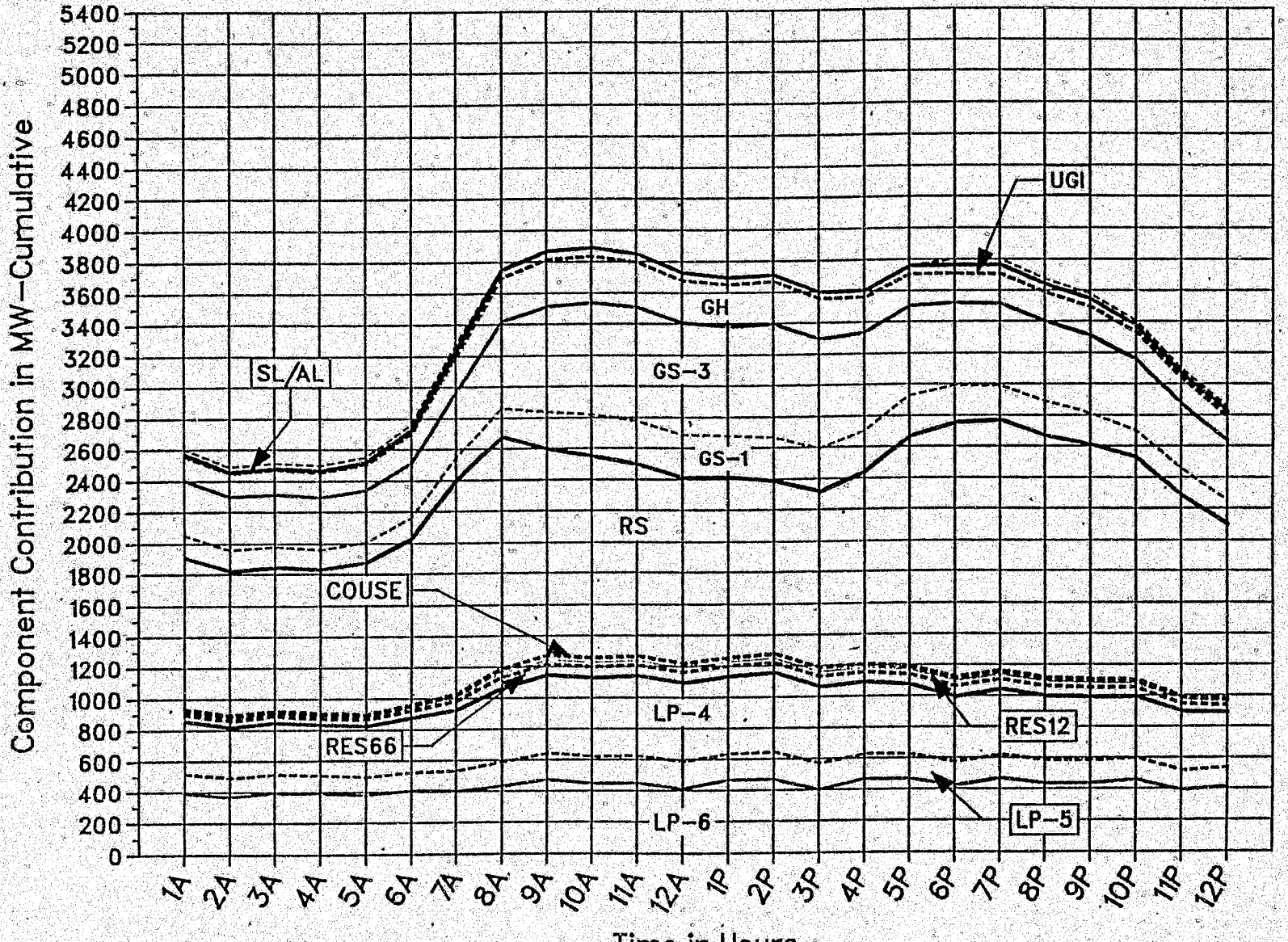
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– October 20, 1981
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



PENNSYLVANIA POWER & LIGHT COMPANY

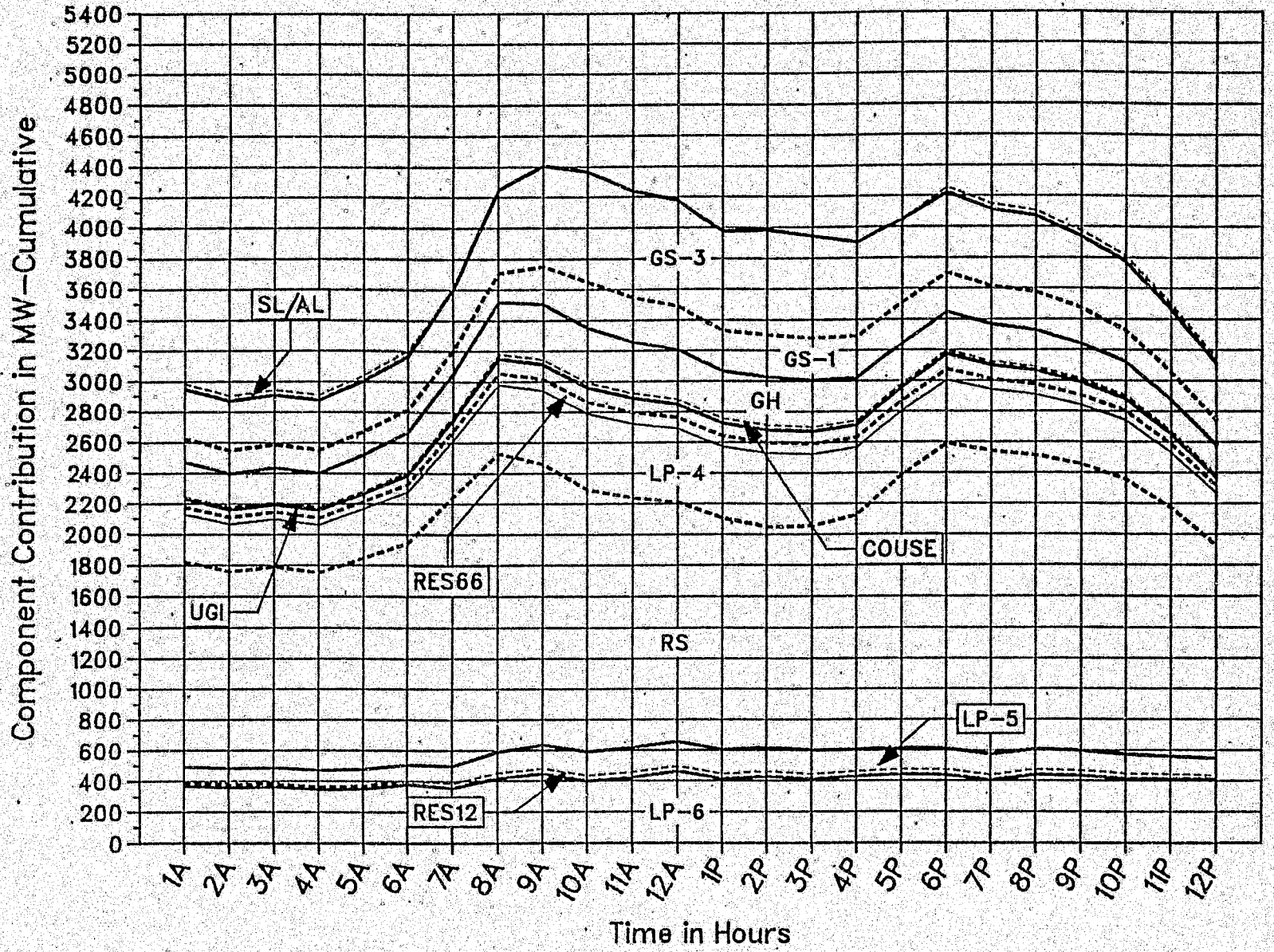
Day of Monthly System Peak Hourly Demand– November 24, 1981
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



Attachment IV-C-16 (a)
Page 4

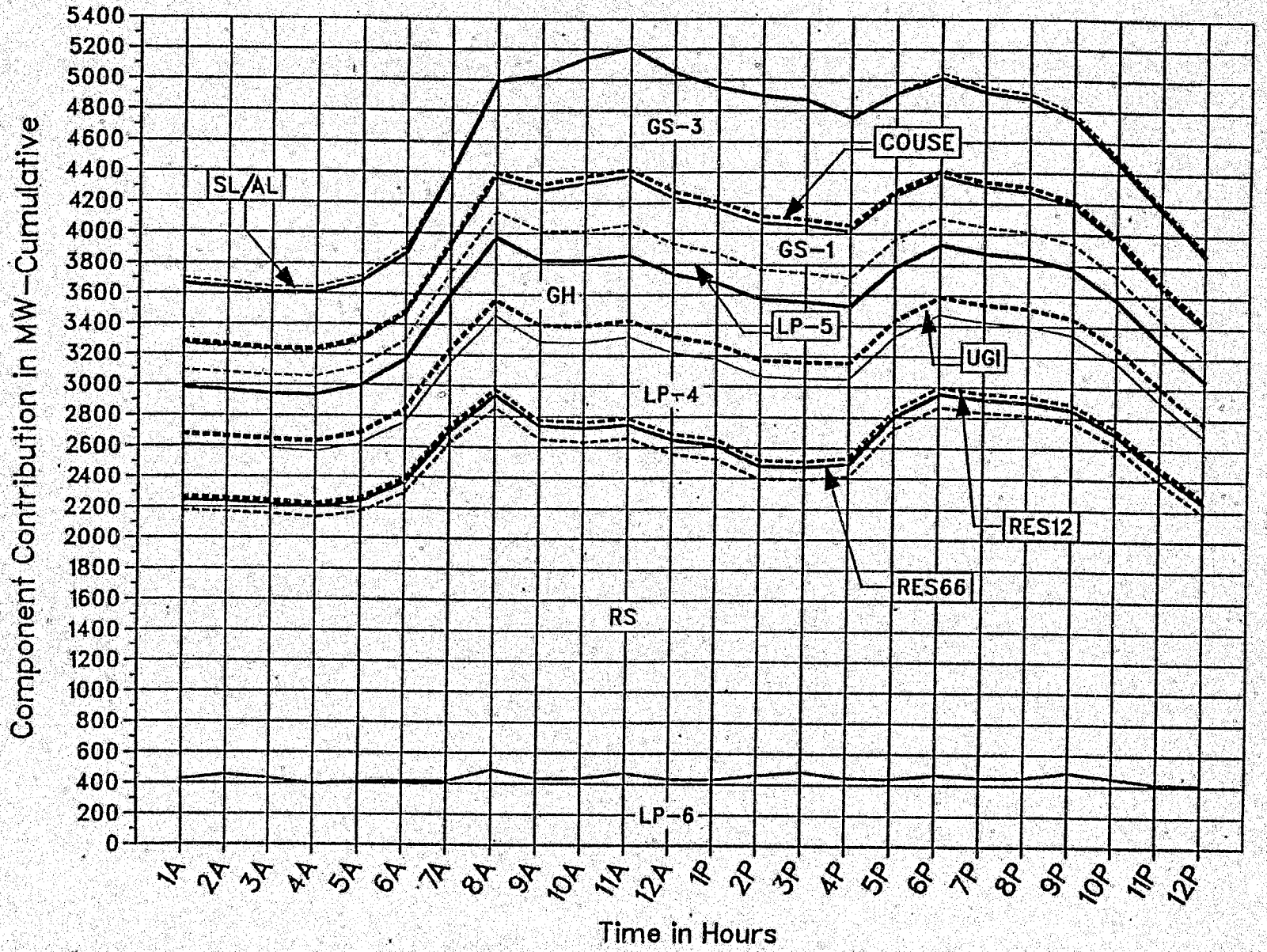
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– December 21, 1981
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



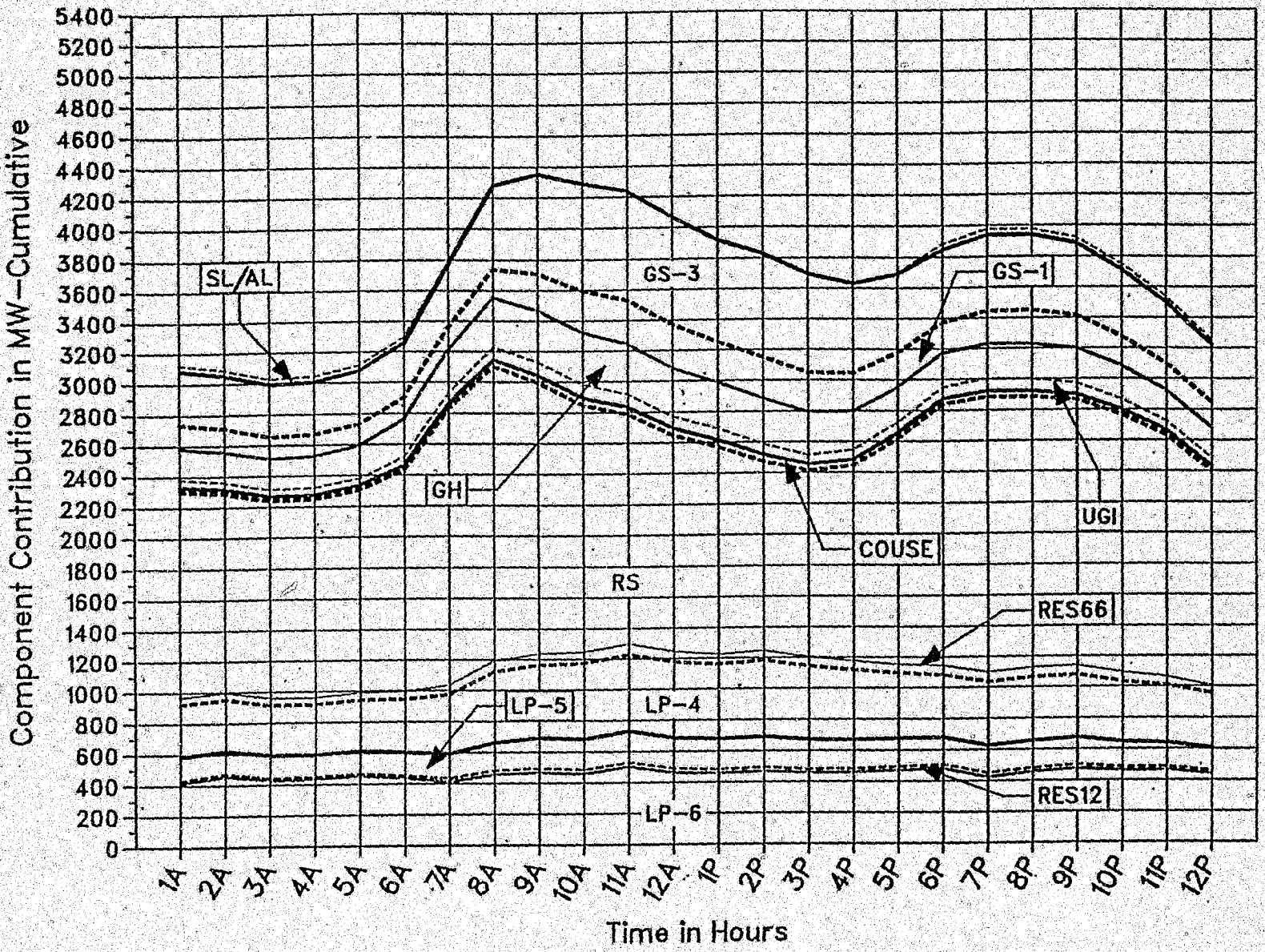
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– January 11, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



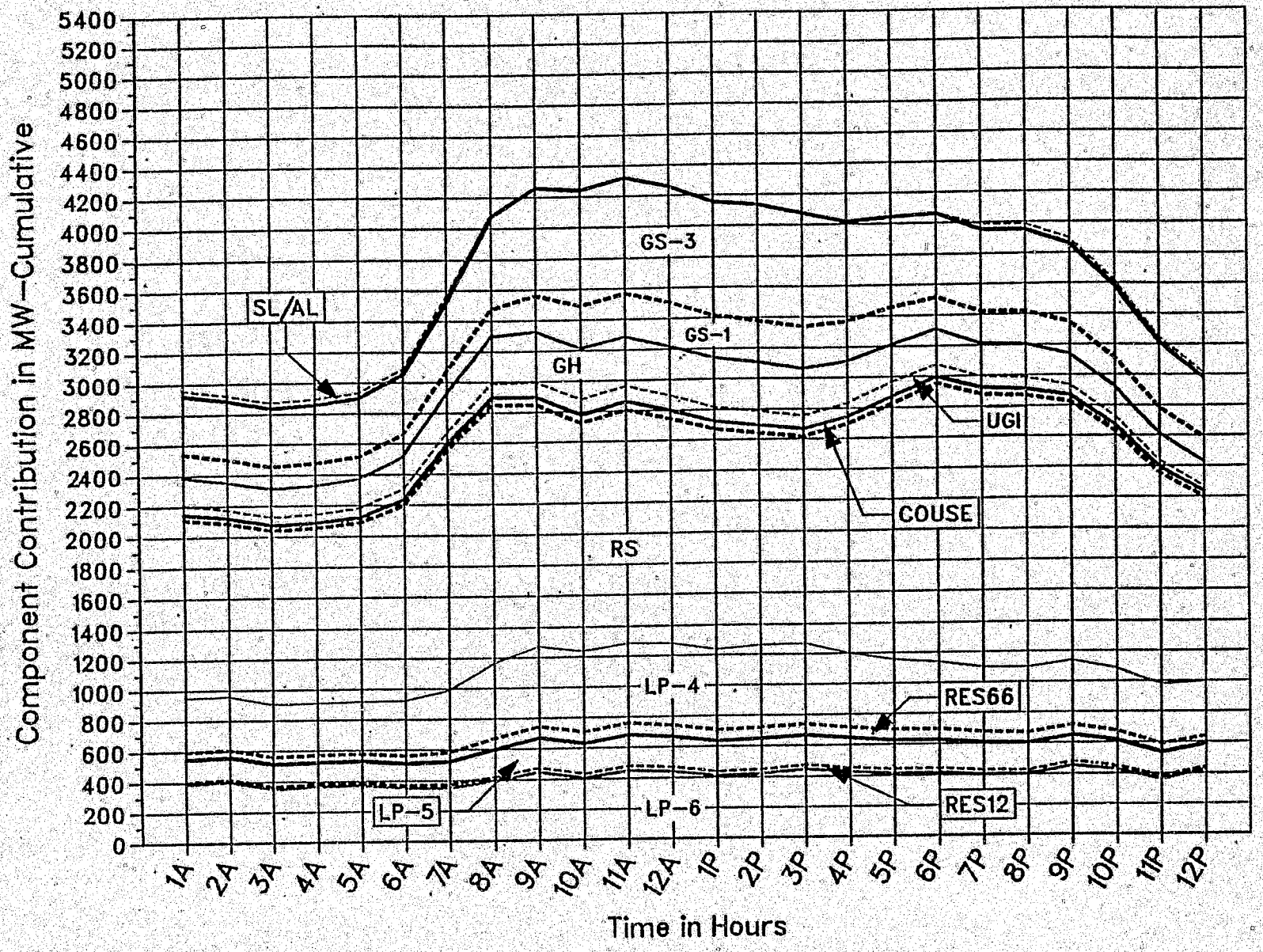
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– February 11, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



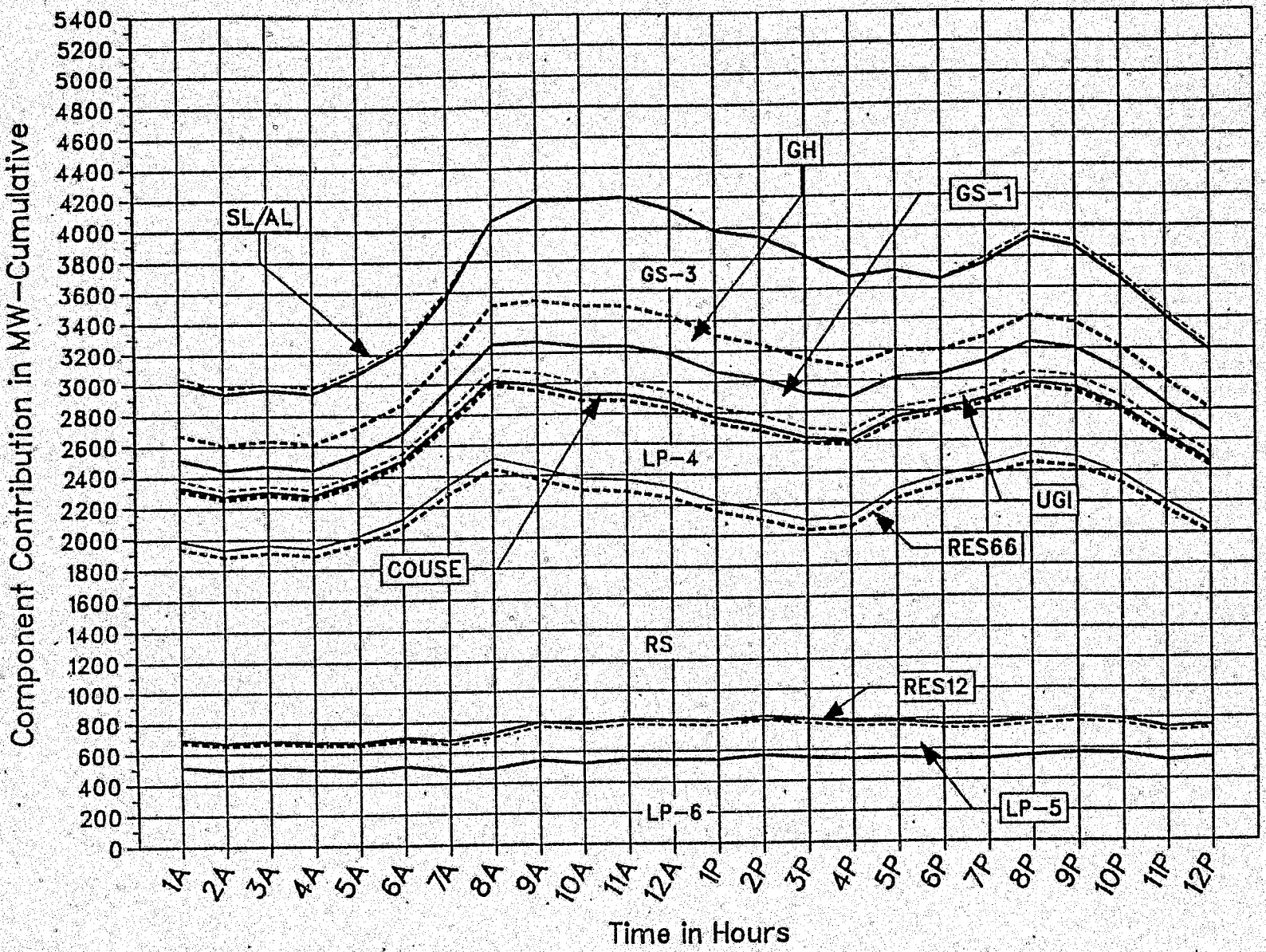
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– March 4, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



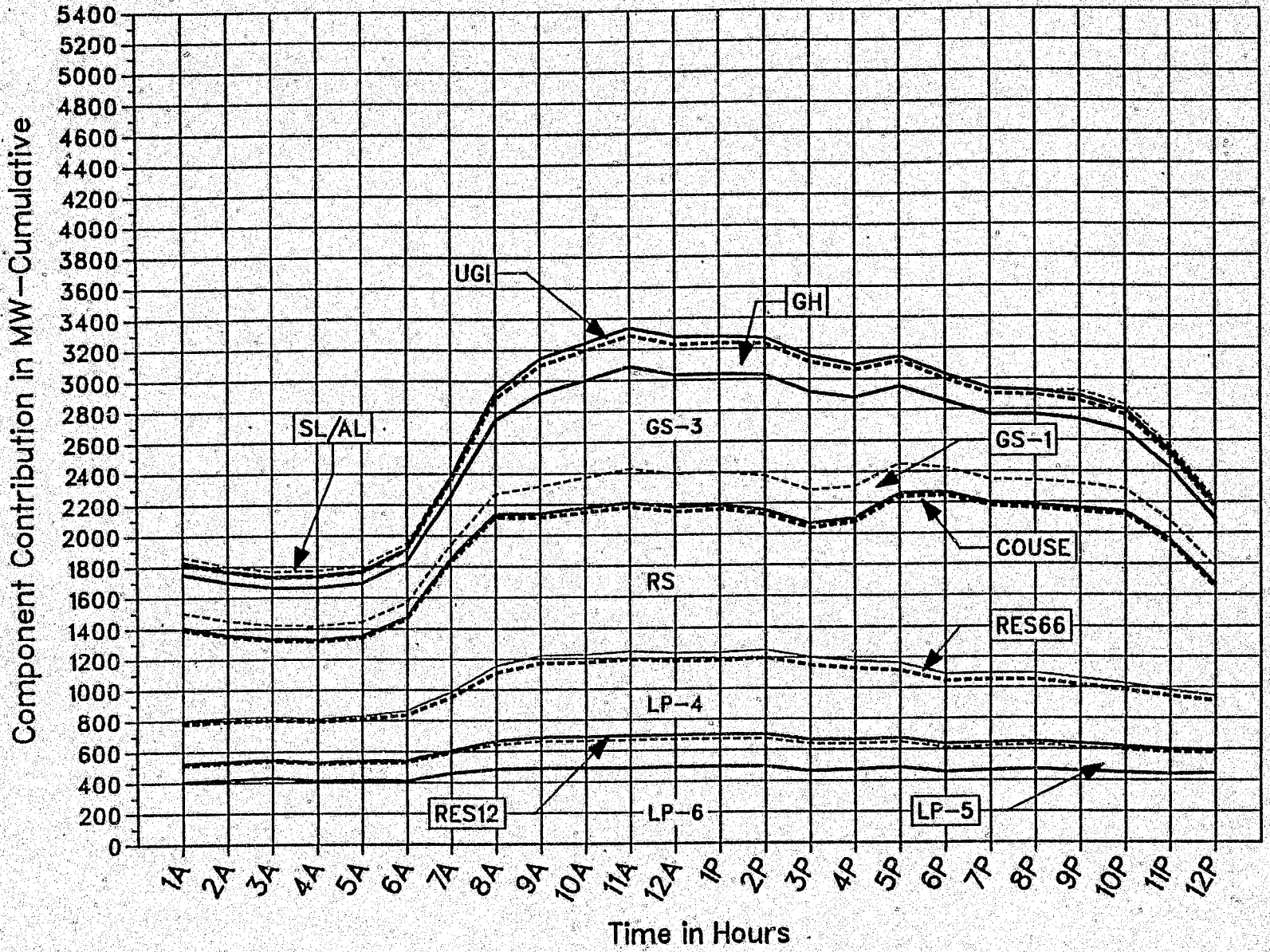
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– April 7, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



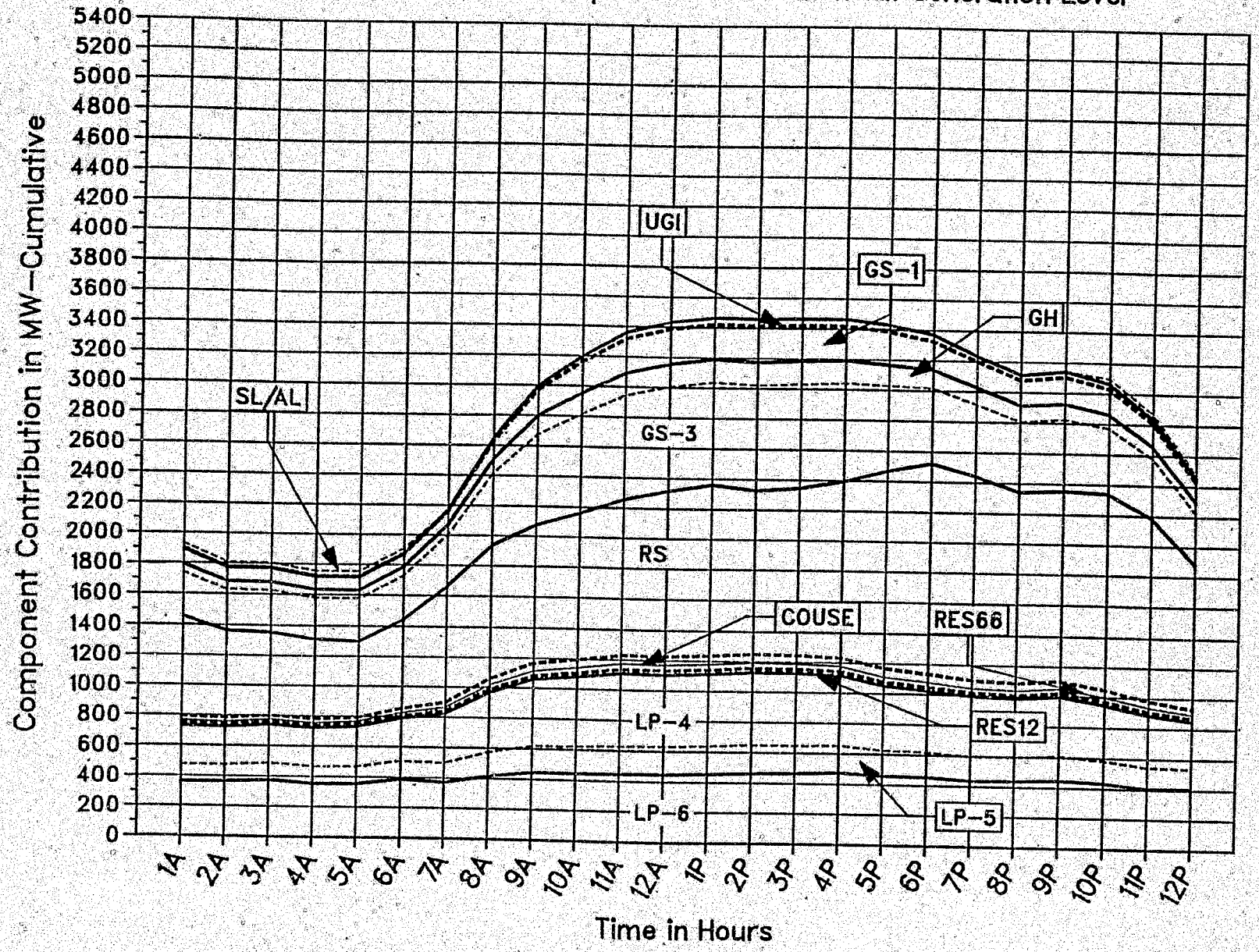
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– May 24, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



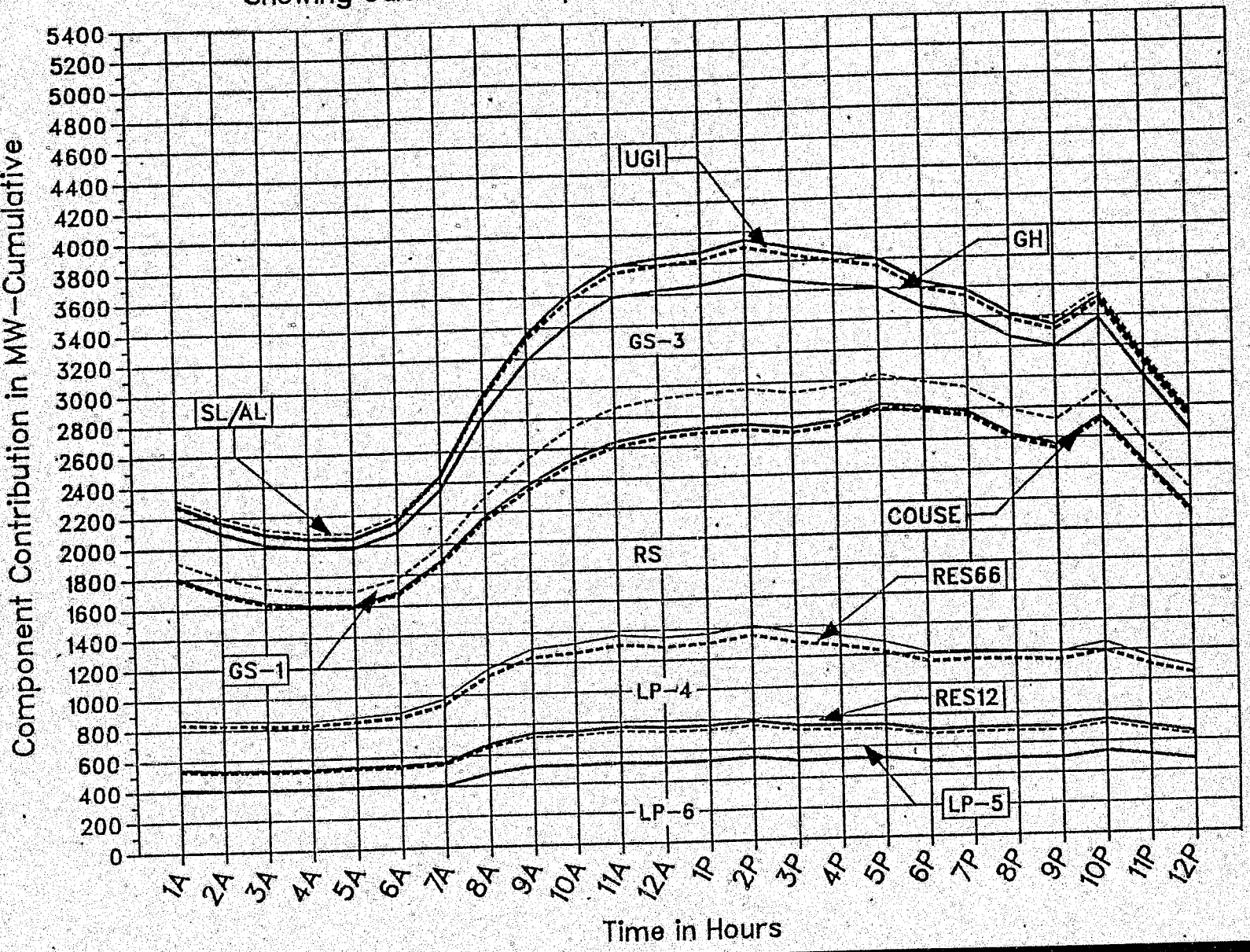
PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– June 28, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



PENNSYLVANIA POWER & LIGHT COMPANY

Day of Monthly System Peak Hourly Demand– July 19, 1982
by Rate Groups in Descending Load Factor Order
Showing Calculated Component Contributions at Generation Level



PENNSYLVANIA POWER & LIGHT COMPANY

CUSTOMER CLASS DESIGNATIONS

Residential Total	RS
Small General Service	GS-1
Large General Service - Secondary	GS-3
Large General Service - 12 kV	LP-4
Large General Service - 66 kV	LP-5
Large General Service - 66 kV 10 MW Min	LP-6
Commercial & Industrial Heating	GH
Street & Area Lighting	SL/AL
Resale 12 kV	RES12
Resale 66 kV	RES66
UGI - Luzerne Div.	UGI
Company Use	COUSE
Interdepartmental	INTDP

PENNSYLVANIA POWER & LIGHT COMPANY
RATE CLASS DAILY LOAD FACTORS FOR DAYS OF
MONTHLY SYSTEM PEAK DEMAND
YEAR ENDED JULY, 1982

RATE CLASS GROUPS	11AUG81	14SEP81	20OCT81	24NOV81	21DEC81	11JAN82	11FEB82	04MAR82	07APR82	24MAY82	28JUN82	19JUL82
RS	67.39	71.25	74.33	76.04	81.09	85.77	78.55	79.91	83.01	73.59	70.49	73.32
GS-1	67.15	66.64	72.71	73.19	73.41	76.48	71.76	72.61	73.79	68.63	67.27	68.37
GH	63.92	63.30	62.52	71.13	74.36	81.60	74.27	72.81	73.14	65.49	67.95	66.11
GS-3	68.44	66.73	68.91	71.37	69.58	72.22	70.59	72.47	70.93	66.28	68.69	66.59
LP-4	77.95	78.26	80.01	81.96	80.69	82.48	82.77	80.85	81.88	77.85	78.61	76.31
LP-5	82.05	80.46	84.97	83.18	81.43	80.85	84.29	84.04	85.26	81.34	81.34	80.70
LP-6	92.12	85.88	90.06	89.98	88.07	90.37	90.26	89.47	92.65	92.37	88.69	88.17
RESALE 12 KV	79.89	78.81	83.15	81.07	82.76	84.84	86.30	85.18	84.32	78.74	78.60	79.27
RESALE 66 KV	76.98	76.28	76.68	81.62	80.43	85.37	80.55	81.82	82.10	75.19	76.56	76.25
UGI	50.51	54.28	70.44	65.01	78.14	82.25	74.90	74.83	75.32	53.92	57.22	56.17
COMPANY USE	76.37	75.65	77.35	80.51	74.52	73.36	78.30	78.26	79.62	71.94	76.69	73.32
SL/AL	37.50	50.00	50.00	58.33	54.17	54.26	54.26	54.26	53.23	41.46	37.42	41.64
SYSTEM TOTAL	80.42	80.31	83.35	86.09	84.82	87.07	84.90	85.43	86.72	80.62	80.97	80.06

Pennsylvania Power & Light Company
Rate Class Daily Load Factors for Days of
Monthly System Peak Demand - Percent
Year Ended July 30, 1982

Q. 17. Provide a breakdown of the general residential class load curve(s) referred to above. The breakdown shall be based upon stratified levels of usage (kWh). In addition to the average demand on an hour or half-hour basis for each stratified usage level, show the maximum and minimum kW demands or standard deviation for each stratified usage level for all hours of the day.

A. 17. Attachment IV-C-17 provides summer and winter load curves by stratified levels showing the mean value and the standard deviation band for residential service. The data does not include customers with electric space heating facilities.

The winter peak in the test year occurred on January 11, 1982, and the summer peak on July 19, 1982. However, since finalized load research data is currently available only to March 31, 1982, stratified levels of usage and standard deviations cannot be developed for July 19, 1982. The highest summer peak day in the test period for which this data can be developed is August 11, 1981. Therefore, August 11, 1981, is used as the representative summer peak load.

		Page
Range 1	0 - 250 Monthly kWh	1
Range 2	251 - 450 Monthly kWh	2
Range 3	451 - 650 Monthly kWh	3
Range 4	651 - 1000 Monthly kWh	4
Range 5	1001 - 1700 Monthly kWh	5
Range 6	> 1700 Monthly kWh	6

Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – 0–250 kWh Range

Fig. 1 11 August 1981

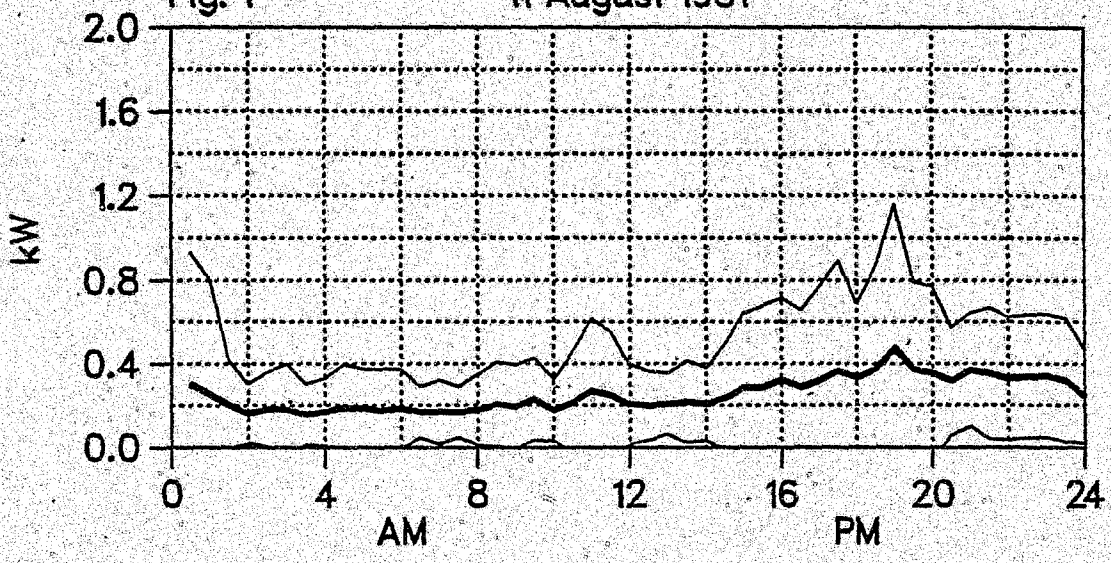
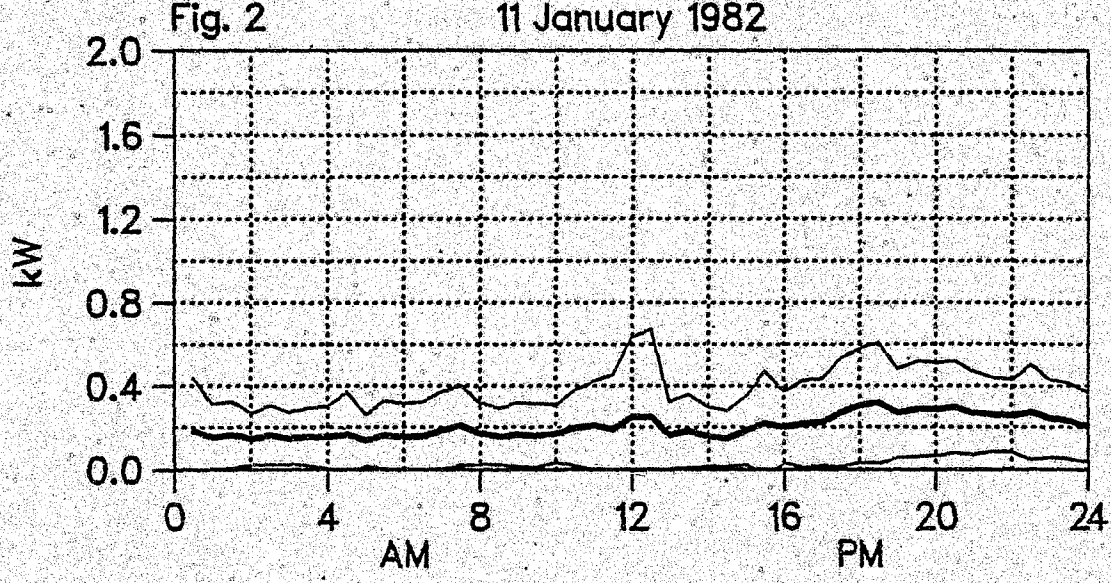


Fig. 2 11 January 1982



Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – 251–450 kWh Range

Fig. 1 11 August 1981

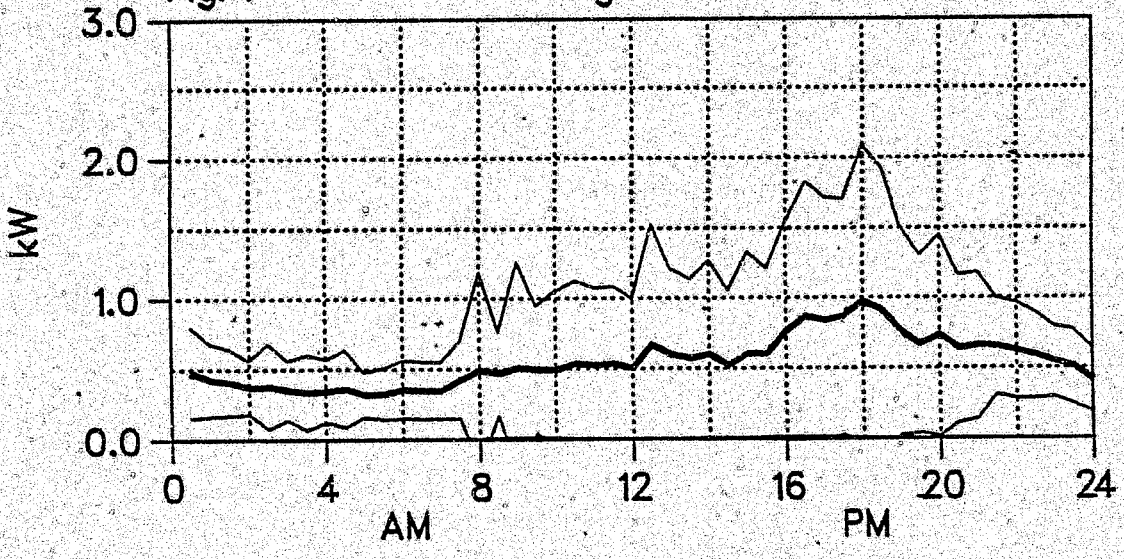
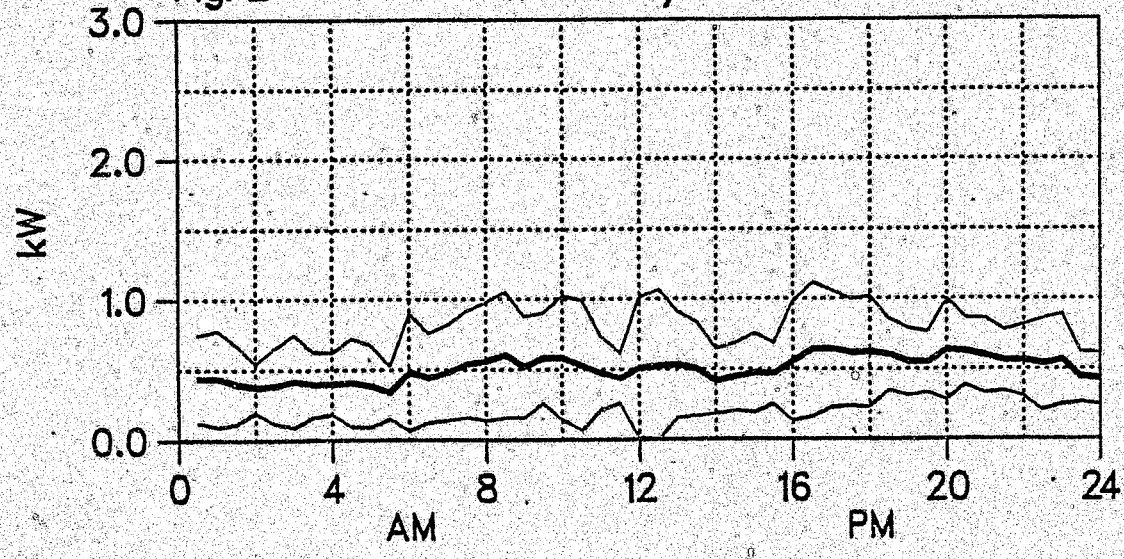


Fig. 2 11 January 1982



Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – 451–650 kWh Range

Fig. 1 11 August 1981

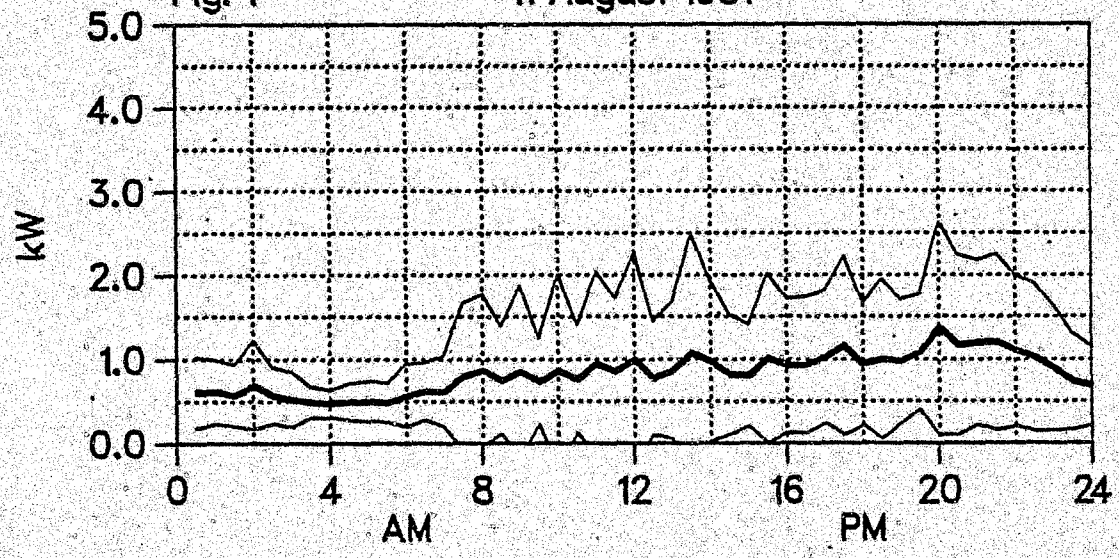
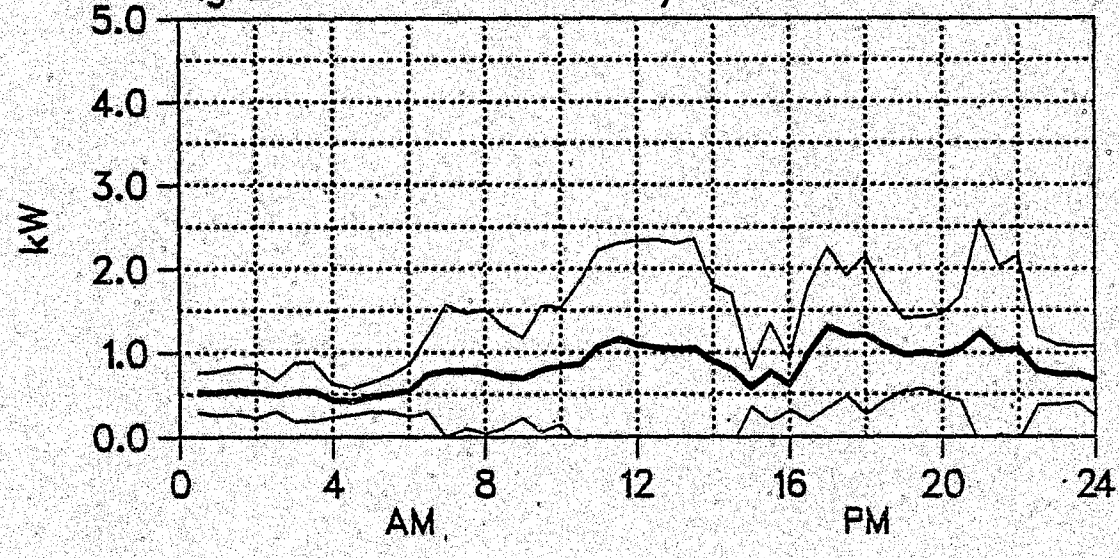


Fig. 2 11 January 1982



Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – 651–1000 kWh Range

Fig. 1 11 August 1981

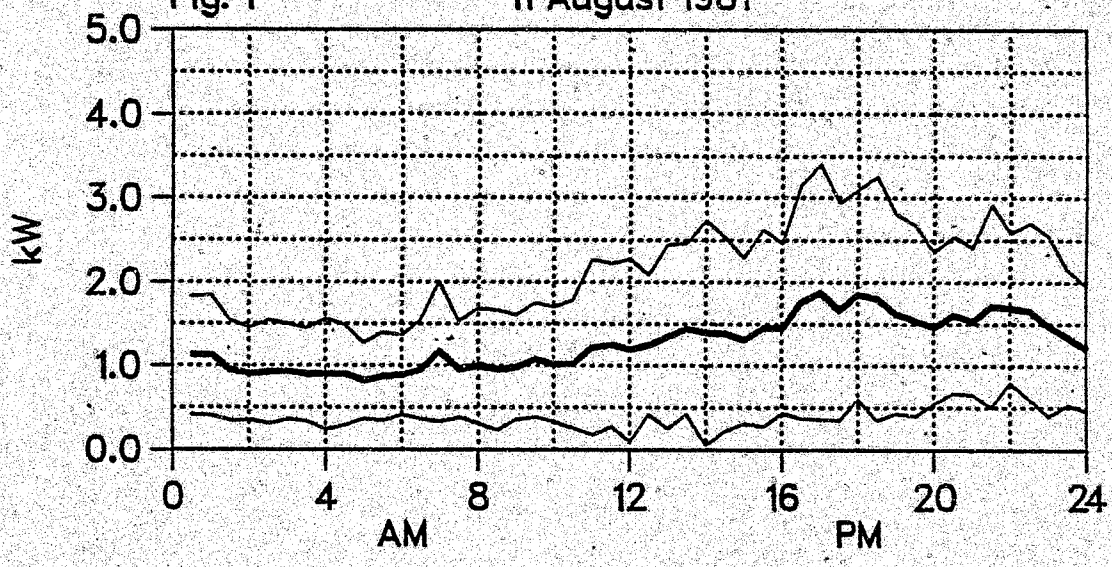
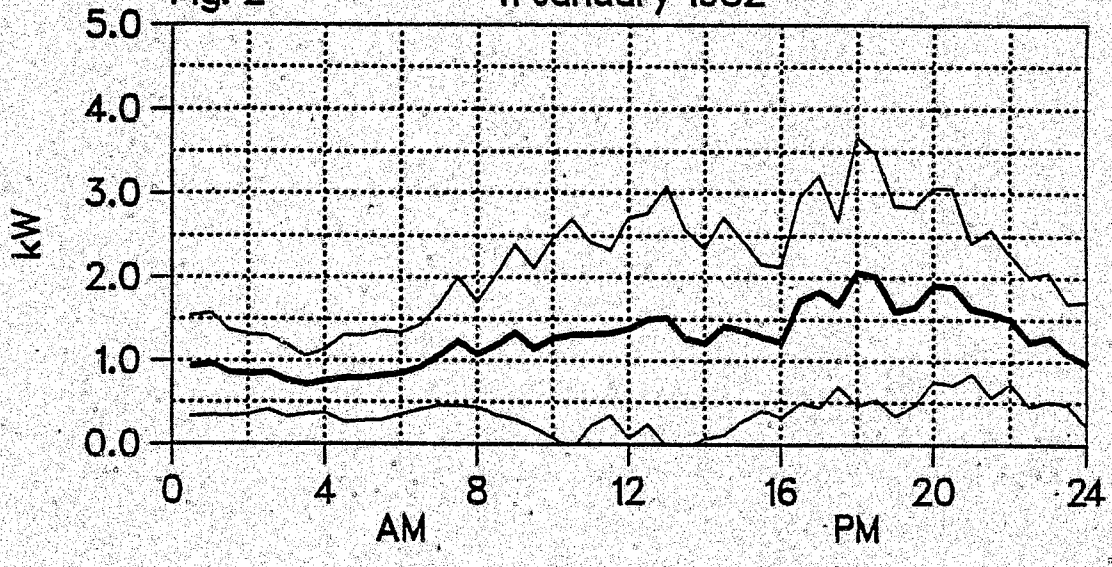


Fig. 2 11 January 1982



Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – 1001–1700 kWh Range

Fig. 1 11 August 1981

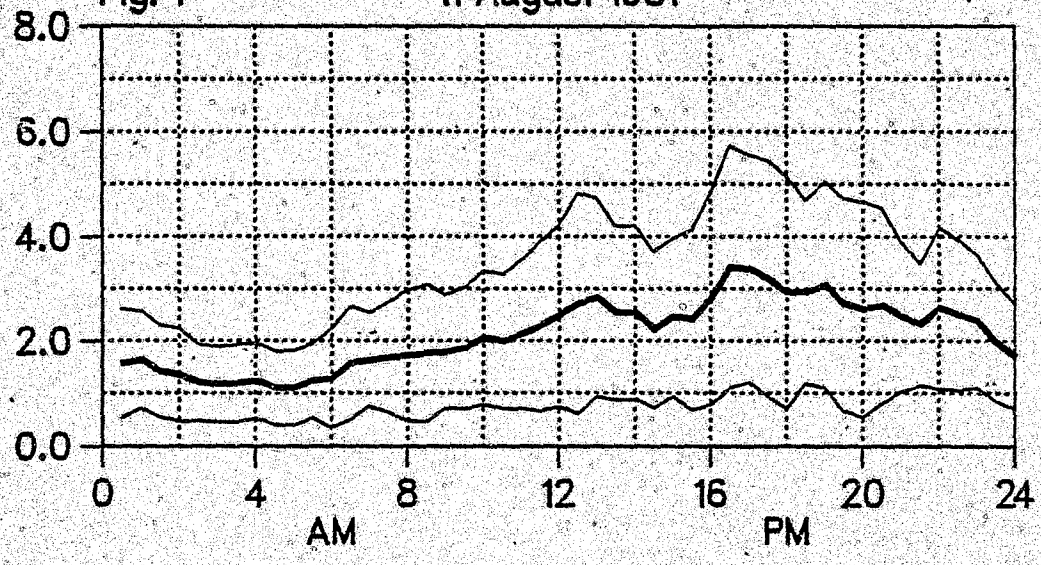
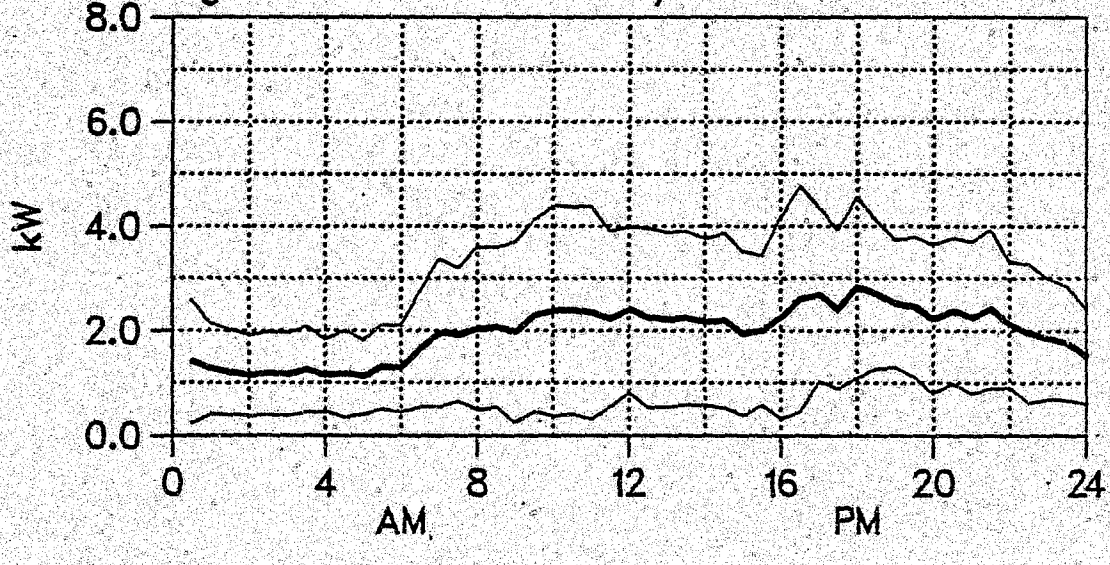


Fig. 2 11 January 1982



Pennsylvania Power & Light Company

Average Demand Per Customer and Standard Deviation Band for Stratified Levels of kWh Use
Year Ended July 31, 1982

General Residential – Over 1700 kWh Range

Fig. 1 11 August 1981

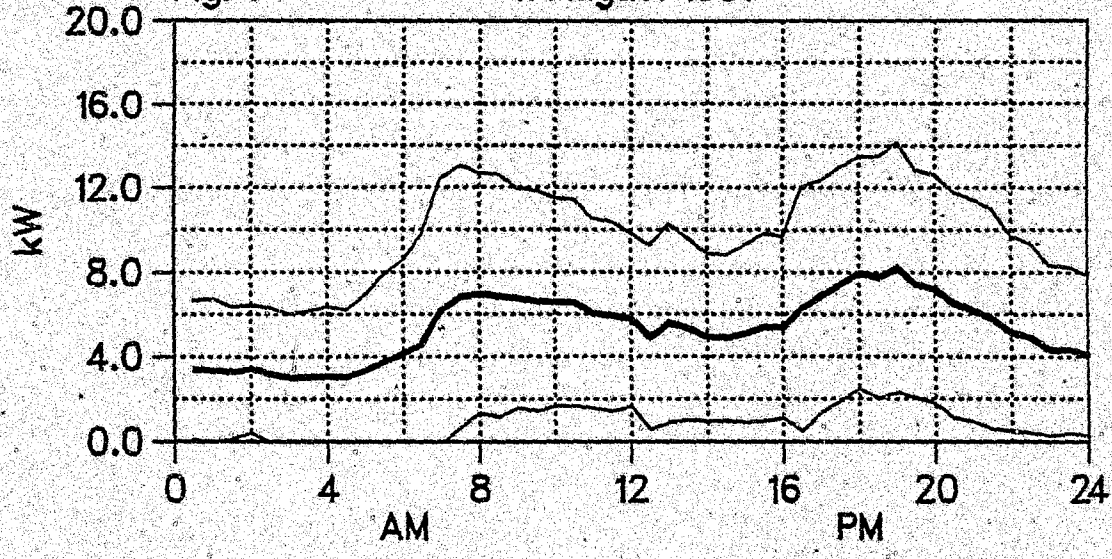
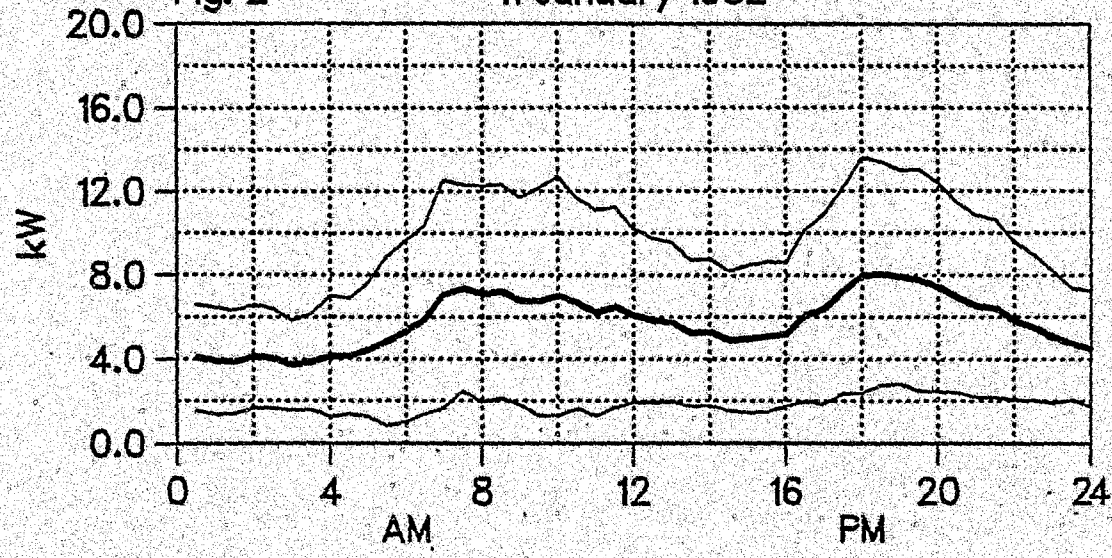


Fig. 2 11 January 1982



Q. 18. Provide load duration curves for each of the following time periods:

a. The peak day(s) as utilized in the cost-of-service study
b. Each month of the experienced test year
c. Summer, winter (define) periods for the experienced test year
d. The test year, i.e. -- an annual curve

Indicate on each curve the amount and type of generation, i.e., base load, intermediate, peaking, and interchange.

A. 18. a. Attachment IV-C-18a provides load duration curves for the 12 peak days in the year ended July 31, 1982. The amount and type of generation for four seasonal peak days is exhibited on pages 13 through 16. Safe Harbor is included.

b. Attachment IV-C-18b provides load duration data for each month of the year ended July 31, 1982. The amount and type of generation is not available.

c. Attachment IV-C-18c provides load duration data for the summer period (August and September 1981, and June and July 1982) and the winter period (October 1981 through March 1982). The amount and type of generation is not available.

d. Attachment IV-C-18d provides a load duration curve for the year ended July 31, 1982. The amount and type of generation is not available.

PENNSYLVANIA POWER & LIGHT COMPANY

Load Duration Curves
Year Ended July 31, 1982

Part a. For the peak days as utilized in the cost-of-service study.

	Page
August 1981	1
September	2
October	3
November	4
December	5
January 1982	6
February	7
March	8
April	9
May	10
June	11
July	12

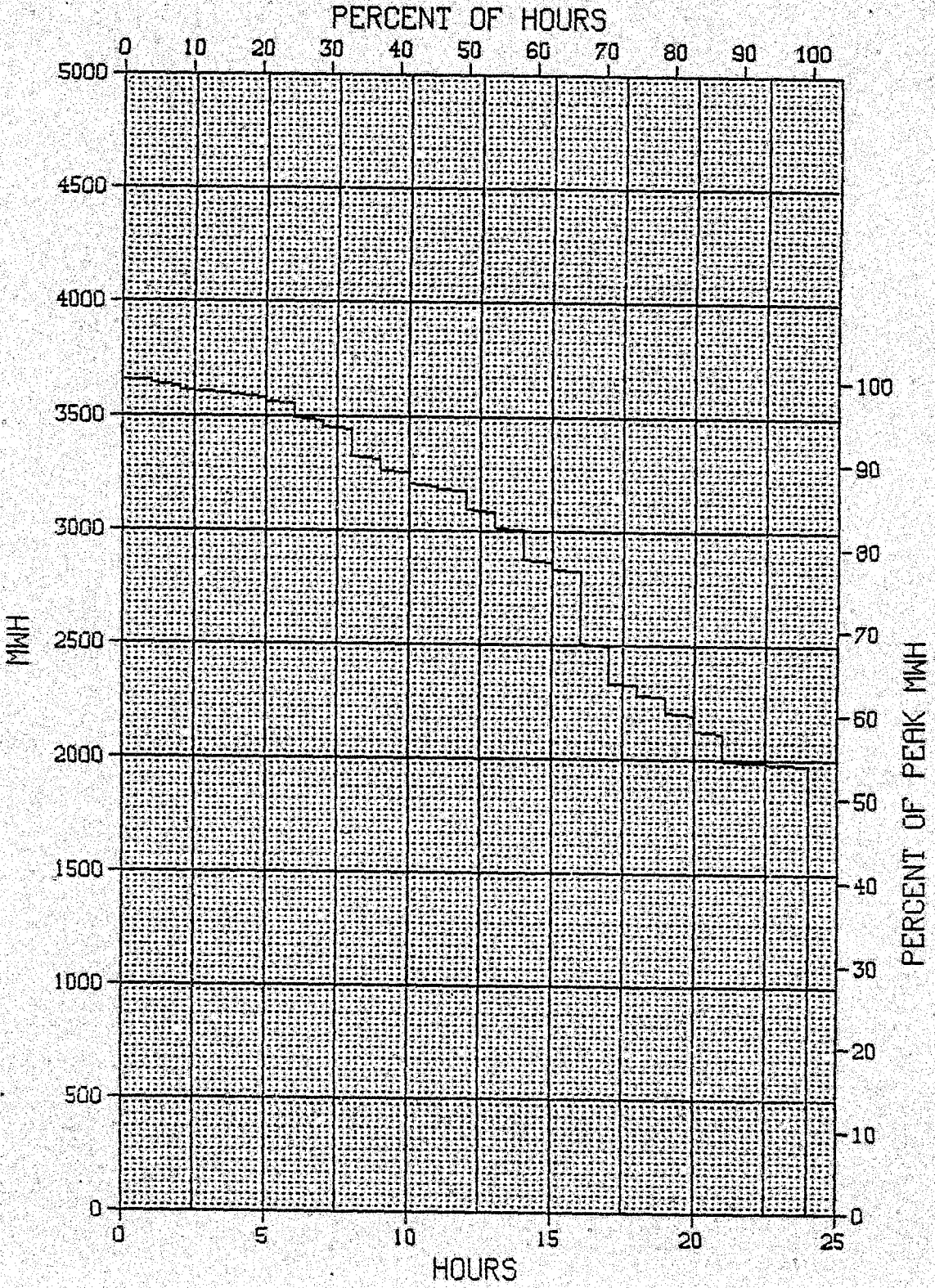
The amount and type of generation for four seasonal peak days.

October 20, 1981	13
January 11, 1982	14
May 24, 1982	15
July 19, 1982	16

PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

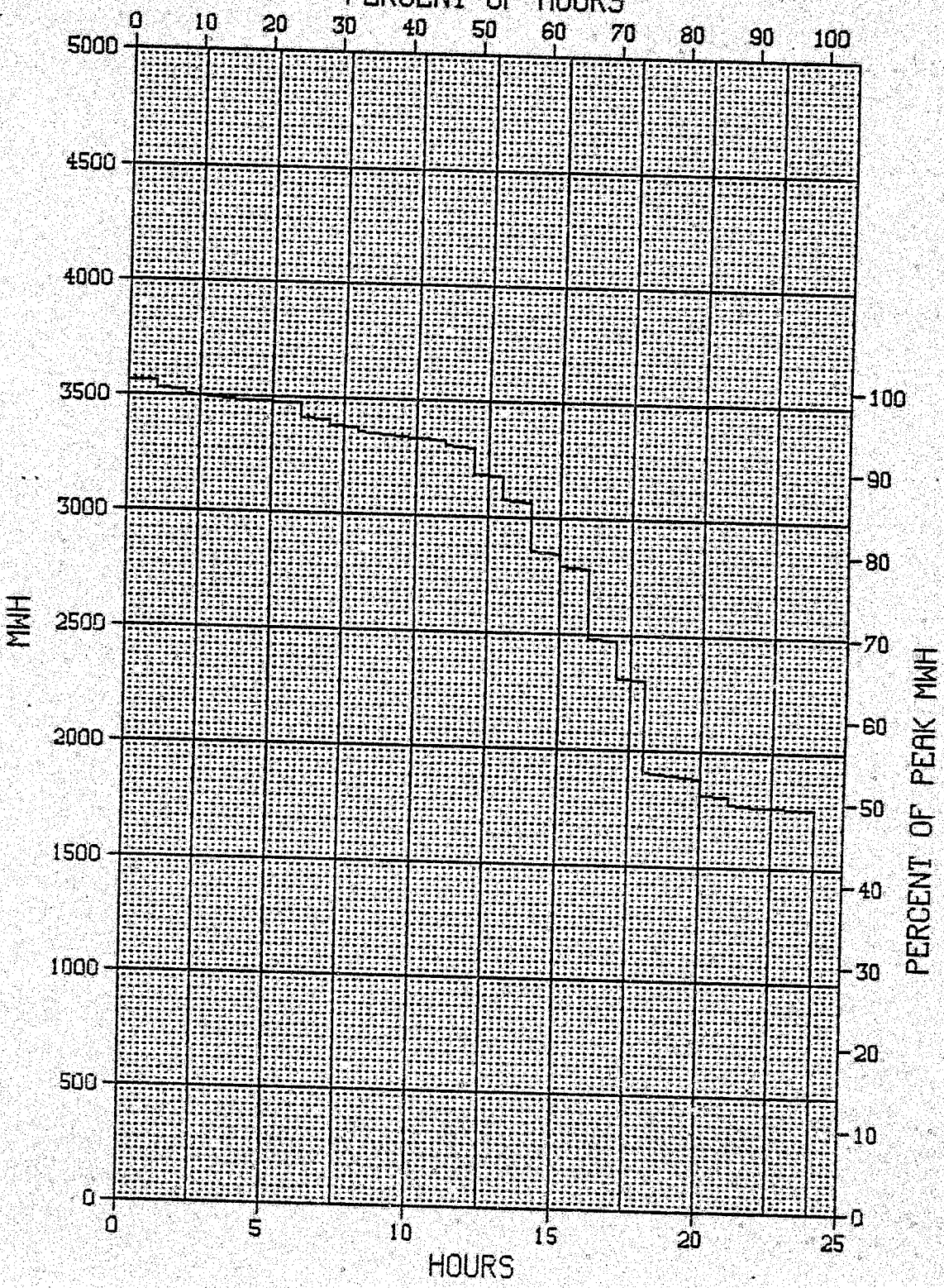
08-11-81 TO 08-11-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

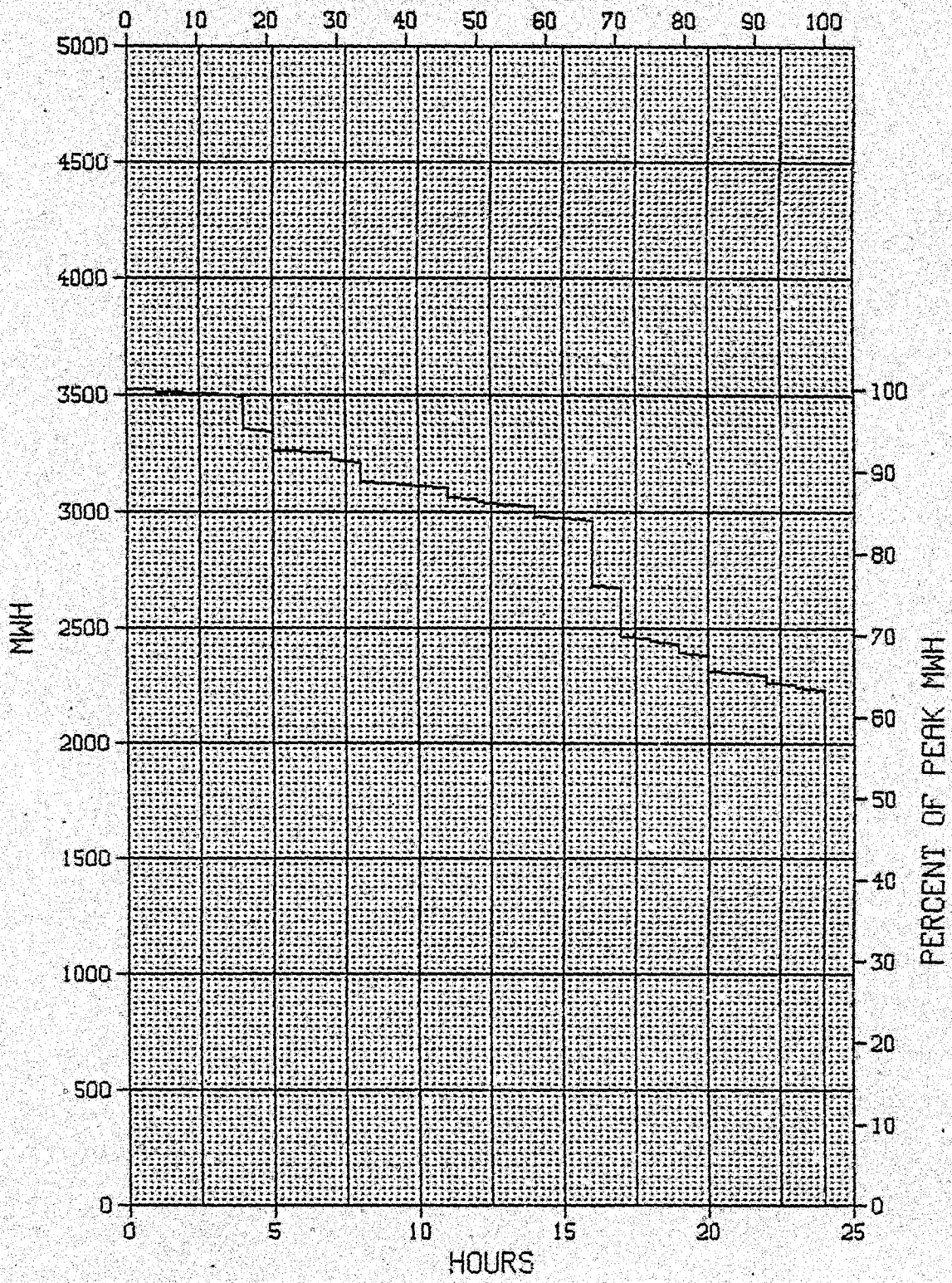
09-14-81 TO 09-14-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

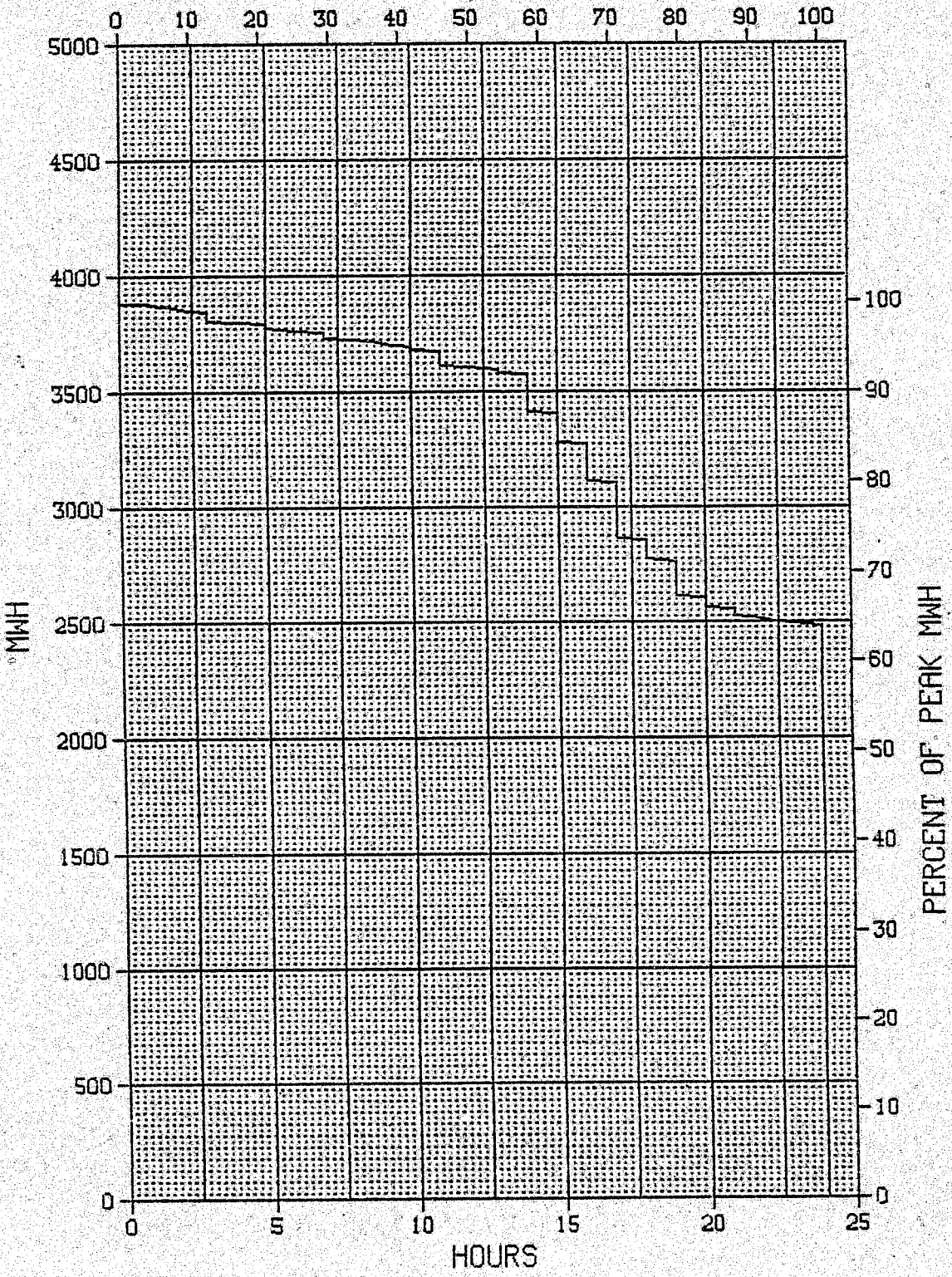
10-20-81 TO 10-20-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

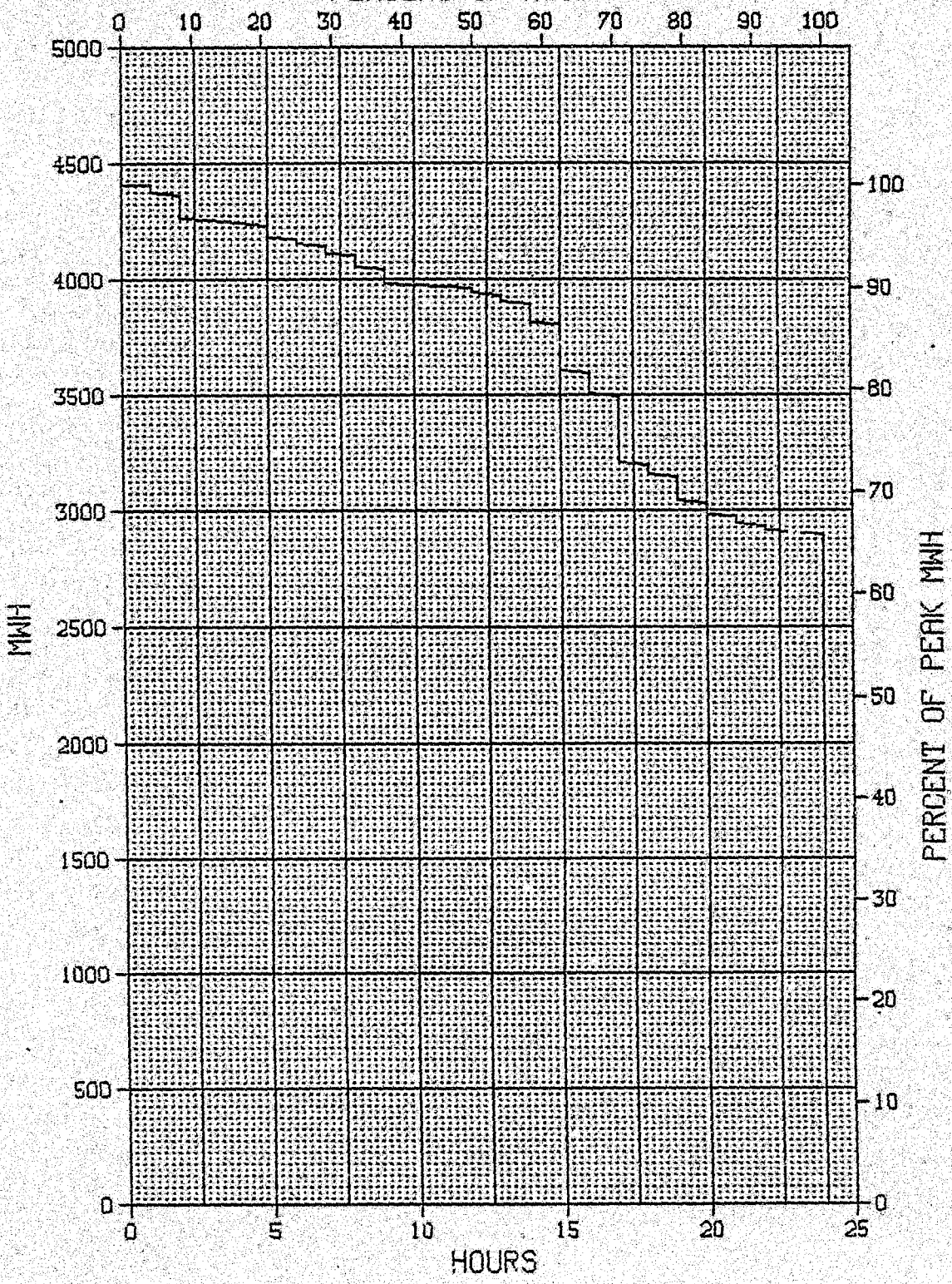
11-24-81 TO 11-24-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

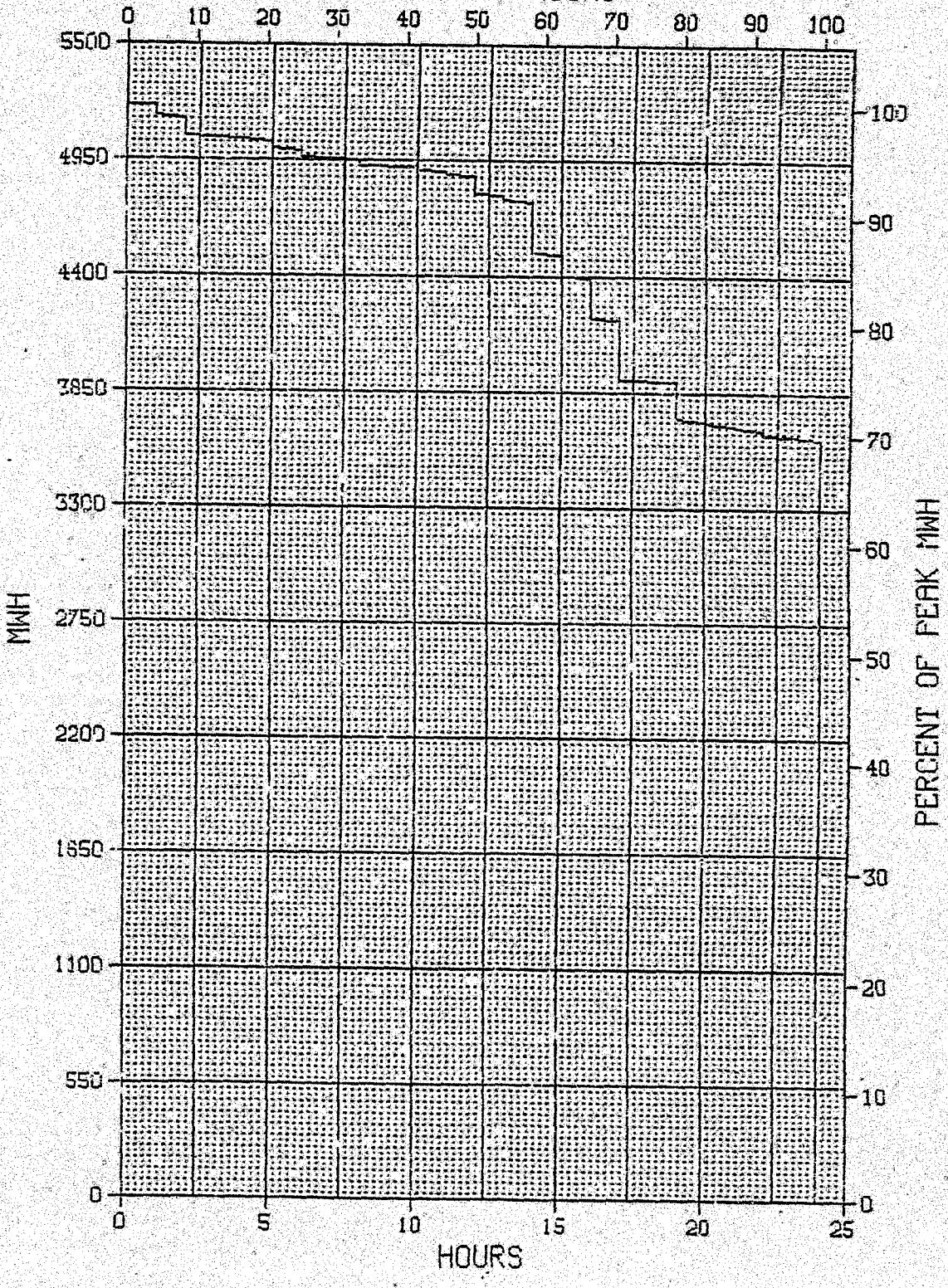
12-21-81 TO 12-21-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

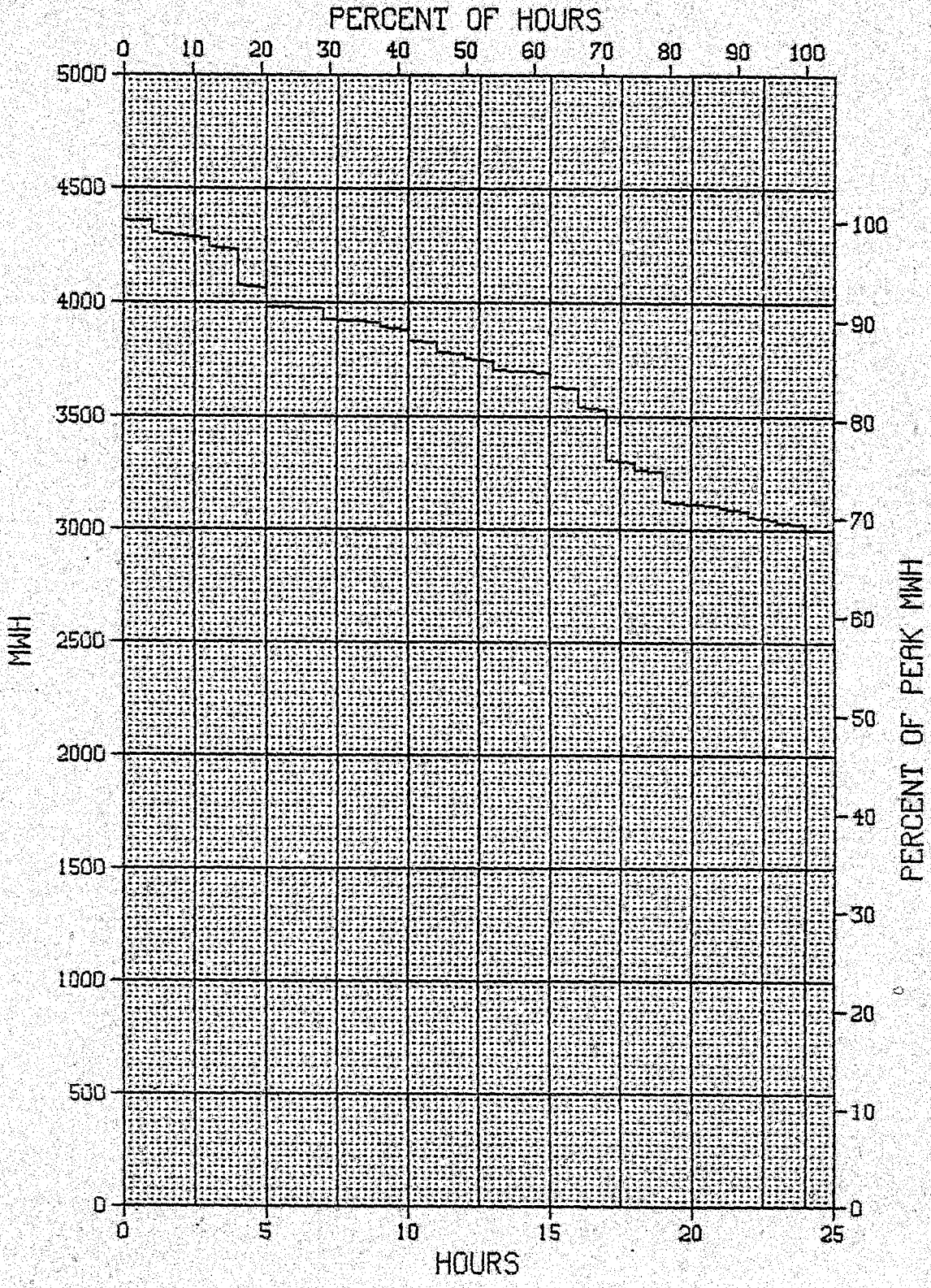
01-11-82 TO 01-11-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

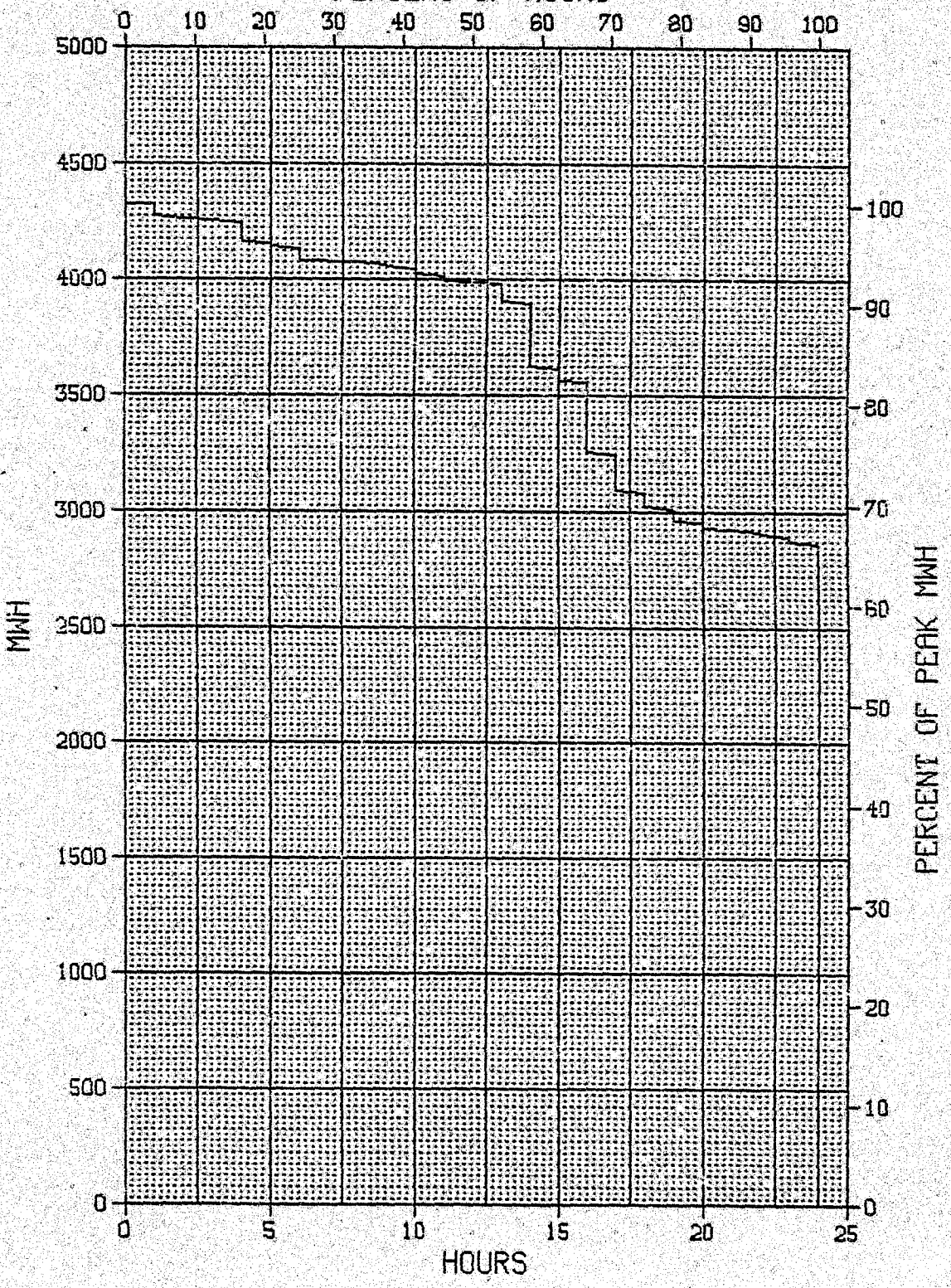
02-11-82 TO 02-11-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

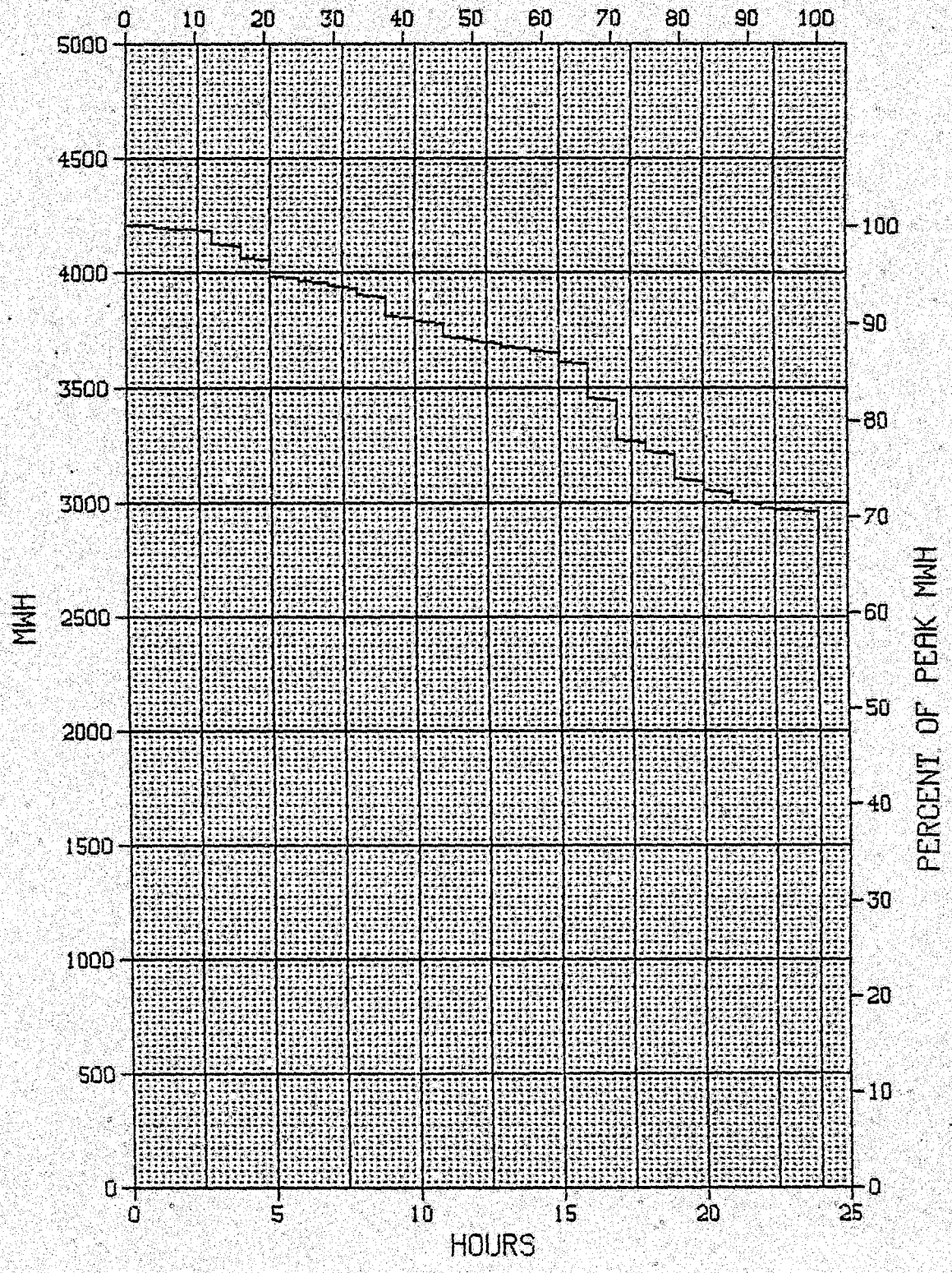
03-04-82 TO 03-04-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

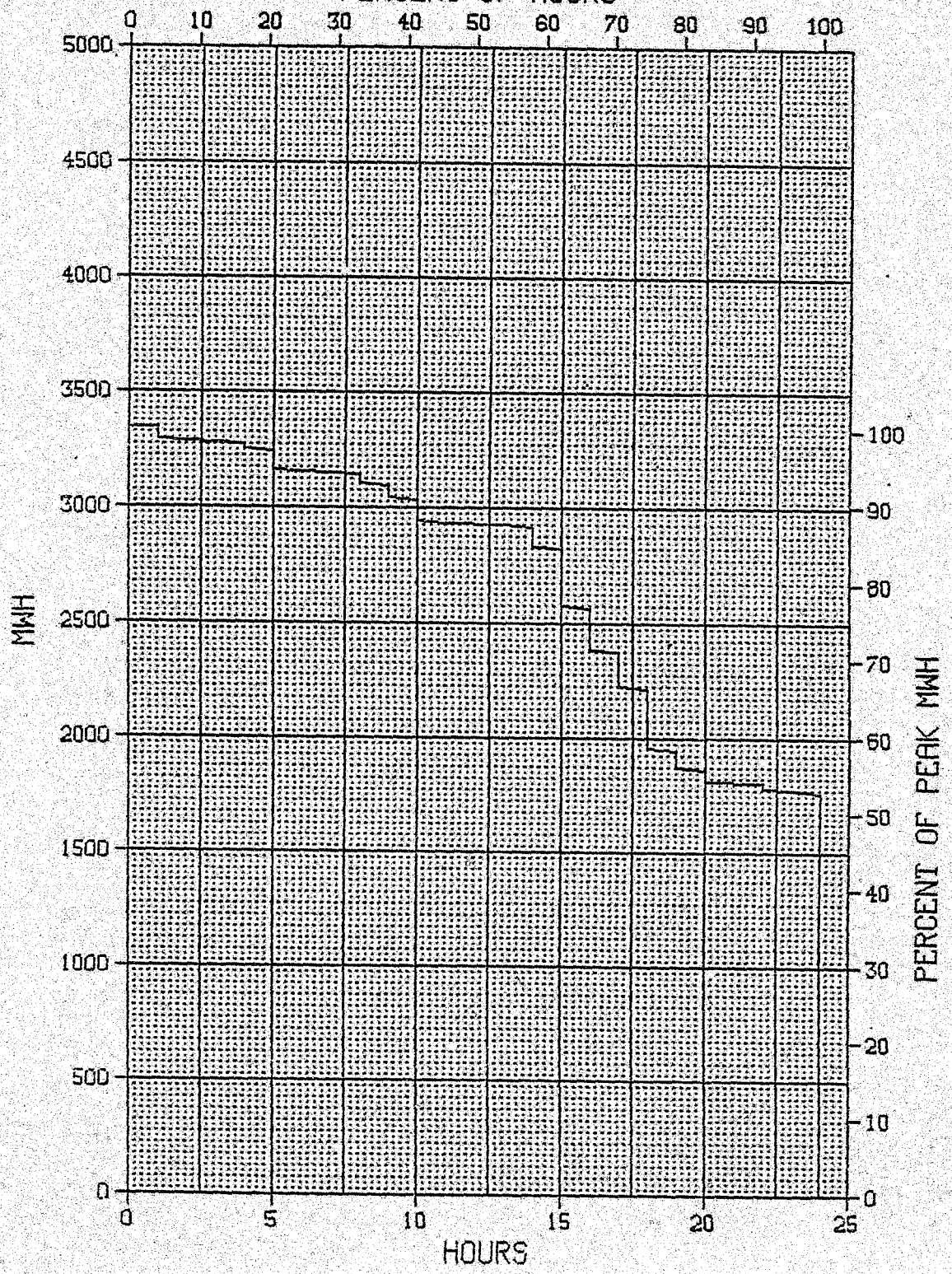
04-07-82 TO 04-07-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

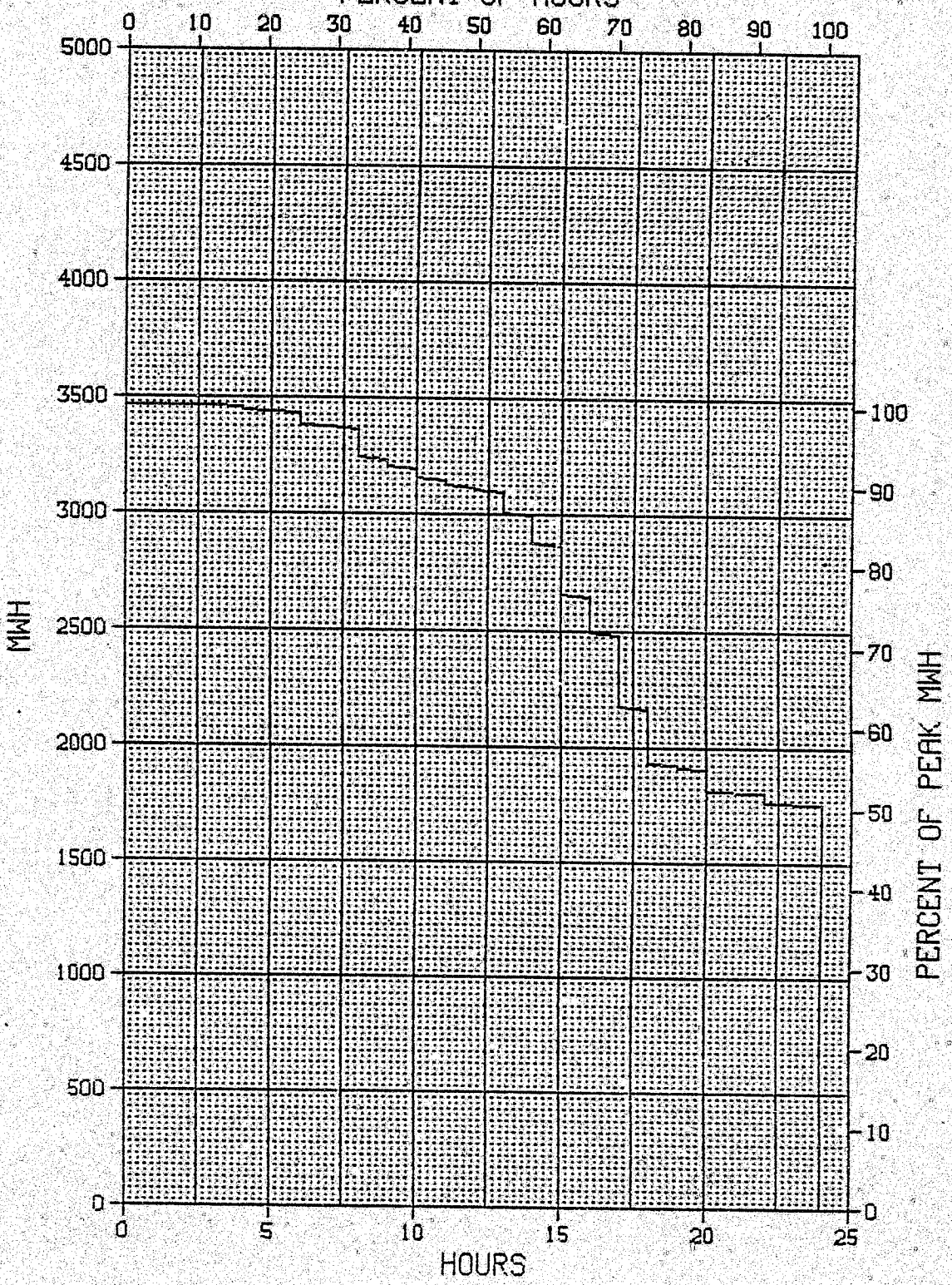
05-24-82 TO 05-24-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

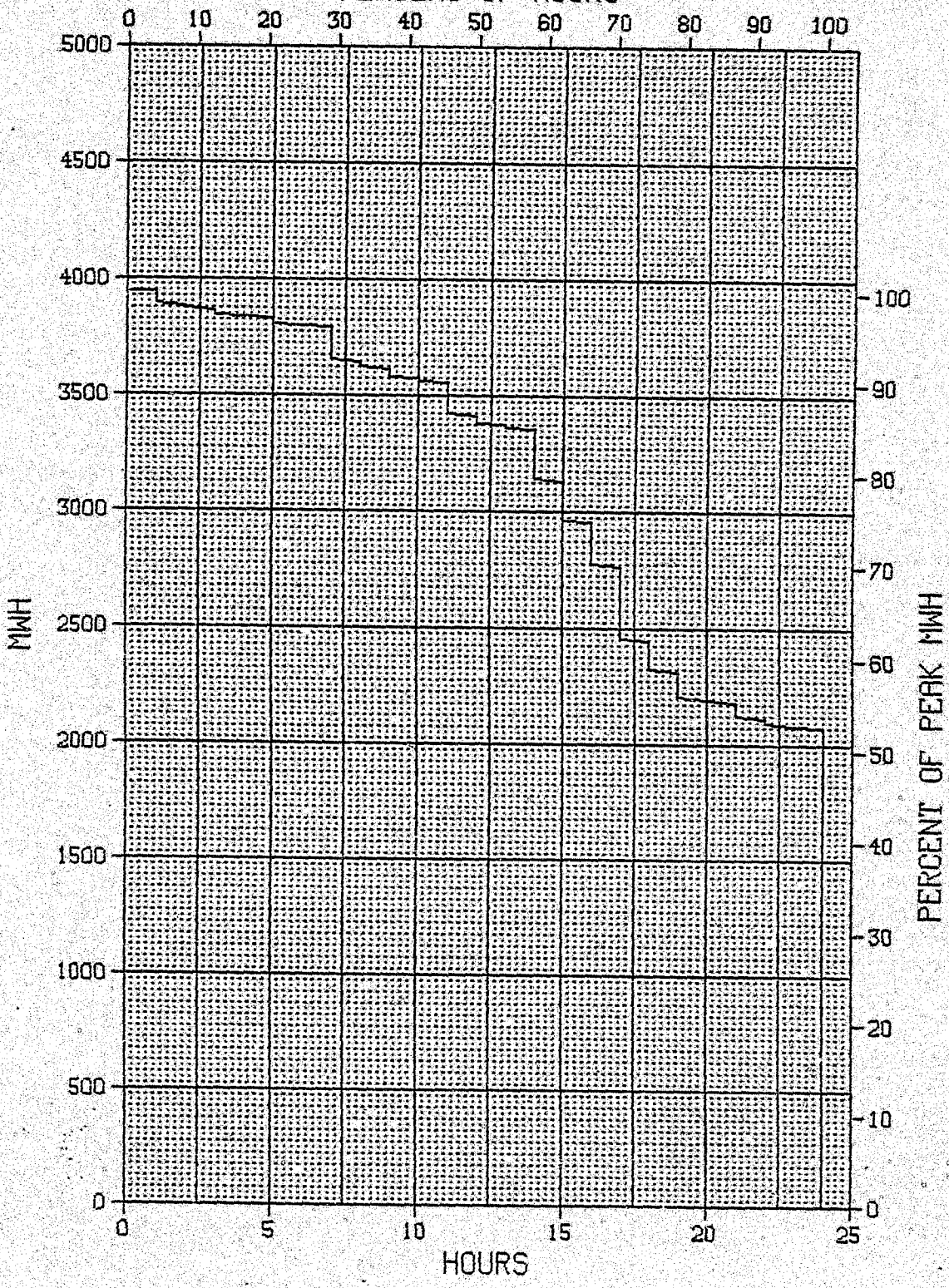
06-28-82 TO 06-28-82



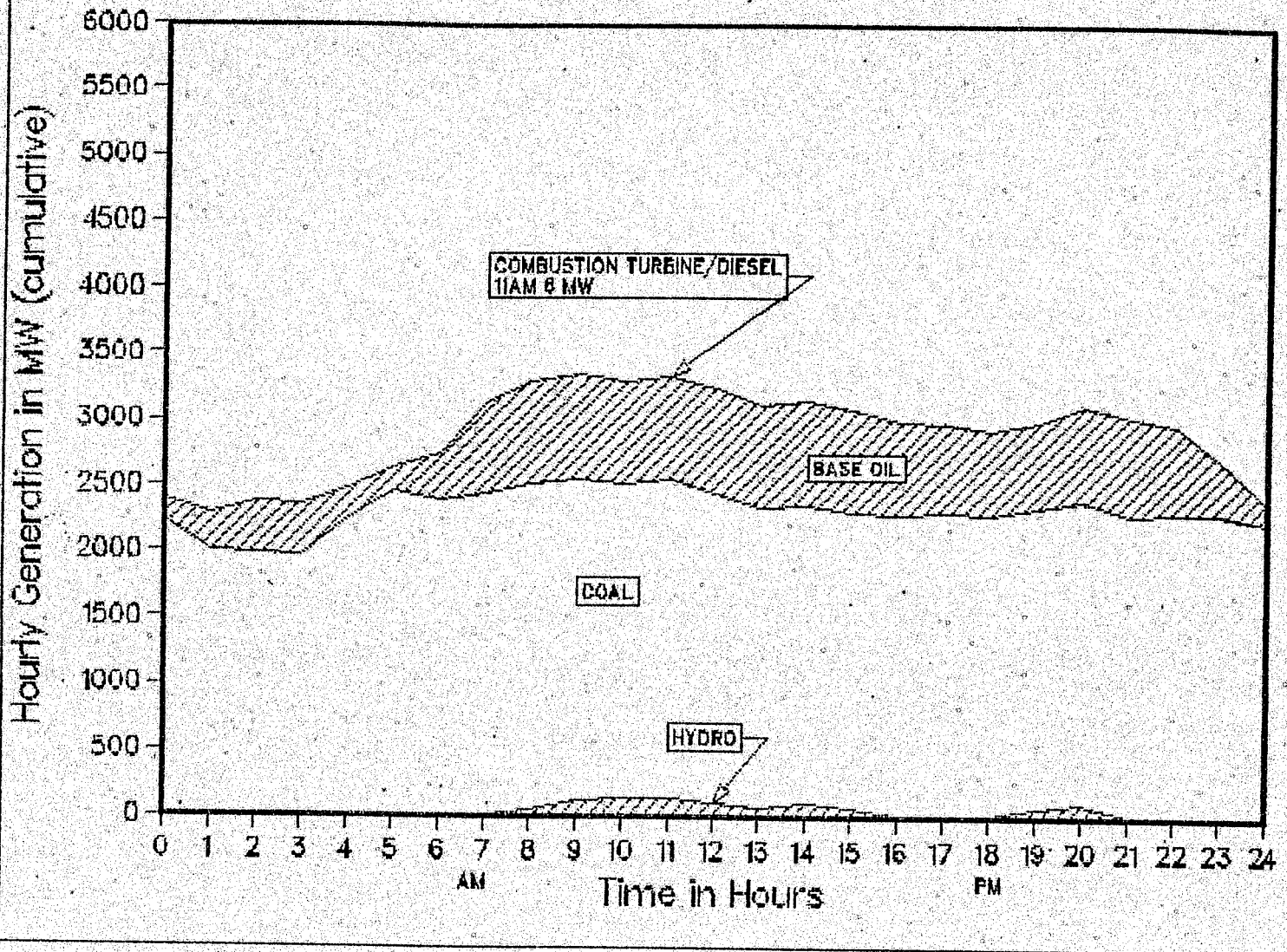
PENNSYLVANIA POWER AND LIGHT COMPANY

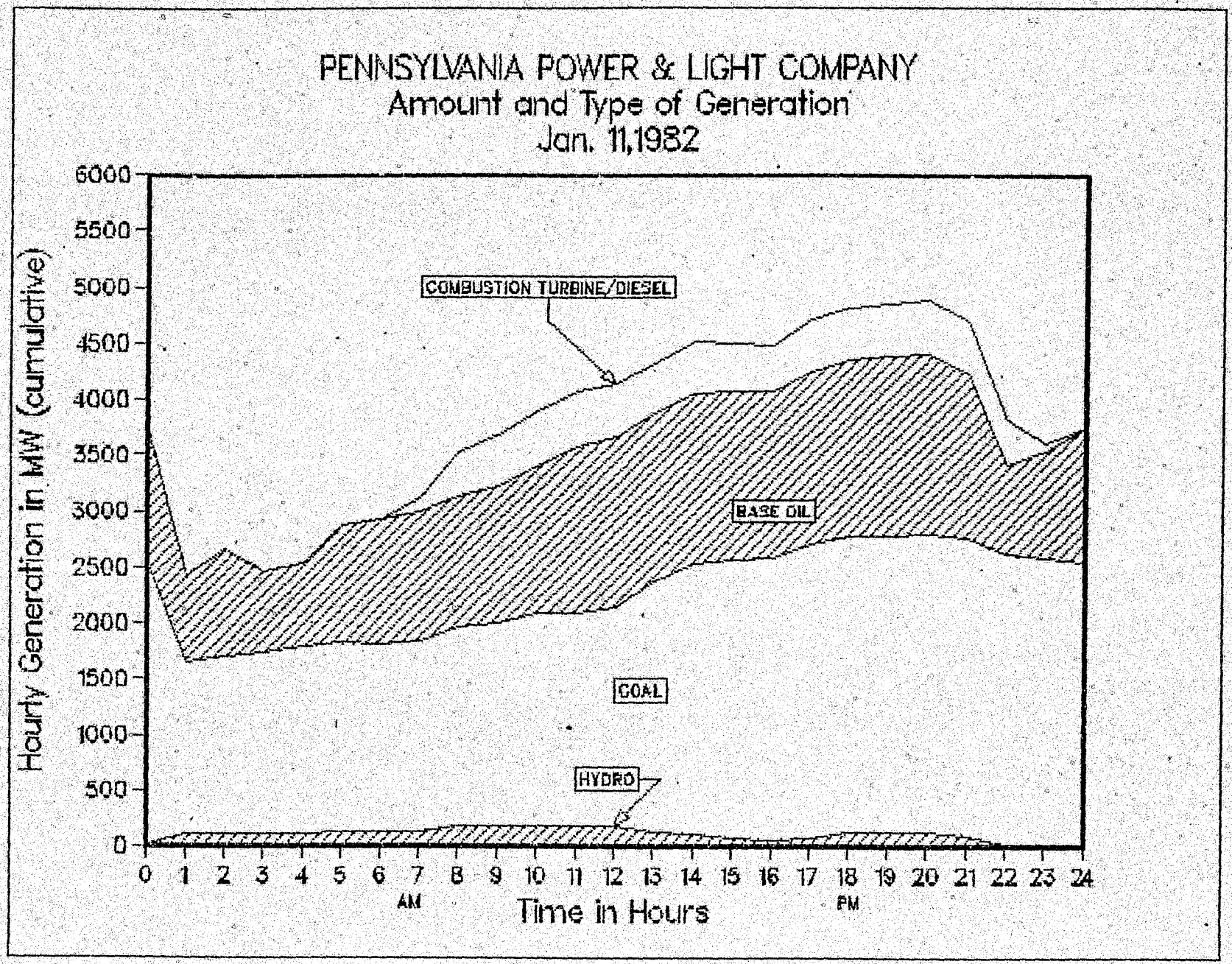
PL COMPANY LOAD DURATION CURVE

07-19-82 TO 07-19-82

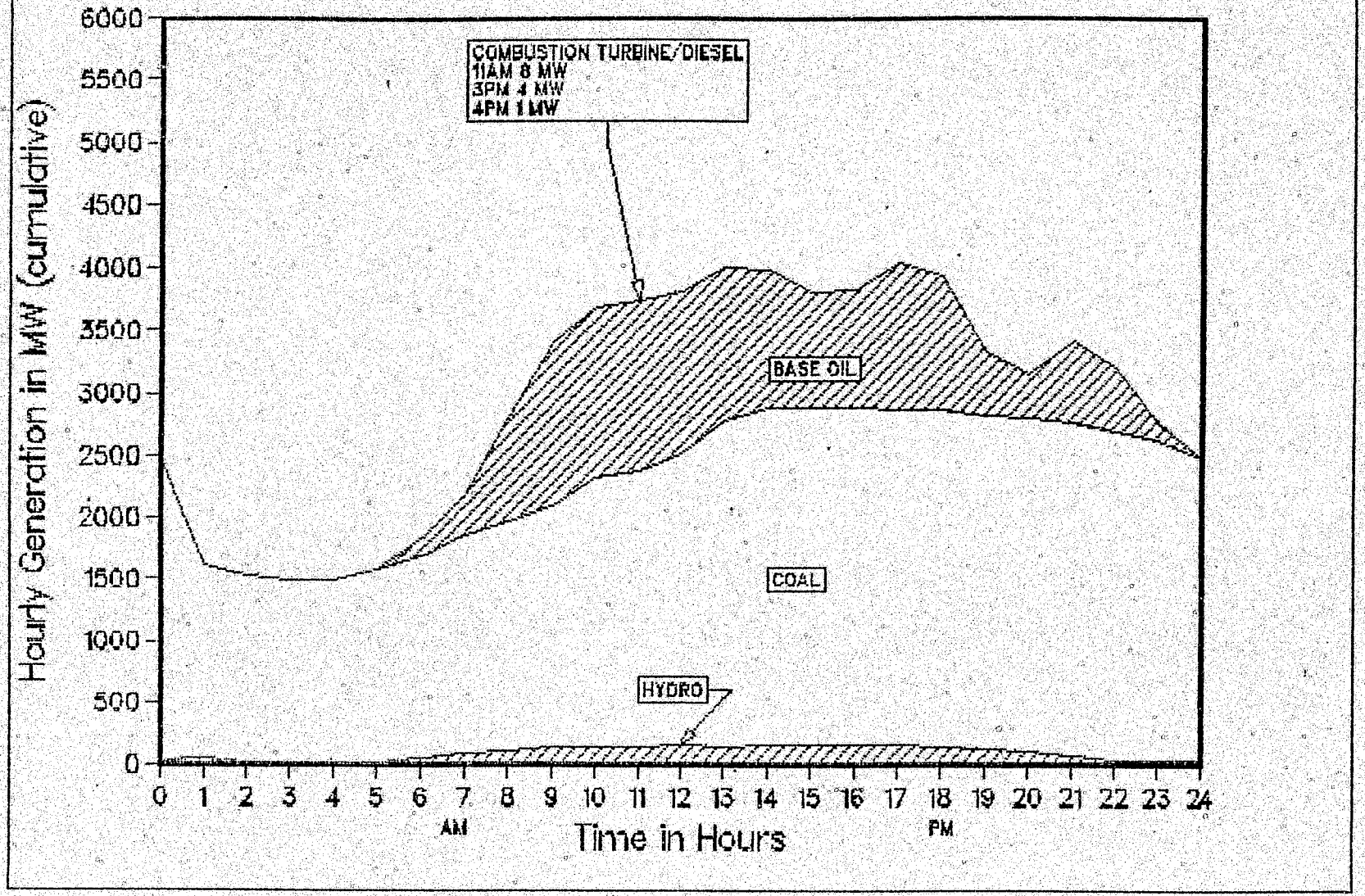


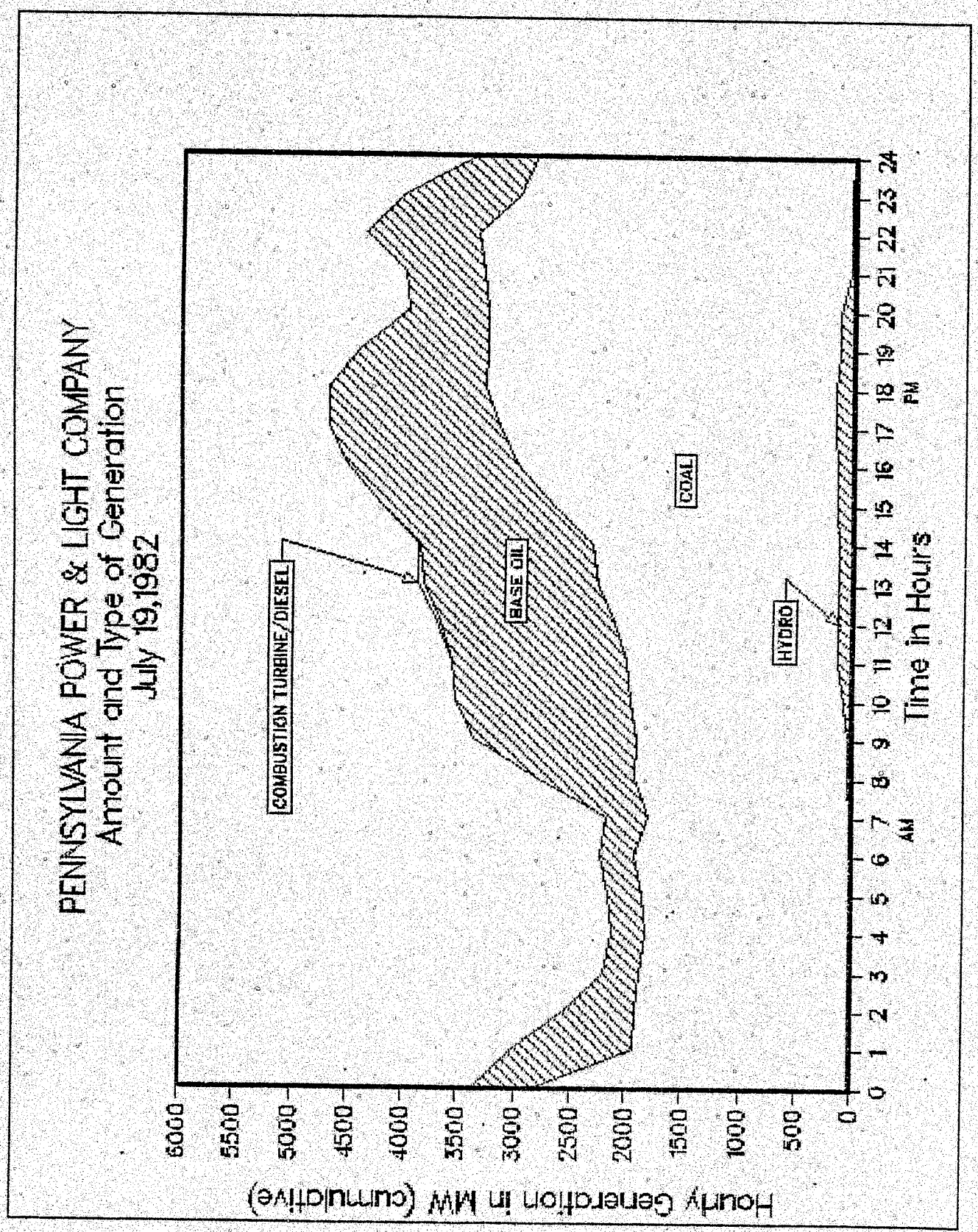
PENNSYLVANIA POWER & LIGHT COMPANY
Amount and Type of Generation
Oct. 20,1981




PENNSYLVANIA POWER & LIGHT COMPANY
Amount and Type of Generation
Jan. 11,1982
Hourly Generation in MW (cumulative)
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
COMBUSTION TURBINE/DIESEL
BASE OIL
COAL
HYDRO
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
AM
PM
Time in Hours

PENNSYLVANIA POWER & LIGHT COMPANY
Amount and Type of Generation
May 24,1982




PENNSYLVANIA POWER & LIGHT COMPANY
Amount and Type of Generation
July 19, 1982
Hourly Generation in MW (cumulative)
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
COMBUSTION TURBINE/DIESEL
BASE OIL
COAL
HYDRO
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
AM
PM
Time in Hours

PENNSYLVANIA POWER & LIGHT COMPANY

Load Duration Curves
Year Ended July 31, 1982

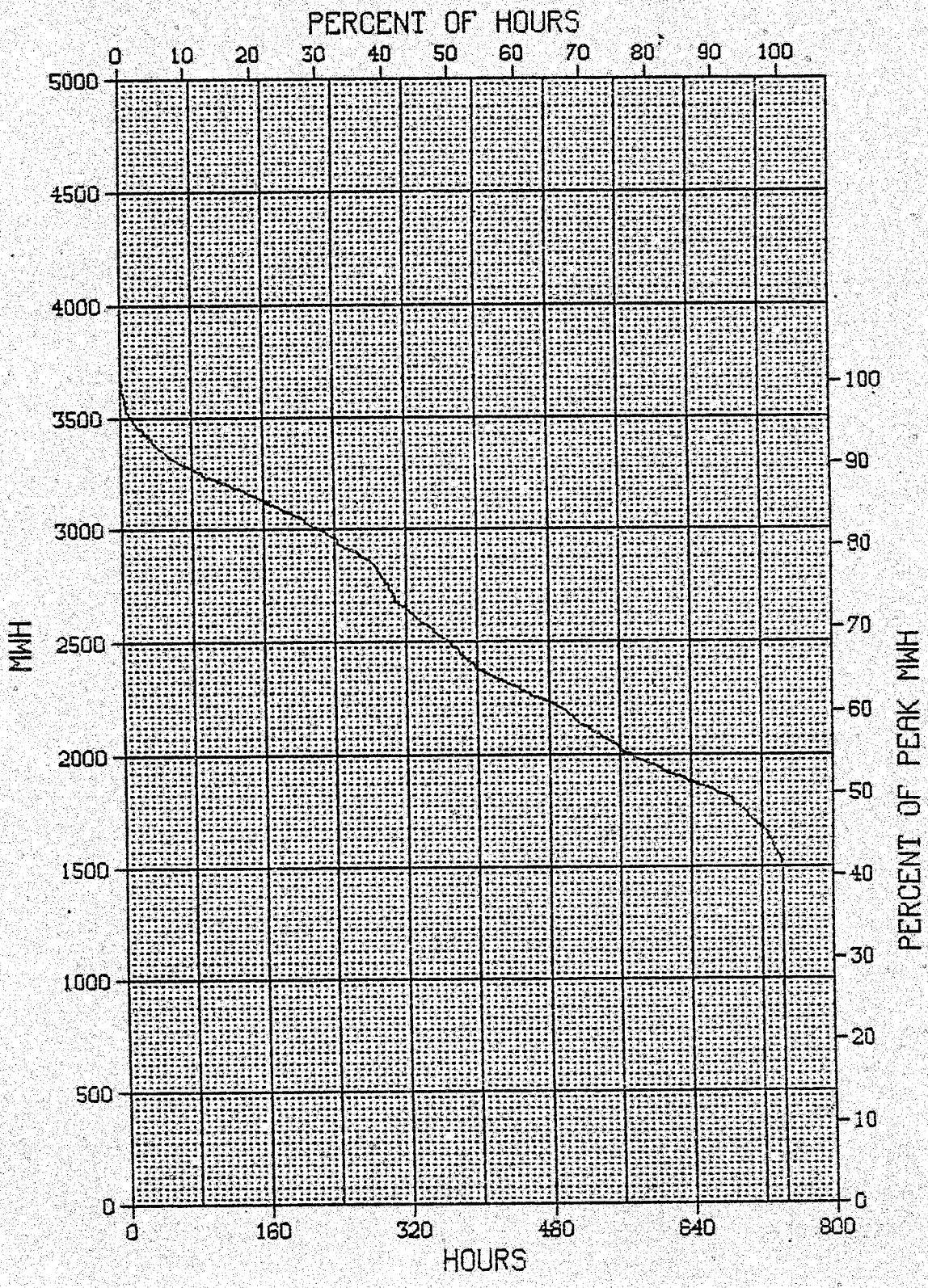
Part b. For each month of the experienced test years.

	Page
August 1981	1
September	2
October	3
November	4
December	5
January 1982	6
February	7
March	8
April	9
May	10
June	11
July	12

PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

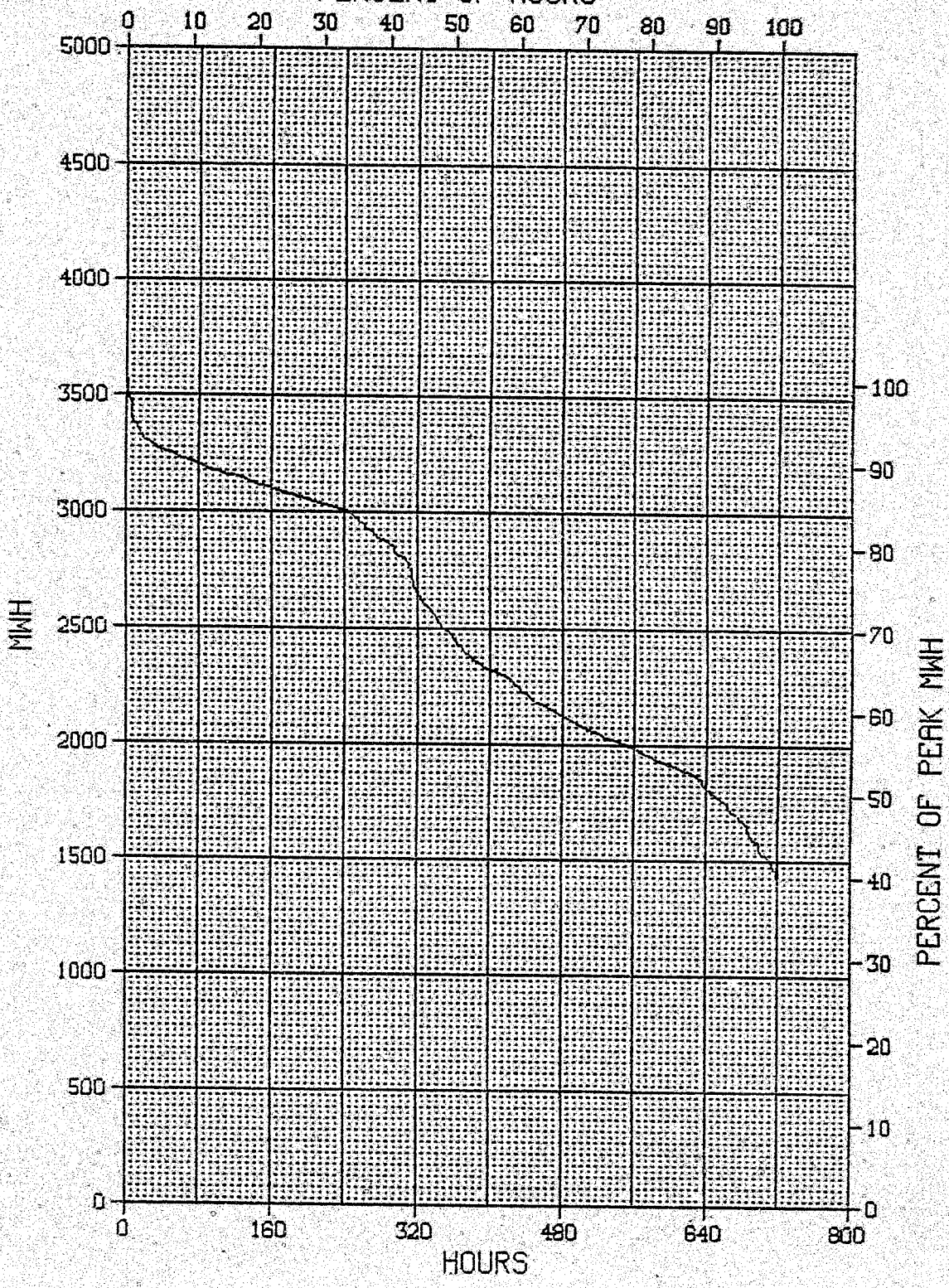
08-01-81 TO 08-31-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

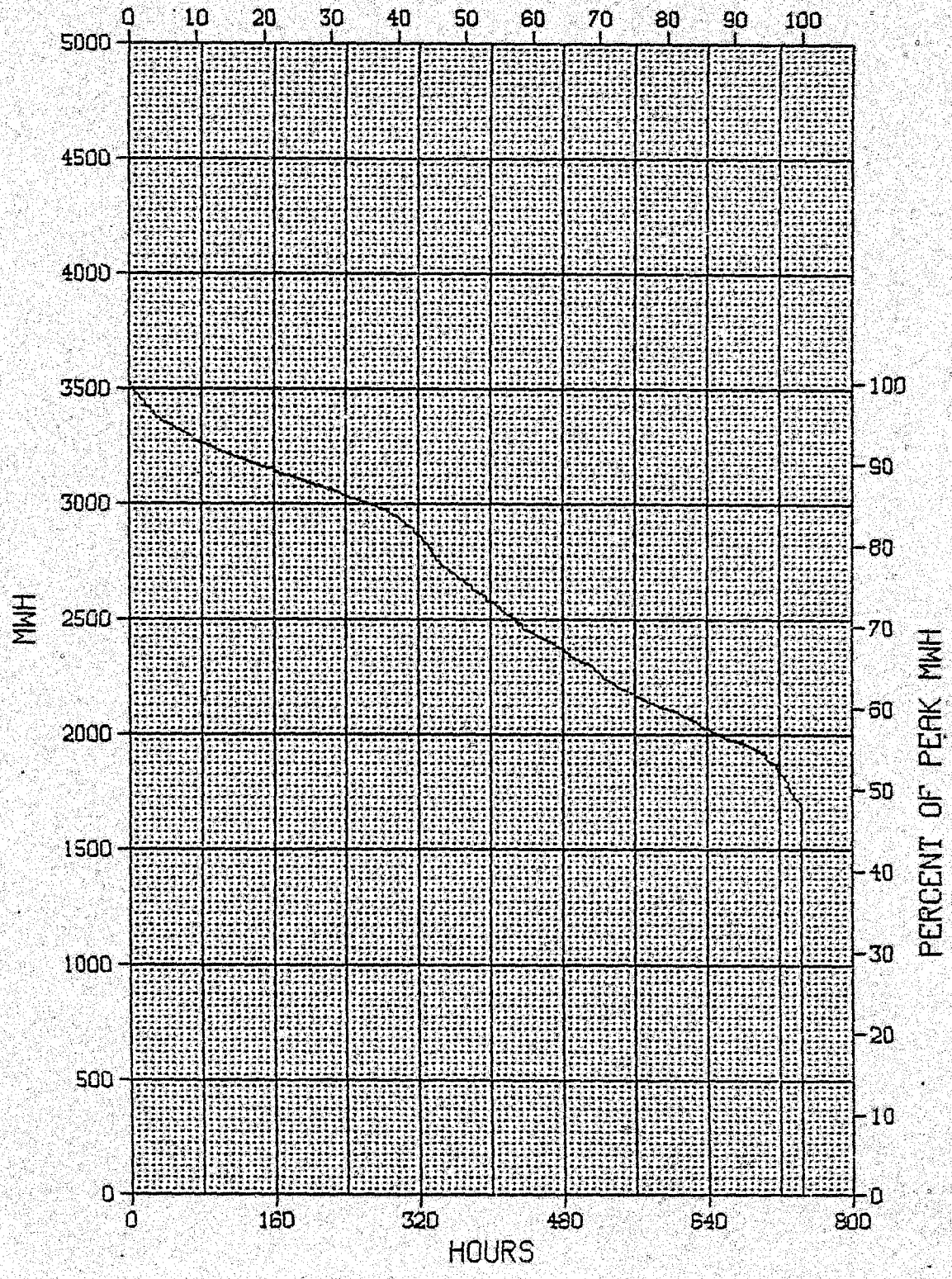
09-01-81 TO 09-30-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

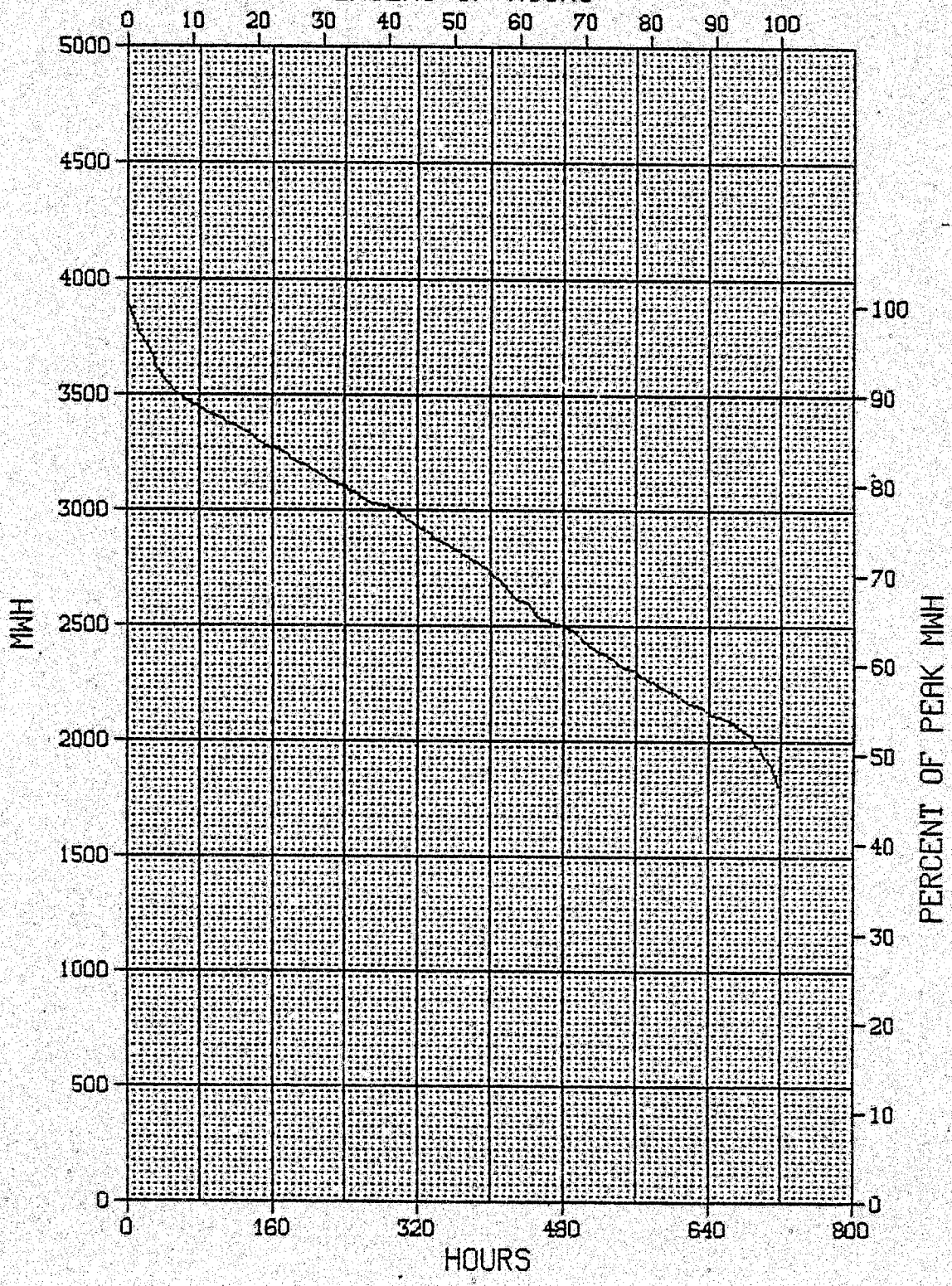
10-01-81 TO 10-31-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

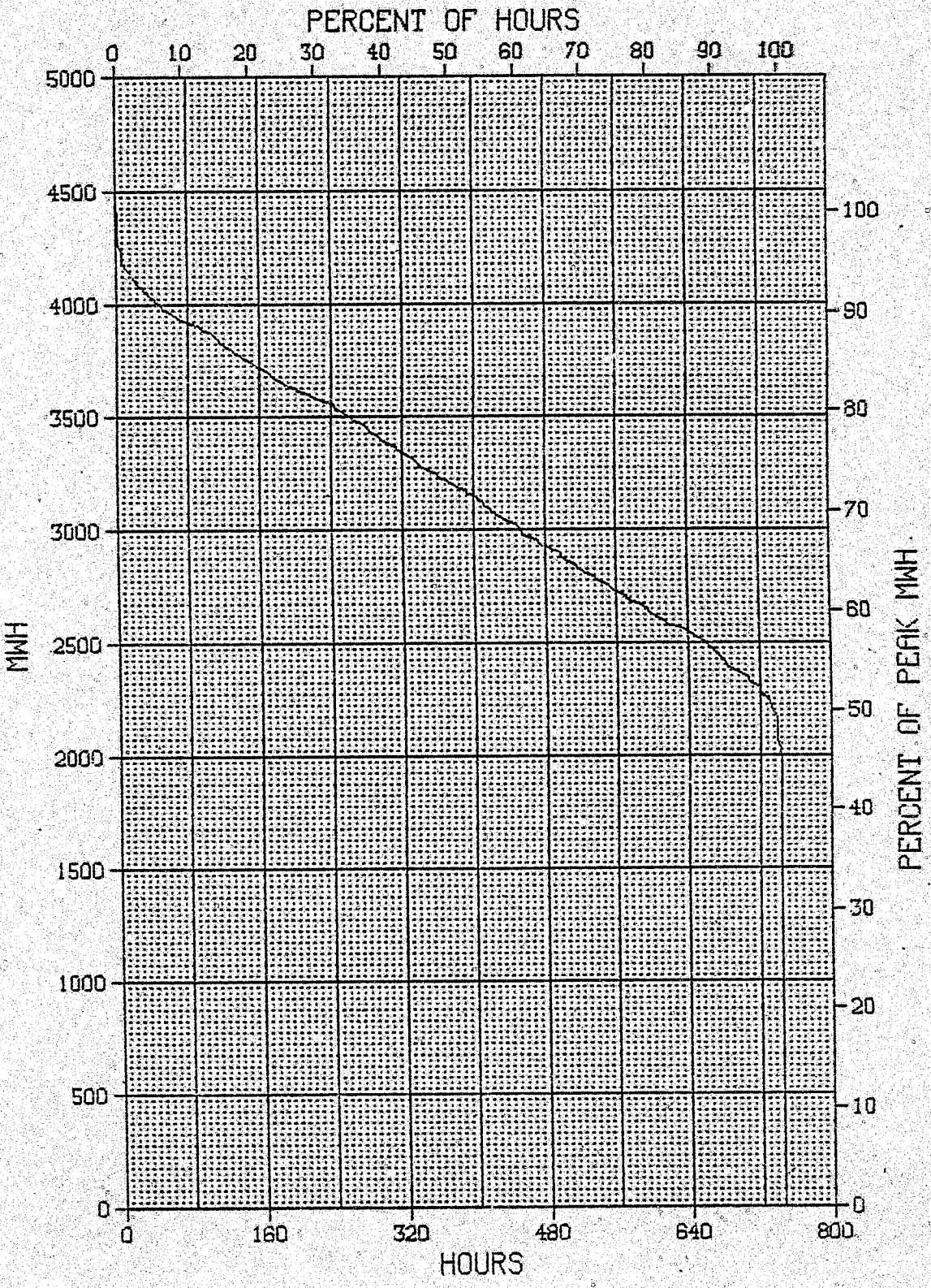
11-01-81 TO 11-30-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

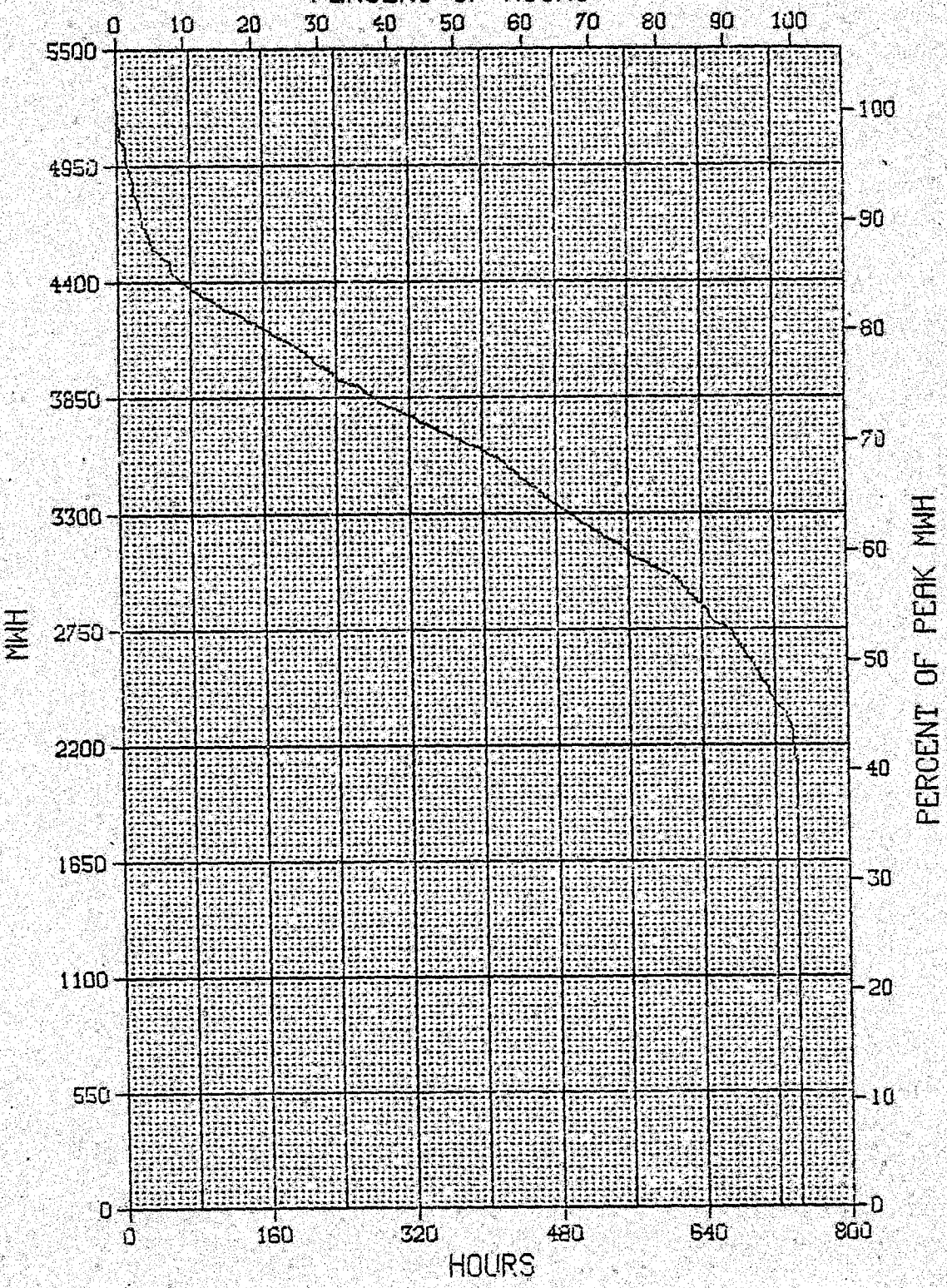
12-01-81 TO 12-31-81



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

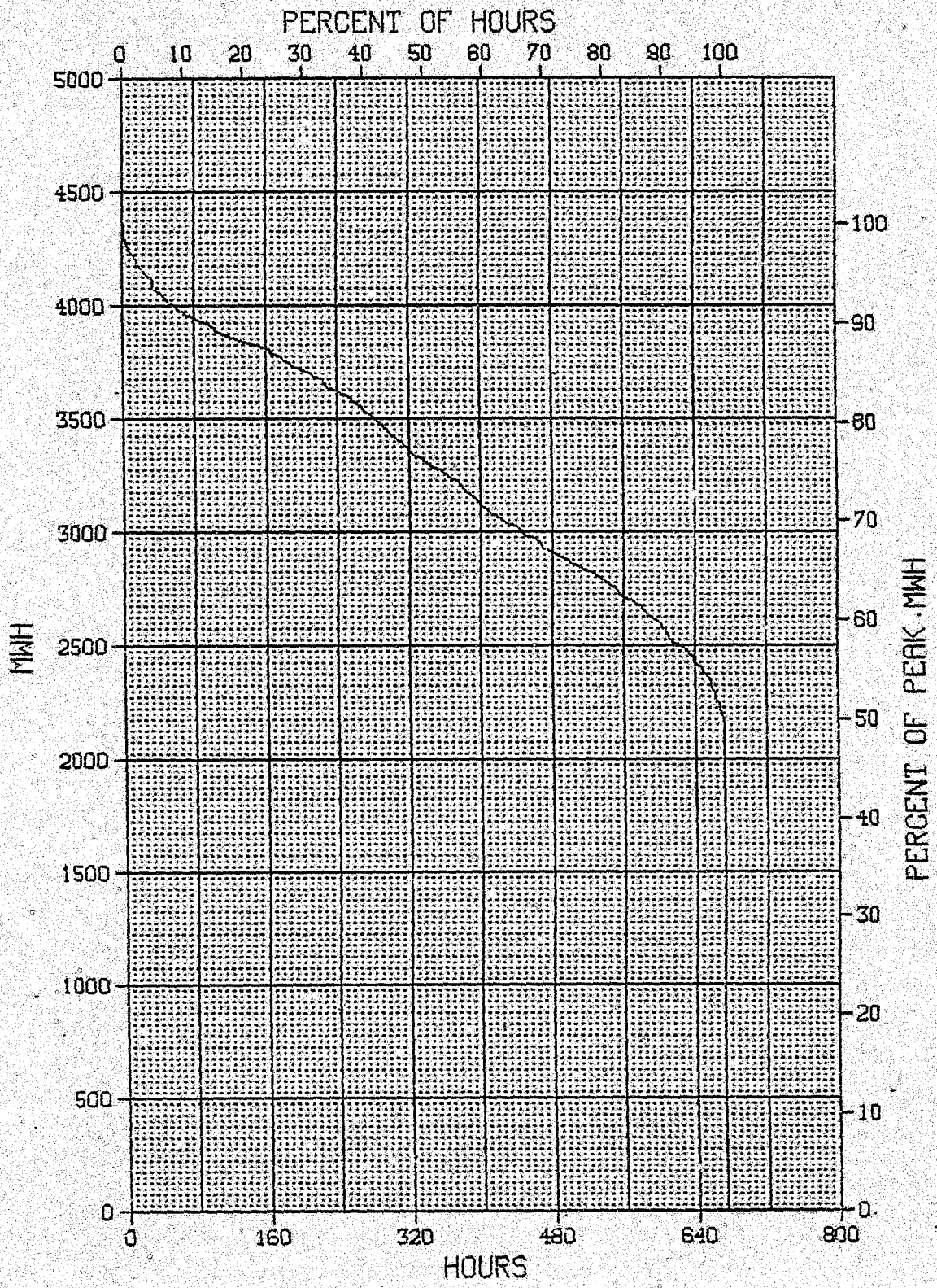
01-01-82 TO 01-31-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

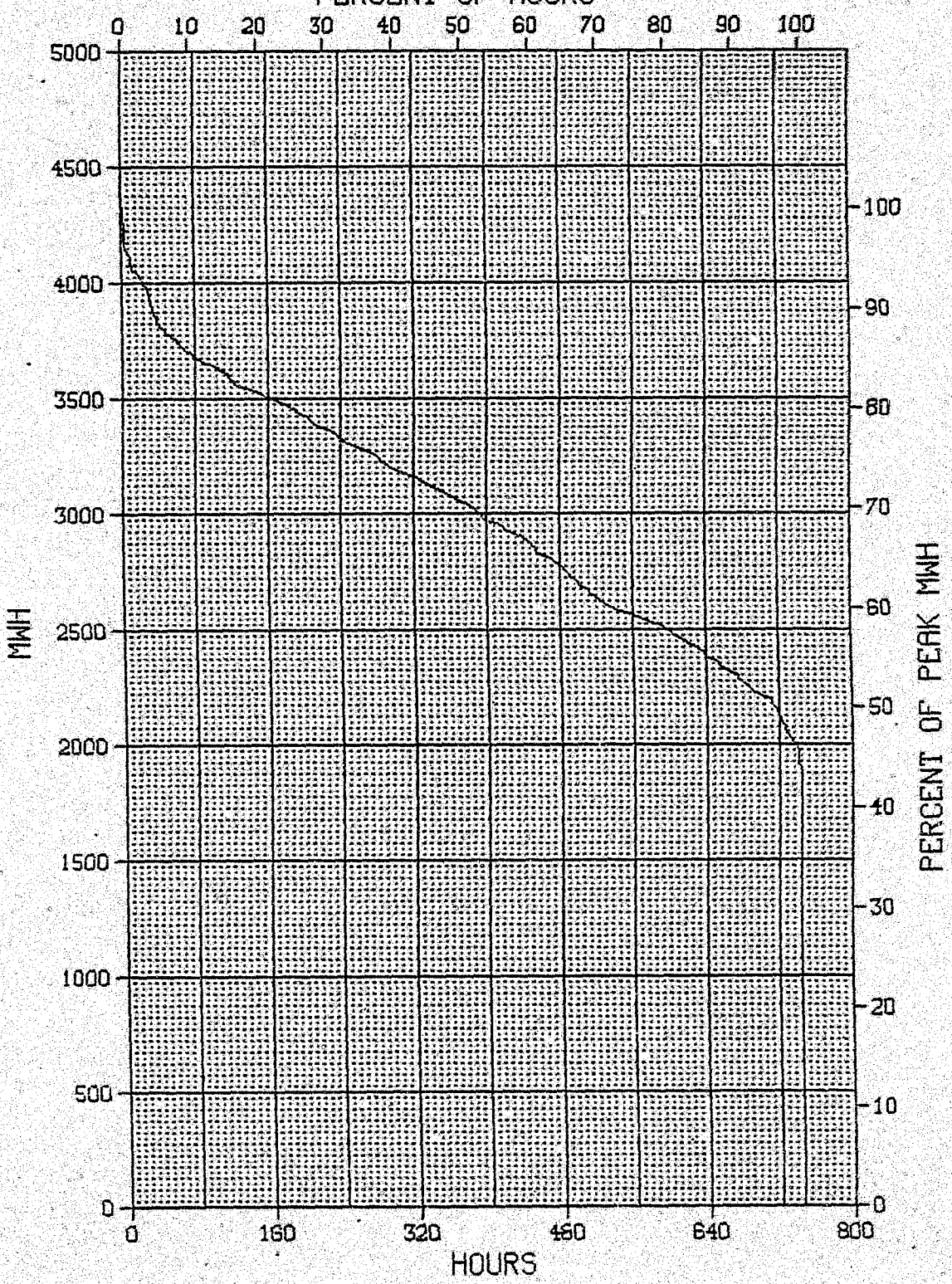
02-01-82 TO 02-28-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

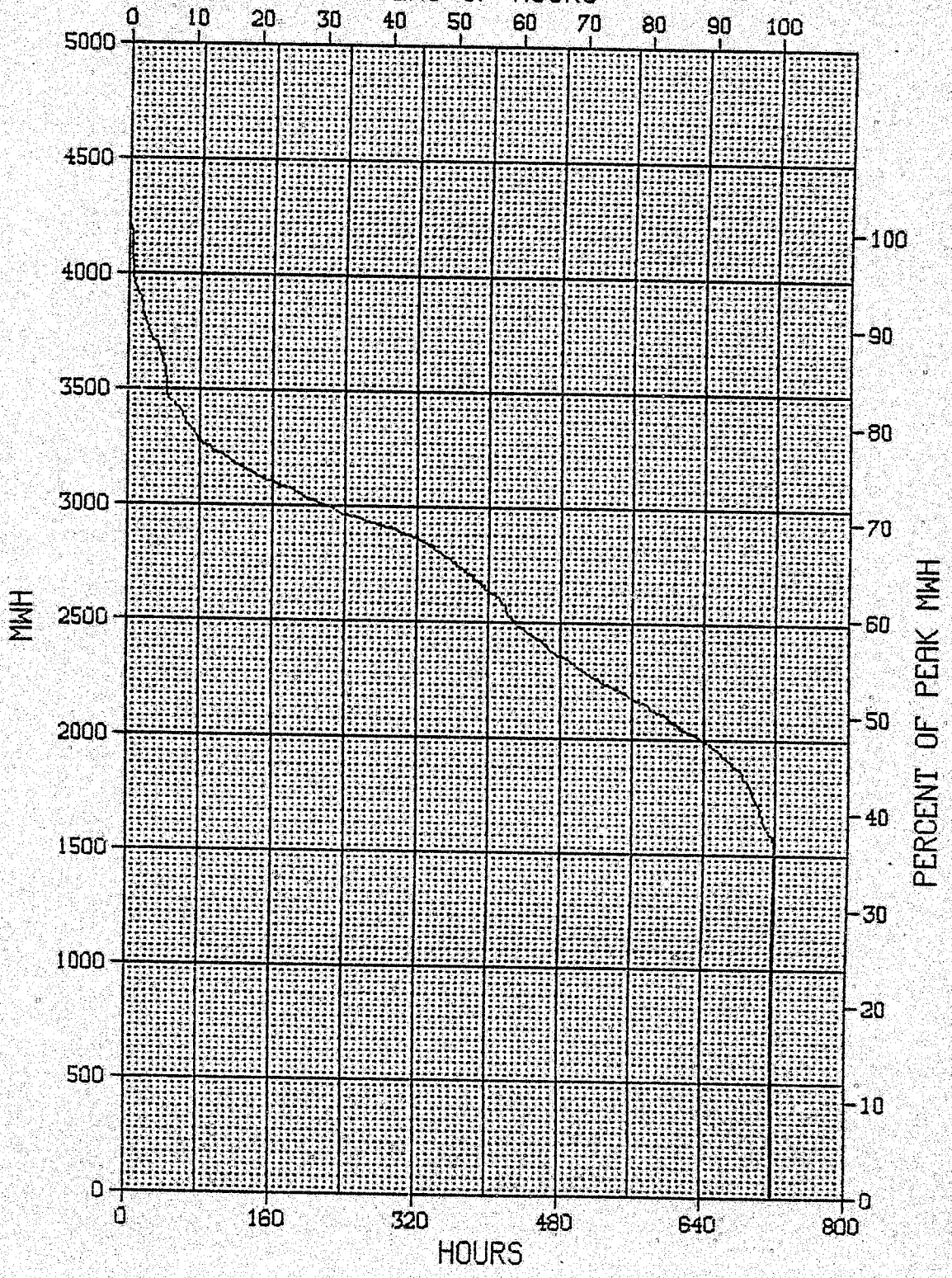
03-01-82 TO 03-31-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

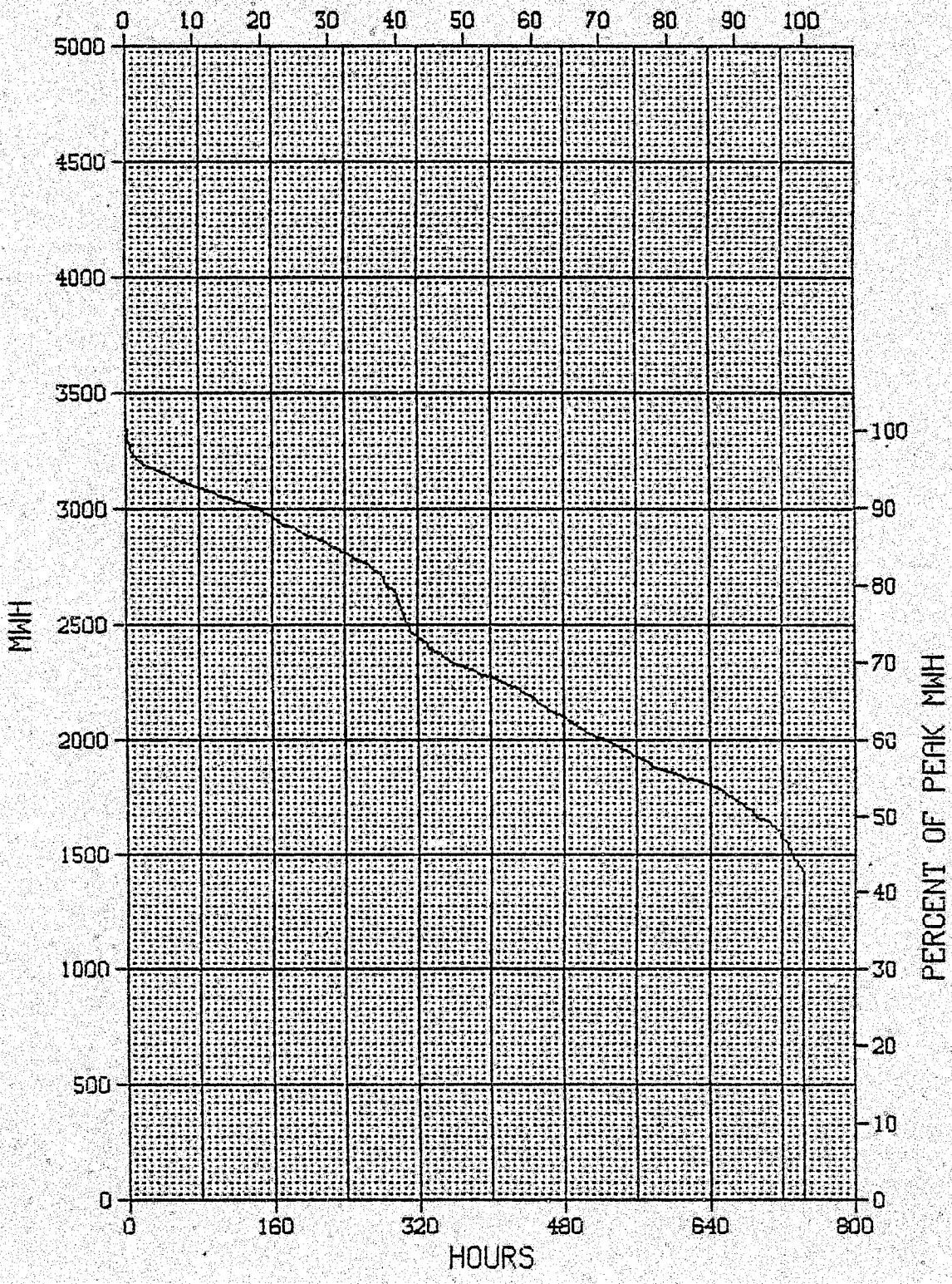
04-01-82 TO 04-30-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

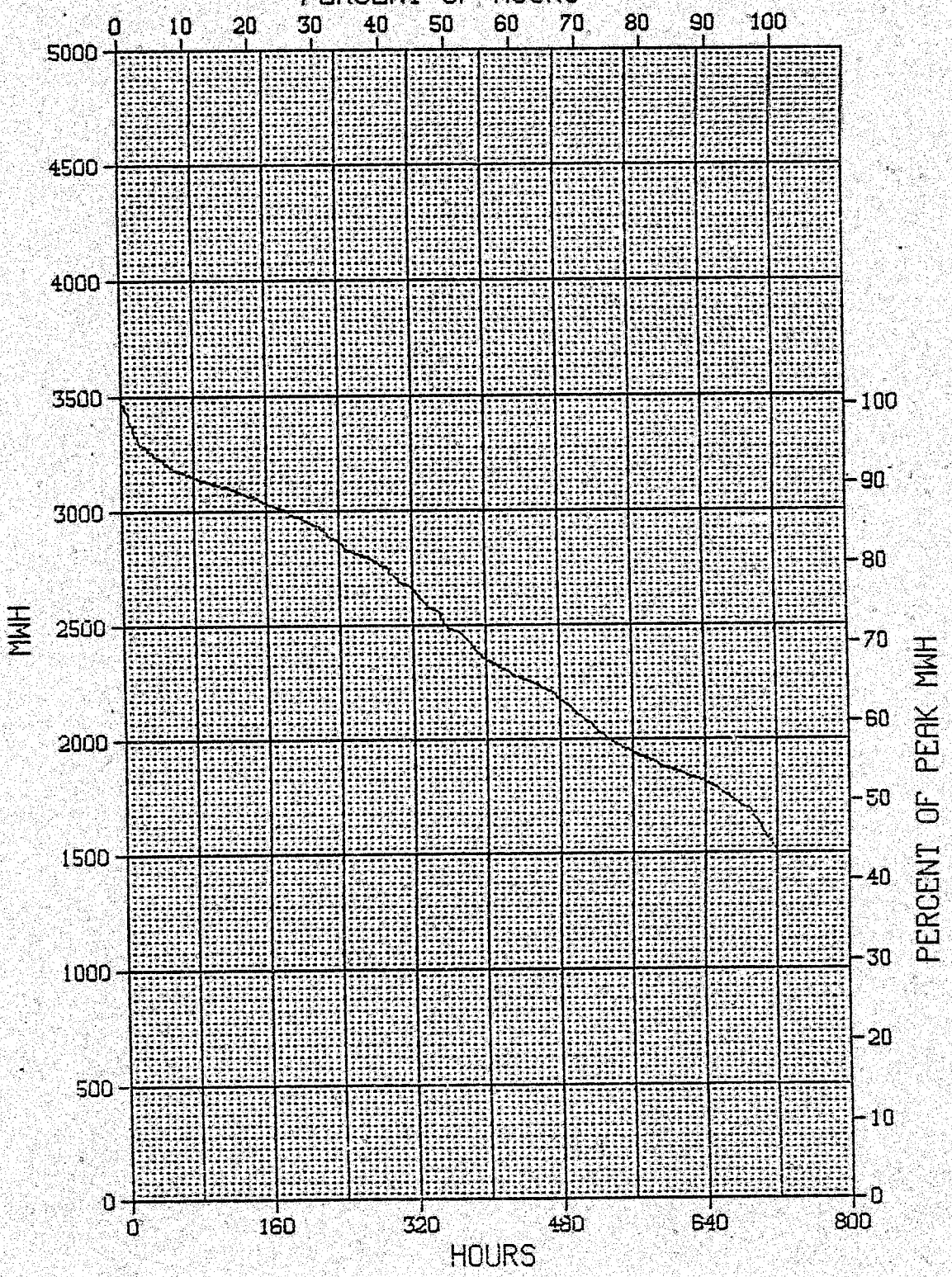
05-01-82 TO 05-31-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

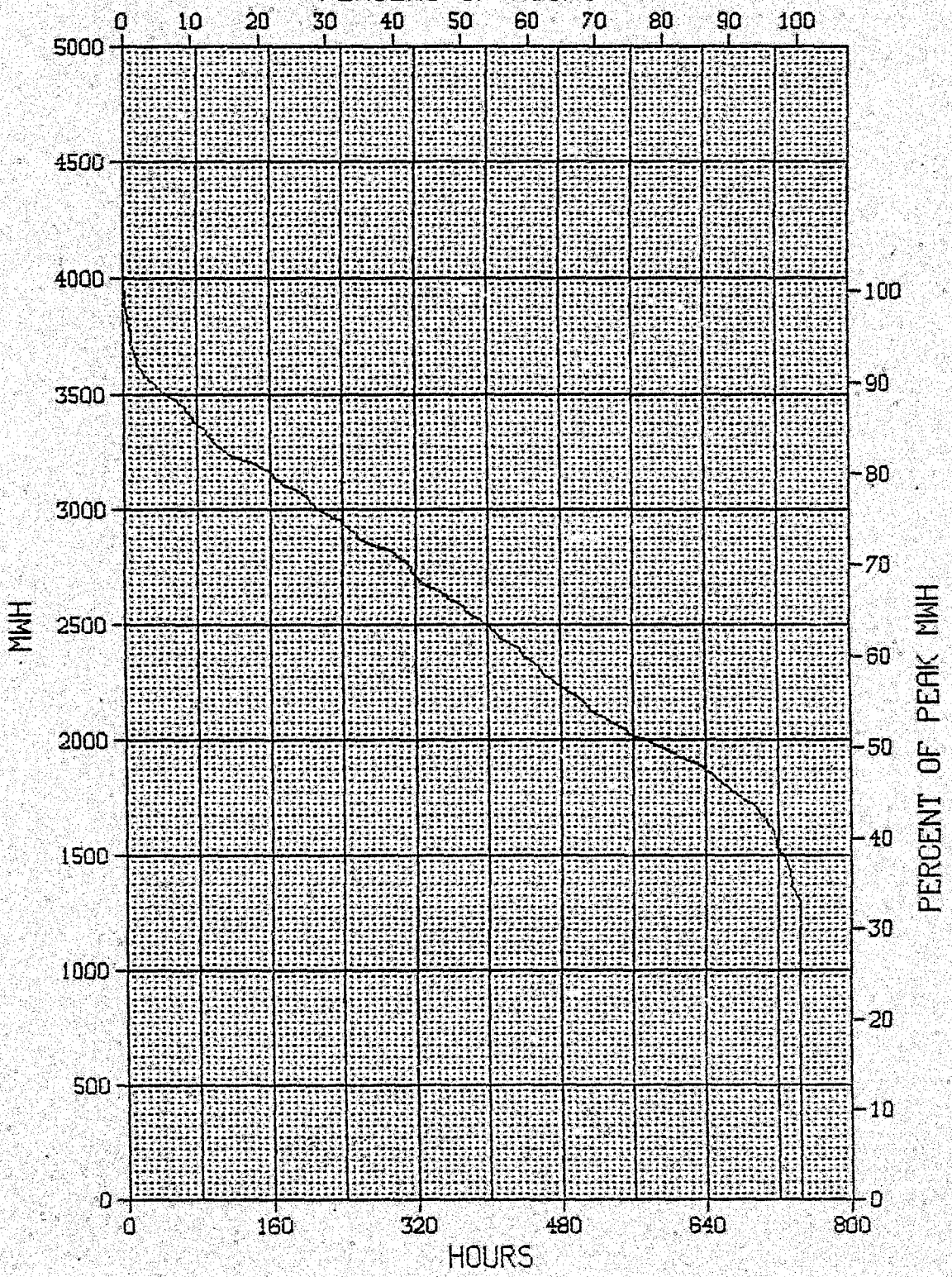
06-01-82 TO 06-30-82



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

07-01-82 TO 07-31-82



PENNSYLVANIA POWER & LIGHT COMPANY

Load Duration Curves
Year Ended July 31, 1982

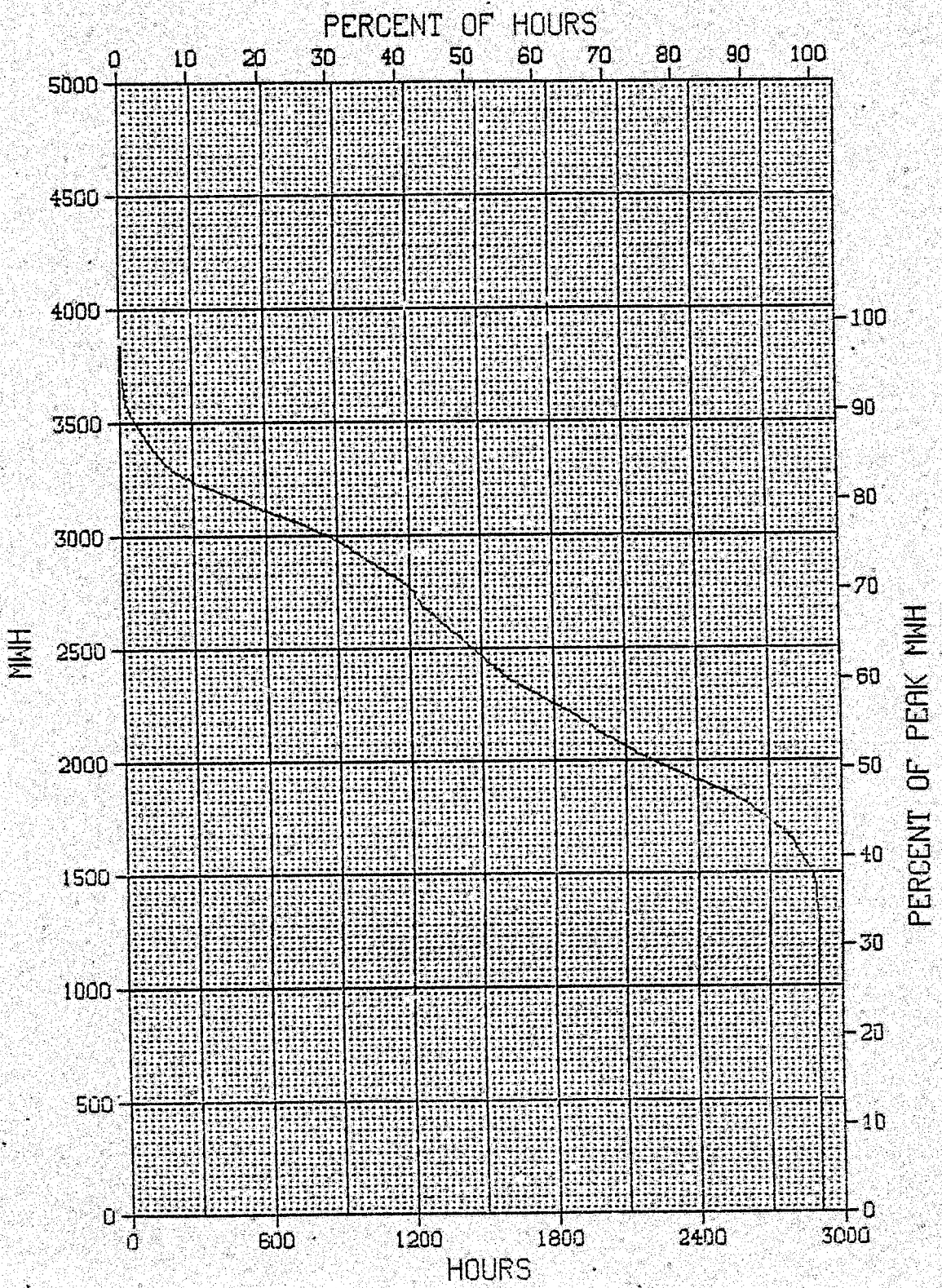
Part c. For summer and winter periods for the experienced test year.

	Page
Summer period:	
(August and September, 1981, June and July, 1982)	1
Winter period:	
October 1, 1981 through March 31, 1982	2

PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

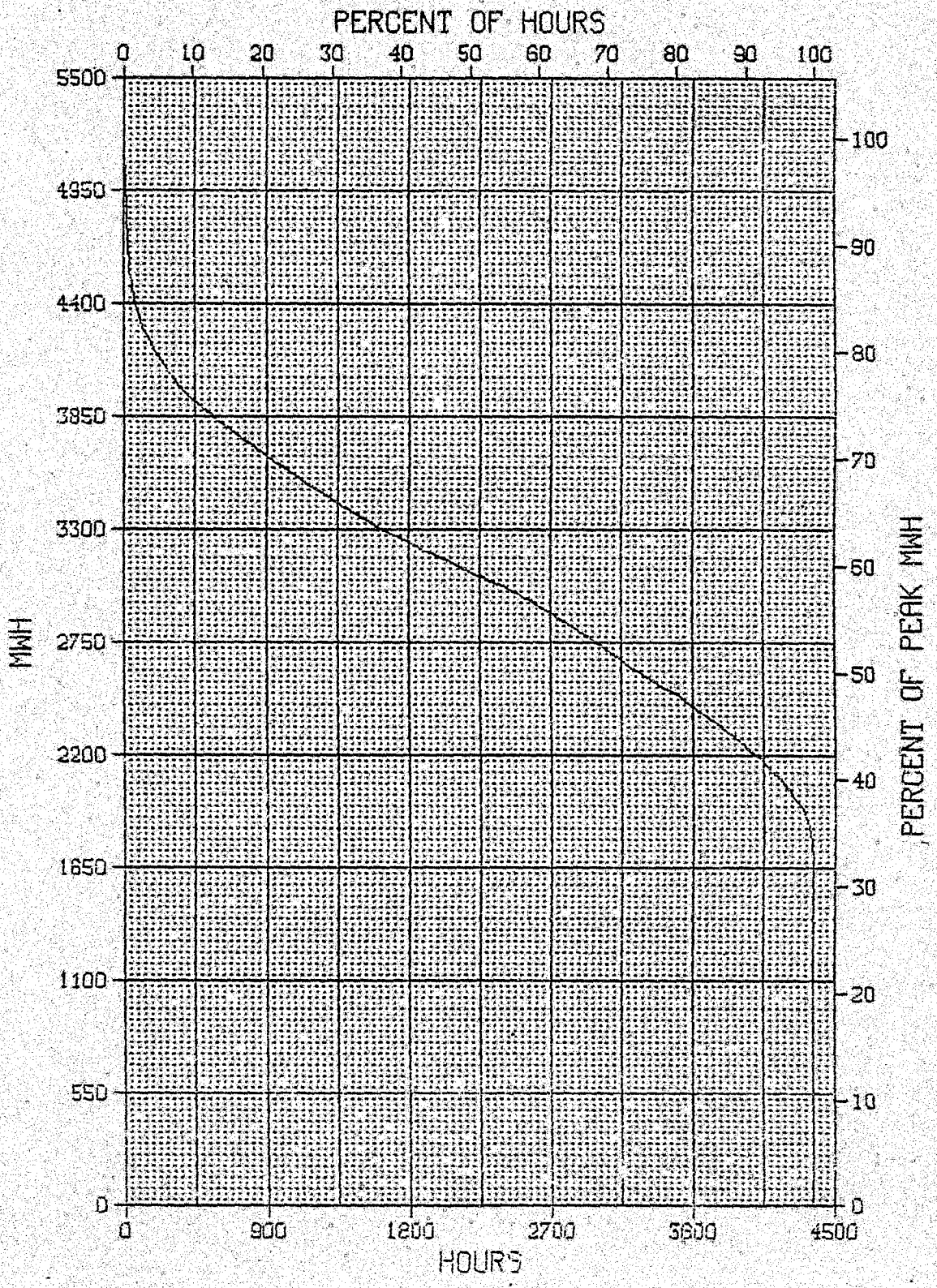
SUMMER PERIOD



PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

WINTER PERIOD



PENNSYLVANIA POWER & LIGHT COMPANY

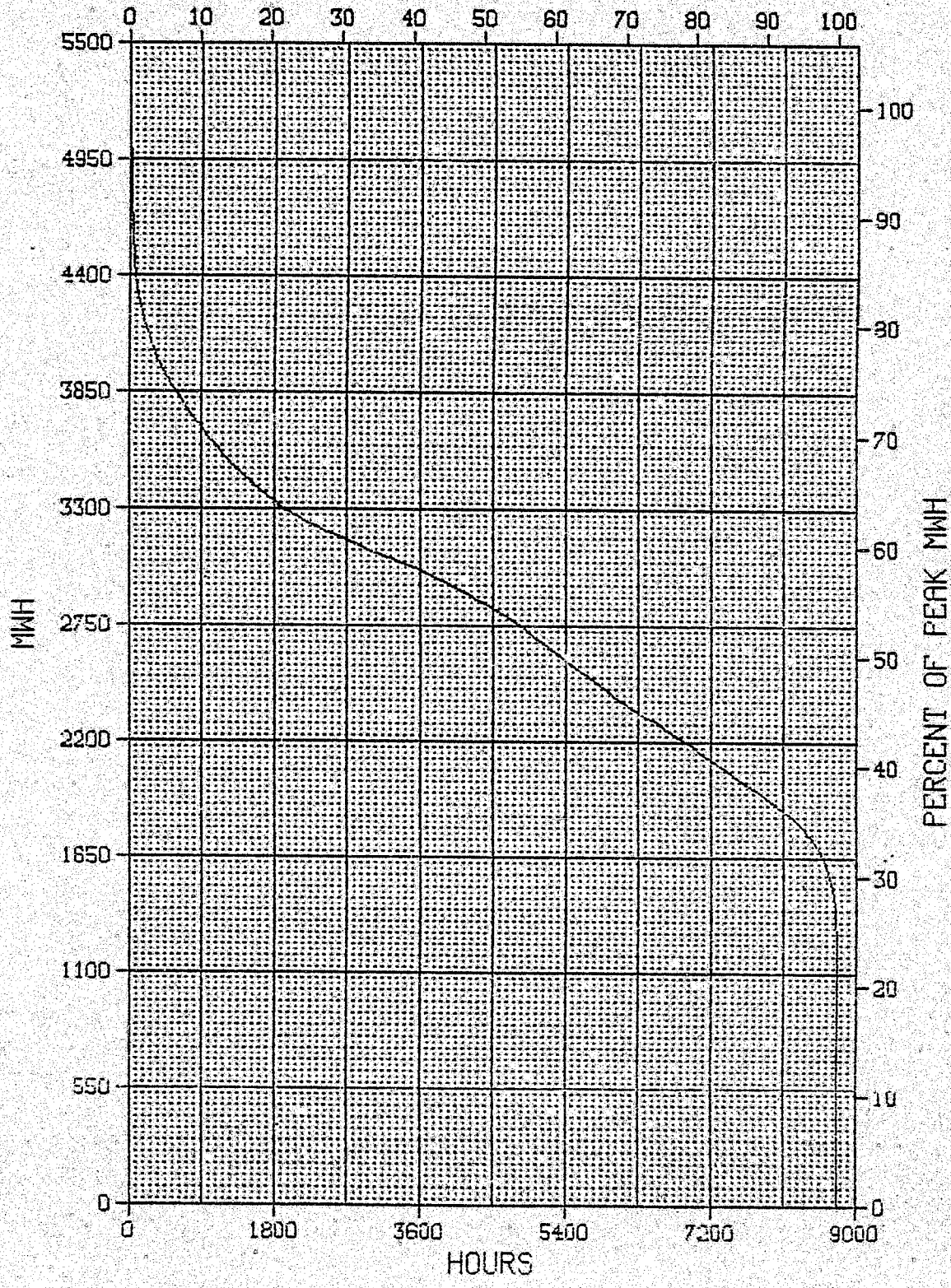
Load Duration Curves
Year Ended July 31, 1982

Part d. For the test year ended July 31, 1982.

PENNSYLVANIA POWER AND LIGHT COMPANY

PL COMPANY LOAD DURATION CURVE

08-01-81 TO 07-31-82



Q. 19. Provide load occurrence curves for each of the following time periods:

a. The peak day(s) as utilized in the cost of service study
b. Each month of the experienced test year
c. Summer, winter (define) periods for the experienced test year
d. The experienced test year, i.e. -- an annual curve

A. 19. a. Attachment IV-C-19a provides hourly load occurrences for the 12 peak days used in the cost of service study for the year ended July 31, 1982.

b. Attachment IV-C-19b provides load occurrences for each month of the year ended July 31, 1982. All days in each month are included.

c. Attachment IV-C-19c provides load occurrence data for the summer period (August 1981 through September 1981 and June 1982 through July 1982) and the winter period October 1981 through March 1982).

d. Attachment IV-C-19d provides load occurrence data for the year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Load Occurrence Curves
Year Ended July 31, 1982

Part a. The peak days as utilized in cost-of-service study.

	Page
August 1981	1
September	2
October	3
November	4
December	5
January 1982	6
February	7
March	8
April	9
May	10
June	11
July	12

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-11-81 TO 08-11-81

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1971- 1980	1	4.16	1	4.16	24	100.00	0	0.00	1,978	34,757	49.20	248	80,307	113.68
1981- 1990	2	8.33	3	12.50	23	95.83	1	4.16	3,972	38,729	54.82	242	80,549	114.03
2111- 2120	1	4.16	4	16.66	21	87.50	3	12.50	4,228	47,117	66.70	2,328	89,557	126.78
2191- 2200	1	4.16	5	20.83	20	83.33	4	16.66	4,397	55,869	79.09	2,407	97,719	138.33
2271- 2280	1	4.16	6	25.00	19	79.16	5	20.83	2,275	64,854	91.81	195	105,954	149.99
2321- 2330	1	4.16	7	29.16	18	75.00	6	25.00	2,321	76,393	108.14	181	116,073	164.32
2491- 2500	1	4.16	8	33.33	17	70.83	7	29.16	4,995	100,925	142.87	2,675	141,005	199.61
2821- 2830	1	4.16	9	37.50	16	66.66	8	33.33	8,479	138,794	196.48	5,819	181,334	256.71
2861- 2870	1	4.16	10	41.66	15	62.50	9	37.50	8,599	155,952	220.77	5,889	196,232	277.80
3001- 3010	1	4.16	11	45.83	14	58.33	10	41.66	3,009	206,097	291.76	149	245,337	347.32
3081- 3090	1	4.16	12	50.00	13	54.16	11	45.83	6,167	242,642	343.50	3,217	279,842	396.16
3171- 3180	1	4.16	13	54.16	12	50.00	12	50.00	6,357	302,054	427.61	3,307	337,164	477.31
3191- 3200	1	4.16	14	58.33	11	45.83	13	54.16	9,587	311,641	441.18	6,507	343,781	486.68
3251- 3260	1	4.16	15	62.50	10	41.66	14	58.33	13,025	337,578	477.90	9,875	367,068	519.65
3311- 3320	1	4.16	16	66.66	9	37.50	15	62.50	3,319	363,855	515.10	99	390,575	552.93
3441- 3450	1	4.16	17	70.83	8	33.33	16	66.66	6,885	424,763	601.33	3,525	449,083	635.76
3481- 3490	1	4.16	18	75.00	7	29.16	17	70.83	6,972	456,025	645.58	3,562	477,145	675.48
3551- 3560	1	4.16	19	79.16	6	25.00	18	75.00	7,113	491,234	695.43	3,623	509,224	720.90
3581- 3590	1	4.16	20	83.33	5	20.83	19	79.16	3,583	512,669	725.77	53	527,229	746.39
3591- 3600	1	4.16	21	87.50	4	16.66	20	83.33	10,791	523,460	741.05	7,241	534,470	756.64
3601- 3610	1	4.16	22	91.66	3	12.50	21	87.50	10,811	534,271	756.36	7,241	541,711	766.89
3631- 3640	1	4.16	23	95.83	2	8.33	22	91.66	7,273	552,605	782.03	3,663	556,275	787.51
3651- 3660	1	4.16	24	100.00	1	4.16	23	95.83	7,312	570,651	807.86	3,672	570,891	808.20

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 70,637

PEAK MWH OF 3660 OCCURRED ON 08-11-81 AT 2 PM

Attachment IV-C-19a
Page 1

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
09-14-81 TO 09-14-81

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1751- 1760	2	8.33	2	8.33	24	100.00	0	0.00	7,019	7,019	10.22	3,759	45,759	66.66
1761- 1770	1	4.16	3	12.50	22	91.66	2	8.33	3,528	10,547	15.36	1,988	47,747	69.56
1801- 1810	1	4.16	4	16.66	21	87.50	3	12.50	9,027	21,348	31.10	7,437	57,588	83.90
1881- 1890	1	4.16	5	20.83	20	83.33	4	16.66	1,808	25,102	36.57	208	61,062	88.96
1891- 1900	1	4.16	6	25.00	19	79.16	5	20.83	1,891	26,993	39.32	191	61,253	89.24
2301- 2310	1	4.16	7	29.16	18	75.00	6	25.00	4,610	59,223	86.28	2,490	98,563	143.60
2471- 2480	1	4.16	8	33.33	17	70.83	7	29.16	2,477	76,105	110.88	177	115,865	168.81
2781- 2790	1	4.16	9	37.50	16	66.66	8	33.33	2,786	112,964	164.58	166	154,904	225.68
2841- 2850	1	4.16	10	41.66	15	62.50	9	37.50	2,845	121,466	176.97	155	161,466	235.24
3061- 3070	1	4.16	11	45.83	14	58.33	10	41.66	3,067	210,428	306.58	147	250,448	364.89
3171- 3180	1	4.16	12	50.00	13	54.16	11	45.83	3,178	269,746	393.00	138	308,026	448.78
3291- 3300	1	4.16	13	54.16	12	50.00	12	50.00	6,588	321,783	468.82	3,418	358,213	521.90
3321- 3330	1	4.16	14	58.33	11	45.83	13	54.16	3,329	325,112	473.67	119	358,552	522.39
3331- 3340	1	4.16	15	62.50	10	41.66	14	58.33	3,332	328,444	478.53	102	358,654	522.54
3341- 3350	1	4.16	16	66.66	9	37.50	15	62.50	10,036	338,480	493.15	6,786	365,440	532.43
3371- 3380	1	4.16	17	70.83	8	33.33	16	66.66	10,126	355,325	517.69	6,836	379,155	552.41
3401- 3410	1	4.16	18	75.00	7	29.16	17	70.83	6,812	365,519	532.54	3,482	386,159	562.61
3471- 3480	2	8.33	20	83.33	6	25.00	18	75.00	10,430	403,537	587.93	3,550	417,657	608.51
3481- 3490	1	4.16	21	87.50	4	16.66	20	83.33	3,486	407,023	593.01	46	417,703	608.57
3491- 3500	1	4.16	22	91.66	3	12.50	21	87.50	10,495	417,518	608.30	7,035	424,738	618.82
3521- 3530	1	4.16	23	95.83	2	8.33	22	91.66	7,055	431,583	628.79	3,555	435,343	634.27
3561- 3570	1	4.16	24	100.00	1	4.16	23	95.83	10,697	449,369	654.71	7,147	449,609	655.06

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 68,636

PEAK MWH OF 3561 OCCURRED ON 09-14-81 AT 2 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-20-81 TO 10-20-81

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2231- 2240	1	4.16	1	4.16	24	100.00	0	0.00	2,240	39,209	55.57	250	90,739	128.60
2251- 2260	1	4.16	2	8.33	23	95.83	1	4.16	2,254	41,463	58.76	234	91,203	129.26
2291- 2300	1	4.16	3	12.50	22	91.66	2	8.33	2,292	43,755	62.01	222	92,085	130.51
2301- 2310	1	4.16	4	16.66	21	87.50	3	12.50	2,305	46,060	65.28	215	92,300	130.82
2381- 2390	1	4.16	5	20.83	20	83.33	4	16.66	2,382	53,133	75.30	202	98,593	139.74
2431- 2440	1	4.16	6	25.00	19	79.16	5	20.83	2,432	55,565	78.75	192	99,545	141.09
2451- 2460	1	4.16	7	29.16	18	75.00	6	25.00	2,455	60,465	85.70	185	102,355	145.07
2671- 2680	1	4.16	8	33.33	17	70.83	7	29.16	2,678	83,491	118.33	178	126,451	179.22
2961- 2970	1	4.16	9	37.50	16	66.66	8	33.33	8,906	146,832	208.11	6,106	191,472	271.38
2971- 2980	1	4.16	10	41.66	15	62.50	9	37.50	5,951	152,783	216.54	3,131	194,603	275.82
3021- 3030	1	4.16	11	45.83	14	58.33	10	41.66	6,050	167,848	237.90	3,170	207,348	293.88
3031- 3040	1	4.16	12	50.00	13	54.16	11	45.83	9,104	176,952	250.80	6,204	213,552	302.67
3051- 3060	1	4.16	13	54.16	12	50.00	12	50.00	3,053	186,090	263.75	123	219,880	311.64
3101- 3110	1	4.16	14	58.33	11	45.83	13	54.16	12,421	210,883	298.89	9,431	242,123	343.17
3111- 3120	1	4.16	15	62.50	10	41.66	14	58.33	9,352	220,235	312.15	6,342	248,465	352.16
3121- 3130	1	4.16	16	66.66	9	37.50	15	62.50	3,123	223,358	316.57	93	248,558	352.29
3211- 3220	1	4.16	17	70.83	8	33.33	16	66.66	6,435	255,059	361.50	3,305	277,769	393.69
3251- 3260	2	8.33	19	79.16	7	29.16	17	70.83	9,773	271,309	384.54	3,343	287,799	407.91
3341- 3350	1	4.16	20	83.33	5	20.83	19	79.16	6,686	297,658	421.88	3,396	311,258	441.16
3491- 3500	1	4.16	21	87.50	4	16.66	20	83.33	6,996	355,971	504.53	3,546	366,681	519.71
3501- 3510	2	8.33	23	95.83	3	12.50	21	87.50	7,010	362,981	514.47	40	366,721	519.77
3521- 3530	1	4.16	24	100.00	1	4.16	23	95.83	3,527	366,508	519.47	17	366,748	519.81

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 70,554

PEAK MWH OF 3527 OCCURRED ON 10-20-81 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
11-24-81 TO 11-24-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2481- 2490	1	4.16	1	4.16	24	100.00	0	0.00	4,971	49,076	61.06	2,731	106,356	132.33
2491- 2500	1	4.16	2	8.33	23	95.83	1	4.16	2,498	51,574	64.17	238	106,594	132.62
2511- 2520	1	4.16	3	12.50	22	91.66	2	8.33	2,513	54,087	67.29	223	107,037	133.18
2551- 2560	1	4.16	4	16.66	21	87.50	3	12.50	2,551	56,638	70.47	211	107,878	134.22
2601- 2610	1	4.16	5	20.83	20	83.33	4	16.66	2,604	61,805	76.90	204	111,445	138.66
2761- 2770	1	4.16	6	25.00	19	79.16	5	20.83	5,534	72,724	90.48	2,984	122,644	152.59
2851- 2860	1	4.16	7	29.16	18	75.00	6	25.00	5,714	86,871	108.08	3,044	135,561	168.67
3101- 3110	1	4.16	8	33.33	17	70.83	7	29.16	9,315	173,685	216.10	6,385	223,525	278.11
3271- 3280	1	4.16	9	37.50	16	66.66	8	33.33	6,544	227,942	283.61	3,434	277,232	344.94
3401- 3410	1	4.16	10	41.66	15	62.50	9	37.50	3,407	261,397	325.24	157	309,237	384.76
3571- 3580	1	4.16	11	45.83	14	58.33	10	41.66	7,155	317,334	394.84	3,725	363,984	452.88
3591- 3600	1	4.16	12	50.00	13	54.16	11	45.83	7,193	324,527	403.79	3,733	367,847	457.69
3601- 3610	1	4.16	13	54.16	12	50.00	12	50.00	7,210	331,737	412.76	3,730	371,577	462.33
3671- 3680	1	4.16	14	58.33	11	45.83	13	54.16	14,695	375,519	467.23	11,135	412,459	513.20
3691- 3700	1	4.16	15	62.50	10	41.66	14	58.33	25,861	401,380	499.41	22,271	434,830	541.03
3711- 3720	1	4.16	16	66.66	9	37.50	15	62.50	11,141	416,222	517.88	7,521	446,142	555.11
3721- 3730	1	4.16	17	70.83	8	33.33	16	66.66	3,729	419,951	522.52	89	446,231	555.22
3751- 3760	1	4.16	18	75.00	7	29.16	17	70.83	7,506	431,204	536.52	3,826	453,944	564.81
3761- 3770	1	4.16	19	79.16	6	25.00	18	75.00	3,761	434,965	541.20	61	454,005	564.89
3791- 3800	2	8.33	21	87.50	5	20.83	19	79.16	15,195	461,512	574.23	7,665	473,122	588.67
3841- 3850	1	4.16	22	91.66	3	12.50	21	87.50	3,849	484,485	602.81	39	492,405	612.67
3861- 3870	1	4.16	23	95.83	2	8.33	22	91.66	7,739	492,224	612.44	3,899	496,324	617.54
3881- 3890	1	4.16	24	100.00	1	4.16	23	95.83	11,657	503,881	626.95	7,787	504,121	627.25

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 80,370

PEAK MWH OF 3890 OCCURRED ON 11-24-81 AT 10 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
12-21-81 TO 12-21-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2891- 2900	1	4.16	1	4.16	24	100.00	0	0.00	2,899	80,105	89.29	249	146,815	163.65
2901- 2910	1	4.16	2	8.33	23	95.83	1	4.16	2,905	83,010	92.53	235	147,050	163.91
2931- 2940	1	4.16	3	12.50	22	91.66	2	8.33	5,875	97,652	108.85	3,165	159,422	177.71
2971- 2980	1	4.16	4	16.66	21	87.50	3	12.50	2,976	109,526	122.09	216	169,166	188.57
3031- 3040	1	4.16	5	20.83	20	83.33	4	16.66	6,069	127,636	142.27	3,239	185,446	206.71
3141- 3150	1	4.16	6	25.00	19	79.16	5	20.83	12,581	174,260	194.25	9,631	231,020	257.52
3191- 3200	1	4.16	7	29.16	18	75.00	6	25.00	6,394	183,805	204.89	3,384	238,275	265.60
3491- 3500	1	4.16	8	33.33	17	70.83	7	29.16	3,497	267,896	298.62	177	323,976	361.14
3591- 3600	1	4.16	9	37.50	16	66.66	8	33.33	3,595	289,294	322.48	165	343,384	382.77
3801- 3810	1	4.16	10	41.66	15	62.50	9	37.50	7,614	400,364	446.29	3,964	453,804	505.86
3891- 3900	1	4.16	11	45.83	14	58.33	10	41.66	7,786	431,297	480.77	4,036	482,107	537.41
3931- 3940	1	4.16	12	50.00	13	54.16	11	45.83	7,869	458,746	511.37	4,069	506,146	564.20
3961- 3970	2	8.33	14	58.33	12	50.00	12	50.00	7,935	478,527	533.42	135	518,367	577.83
3971- 3980	1	4.16	15	62.50	10	41.66	14	58.33	15,908	494,435	551.15	12,038	530,405	591.25
4041- 4050	1	4.16	16	66.66	9	37.50	15	62.50	4,046	506,509	564.61	96	539,069	600.90
4101- 4110	1	4.16	17	70.83	8	33.33	16	66.66	4,102	518,735	578.24	82	547,675	610.50
4141- 4150	1	4.16	18	75.00	7	29.16	17	70.83	4,144	526,998	587.45	74	552,078	615.40
4171- 4180	1	4.16	19	79.16	6	25.00	18	75.00	4,172	531,170	592.10	62	552,260	615.61
4231- 4240	1	4.16	20	83.33	5	20.83	19	79.16	8,476	556,421	620.25	4,296	573,581	639.37
4241- 4250	1	4.16	21	87.50	4	16.66	20	83.33	4,247	560,668	624.98	47	573,628	639.43
4251- 4260	1	4.16	22	91.66	3	12.50	21	87.50	4,254	564,922	629.72	34	573,662	639.46
4361- 4370	1	4.16	23	95.83	2	8.33	22	91.66	4,365	582,217	649.00	25	586,817	654.13
4401- 4410	1	4.16	24	100.00	1	4.16	23	95.83	4,407	591,024	658.82	17	591,264	659.09

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 89,709

PEAK MWH OF 4407 OCCURRED ON 12-21-81 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
01-11-82 TO 01-11-82

DATE 09/22/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3631- 3640	1	4.16	1	4.16	24	100.00	0	0.00	3,640	3,640	3.34	250	87,370	80.29
3641- 3650	1	4.16	2	8.33	23	95.83	1	4.16	3,642	7,282	6.69	232	87,602	80.50
3671- 3680	1	4.16	3	12.50	22	91.66	2	8.33	3,673	10,955	10.06	223	88,265	81.11
3691- 3700	1	4.16	4	16.66	21	87.50	3	12.50	3,699	14,654	13.46	219	88,694	81.51
3711- 3720	1	4.16	5	20.83	20	83.33	4	16.66	3,717	18,371	16.88	207	89,101	81.88
3901- 3910	2	8.33	7	29.16	19	79.16	5	20.83	7,812	26,183	24.06	202	92,723	85.21
4191- 4200	1	4.16	8	33.33	17	70.83	7	29.16	4,199	30,382	27.92	179	97,662	89.75
4391- 4400	1	4.16	9	37.50	16	66.66	8	33.33	4,400	34,782	31.96	170	100,872	92.70
4501- 4510	1	4.16	10	41.66	15	62.50	9	37.50	4,509	39,291	36.10	159	102,531	94.22
4751- 4760	1	4.16	11	45.83	14	58.33	10	41.66	4,755	44,046	40.47	145	106,036	97.45
4781- 4790	1	4.16	12	50.00	13	54.16	11	45.83	4,788	48,834	44.88	138	106,434	97.81
4871- 4880	1	4.16	13	54.16	12	50.00	12	50.00	4,871	53,705	49.35	121	107,515	98.80
4891- 4900	1	4.16	14	58.33	11	45.83	13	54.16	4,897	58,602	53.85	117	107,742	99.01
4911- 4920	2	8.33	16	66.66	10	41.66	14	58.33	9,825	68,427	62.88	105	107,947	99.20
4951- 4960	2	8.33	18	75.00	8	33.33	16	66.66	9,907	78,334	71.99	87	108,274	99.50
4991- 5000	1	4.16	19	79.16	6	25.00	18	75.00	4,992	83,326	76.57	62	108,516	99.72
5031- 5040	1	4.16	20	83.33	5	20.83	19	79.16	5,032	88,358	81.20	52	108,718	99.91
5041- 5050	1	4.16	21	87.50	4	16.66	20	83.33	5,049	93,407	85.84	49	108,767	99.96
5051- 5060	1	4.16	22	91.66	3	12.50	21	87.50	5,052	98,459	90.48	32	108,799	99.98
5141- 5150	1	4.16	23	95.83	2	8.33	22	91.66	5,144	103,603	95.21	24	108,983	100.15
5201- 5210	1	4.16	24	100.00	1	4.16	23	95.83	5,207	108,810	100.00	17	109,050	100.22

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 108,810

PEAK MWH OF 5207 OCCURRED ON 01-11-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
02-11-82 TO 02-11-82

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3021- 3030	1	4.16	1	4.16	24	100.00	0	0.00	3,026	109,848	123.78	246	179,548	202.32
3041- 3050	1	4.16	2	8.33	23	95.83	1	4.16	6,085	118,967	134.05	3,275	186,087	209.69
3081- 3090	1	4.16	3	12.50	22	91.66	2	8.33	3,085	122,052	137.53	225	186,972	210.69
3101- 3110	1	4.16	4	16.66	21	87.50	3	12.50	6,212	137,551	155.00	3,322	199,791	225.13
3111- 3120	1	4.16	5	20.83	20	83.33	4	16.66	6,234	143,785	162.02	3,324	203,115	228.88
3251- 3260	1	4.16	6	25.00	19	79.16	5	20.83	3,258	175,662	197.94	198	234,402	264.13
3291- 3300	1	4.16	7	29.16	18	75.00	6	25.00	3,293	192,054	216.41	183	248,224	279.71
3531- 3540	1	4.16	8	33.33	17	70.83	7	29.16	3,536	246,841	278.15	176	303,561	342.07
3621- 3630	1	4.16	9	37.50	16	66.66	8	33.33	3,630	275,573	310.53	170	330,113	371.99
3691- 3700	2	8.33	11	45.83	15	62.50	9	37.50	18,466	312,331	351.95	11,236	360,541	406.28
3741- 3750	1	4.16	12	50.00	13	54.16	11	45.83	3,747	323,491	364.52	137	368,611	415.37
3771- 3780	1	4.16	13	54.16	12	50.00	12	50.00	3,772	331,018	373.01	122	372,728	420.01
3821- 3830	1	4.16	14	58.33	11	45.83	13	54.16	3,830	353,833	398.72	120	392,273	442.03
3881- 3890	1	4.16	15	62.50	10	41.66	14	58.33	7,767	373,150	420.48	3,987	408,310	460.10
3911- 3920	2	8.33	17	70.83	9	37.50	15	62.50	7,838	384,879	433.70	108	412,489	464.81
3971- 3980	2	8.33	19	79.16	7	29.16	17	70.83	11,929	416,516	469.35	4,059	436,606	491.99
4061- 4070	1	4.16	20	83.33	5	20.83	19	79.16	4,068	432,668	487.55	58	449,148	506.12
4231- 4240	1	4.16	21	87.50	4	16.66	20	83.33	4,240	453,603	511.14	50	466,533	525.71
4281- 4290	1	4.16	22	91.66	3	12.50	21	87.50	4,283	457,886	515.97	33	466,686	525.89
4291- 4300	1	4.16	23	95.83	2	8.33	22	91.66	4,292	462,178	520.81	22	466,708	525.91
4351- 4360	1	4.16	24	100.00	1	4.16	23	95.83	4,355	466,533	525.71	15	466,773	525.98

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 88,742

PEAK MWH OF 4355 OCCURRED ON 02-11-82 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
03-04-82 TO 03-04-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 10/06/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2861- 2870	1	4.16	1	4.16	24	100.00	0	0.00	2,869	2,869	3.23	249	68,889	77.74
2891- 2900	1	4.16	2	8.33	23	95.83	1	4.16	2,891	5,760	6.50	231	69,580	78.52
2911- 2920	1	4.16	3	12.50	22	91.66	2	8.33	2,917	8,677	9.79	227	70,027	79.02
2921- 2930	1	4.16	4	16.66	21	87.50	3	12.50	2,930	11,607	13.09	220	70,247	79.27
2951- 2960	1	4.16	5	20.83	20	83.33	4	16.66	2,954	14,561	16.43	204	70,851	79.95
3011- 3020	1	4.16	6	25.00	19	79.16	5	20.83	3,011	17,572	19.83	191	71,992	81.24
3081- 3090	1	4.16	7	29.16	18	75.00	6	25.00	3,087	20,659	23.31	187	73,259	82.67
3241- 3250	1	4.16	8	33.33	17	70.83	7	29.16	3,250	23,909	26.98	180	75,989	85.75
3551- 3560	1	4.16	9	37.50	16	66.66	8	33.33	3,559	27,468	30.99	169	80,958	91.36
3611- 3620	1	4.16	10	41.66	15	62.50	9	37.50	3,619	31,087	35.08	159	81,867	92.38
3891- 3900	1	4.16	11	45.83	14	58.33	10	41.66	3,892	34,979	39.47	142	85,789	96.81
3981- 3990	2	8.33	13	54.16	13	54.16	11	45.83	7,974	42,953	48.47	144	86,973	98.15
4011- 4020	1	4.16	14	58.33	11	45.83	13	54.16	4,019	46,972	53.00	119	87,312	98.53
4041- 4050	1	4.16	15	62.50	10	41.66	14	58.33	4,046	51,018	57.57	106	87,618	98.87
4061- 4070	1	4.16	16	66.66	9	37.50	15	62.50	4,064	55,082	62.16	94	87,802	99.08
4071- 4080	2	8.33	18	75.00	8	33.33	16	66.66	8,152	63,234	71.36	92	87,894	99.18
4131- 4140	1	4.16	19	79.16	6	25.00	18	75.00	4,136	67,370	76.02	66	88,260	99.60
4151- 4160	1	4.16	20	83.33	5	20.83	19	79.16	4,155	71,525	80.71	55	88,365	99.72
4241- 4250	1	4.16	21	87.50	4	16.66	20	83.33	4,243	75,768	85.50	43	88,728	100.13
4251- 4260	1	4.16	22	91.66	3	12.50	21	87.50	4,260	80,028	90.31	40	88,768	100.17
4261- 4270	1	4.16	23	95.83	2	8.33	22	91.66	4,262	84,290	95.12	22	88,790	100.20
4321- 4330	1	4.16	24	100.00	1	4.16	23	95.83	4,322	88,612	100.00	12	88,852	100.27

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 88,612

PEAK MWH OF 4322 OCCURRED ON 03-04-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
04-07-82 TO 04-07-82

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2961- 2970	2	8.33	2	8.33	24	100.00	0	0.00	5,939	80,868	92.49	259	146,228	167.25
2991- 3000	1	4.16	3	12.50	22	91.66	2	8.33	5,996	86,864	99.35	3,226	149,894	171.44
3041- 3050	1	4.16	4	16.66	21	87.50	3	12.50	3,044	92,942	106.30	214	153,982	176.12
3091- 3100	1	4.16	5	20.83	20	83.33	4	16.66	9,287	102,229	116.92	6,397	161,179	184.35
3211- 3220	1	4.16	6	25.00	19	79.16	5	20.83	3,216	127,486	145.81	196	185,506	212.17
3261- 3270	1	4.16	7	29.16	18	75.00	6	25.00	3,262	137,225	156.95	182	192,885	220.61
3441- 3450	1	4.16	8	33.33	17	70.83	7	29.16	3,441	177,599	203.13	171	232,879	266.36
3601- 3610	1	4.16	9	37.50	16	66.66	8	33.33	3,604	202,194	231.26	164	256,434	293.30
3651- 3660	1	4.16	10	41.66	15	62.50	9	37.50	3,652	213,099	243.73	152	264,439	302.45
3671- 3680	1	4.16	11	45.83	14	58.33	10	41.66	3,671	216,770	247.93	141	264,720	302.77
3691- 3700	1	4.16	12	50.00	13	54.16	11	45.83	3,691	220,461	252.15	131	264,981	303.07
3711- 3720	1	4.16	13	54.16	12	50.00	12	50.00	3,712	224,173	256.40	122	265,223	303.35
3781- 3790	1	4.16	14	58.33	11	45.83	13	54.16	3,790	227,963	260.73	120	266,003	304.24
3801- 3810	1	4.16	15	62.50	10	41.66	14	58.33	3,810	239,368	273.78	110	273,808	313.17
3891- 3900	1	4.16	16	66.66	9	37.50	15	62.50	3,891	258,695	295.88	91	290,055	331.75
3931- 3940	1	4.16	17	70.83	8	33.33	16	66.66	3,932	262,627	300.38	82	290,377	332.12
3951- 3960	1	4.16	18	75.00	7	29.16	17	70.83	3,953	270,525	309.41	73	294,465	336.80
3971- 3980	1	4.16	19	79.16	6	25.00	18	75.00	3,977	274,502	313.96	67	294,592	336.94
4051- 4060	1	4.16	20	83.33	5	20.83	19	79.16	4,056	278,558	318.60	56	294,998	337.41
4111- 4120	1	4.16	21	87.50	4	16.66	20	83.33	4,119	282,677	323.31	49	295,247	337.69
4181- 4190	2	8.33	23	95.83	3	12.50	21	87.50	8,375	291,052	332.89	45	295,472	337.95
4201- 4210	1	4.16	24	100.00	1	4.16	23	95.83	4,201	295,253	337.70	11	295,493	337.97

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 87,430

PEAK MWH OF 4201 OCCURRED ON 04-07-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
05-24-82 TO 05-24-82

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1761- 1770	1	4.16	1	4.16	24	100.00	0	0.00	1,767	5,275	8.16	247	45,995	71.15
1771- 1780	1	4.16	2	8.33	23	95.83	1	4.16	1,774	7,049	10.90	234	46,229	71.51
1801- 1810	2	8.33	4	16.66	22	91.66	2	8.33	7,220	14,269	22.07	3,840	50,509	78.13
1861- 1870	1	4.16	5	20.83	20	83.33	4	16.66	1,866	16,135	24.96	206	51,715	80.00
1941- 1950	1	4.16	6	25.00	19	79.16	5	20.83	1,948	21,921	33.91	198	57,081	88.30
2211- 2220	1	4.16	7	29.16	18	75.00	6	25.00	2,216	36,969	57.19	186	74,779	115.68
2371- 2380	1	4.16	8	33.33	17	70.83	7	29.16	2,375	41,660	64.44	175	79,820	123.48
2561- 2570	1	4.16	9	37.50	16	66.66	8	33.33	2,563	49,150	76.03	163	87,790	135.80
2821- 2830	1	4.16	10	41.66	15	62.50	9	37.50	2,830	57,398	88.79	160	97,118	150.23
2911- 2920	1	4.16	11	45.83	14	58.33	10	41.66	2,919	63,186	97.74	149	101,256	156.64
2921- 2930	2	8.33	13	54.16	13	54.16	11	45.83	5,848	69,034	106.79	138	101,394	156.85
2931- 2940	1	4.16	14	58.33	11	45.83	13	54.16	2,936	71,970	111.33	116	101,510	157.03
3031- 3040	1	4.16	15	62.50	10	41.66	14	58.33	3,034	80,962	125.24	104	108,472	167.80
3091- 3100	1	4.16	16	66.66	9	37.50	15	62.50	6,190	87,152	134.82	3,190	112,112	173.43
3141- 3150	2	8.33	18	75.00	8	33.33	16	66.66	9,437	102,844	159.09	3,237	121,924	188.61
3151- 3160	1	4.16	19	79.16	6	25.00	18	75.00	3,151	105,995	163.97	61	121,985	188.70
3241- 3250	1	4.16	20	83.33	5	20.83	19	79.16	3,242	115,670	178.93	52	128,870	199.35
3271- 3280	1	4.16	21	87.50	4	16.66	20	83.33	3,273	118,943	184.00	43	128,993	199.54
3281- 3290	2	8.33	23	95.83	3	12.50	21	87.50	6,564	125,507	194.15	34	129,027	199.60
3341- 3350	1	4.16	24	100.00	1	4.16	23	95.83	3,341	128,848	199.32	11	129,088	199.69

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 64,642

PEAK MWH OF 3341 OCCURRED ON 05-24-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-28-82 TO 06-28-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1751- 1760	2	8.33	2	8.33	24	100.00	0	0.00	3,508	3,508	5.20	248	42,248	62.70
1801- 1810	2	8.33	4	16.66	22	91.66	2	8.33	3,613	7,121	10.56	233	43,361	64.35
1901- 1910	1	4.16	5	20.83	20	83.33	4	16.66	1,908	9,029	13.40	208	45,369	67.33
1921- 1930	1	4.16	6	25.00	19	79.16	5	20.83	1,930	10,959	16.26	200	45,759	67.91
2161- 2170	1	4.16	7	29.16	18	75.00	6	25.00	2,170	19,406	28.80	190	56,366	83.65
2481- 2490	1	4.16	8	33.33	17	70.83	7	29.16	2,482	31,034	46.06	172	70,954	105.31
2641- 2650	1	4.16	9	37.50	16	66.66	8	33.33	2,648	33,682	49.99	168	73,522	109.12
2861- 2870	1	4.16	10	41.66	15	62.50	9	37.50	2,869	39,321	58.36	159	79,601	118.14
2991- 3000	1	4.16	11	45.83	14	58.33	10	41.66	2,999	45,279	67.20	149	84,389	125.25
3091- 3100	1	4.16	12	50.00	13	54.16	11	45.83	3,097	48,376	71.80	137	85,696	127.19
3111- 3120	1	4.16	13	54.16	12	50.00	12	50.00	3,115	51,491	76.42	125	85,941	127.55
3141- 3150	1	4.16	14	58.33	11	45.83	13	54.16	3,142	57,773	85.74	112	89,413	132.70
3191- 3200	1	4.16	15	62.50	10	41.66	14	58.33	3,198	60,971	90.49	108	89,921	133.46
3231- 3240	1	4.16	16	66.66	9	37.50	15	62.50	3,235	64,206	95.29	95	90,286	134.00
3361- 3370	1	4.16	17	70.83	8	33.33	16	66.66	3,363	70,925	105.26	83	94,685	140.53
3371- 3380	1	4.16	18	75.00	7	29.16	17	70.83	6,749	77,674	115.28	3,449	98,134	145.65
3431- 3440	2	8.33	20	83.33	6	25.00	18	75.00	6,867	87,961	130.55	67	101,921	151.27
3451- 3460	1	4.16	21	87.50	4	16.66	20	83.33	3,460	91,421	135.68	50	102,011	151.40
3461- 3470	3	12.50	24	100.00	3	12.50	21	87.50	10,400	101,821	151.12	50	102,061	151.47

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 67,376

PEAK MWH OF 3467 OCCURRED ON 06-28-82 AT 1 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-19-82 TO 07-19-82

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2071- 2080	1	4.16	1	4.16	24	100.00	0	0.00	2,078	2,078	2.74	248	49,928	65.86
2081- 2090	1	4.16	2	8.33	23	95.83	1	4.16	2,082	4,160	5.48	232	50,160	66.16
2111- 2120	1	4.16	3	12.50	22	91.66	2	8.33	2,117	6,277	8.28	227	50,827	67.04
2181- 2190	1	4.16	4	16.66	21	87.50	3	12.50	2,185	8,462	11.16	215	52,302	68.99
2191- 2200	1	4.16	5	20.83	20	83.33	4	16.66	2,200	10,662	14.06	210	52,512	69.27
2311- 2320	1	4.16	6	25.00	19	79.16	5	20.83	2,316	12,978	17.12	196	54,798	72.28
2441- 2450	1	4.16	7	29.16	18	75.00	6	25.00	2,445	15,423	20.34	185	57,143	75.38
2761- 2770	1	4.16	8	33.33	17	70.83	7	29.16	2,770	18,193	23.99	180	62,593	82.57
2951- 2960	1	4.16	9	37.50	16	66.66	8	33.33	2,959	21,152	27.90	169	65,642	86.59
3131- 3140	1	4.16	10	41.66	15	62.50	9	37.50	3,140	24,292	32.04	160	68,352	90.16
3351- 3360	1	4.16	11	45.83	14	58.33	10	41.66	3,356	27,648	36.47	146	71,438	94.23
3371- 3380	1	4.16	12	50.00	13	54.16	11	45.83	3,377	31,025	40.92	137	71,705	94.59
3411- 3420	1	4.16	13	54.16	12	50.00	12	50.00	3,420	34,445	45.43	130	72,195	95.23
3551- 3560	1	4.16	14	58.33	11	45.83	13	54.16	3,553	37,998	50.12	113	73,738	97.27
3571- 3580	1	4.16	15	62.50	10	41.66	14	58.33	3,578	41,576	54.84	108	73,946	97.54
3611- 3620	1	4.16	16	66.66	9	37.50	15	62.50	3,611	45,187	59.60	91	74,307	98.02
3641- 3650	1	4.16	17	70.83	8	33.33	16	66.66	3,642	48,829	64.41	82	74,549	98.34
3791- 3800	2	8.33	19	79.16	7	29.16	17	70.83	7,595	56,424	74.43	85	75,614	99.74
3831- 3840	2	8.33	21	87.50	5	20.83	19	79.16	7,680	64,104	84.56	70	75,834	100.03
3861- 3870	1	4.16	22	91.66	3	12.50	21	87.50	3,870	67,974	89.66	40	75,934	100.17
3881- 3890	1	4.16	23	95.83	2	8.33	22	91.66	3,886	71,860	94.79	26	75,980	100.23
3941- 3950	1	4.16	24	100.00	1	4.16	23	95.83	3,945	75,805	100.00	15	76,045	100.31

TOTAL NUMBER OF HOURS IN STUDY IS 24

TOTAL MWH IN STUDY IS 75,805

PEAK MWH OF 3945 OCCURRED ON 07-19-82 AT 2 PM

PENNSYLVANIA POWER & LIGHT COMPANY

Load Occurrence Curves
Year Ended July 31, 1982

Part b. The loads of each month for the experienced test year.

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November	13-16
December	17-20
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PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 08-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1501- 1510	1	0.13	1	0.13	744	100.00	0	0.00	9,039	72,121	3.81	14,979	1,194,061	63.19
1511- 1520	1	0.13	2	0.26	743	99.86	1	0.13	9,090	81,211	4.29	15,010	1,209,071	63.99
1531- 1540	1	0.13	3	0.40	742	99.73	2	0.26	7,672	105,661	5.59	13,562	1,246,831	65.99
1541- 1550	2	0.26	5	0.67	741	99.59	3	0.40	7,731	113,392	6.00	12,061	1,258,892	66.63
1551- 1560	1	0.13	6	0.80	739	99.32	5	0.67	12,435	125,827	6.65	18,275	1,277,167	67.59
1561- 1570	2	0.26	8	1.07	738	99.19	6	0.80	17,223	143,050	7.57	21,483	1,298,650	68.73
1571- 1580	1	0.13	9	1.20	736	98.92	8	1.07	9,454	152,504	8.07	15,244	1,313,894	69.54
1581- 1590	2	0.26	11	1.47	735	98.79	9	1.20	23,797	176,301	9.33	27,987	1,341,881	71.02
1601- 1610	1	0.13	12	1.61	733	98.52	11	1.47	19,255	201,939	10.68	24,985	1,380,579	73.07
1611- 1620	3	0.40	15	2.01	732	98.38	12	1.61	12,931	214,870	11.37	15,421	1,396,000	73.88
1631- 1640	3	0.40	18	2.41	729	97.98	15	2.01	19,627	250,744	13.27	22,027	1,441,564	76.29
1651- 1660	1	0.13	19	2.55	726	97.58	18	2.41	24,834	293,685	15.54	30,444	1,497,375	79.25
1661- 1670	3	0.40	22	2.95	725	97.44	19	2.55	16,653	310,338	16.42	18,923	1,516,298	80.25
1671- 1680	2	0.26	24	3.22	722	97.04	22	2.95	23,455	333,793	17.66	27,335	1,543,633	81.70
1681- 1690	6	0.80	30	4.03	720	96.77	24	3.22	23,590	357,383	18.91	20,710	1,564,343	82.79
1691- 1700	2	0.26	32	4.30	714	95.96	30	4.03	37,282	394,665	20.88	41,042	1,605,385	84.97
1701- 1710	3	0.40	35	4.70	712	95.69	32	4.30	27,306	421,971	22.33	29,326	1,634,711	86.52
1711- 1720	3	0.40	38	5.10	709	95.29	35	4.70	34,308	456,279	24.15	36,268	1,670,979	88.44
1721- 1730	2	0.26	40	5.37	706	94.89	38	5.10	27,593	483,872	25.61	31,213	1,702,192	90.09
1731- 1740	1	0.13	41	5.51	704	94.62	40	5.37	36,442	520,314	27.53	41,752	1,743,944	92.30
1741- 1750	4	0.53	45	6.04	703	94.48	41	5.51	31,409	551,723	29.20	31,479	1,775,423	93.97
1751- 1760	3	0.40	48	6.45	699	93.95	45	6.04	38,608	590,331	31.24	40,348	1,815,771	96.10
1761- 1770	3	0.40	51	6.85	696	93.54	48	6.45	37,106	627,437	33.20	38,786	1,854,557	98.15
1771- 1780	3	0.40	54	7.25	693	93.14	51	6.85	23,095	650,532	34.43	24,715	1,879,272	99.46
1781- 1790	3	0.40	57	7.66	690	92.74	54	7.25	44,636	695,168	36.79	46,196	1,925,468	101.91
1791- 1800	1	0.13	58	7.79	687	92.33	57	7.66	43,093	738,261	39.07	48,173	1,973,641	104.46
1801- 1810	4	0.53	62	8.33	686	92.20	58	7.79	46,952	785,213	41.56	46,612	2,020,253	106.92
1811- 1820	8	1.07	70	9.40	682	91.66	62	8.33	50,822	836,035	44.25	43,162	2,063,415	109.21
1821- 1830	5	0.67	75	10.08	674	90.59	70	9.40	65,720	901,755	47.72	63,360	2,126,775	112.56
1831- 1840	4	0.53	79	10.61	669	89.91	75	10.08	40,405	942,160	49.86	39,775	2,166,550	114.67
1841- 1850	5	0.67	84	11.29	665	89.38	79	10.61	53,540	995,700	52.70	50,990	2,217,540	117.37
1851- 1860	8	1.07	92	12.36	660	88.70	84	11.29	57,543	1,053,243	55.74	49,343	2,266,883	119.98
1861- 1870	7	0.94	99	13.30	652	87.63	92	12.36	78,361	1,131,604	59.89	71,861	2,338,744	123.78
1871- 1880	8	1.07	107	14.38	645	86.69	99	13.30	61,892	1,193,496	63.16	53,382	2,392,126	126.61
1881- 1890	3	0.40	110	14.78	637	85.61	107	14.38	67,900	1,261,396	66.76	68,630	2,460,756	130.24
1891- 1900	6	0.80	116	15.59	634	85.21	110	14.78	54,953	1,316,349	69.67	49,953	2,510,709	132.88
1901- 1910	12	1.61	128	17.20	628	84.40	116	15.59	81,959	1,398,308	74.01	65,439	2,576,148	136.35
1911- 1920	5	0.67	133	17.87	616	82.79	128	17.20	76,648	1,474,956	78.06	73,258	2,649,406	140.22
1921- 1930	3	0.40	136	18.27	611	82.12	133	17.87	65,474	1,540,430	81.53	65,824	2,715,230	143.71
1931- 1940	3	0.40	139	18.68	608	81.72	136	18.27	59,983	1,600,413	84.70	60,273	2,775,503	146.90
1941- 1950	8	1.07	147	19.75	605	81.31	139	18.68	77,824	1,678,237	88.82	68,354	2,843,857	150.52
1951- 1960	6	0.80	153	20.56	597	80.24	147	19.75	86,038	1,764,275	93.38	80,308	2,924,165	154.77
1961- 1970	5	0.67	158	21.23	591	79.43	153	20.56	66,807	1,831,082	96.91	62,917	2,987,082	158.10
1971- 1980	6	0.80	164	22.04	586	78.76	158	21.23	61,238	1,892,320	100.15	55,278	3,042,360	161.02
1981- 1990	6	0.80	170	22.84	580	77.95	164	22.04	99,252	1,991,572	105.41	93,172	3,135,532	165.95
1991- 2000	3	0.40	173	23.25	574	77.15	170	22.84	83,828	2,075,400	109.84	83,598	3,219,130	170.38
2001- 2010	8	1.07	181	24.32	571	76.74	173	23.25	72,199	2,147,599	113.66	61,909	3,281,039	173.66
2011- 2020	1	0.13	182	24.46	563	75.67	181	24.32	76,544	2,224,143	117.72	80,164	3,361,203	177.90
2021- 2030	3	0.40	185	24.86	562	75.53	182	24.46	87,088	2,311,231	122.32	86,648	3,447,851	182.48
2031- 2040	2	0.26	187	25.13	559	75.13	185	24.86	65,120	2,376,351	125.77	66,650	3,514,501	186.01
2041- 2050	5	0.67	192	25.80	557	74.86	187	25.13	71,615	2,447,966	129.56	66,985	3,581,486	189.56
2051- 2060	5	0.67	197	26.47	552	74.19	192	25.80	67,867	2,515,833	133.15	63,137	3,644,623	192.90
2061- 2070	4	0.53	201	27.01	547	73.52	197	26.47	74,373	2,590,206	137.09	71,603	3,716,226	196.69
2071- 2080	3	0.40	204	27.41	543	72.98	201	27.01	51,889	2,642,095	139.84	51,109	3,767,335	199.39

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 08-31-81

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2081- 2090	4	0.53	208	27.95	540	72.58	204	27.41	83,436	2,725,531	144.25	80,516	3,847,851	203.66
2091- 2100	6	0.80	214	28.76	536	72.04	208	27.95	85,900	2,811,431	148.80	78,720	3,926,571	207.82
2101- 2110	5	0.67	219	29.43	530	71.23	214	28.76	111,574	2,923,005	154.71	106,374	4,032,945	213.45
2111- 2120	2	0.26	221	29.70	525	70.56	219	29.43	69,809	2,992,814	158.40	70,839	4,103,784	217.20
2121- 2130	8	1.07	229	30.77	523	70.29	221	29.70	78,646	3,071,460	162.56	66,916	4,170,700	220.74
2131- 2140	3	0.40	232	31.18	515	69.22	229	30.77	70,465	3,141,925	166.29	69,225	4,239,925	224.41
2141- 2150	3	0.40	235	31.58	512	68.81	232	31.18	72,946	3,214,871	170.15	71,646	4,311,571	228.20
2151- 2160	1	0.13	236	31.72	509	68.41	235	31.58	77,618	3,292,489	174.26	80,558	4,392,129	232.46
2161- 2170	3	0.40	239	32.12	508	68.27	236	31.72	77,967	3,370,456	178.39	76,567	4,468,696	236.52
2171- 2180	3	0.40	242	32.52	505	67.87	239	32.12	63,102	3,433,558	181.73	61,642	4,530,338	239.78
2181- 2190	3	0.40	245	32.93	502	67.47	242	32.52	89,607	3,523,165	186.47	88,087	4,618,425	244.44
2191- 2200	5	0.67	250	33.60	499	67.06	245	32.93	103,150	3,626,315	191.93	97,190	4,715,615	249.59
2201- 2210	4	0.53	254	34.13	494	66.39	250	33.60	77,166	3,703,481	196.01	73,306	4,788,921	253.47
2211- 2220	4	0.53	258	34.67	490	65.86	254	34.13	101,941	3,805,422	201.41	98,001	4,886,922	258.65
2221- 2230	5	0.67	263	35.34	486	65.32	258	34.67	80,122	3,885,544	205.65	73,882	4,960,804	262.56
2231- 2240	7	0.94	270	36.29	481	64.65	263	35.34	107,303	3,992,847	211.33	96,503	5,057,307	267.67
2241- 2250	8	1.07	278	37.36	474	63.70	270	36.29	98,819	4,091,666	216.56	85,639	5,142,946	272.20
2251- 2260	6	0.80	284	38.17	466	62.63	278	37.36	90,230	4,181,896	221.34	81,390	5,224,336	276.51
2261- 2270	3	0.40	287	38.57	460	61.82	284	38.17	92,874	4,274,770	226.25	90,694	5,315,030	281.31
2271- 2280	7	0.94	294	39.51	457	61.42	287	38.57	109,230	4,384,000	232.03	97,910	5,412,940	286.49
2281- 2290	3	0.40	297	39.91	450	60.48	294	39.51	64,015	4,448,015	235.42	61,675	5,474,615	289.76
2291- 2300	6	0.80	303	40.72	447	60.08	297	39.91	100,982	4,548,997	240.77	91,712	5,566,327	294.61
2301- 2310	7	0.94	310	41.66	441	59.27	303	40.72	129,123	4,678,120	247.60	117,433	5,683,760	300.83
2311- 2320	4	0.53	314	42.20	434	58.33	310	41.66	120,412	4,798,532	253.97	115,512	5,799,272	306.94
2321- 2330	5	0.67	319	42.87	430	57.79	314	42.20	97,690	4,896,222	259.14	90,390	5,889,662	311.73
2331- 2340	6	0.80	325	43.68	425	57.12	319	42.87	84,087	4,980,309	263.60	74,357	5,964,019	315.66
2341- 2350	6	0.80	331	44.48	419	56.31	325	43.68	105,551	5,085,860	269.18	95,701	6,059,720	320.73
2351- 2360	5	0.67	336	45.16	413	55.51	331	44.48	98,934	5,184,794	274.42	91,314	6,151,034	325.56
2361- 2370	4	0.53	340	45.69	408	54.83	336	45.16	94,638	5,279,432	279.43	89,278	6,240,312	330.29
2371- 2380	6	0.80	346	46.50	404	54.30	340	45.69	92,635	5,372,067	284.33	82,455	6,322,767	334.65
2381- 2390	1	0.13	347	46.63	398	53.49	346	46.50	102,555	5,474,622	289.76	104,155	6,426,922	340.16
2391- 2400	2	0.26	349	46.90	397	53.36	347	46.63	81,457	5,556,079	294.07	80,647	6,507,569	344.43
2401- 2410	4	0.53	353	47.44	395	53.09	349	46.90	79,375	5,635,454	298.27	73,725	6,581,294	348.33
2411- 2420	3	0.40	356	47.84	391	52.55	353	47.44	74,898	5,710,352	302.24	71,578	6,652,872	352.12
2421- 2430	3	0.40	359	48.25	388	52.15	356	47.84	87,338	5,797,690	306.86	83,958	6,736,830	356.57
2431- 2440	4	0.53	363	48.79	385	51.74	359	48.25	94,983	5,892,673	311.89	89,113	6,825,943	361.28
2441- 2450	1	0.13	364	48.92	381	51.20	363	48.79	78,238	5,970,911	316.03	79,608	6,905,551	365.50
2451- 2460	1	0.13	365	49.05	380	51.07	364	48.92	80,993	6,051,904	320.31	82,343	6,987,894	369.85
2461- 2470	5	0.67	370	49.73	379	50.94	365	49.05	73,961	6,125,865	324.23	65,451	7,053,345	373.32
2471- 2480	3	0.40	373	50.13	374	50.26	370	49.73	81,716	6,207,581	328.55	78,046	7,131,391	377.45
2481- 2490	1	0.13	374	50.26	371	49.86	373	50.13	91,958	6,299,539	333.42	93,188	7,224,579	382.38
2491- 2500	4	0.53	378	50.80	370	49.73	374	50.26	114,795	6,414,334	339.50	108,535	7,333,114	388.13
2501- 2510	4	0.53	382	51.34	366	49.19	378	50.80	102,744	6,517,078	344.93	96,404	7,429,518	393.23
2511- 2520	4	0.53	386	51.88	362	48.65	382	51.34	88,030	6,605,108	349.59	81,610	7,511,128	397.55
2521- 2530	3	0.40	389	52.28	358	48.11	386	51.88	90,915	6,696,023	354.41	86,935	7,598,063	402.15
2531- 2540	4	0.53	393	52.82	355	47.71	389	52.28	93,832	6,789,855	359.37	87,262	7,685,325	406.77
2541- 2550	1	0.13	394	52.95	351	47.17	393	52.82	63,621	6,853,476	362.74	64,591	7,749,916	410.19
2551- 2560	2	0.26	396	53.22	350	47.04	394	52.95	79,217	6,932,693	366.93	77,617	7,827,533	414.29
2561- 2570	5	0.67	401	53.89	348	46.77	396	53.22	105,179	7,037,872	372.50	95,859	7,923,392	419.37
2571- 2580	5	0.67	406	54.56	343	46.10	401	53.89	103,009	7,140,881	377.95	93,589	8,016,981	424.32
2581- 2590	3	0.40	409	54.97	338	45.43	406	54.56	87,885	7,228,766	382.60	83,525	8,100,506	428.74
2591- 2600	3	0.40	412	55.37	335	45.02	409	54.97	103,857	7,332,623	388.10	99,437	8,199,943	434.01
2601- 2610	3	0.40	415	55.77	332	44.62	412	55.37	106,845	7,439,468	393.75	102,365	8,302,308	439.42
2611- 2620	3	0.40	418	56.18	329	44.22	415	55.77	96,792	7,536,260	398.88	92,252	8,394,560	444.31
2621- 2630	3	0.40	421	56.58	326	43.81	418	56.18	73,524	7,609,784	402.77	68,924	8,463,484	447.95

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 08-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2631- 2640	2	0.26	423	56.85	323	43.41	421	56.58	81,687	7,691,471	407.09	79,657	8,543,141	452.17
2641- 2650	3	0.40	426	57.25	321	43.14	423	56.85	82,032	7,773,503	411.43	77,322	8,620,463	456.26
2651- 2660	6	0.80	432	58.06	318	42.74	426	57.25	103,586	7,877,089	416.92	90,866	8,711,329	461.07
2661- 2670	2	0.26	434	58.33	312	41.93	432	58.06	77,289	7,954,378	421.01	75,089	8,786,418	465.05
2671- 2680	2	0.26	436	58.60	310	41.66	434	58.33	115,079	8,069,457	427.10	112,839	8,899,257	471.02
2691- 2700	2	0.26	438	58.87	308	41.39	436	58.60	83,567	8,247,026	436.50	81,267	9,077,606	480.46
2701- 2710	1	0.13	439	59.00	306	41.12	438	58.87	89,274	8,336,300	441.22	89,634	9,167,240	485.20
2711- 2720	3	0.40	442	59.40	305	40.99	439	59.00	73,324	8,409,624	445.10	68,244	9,235,484	488.82
2721- 2730	1	0.13	443	59.54	302	40.59	442	59.40	76,297	8,485,921	449.14	76,597	9,312,081	492.87
2741- 2750	1	0.13	444	59.67	301	40.45	443	59.54	87,844	8,644,882	457.56	88,114	9,474,322	501.46
2751- 2760	4	0.53	448	60.21	300	40.32	444	59.67	104,742	8,749,624	463.10	96,742	9,571,064	506.58
2771- 2780	3	0.40	451	60.61	296	39.78	448	60.21	94,361	8,951,810	473.80	89,011	9,770,860	517.15
2781- 2790	2	0.26	453	60.88	293	39.38	451	60.61	144,888	9,096,698	481.47	142,258	9,913,118	524.68
2791- 2800	2	0.26	455	61.15	291	39.11	453	60.88	125,797	9,222,495	488.13	123,127	10,036,245	531.20
2801- 2810	1	0.13	456	61.29	289	38.84	455	61.15	112,243	9,334,738	494.07	112,333	10,148,578	537.14
2821- 2830	2	0.26	458	61.55	288	38.70	456	61.29	118,665	9,591,348	507.65	115,905	10,405,308	550.73
2831- 2840	2	0.26	460	61.82	286	38.44	458	61.55	127,620	9,718,968	514.41	124,820	10,530,128	557.34
2841- 2850	4	0.53	464	62.36	284	38.17	460	61.82	116,709	9,835,677	520.58	108,189	10,638,317	563.06
2851- 2860	2	0.26	466	62.63	280	37.63	464	62.36	134,253	9,969,930	527.69	131,353	10,769,670	570.02
2861- 2870	6	0.80	472	63.44	278	37.36	466	62.63	149,006	10,118,936	535.57	134,626	10,904,296	577.14
2871- 2880	4	0.53	476	63.97	272	36.55	472	63.44	129,411	10,248,347	542.42	120,651	11,024,947	583.53
2881- 2890	2	0.26	478	64.24	268	36.02	476	63.97	121,159	10,369,506	548.84	118,079	11,143,026	589.78
2891- 2900	6	0.80	484	65.05	266	35.75	478	64.24	150,575	10,520,081	556.81	135,895	11,278,921	596.97
2901- 2910	9	1.20	493	66.26	260	34.94	484	65.05	151,099	10,671,180	564.80	127,599	11,406,520	603.72
2911- 2920	3	0.40	496	66.66	251	33.73	493	66.26	157,413	10,828,593	573.14	151,193	11,557,713	611.73
2921- 2930	4	0.53	500	67.20	248	33.33	496	66.66	152,109	10,980,702	581.19	142,909	11,700,622	619.29
2931- 2940	1	0.13	501	67.33	244	32.79	500	67.20	129,182	11,109,884	588.02	128,692	11,829,314	626.10
2941- 2950	1	0.13	502	67.47	243	32.66	501	67.33	117,814	11,227,698	594.26	117,304	11,946,618	632.31
2951- 2960	3	0.40	505	67.87	242	32.52	502	67.47	180,291	11,407,989	603.80	173,861	12,120,479	641.51
2961- 2970	7	0.94	512	68.81	239	32.12	505	67.87	142,353	11,550,342	611.34	124,023	12,244,502	648.08
2971- 2980	1	0.13	513	68.95	232	31.18	512	68.81	151,766	11,702,108	619.37	151,116	12,395,618	656.08
2981- 2990	5	0.67	518	69.62	231	31.04	513	68.95	137,338	11,839,446	626.64	124,748	12,520,366	662.68
2991- 3000	6	0.80	524	70.43	226	30.37	518	69.62	182,722	12,022,168	636.31	167,042	12,687,408	671.52
3001- 3010	7	0.94	531	71.37	220	29.56	524	70.43	183,351	12,205,519	646.01	164,551	12,851,959	680.23
3011- 3020	4	0.53	535	71.90	213	28.62	531	71.37	174,884	12,380,403	655.27	164,974	13,016,933	688.96
3021- 3030	3	0.40	538	72.31	209	28.09	535	71.90	217,800	12,598,203	666.80	210,830	13,227,763	700.12
3041- 3050	6	0.80	544	73.11	206	27.68	538	72.31	194,899	13,005,622	688.36	178,719	13,621,062	720.94
3051- 3060	7	0.94	551	74.05	200	26.88	544	73.11	180,288	13,185,910	697.91	160,938	13,782,000	729.46
3061- 3070	4	0.53	555	74.59	193	25.94	551	74.05	180,863	13,366,773	707.48	170,553	13,952,553	738.48
3071- 3080	7	0.94	562	75.53	189	25.40	555	74.59	206,010	13,572,783	718.38	186,410	14,138,963	748.35
3081- 3090	5	0.67	567	76.20	182	24.46	562	75.53	249,950	13,822,733	731.61	236,370	14,375,333	760.86
3091- 3100	5	0.67	572	76.88	177	23.79	567	76.20	204,256	14,026,989	742.42	190,576	14,565,909	770.95
3101- 3110	8	1.07	580	77.95	172	23.11	572	76.88	220,482	14,247,471	754.09	197,402	14,763,311	781.39
3111- 3120	1	0.13	581	78.09	164	22.04	580	77.95	162,010	14,409,481	762.67	160,540	14,923,851	789.89
3121- 3130	5	0.67	586	78.76	163	21.90	581	78.09	184,389	14,593,870	772.43	170,419	15,094,270	798.91
3131- 3140	6	0.80	592	79.56	158	21.23	586	78.76	156,762	14,750,632	780.72	139,562	15,233,832	806.30
3141- 3150	7	0.94	599	80.51	152	20.43	592	79.56	226,470	14,977,102	792.71	206,010	15,439,842	817.20
3151- 3160	4	0.53	603	81.04	145	19.48	599	80.51	192,447	15,169,549	802.90	181,297	15,621,139	826.80
3161- 3170	4	0.53	607	81.58	141	18.95	603	81.04	212,080	15,381,629	814.12	200,850	15,821,989	837.43
3171- 3180	8	1.07	615	82.66	137	18.41	607	81.58	187,372	15,569,001	824.04	163,382	15,985,371	846.08
3181- 3190	6	0.80	621	83.46	129	17.33	615	82.66	178,387	15,747,388	833.48	160,597	16,145,968	854.58
3191- 3200	4	0.53	625	84.00	123	16.53	621	83.46	198,129	15,945,517	843.97	186,599	16,332,567	864.45
3201- 3210	10	1.34	635	85.34	119	15.99	625	84.00	160,291	16,105,808	852.45	129,481	16,462,048	871.31
3211- 3220	4	0.53	639	85.88	109	14.65	635	85.34	196,126	16,301,934	862.83	184,376	16,646,424	881.06
3221- 3230	8	1.07	647	86.96	105	14.11	639	85.88	190,312	16,492,246	872.90	165,602	16,812,026	889.83

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 08-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3231- 3240	6	0.80	653	87.76	97	13.03	647	86.96	142,323	16,634,569	880.44	123,913	16,935,939	896.39
3241- 3250	1	0.13	654	87.90	91	12.23	653	87.76	139,550	16,774,119	887.82	137,220	17,073,159	903.65
3251- 3260	7	0.94	661	88.84	90	12.09	654	87.90	169,297	16,943,416	896.78	147,447	17,220,606	911.46
3261- 3270	4	0.53	665	89.38	83	11.15	661	88.84	160,007	17,103,423	905.25	147,797	17,368,403	919.28
3271- 3280	4	0.53	669	89.91	79	10.61	665	89.38	144,134	17,247,557	912.88	131,844	17,500,247	926.26
3281- 3290	9	1.20	678	91.12	75	10.08	669	89.91	180,725	17,428,282	922.45	151,955	17,652,202	934.30
3291- 3300	4	0.53	682	91.66	66	8.87	678	91.12	125,244	17,553,526	929.08	112,744	17,764,946	940.27
3301- 3310	4	0.53	686	92.20	62	8.33	682	91.66	109,093	17,662,619	934.85	96,513	17,861,459	945.37
3311- 3320	5	0.67	691	92.87	58	7.79	686	92.20	106,117	17,768,736	940.47	90,147	17,951,606	950.15
3331- 3340	4	0.53	695	93.41	53	7.12	691	92.87	130,083	17,975,298	951.40	117,293	18,145,908	960.43
3341- 3350	2	0.26	697	93.68	49	6.58	695	93.41	140,505	18,115,803	958.84	134,315	18,200,223	967.54
3351- 3360	3	0.40	700	94.08	47	6.31	697	93.68	73,834	18,189,637	962.74	64,254	18,344,477	970.94
3361- 3370	4	0.53	704	94.62	44	5.91	700	94.08	138,009	18,327,646	970.05	125,009	18,469,486	977.56
3371- 3380	2	0.26	706	94.89	40	5.37	704	94.62	124,899	18,452,545	976.66	118,559	18,588,045	983.83
3381- 3390	2	0.26	708	95.16	38	5.10	706	94.89	91,415	18,543,960	981.50	85,035	18,673,080	988.33
3391- 3400	1	0.13	709	95.29	36	4.83	708	95.16	88,303	18,632,263	986.17	65,273	18,758,353	992.85
3401- 3410	5	0.67	714	95.96	35	4.70	709	95.29	88,534	18,720,797	990.86	71,884	18,830,237	996.65
3411- 3420	1	0.13	715	96.10	30	4.03	714	95.96	88,809	18,809,606	995.56	85,699	18,915,9361001.19	
3421- 3430	4	0.53	719	96.63	29	3.89	715	96.10	113,066	18,922,6721001.54		99,676	19,015,6121006.46	
3431- 3440	1	0.13	720	96.77	25	3.36	719	96.63	89,310	19,011,9821006.27		86,130	19,101,7421011.02	
3441- 3450	4	0.53	724	97.31	24	3.22	720	96.77	96,474	19,108,4561011.38		82,954	19,184,6961015.41	
3451- 3460	2	0.26	726	97.58	20	2.68	724	97.31	107,122	19,215,5781017.05		100,422	19,285,1181020.73	
3461- 3470	2	0.26	728	97.84	18	2.41	726	97.58	103,943	19,319,5211022.55		97,203	19,382,3211025.87	
3471- 3480	2	0.26	730	98.11	16	2.15	728	97.84	107,766	19,427,2871028.25		100,986	19,483,3071031.22	
3481- 3490	1	0.13	731	98.25	14	1.88	730	98.11	97,602	19,524,8891033.42		94,262	19,577,5691036.21	
3491- 3500	1	0.13	732	98.38	13	1.74	731	98.25	101,365	19,626,2541038.78		98,005	19,675,5741041.39	
3501- 3510	2	0.26	734	98.65	12	1.61	732	98.38	80,609	19,706,8631043.05		73,729	19,749,3031045.30	
3511- 3520	2	0.26	736	98.92	10	1.34	734	98.65	94,915	19,801,7781048.07		87,995	19,837,2981049.95	
3521- 3530	2	0.26	738	99.19	8	1.07	736	98.92	74,067	19,875,8451051.99		67,107	19,904,4051053.50	
3551- 3560	1	0.13	739	99.32	6	0.80	738	99.19	81,778	20,106,3641064.19		78,288	20,131,5541065.53	
3581- 3590	1	0.13	740	99.46	5	0.67	739	99.32	60,960	20,331,5481076.11		57,430	20,353,3091077.26	
3591- 3600	1	0.13	741	99.59	4	0.53	740	99.46	93,500	20,425,0481081.06		89,950	20,443,2581082.03	
3601- 3610	1	0.13	742	99.73	3	0.40	741	99.59	82,927	20,507,9751085.45		79,357	20,522,6151086.23	
3631- 3640	1	0.13	743	99.86	2	0.26	742	99.73	76,369	20,754,4811098.50		72,759	20,765,5511099.08	
3651- 3660	1	0.13	744	100.00	1	0.13	743	99.86	62,125	20,904,0851106.42		58,485	20,911,5251106.81	

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 1,889,342

PEAK MWH OF 3660 OCCURRED ON 08-11-81 AT 2 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
09-01-81 TO 09-30-81

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1421- 1430	1	0.13	1	0.13	720	100.00	0	0.00	2,856	19,008	1.04	8,636	1,047,188	57.81
1431- 1440	1	0.13	2	0.27	719	99.86	1	0.13	4,317	23,325	1.28	10,077	1,057,265	58.37
1451- 1460	3	0.41	5	0.69	718	99.72	2	0.27	8,736	37,842	2.08	11,566	1,081,792	59.72
1461- 1470	1	0.13	6	0.83	715	99.30	5	0.69	2,929	40,771	2.25	8,619	1,090,411	60.20
1471- 1480	1	0.13	7	0.97	714	99.16	6	0.83	7,394	48,165	2.65	13,064	1,103,475	60.92
1481- 1490	1	0.13	8	1.11	713	99.02	7	0.97	5,945	54,110	2.98	11,595	1,115,070	61.56
1491- 1500	2	0.27	10	1.38	712	98.88	8	1.11	8,972	63,082	3.48	13,112	1,128,182	62.28
1501- 1510	1	0.13	11	1.52	710	98.61	10	1.38	7,536	70,618	3.89	13,136	1,141,318	63.01
1511- 1520	4	0.55	15	2.08	709	98.47	11	1.52	7,570	78,188	4.31	8,620	1,149,938	63.48
1521- 1530	3	0.41	18	2.49	705	97.91	15	2.08	16,778	94,966	5.24	19,268	1,169,206	64.55
1531- 1540	2	0.27	20	2.77	702	97.49	18	2.49	6,136	101,102	5.58	10,096	1,179,302	65.10
1541- 1550	1	0.13	21	2.91	700	97.22	20	2.77	4,639	105,741	5.83	10,099	1,189,401	65.66
1571- 1580	2	0.27	23	3.19	699	97.08	21	2.91	7,875	138,588	7.65	11,725	1,240,078	68.46
1581- 1590	5	0.69	28	3.88	697	96.80	23	3.19	20,623	159,211	8.79	19,693	1,259,771	69.55
1591- 1600	2	0.27	30	4.16	692	96.11	28	3.88	6,383	165,594	9.14	10,123	1,269,894	70.11
1601- 1610	2	0.27	32	4.44	690	95.83	30	4.16	17,652	183,246	10.11	21,352	1,291,246	71.29
1621- 1630	1	0.13	33	4.58	688	95.55	32	4.44	16,247	207,575	11.46	21,507	1,327,715	73.30
1631- 1640	1	0.13	34	4.72	687	95.41	33	4.58	14,719	222,294	12.27	19,959	1,347,674	74.40
1651- 1660	3	0.41	37	5.13	686	95.27	34	4.72	23,178	263,579	14.55	25,088	1,397,729	77.16
1661- 1670	3	0.41	40	5.55	683	94.86	37	5.13	11,657	275,236	15.19	13,507	1,411,236	77.91
1671- 1680	3	0.41	43	5.97	680	94.44	40	5.55	20,105	295,341	16.30	21,895	1,433,131	79.12
1681- 1690	1	0.13	44	6.11	677	94.02	43	5.97	13,480	308,821	17.05	18,570	1,451,701	80.14
1691- 1700	5	0.69	49	6.80	676	93.88	44	6.11	33,889	342,710	18.92	32,199	1,483,900	81.92
1701- 1710	3	0.41	52	7.22	671	93.19	49	6.80	22,184	364,894	20.14	23,794	1,507,694	83.24
1711- 1720	2	0.27	54	7.49	668	92.77	52	7.22	29,164	394,058	21.75	32,424	1,540,118	85.03
1721- 1730	2	0.27	56	7.77	666	92.49	54	7.49	24,141	418,199	23.08	27,361	1,567,479	86.54
1731- 1740	2	0.27	58	8.05	664	92.22	56	7.77	34,702	452,901	25.00	37,882	1,605,361	88.63
1741- 1750	2	0.27	60	8.33	662	91.94	58	8.05	24,439	477,340	26.35	27,579	1,632,940	90.15
1751- 1760	4	0.55	64	8.88	660	91.66	60	8.33	33,347	510,687	28.19	32,947	1,665,887	91.97
1761- 1770	4	0.55	68	9.44	656	91.11	64	8.88	31,799	542,486	29.95	31,319	1,697,206	93.70
1771- 1780	2	0.27	70	9.72	652	90.55	68	9.44	17,761	560,247	30.93	20,741	1,717,947	94.84
1781- 1790	5	0.69	75	10.41	650	90.27	70	9.72	39,272	599,519	33.09	36,872	1,754,819	96.88
1791- 1800	2	0.27	77	10.69	645	89.58	75	10.41	41,300	640,819	35.37	44,170	1,798,989	99.32
1801- 1810	3	0.41	80	11.11	643	89.30	77	10.69	39,733	680,552	37.57	40,763	1,839,752	101.57
1811- 1820	2	0.27	82	11.38	640	88.88	80	11.11	36,301	716,853	39.57	39,081	1,878,833	103.73
1821- 1830	2	0.27	84	11.66	638	88.61	82	11.38	56,600	773,453	42.70	59,340	1,938,173	107.00
1841- 1850	3	0.41	87	12.08	636	88.33	84	11.66	44,311	850,819	46.97	45,151	2,022,739	111.67
1851- 1860	2	0.27	89	12.36	633	87.91	87	12.08	42,689	893,508	49.33	45,319	2,068,058	114.17
1861- 1870	6	0.83	95	13.19	631	87.63	89	12.36	65,300	958,808	52.93	60,450	2,128,508	117.51
1871- 1880	3	0.41	98	13.61	625	86.80	95	13.19	46,891	1,005,699	55.52	47,531	2,176,039	120.14
1881- 1890	10	1.38	108	14.99	622	86.38	98	13.61	62,249	1,067,948	58.96	49,669	2,225,708	122.88
1891- 1900	5	0.69	113	15.69	612	84.99	108	14.99	43,577	1,111,525	61.36	40,247	2,265,955	125.10
1901- 1910	7	0.97	120	16.66	607	84.30	113	15.69	59,075	1,170,600	64.62	51,845	2,317,800	127.96
1911- 1920	6	0.83	126	17.49	600	83.33	120	16.66	67,071	1,237,671	68.33	61,611	2,379,411	131.36
1921- 1930	6	0.83	132	18.33	594	82.49	126	17.49	59,702	1,297,373	71.62	54,122	2,433,533	134.35
1931- 1940	7	0.97	139	19.30	588	81.66	132	18.33	54,186	1,351,559	74.62	46,556	2,480,089	136.92
1941- 1950	5	0.69	144	19.99	581	80.69	139	19.30	62,255	1,413,814	78.05	58,365	2,538,454	140.14
1951- 1960	7	0.97	151	20.97	576	79.99	144	19.99	74,306	1,488,120	82.15	66,416	2,604,870	143.81
1961- 1970	4	0.55	155	21.52	569	79.02	151	20.97	56,982	1,545,102	85.30	54,832	2,659,702	146.84
1971- 1980	2	0.27	157	21.80	565	78.47	155	21.52	49,381	1,594,483	88.03	51,091	2,710,793	149.66
1981- 1990	7	0.97	164	22.77	563	78.19	157	21.80	87,337	1,681,820	92.85	79,107	2,789,900	154.03
1991- 2000	8	1.11	172	23.88	556	77.22	164	22.77	77,835	1,759,655	97.15	67,475	2,857,375	157.75
2001- 2010	4	0.55	176	24.44	548	76.11	172	23.88	56,164	1,815,819	100.25	53,644	2,911,019	160.71
2011- 2020	9	1.24	185	25.69	544	75.55	176	24.44	74,526	1,890,345	104.36	61,876	2,972,895	164.13

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
09-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2021- 2030	8	1.11	193	26.80	535	74.30	185	25.69	81,005	1,971,350	108.83	70,195	3,043,090	168.01
2031- 2040	3	0.41	196	27.22	527	73.19	193	26.80	61,054	2,032,404	112.21	60,234	3,103,324	171.33
2041- 2050	8	1.11	204	28.33	524	72.77	196	27.22	61,378	2,093,782	115.59	50,298	3,153,622	174.11
2051- 2060	8	1.11	212	29.44	516	71.66	204	28.33	57,600	2,151,382	118.77	46,360	3,199,982	176.67
2061- 2070	2	0.27	214	29.72	508	70.55	212	29.44	66,104	2,217,486	122.42	67,064	3,267,046	180.37
2071- 2080	6	0.83	220	30.55	506	70.27	214	29.72	45,673	2,263,159	124.95	38,313	3,305,359	182.49
2081- 2090	6	0.83	226	31.38	500	69.44	220	30.55	75,090	2,338,249	129.09	67,610	3,372,969	186.22
2091- 2100	4	0.55	230	31.94	494	68.61	226	31.38	73,336	2,411,585	133.14	69,916	3,442,885	190.08
2101- 2110	4	0.55	234	32.49	490	68.05	230	31.94	101,049	2,512,634	138.72	97,549	3,540,434	195.46
2111- 2120	6	0.83	240	33.33	486	67.49	234	32.49	65,581	2,578,215	142.34	57,781	3,598,215	198.65
2121- 2130	3	0.41	243	33.74	480	66.66	240	33.33	61,642	2,639,857	145.74	60,082	3,658,297	201.97
2131- 2140	7	0.97	250	34.72	477	66.24	243	33.74	64,062	2,703,919	149.28	53,922	3,712,219	204.95
2141- 2150	4	0.55	254	35.27	470	65.27	250	34.72	66,501	2,770,420	152.95	62,641	3,774,860	208.41
2151- 2160	4	0.55	258	35.83	466	64.72	254	35.27	75,463	2,845,883	157.12	71,523	3,846,383	212.36
2161- 2170	4	0.55	262	36.38	462	64.16	258	35.83	71,480	2,917,363	161.06	67,460	3,913,843	216.08
2171- 2180	8	1.11	270	37.50	458	63.61	262	36.38	56,575	2,973,938	164.19	43,795	3,957,638	218.50
2181- 2190	3	0.41	273	37.91	450	62.50	270	37.50	83,055	3,056,993	168.77	81,015	4,038,653	222.97
2191- 2200	3	0.41	276	38.33	447	62.08	273	37.91	92,173	3,149,166	173.86	90,073	4,128,726	227.94
2201- 2210	3	0.41	279	38.74	444	61.66	276	38.33	68,351	3,217,517	177.64	66,191	4,194,917	231.60
2211- 2220	4	0.55	283	39.30	441	61.24	279	38.74	93,082	3,310,599	182.77	88,652	4,283,569	236.49
2221- 2230	3	0.41	286	39.72	437	60.69	283	39.30	68,991	3,379,590	186.58	66,701	4,350,270	240.18
2231- 2240	2	0.27	288	39.99	434	60.27	286	39.72	91,658	3,471,248	191.64	91,538	4,441,808	245.23
2241- 2250	3	0.41	291	40.41	432	59.99	288	39.99	80,856	3,552,104	196.11	78,456	4,520,264	249.56
2251- 2260	4	0.55	295	40.97	429	59.58	291	40.41	76,699	3,628,803	200.34	71,989	4,592,253	253.54
2261- 2270	1	0.13	296	41.11	425	59.02	295	40.97	86,071	3,714,874	205.10	88,061	4,680,314	258.40
2271- 2280	2	0.27	298	41.38	424	58.88	296	41.11	93,302	3,808,176	210.25	93,002	4,773,316	263.53
2281- 2290	4	0.55	302	41.94	422	58.61	298	41.38	57,153	3,865,329	213.40	52,253	4,825,569	266.42
2291- 2300	7	0.97	309	42.91	418	58.05	302	41.94	87,219	3,952,548	218.22	75,369	4,900,938	270.58
2301- 2310	3	0.41	312	43.33	411	57.08	309	42.91	112,978	4,065,526	224.45	110,188	5,011,126	276.66
2311- 2320	10	1.38	322	44.72	408	56.66	312	43.33	111,160	4,176,686	230.59	92,140	5,103,266	281.75
2321- 2330	5	0.69	327	45.41	398	55.27	322	44.72	86,056	4,262,742	235.34	78,436	5,181,702	286.08
2331- 2340	3	0.41	330	45.83	393	54.58	327	45.41	70,076	4,332,818	239.21	67,016	5,248,718	289.78
2341- 2350	4	0.55	334	46.38	390	54.16	330	45.83	91,484	4,424,302	244.26	86,024	5,334,742	294.53
2351- 2360	5	0.69	339	47.08	386	53.61	334	46.38	87,169	4,511,471	249.08	79,279	5,414,021	298.91
2361- 2370	2	0.27	341	47.36	381	52.91	339	47.08	85,176	4,596,647	253.78	84,266	5,498,287	303.56
2371- 2380	2	0.27	343	47.63	379	52.63	341	47.36	78,388	4,675,035	258.11	77,438	5,575,725	307.83
2381- 2390	4	0.55	347	48.19	377	52.36	343	47.63	100,172	4,775,207	263.64	94,422	5,670,147	313.05
2391- 2400	3	0.41	350	48.61	373	51.80	347	48.19	76,667	4,851,874	267.87	73,227	5,743,374	317.09
2401- 2410	1	0.13	351	48.74	370	51.38	350	48.61	69,754	4,921,628	271.72	71,054	5,814,428	321.01
2411- 2420	3	0.41	354	49.16	369	51.24	351	48.74	67,647	4,989,275	275.46	64,107	5,878,535	324.55
2421- 2430	3	0.41	357	49.58	366	50.83	354	49.16	80,057	5,069,332	279.88	76,457	5,954,992	328.77
2431- 2440	1	0.13	358	49.72	363	50.41	357	49.58	85,238	5,154,570	284.58	86,438	6,041,430	333.55
2441- 2450	1	0.13	359	49.86	362	50.27	358	49.72	75,795	5,230,365	288.77	76,975	6,118,405	337.80
2451- 2460	3	0.41	362	50.27	361	50.13	359	49.86	78,538	5,308,903	293.10	74,798	6,193,203	341.92
2471- 2480	3	0.41	365	50.69	358	49.72	362	50.27	74,286	5,444,812	300.61	70,456	6,328,862	349.41
2481- 2490	4	0.55	369	51.24	355	49.30	365	50.69	89,475	5,534,287	305.55	83,105	6,411,967	354.00
2491- 2500	3	0.41	372	51.66	351	48.74	369	51.24	104,811	5,639,098	311.33	100,851	6,512,818	359.57
2501- 2510	2	0.27	374	51.94	348	48.33	372	51.66	92,720	5,731,818	316.45	91,200	6,604,018	364.61
2511- 2520	2	0.27	376	52.22	346	48.05	374	51.94	77,966	5,809,784	320.76	76,406	6,680,424	368.82
2521- 2530	1	0.13	377	52.36	344	47.77	376	52.22	83,337	5,893,121	325.36	84,257	6,764,681	373.48
2531- 2540	2	0.27	379	52.63	343	47.63	377	52.36	83,686	5,976,807	329.98	82,056	6,846,737	378.01
2541- 2550	1	0.13	380	52.77	341	47.36	379	52.63	61,071	6,037,878	333.35	61,941	6,908,678	381.43
2551- 2560	3	0.41	383	53.19	340	47.22	380	52.77	74,107	6,111,985	337.44	69,857	6,978,535	385.28
2561- 2570	3	0.41	386	53.61	337	46.80	383	53.19	92,359	6,204,344	342.54	88,049	7,066,584	390.14
2581- 2590	2	0.27	388	53.88	334	46.38	386	53.61	80,127	6,374,601	351.94	78,307	7,238,361	399.63

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
09-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2591- 2600	4	0.55	392	54.44	332	46.11	388	53.88	96,075	6,470,676	357.24	89,035	7,327,396	404.54
2601- 2610	2	0.27	394	54.72	328	45.55	392	54.44	99,032	6,569,708	362.71	97,112	7,424,508	409.91
2611- 2620	2	0.27	396	54.99	326	45.27	394	54.72	88,940	6,658,648	367.62	86,980	7,511,488	414.71
2621- 2630	1	0.13	397	55.13	324	44.99	396	54.99	65,646	6,724,294	371.25	66,266	7,577,754	418.37
2631- 2640	2	0.27	399	55.41	323	44.86	397	55.13	76,417	6,800,711	375.47	74,387	7,652,141	422.47
2641- 2650	2	0.27	401	55.69	321	44.58	399	55.41	74,096	6,874,807	379.56	72,026	7,724,167	426.45
2651- 2660	2	0.27	403	55.97	319	44.30	401	55.69	71,961	7,034,431	388.37	69,831	7,884,851	435.32
2661- 2670	2	0.27	405	56.25	317	44.02	403	55.97	109,721	7,144,152	394.43	107,551	7,992,402	441.26
2671- 2680	1	0.13	406	56.38	315	43.75	405	56.25	86,571	7,402,900	408.71	87,021	8,257,900	455.92
2701- 2710	1	0.13	407	56.52	314	43.61	406	56.38	85,098	7,697,870	425.00	85,498	8,562,690	472.75
2741- 2750	2	0.27	409	56.80	313	43.47	407	56.52	93,714	7,791,584	430.17	91,344	8,654,034	477.79
2751- 2760	3	0.41	412	57.22	311	43.19	409	56.80	139,312	8,124,761	448.57	134,082	8,988,201	496.24
2781- 2790	2	0.27	414	57.49	308	42.77	412	57.22	120,206	8,244,967	455.20	117,706	9,105,907	502.74
2791- 2800	5	0.69	419	58.19	306	42.49	414	57.49	109,440	8,354,407	461.25	98,500	9,204,407	508.18
2801- 2810	6	0.83	425	59.02	301	41.80	419	58.19	137,945	8,492,352	468.86	124,095	9,328,502	515.03
2811- 2820	1	0.13	426	59.16	295	40.97	425	59.02	121,950	8,727,323	481.84	122,070	9,566,543	528.17
2831- 2840	1	0.13	427	59.30	294	40.83	426	59.16	105,329	8,832,652	487.65	105,429	9,671,972	533.99
2841- 2850	3	0.41	430	59.72	293	40.69	427	59.30	128,546	8,961,196	494.75	122,926	9,794,898	540.78
2851- 2860	3	0.41	433	60.13	290	40.27	430	59.72	131,809	9,093,007	502.02	126,129	9,921,027	547.74
2861- 2870	6	0.83	439	60.97	287	39.86	433	60.13	117,909	9,210,916	508.53	103,559	10,024,586	553.46
2871- 2880	6	0.83	445	61.80	281	39.02	439	60.97	115,392	9,326,308	514.91	100,922	10,125,508	559.03
2881- 2890	2	0.27	447	62.08	275	38.19	445	61.80	133,197	9,459,505	522.26	130,167	10,255,675	566.22
2891- 2900	1	0.13	448	62.22	273	37.91	447	62.08	124,955	9,584,460	529.16	124,785	10,380,460	573.11
2901- 2910	5	0.69	453	62.91	272	37.77	448	62.22	148,661	9,733,121	537.37	136,831	10,517,291	580.66
2911- 2920	4	0.55	457	63.47	267	37.08	453	62.91	140,413	9,873,534	545.12	131,403	10,648,694	587.91
2921- 2930	1	0.13	458	63.61	263	36.52	457	63.47	126,245	9,999,779	552.09	125,945	10,774,639	594.87
2931- 2940	3	0.41	461	64.02	262	36.38	458	63.61	114,864	10,114,643	558.43	108,664	10,883,303	600.87
2941- 2950	3	0.41	464	64.44	259	35.97	461	64.02	171,423	10,286,066	567.89	165,163	11,048,466	609.99
2951- 2960	1	0.13	465	64.58	256	35.55	464	64.44	121,594	10,407,660	574.61	121,194	11,169,660	616.68
2961- 2970	4	0.55	469	65.13	255	35.41	465	64.58	148,795	10,556,455	582.82	139,465	11,309,125	624.38
2971- 2980	3	0.41	472	65.55	251	34.86	469	65.13	122,415	10,678,870	589.58	115,985	11,425,110	630.78
2981- 2990	5	0.69	477	66.24	248	34.44	472	65.55	164,760	10,843,630	598.68	152,290	11,577,400	639.19
2991- 3000	10	1.38	487	67.63	243	33.74	477	66.24	162,317	11,005,947	607.64	134,747	11,712,147	646.63
3001- 3010	8	1.11	495	68.75	233	32.36	487	67.63	162,826	11,168,773	616.63	141,076	11,853,223	654.42
3011- 3020	6	0.83	501	69.58	225	31.25	495	68.75	208,718	11,377,491	628.15	192,848	12,046,071	665.06
3021- 3030	12	1.66	513	71.24	219	30.41	501	69.58	212,520	11,590,011	639.89	178,350	12,224,421	674.91
3031- 3040	8	1.11	521	72.36	207	28.74	513	71.24	176,616	11,766,627	649.64	154,366	12,378,787	683.43
3041- 3050	9	1.24	530	73.61	199	27.63	521	72.36	158,892	11,925,519	658.41	133,432	12,512,219	690.80
3051- 3060	9	1.24	539	74.86	190	26.38	530	73.61	168,599	12,094,118	667.72	142,959	12,655,178	698.69
3061- 3070	8	1.11	547	75.97	181	25.13	539	74.86	184,488	12,278,606	677.90	161,738	12,816,916	707.62
3071- 3080	10	1.38	557	77.36	173	24.02	547	75.97	234,526	12,513,132	690.85	205,456	13,022,372	718.97
3081- 3090	5	0.69	562	78.05	163	22.63	557	77.36	188,779	12,701,911	701.27	174,959	13,197,331	728.63
3091- 3100	10	1.38	572	79.44	158	21.94	562	78.05	195,626	12,897,537	712.07	166,206	13,363,537	737.80
3101- 3110	7	0.97	579	80.41	148	20.55	572	79.44	158,893	13,056,430	720.85	138,603	13,502,140	745.46
3111- 3120	7	0.97	586	81.38	141	19.58	579	80.41	168,756	13,225,186	730.16	148,326	13,650,466	753.64
3121- 3130	5	0.69	591	82.08	134	18.61	586	81.38	137,956	13,363,142	737.78	123,646	13,774,112	760.47
3131- 3140	13	1.80	604	83.88	129	17.91	591	82.08	204,446	13,567,588	749.07	164,916	13,939,028	769.53
3141- 3150	10	1.38	614	85.27	116	16.11	604	83.88	179,832	13,747,420	759.00	149,492	14,088,520	777.83
3151- 3160	5	0.69	619	85.97	106	14.72	614	85.27	199,416	13,946,836	770.01	184,676	14,273,196	788.03
3161- 3170	10	1.38	629	87.36	101	14.02	619	85.97	161,962	14,108,798	778.95	131,272	14,404,468	795.27
3171- 3180	4	0.55	633	87.91	91	12.63	629	87.36	159,266	14,268,064	787.74	147,456	14,551,924	803.41
3181- 3190	7	0.97	640	88.88	87	12.08	633	87.91	185,353	14,453,417	797.98	163,893	14,715,817	812.46
3191- 3200	6	0.83	646	89.72	80	11.11	640	88.88	128,231	14,581,648	805.06	109,831	14,825,648	818.53
3201- 3210	10	1.38	656	91.11	74	10.27	646	89.72	183,259	14,764,907	815.17	151,899	14,977,547	826.91
3211- 3220	7	0.97	663	92.08	64	8.88	656	91.11	164,512	14,929,419	824.26	142,612	15,120,159	834.79

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
09-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
PAGE NO. 4

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3231- 3240	2	0.27	665	92.36	57	7.91	663	92.08	122,923	15,052,342	831.04	117,033	15,237,192	841.25
3241- 3250	9	1.24	674	93.61	55	7.63	665	92.36	136,308	15,188,650	838.57	107,698	15,344,890	847.19
3251- 3260	8	1.11	682	94.72	46	6.38	674	93.61	146,509	15,335,159	846.66	120,969	15,465,859	853.87
3261- 3270	4	0.55	686	95.27	38	5.27	682	94.72	146,948	15,482,107	854.77	134,288	15,600,147	861.29
3271- 3280	1	0.13	687	95.41	34	4.72	686	95.27	131,031	15,613,138	862.00	128,101	15,728,248	868.36
3281- 3290	6	0.83	693	96.24	33	4.59	687	95.41	151,153	15,764,291	870.35	131,803	15,860,051	875.64
3291- 3300	4	0.55	697	96.80	27	3.74	693	96.24	112,054	15,876,345	876.54	99,164	15,959,215	881.11
3301- 3310	3	0.41	700	97.22	23	3.19	697	96.80	95,870	15,972,215	881.83	86,200	16,045,415	885.87
3311- 3320	2	0.27	702	97.49	20	2.77	700	97.22	89,545	16,061,760	886.77	83,125	16,128,540	890.46
3321- 3330	1	0.13	703	97.63	18	2.49	702	97.49	76,479	16,138,239	891.00	73,339	16,201,879	894.51
3331- 3340	2	0.27	705	97.91	17	2.36	703	97.63	116,728	16,254,967	897.44	110,238	16,312,117	900.60
3341- 3350	2	0.27	707	98.19	15	2.08	705	97.91	133,817	16,388,784	904.83	127,287	16,439,404	907.62
3361- 3370	2	0.27	709	98.47	13	1.80	707	98.19	124,544	16,577,091	915.22	117,954	16,621,251	917.66
3371- 3380	3	0.41	712	98.88	11	1.52	709	98.47	118,141	16,695,232	921.75	108,141	16,729,392	923.63
3381- 3390	1	0.13	713	99.02	8	1.11	712	98.88	84,647	16,779,879	926.42	81,347	16,810,739	928.12
3401- 3410	1	0.13	714	99.16	7	0.97	713	99.02	71,500	16,936,284	935.06	68,170	16,963,884	936.58
3471- 3480	2	0.27	716	99.44	6	0.83	714	99.16	100,811	17,587,657	971.02	93,931	17,608,737	972.18
3481- 3490	1	0.13	717	99.58	4	0.55	716	99.44	94,116	17,681,773	976.21	90,676	17,699,413	977.19
3491- 3500	1	0.13	718	99.72	3	0.41	717	99.58	97,873	17,779,646	981.62	94,413	17,793,826	982.40
3521- 3530	1	0.13	719	99.86	2	0.27	718	99.72	67,014	18,008,138	994.23	63,514	18,018,858	994.83
3561- 3570	1	0.13	720	100.00	1	0.13	719	99.86	85,560	18,320,657	1011.49	82,010	18,327,857	1011.89

TOTAL NUMBER OF HOURS IN STUDY IS 720

TOTAL MWH IN STUDY IS 1,811,249

PEAK MWH OF 3561 OCCURRED ON 09-14-81 AT 2 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 10-31-81

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1681- 1690	1	0.13	1	0.13	744	100.00	0	0.00	11,797	239,983	12.18	17,557	1,495,663	75.91
1691- 1700	1	0.13	2	0.26	743	99.86	1	0.13	25,415	265,398	13.47	31,155	1,526,818	77.49
1701- 1710	1	0.13	3	0.40	742	99.73	2	0.26	17,074	282,472	14.33	22,794	1,549,612	78.65
1711- 1720	4	0.53	7	0.94	741	99.59	3	0.40	25,734	308,206	15.64	26,304	1,575,916	79.98
1721- 1730	1	0.13	8	1.07	737	99.05	7	0.94	20,698	328,904	16.69	26,348	1,602,264	81.32
1731- 1740	1	0.13	9	1.20	736	98.92	8	1.07	31,232	360,136	18.27	36,862	1,639,126	83.19
1741- 1750	3	0.40	12	1.61	735	98.79	9	1.20	20,953	381,089	19.34	23,083	1,662,209	84.36
1761- 1770	2	0.26	14	1.88	732	98.38	12	1.61	24,735	432,144	21.93	28,535	1,724,384	87.52
1781- 1790	1	0.13	15	2.01	730	98.11	14	1.88	30,348	476,699	24.19	35,868	1,781,759	90.43
1791- 1800	3	0.40	18	2.41	729	97.98	15	2.01	37,707	514,406	26.10	39,627	1,821,386	92.44
1811- 1820	2	0.26	20	2.68	726	97.58	18	2.41	32,669	581,387	29.50	36,309	1,899,267	96.39
1821- 1830	3	0.40	23	3.09	724	97.31	20	2.68	52,951	634,338	32.19	54,731	1,953,998	99.17
1831- 1840	2	0.26	25	3.36	721	96.90	23	3.09	33,055	667,393	33.87	36,605	1,990,603	101.03
1841- 1850	2	0.26	27	3.62	719	96.63	25	3.36	38,767	706,160	35.84	42,277	2,032,880	103.17
1861- 1870	2	0.26	29	3.89	717	96.37	27	3.62	54,101	799,240	40.56	57,551	2,136,580	108.44
1871- 1880	4	0.53	33	4.43	715	96.10	29	3.89	41,270	840,510	42.65	40,940	2,177,520	110.51
1881- 1890	5	0.67	38	5.10	711	95.56	33	4.43	43,394	883,904	44.86	41,104	2,218,624	112.60
1901- 1910	1	0.13	39	5.24	706	94.89	38	5.10	45,736	963,744	48.91	50,896	2,310,684	117.27
1911- 1920	5	0.67	44	5.91	705	94.75	39	5.24	55,578	1,019,322	51.73	53,078	2,363,762	119.97
1921- 1930	3	0.40	47	6.31	700	94.08	44	5.91	48,154	1,067,476	54.17	49,394	2,413,156	122.47
1931- 1940	6	0.80	53	7.12	697	93.68	47	6.31	40,646	1,108,122	56.24	36,036	2,449,192	124.30
1941- 1950	7	0.94	60	8.06	691	92.87	53	7.12	52,525	1,160,647	58.90	45,855	2,495,047	126.63
1951- 1960	6	0.80	66	8.87	684	91.93	60	8.06	60,616	1,221,263	61.98	55,756	2,550,803	129.46
1961- 1970	10	1.34	76	10.21	678	91.12	66	8.87	49,123	1,270,386	64.47	36,303	2,587,106	131.30
1971- 1980	5	0.67	81	10.88	668	89.78	76	10.21	45,426	1,315,812	66.78	42,256	2,629,362	133.45
1981- 1990	7	0.94	88	11.82	663	89.11	81	10.88	73,434	1,389,246	70.51	66,204	2,695,566	136.81
1991- 2000	6	0.80	94	12.63	656	88.17	88	11.82	61,854	1,451,100	73.65	56,474	2,752,040	139.67
2001- 2010	5	0.67	99	13.30	650	87.36	94	12.63	48,140	1,499,240	76.09	44,640	2,796,680	141.94
2011- 2020	4	0.53	103	13.84	645	86.69	99	13.30	56,401	1,555,641	78.95	54,811	2,851,491	144.72
2021- 2030	7	0.94	110	14.78	641	86.15	103	13.84	64,797	1,620,438	82.24	57,067	2,908,558	147.62
2031- 2040	4	0.53	114	15.32	634	85.21	110	14.78	54,954	1,675,392	85.03	53,174	2,961,732	150.32
2041- 2050	3	0.40	117	15.72	630	84.67	114	15.32	45,021	1,720,413	87.31	45,201	3,006,933	152.61
2051- 2060	3	0.40	120	16.12	627	84.27	117	15.72	41,163	1,761,576	89.40	41,283	3,048,216	154.71
2061- 2070	6	0.80	126	16.93	624	83.87	120	16.12	61,970	1,823,546	92.55	55,850	3,104,066	157.54
2071- 2080	6	0.80	132	17.74	618	83.06	126	16.93	33,222	1,856,768	94.23	26,982	3,131,048	158.91
2081- 2090	4	0.53	136	18.27	612	82.25	132	17.74	62,593	1,919,361	97.41	60,393	3,191,441	161.98
2091- 2100	8	1.07	144	19.35	608	81.72	136	18.27	64,951	1,984,312	100.71	54,311	3,245,752	164.73
2101- 2110	8	1.07	152	20.43	600	80.64	144	19.35	92,624	2,076,936	105.41	81,824	3,327,576	168.89
2111- 2120	6	0.80	158	21.23	592	79.56	152	20.43	52,891	2,129,827	108.09	46,151	3,373,727	171.23
2121- 2130	6	0.80	164	22.04	586	78.76	158	21.23	55,258	2,185,085	110.90	48,398	3,422,125	173.68
2131- 2140	7	0.94	171	22.98	580	77.95	164	22.04	49,102	2,234,187	113.39	39,992	3,462,117	175.71
2141- 2150	5	0.67	176	23.65	573	77.01	171	22.98	57,918	2,292,105	116.33	52,948	3,515,065	178.40
2151- 2160	3	0.40	179	24.05	568	76.34	176	23.65	66,841	2,358,946	119.72	66,071	3,581,136	181.75
2161- 2170	6	0.80	185	24.86	565	75.94	179	24.05	62,808	2,421,754	122.91	55,498	3,636,634	184.57
2171- 2180	4	0.53	189	25.40	559	75.13	185	24.86	39,155	2,460,909	124.90	36,065	3,672,699	186.40
2181- 2190	7	0.94	196	26.34	555	74.59	189	25.40	76,495	2,537,404	128.78	66,785	3,739,484	189.79
2191- 2200	7	0.94	203	27.28	548	73.65	196	26.34	85,592	2,622,996	133.12	75,742	3,815,226	193.64
2201- 2210	2	0.26	205	27.55	541	72.71	203	27.28	61,735	2,684,731	136.26	62,745	3,877,971	196.82
2211- 2220	5	0.67	210	28.22	539	72.44	205	27.55	84,207	2,768,938	140.53	78,547	3,956,518	200.81
2221- 2230	2	0.26	212	28.49	534	71.77	210	28.22	62,314	2,831,252	143.69	63,214	4,019,732	204.02
2231- 2240	7	0.94	219	29.43	532	71.50	212	28.49	87,185	2,918,437	148.12	76,895	4,096,627	207.92
2241- 2250	2	0.26	221	29.70	525	70.56	219	29.43	74,119	2,992,556	151.88	74,889	4,171,516	211.72
2251- 2260	2	0.26	223	29.97	523	70.29	221	29.70	67,681	3,060,237	155.32	68,411	4,239,927	215.19
2261- 2270	3	0.40	226	30.37	521	70.02	223	29.97	83,810	3,144,047	159.57	82,240	4,322,167	219.37

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 10-31-81

DATE 09/17/82
PAGE NO. 2

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2271- 2280	3	0.40	229	30.77	518	69.62	226	30.37	88,757	3,232,804	164.08	87,127	4,409,294	223.79
2281- 2290	1	0.13	230	30.91	515	69.22	229	30.77	48,006	3,280,810	166.51	50,876	4,460,170	226.37
2291- 2300	5	0.67	235	31.58	514	69.08	230	30.91	71,157	3,351,967	170.12	64,847	4,525,017	229.66
2301- 2310	8	1.07	243	32.66	509	68.41	235	31.58	106,064	3,458,031	175.51	92,754	4,617,771	234.37
2311- 2320	4	0.53	247	33.19	501	67.33	243	32.66	88,006	3,546,037	179.97	83,776	4,701,547	238.62
2321- 2330	6	0.80	253	34.00	497	66.80	247	33.19	74,422	3,620,459	183.75	65,472	4,767,019	241.94
2331- 2340	4	0.53	257	34.54	491	65.99	253	34.00	63,066	3,683,525	186.95	58,656	4,825,675	244.92
2341- 2350	2	0.26	259	34.81	487	65.45	257	34.54	82,107	3,765,632	191.12	82,297	4,907,972	249.10
2351- 2360	4	0.53	263	35.34	485	65.18	259	34.81	75,380	3,841,012	194.94	70,830	4,978,802	252.69
2361- 2370	1	0.13	264	35.48	481	64.65	263	35.34	80,443	3,921,455	199.03	82,893	5,061,695	256.90
2371- 2380	6	0.80	270	36.29	480	64.51	264	35.48	73,639	3,995,094	202.76	64,219	5,125,914	260.16
2381- 2390	4	0.53	274	36.82	474	63.70	270	36.29	90,631	4,085,725	207.36	85,851	5,211,765	264.52
2391- 2400	5	0.67	279	37.50	470	63.17	274	36.82	69,478	4,155,203	210.89	62,228	5,273,993	267.68
2401- 2410	4	0.53	283	38.03	465	62.50	279	37.50	67,348	4,222,551	214.31	62,398	5,336,391	270.84
2411- 2420	6	0.80	289	38.84	461	61.96	283	38.03	60,401	4,282,952	217.38	50,551	5,386,942	273.41
2421- 2430	5	0.67	294	39.51	455	61.15	289	38.84	72,785	4,355,737	221.07	65,235	5,452,177	276.72
2431- 2440	3	0.40	297	39.91	450	60.48	294	39.51	82,805	4,438,542	225.27	80,015	5,532,192	280.78
2441- 2450	8	1.07	305	40.99	447	60.08	297	39.91	73,352	4,511,894	229.00	58,302	5,590,494	283.74
2451- 2460	3	0.40	308	41.39	439	59.00	305	40.99	71,175	4,583,069	232.61	68,215	5,658,709	287.20
2461- 2470	1	0.13	309	41.53	436	58.60	308	41.39	61,623	4,644,692	235.74	63,523	5,722,232	290.43
2471- 2480	2	0.26	311	41.80	435	58.46	309	41.53	66,855	4,711,547	239.13	66,265	5,788,497	293.79
2481- 2490	5	0.67	316	42.47	433	58.19	311	41.80	79,531	4,791,078	243.16	71,461	5,859,958	297.42
2501- 2510	6	0.80	322	43.27	428	57.52	316	42.47	87,710	4,976,112	252.56	76,990	6,038,552	306.48
2511- 2520	4	0.53	326	43.81	422	56.72	322	43.27	72,940	5,049,052	256.26	67,120	6,105,672	309.89
2521- 2530	2	0.26	328	44.08	418	56.18	326	43.81	80,808	5,129,860	260.36	79,948	6,185,620	313.94
2531- 2540	4	0.53	332	44.62	416	55.91	328	44.08	78,614	5,208,474	264.35	72,654	6,258,274	317.63
2541- 2550	3	0.40	335	45.02	412	55.37	332	44.62	58,528	5,267,002	267.32	55,028	6,313,302	320.43
2551- 2560	3	0.40	338	45.43	409	54.97	335	45.02	66,433	5,333,435	270.69	62,873	6,376,175	323.62
2561- 2570	3	0.40	341	45.83	406	54.56	338	45.43	84,666	5,418,101	274.99	81,046	6,457,221	327.73
2571- 2580	7	0.94	348	46.77	403	54.16	341	45.83	90,130	5,508,231	279.56	76,170	6,533,391	331.60
2591- 2600	3	0.40	351	47.17	396	53.22	348	46.77	85,692	5,668,874	287.72	81,882	6,694,184	339.76
2601- 2610	4	0.53	355	47.71	393	52.82	351	47.17	93,819	5,762,693	292.48	87,349	6,781,533	344.19
2611- 2620	7	0.94	362	48.65	389	52.28	355	47.71	83,702	5,846,395	296.73	69,322	6,850,855	347.71
2621- 2630	3	0.40	365	49.05	382	51.34	362	48.65	63,016	5,909,411	299.93	58,976	6,909,831	350.70
2641- 2650	5	0.67	370	49.73	379	50.94	365	49.05	68,801	6,049,360	307.03	59,391	7,044,160	357.52
2651- 2660	2	0.26	372	50.00	374	50.26	370	49.73	87,663	6,137,023	311.48	86,103	7,130,263	361.89
2661- 2670	3	0.40	375	50.40	372	50.00	372	50.00	66,637	6,203,660	314.86	62,377	7,192,640	365.06
2671- 2680	5	0.67	380	51.07	369	49.59	375	50.40	104,368	6,308,028	320.16	94,708	7,287,348	369.86
2681- 2690	3	0.40	383	51.47	364	48.92	380	51.07	94,002	6,402,030	324.93	89,602	7,376,950	374.41
2691- 2700	4	0.53	387	52.01	361	48.52	383	51.47	78,175	6,480,205	328.90	71,025	7,447,975	378.02
2701- 2710	4	0.53	391	52.55	357	47.98	387	52.01	83,867	6,564,072	333.15	76,637	7,524,612	381.90
2711- 2720	3	0.40	394	52.95	353	47.44	391	52.55	65,181	6,629,253	336.46	60,581	7,585,193	384.98
2721- 2730	4	0.53	398	53.49	350	47.04	394	52.95	73,574	6,702,827	340.20	66,194	7,651,387	388.34
2731- 2740	2	0.26	400	53.76	346	46.50	398	53.49	71,117	6,773,944	343.80	69,117	7,720,504	391.85
2741- 2750	2	0.26	402	54.03	344	46.23	400	53.76	82,353	6,856,297	347.98	80,313	7,800,817	395.92
2751- 2760	2	0.26	404	54.30	342	45.96	402	54.03	88,205	6,944,502	352.46	86,125	7,886,942	400.29
2771- 2780	4	0.53	408	54.83	340	45.69	404	54.30	86,040	7,138,367	362.30	78,360	8,076,527	409.92
2781- 2790	1	0.13	409	54.97	336	45.16	408	54.83	130,947	7,269,314	368.95	131,527	8,208,054	416.59
2801- 2810	3	0.40	412	55.37	335	45.02	409	54.97	95,410	7,479,339	379.61	90,360	8,416,379	427.17
2811- 2820	2	0.26	414	55.64	332	44.62	412	55.37	121,059	7,600,398	385.75	118,759	8,535,138	433.19
2821- 2830	2	0.26	416	55.91	330	44.35	414	55.64	113,021	7,713,419	391.49	110,681	8,645,819	438.81
2831- 2840	3	0.40	419	56.31	328	44.08	416	55.91	119,119	7,832,538	397.53	113,909	8,759,728	444.59
2841- 2850	1	0.13	420	56.45	325	43.68	419	56.31	102,484	7,935,022	402.74	102,894	8,862,622	449.82
2851- 2860	3	0.40	423	56.85	324	43.54	420	56.45	119,975	8,054,997	408.82	114,665	8,977,287	455.63
2861- 2870	4	0.53	427	57.39	321	43.14	423	56.85	123,204	8,178,201	415.08	114,974	9,092,261	461.47

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 10-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2871- 2880	1	0.13	428	57.52	317	42.60	427	57.39	100,668	8,278,869	420.19	100,968	9,193,229	466.60
2881- 2890	1	0.13	429	57.66	316	42.47	428	57.52	98,084	8,376,953	425.17	98,364	9,291,593	471.59
2891- 2900	7	0.94	436	58.60	315	42.33	429	57.66	127,412	8,504,365	431.63	110,332	9,401,925	477.19
2901- 2910	2	0.26	438	58.87	308	41.39	436	58.60	122,045	8,626,410	437.83	119,325	9,521,250	483.24
2911- 2920	2	0.26	440	59.13	306	41.12	438	58.87	134,084	8,760,494	444.63	131,324	9,652,574	489.91
2921- 2930	3	0.40	443	59.54	304	40.86	440	59.13	128,709	8,889,203	451.16	122,989	9,775,563	496.15
2931- 2940	4	0.53	447	60.08	301	40.45	443	59.54	123,306	9,012,509	457.42	114,596	9,890,159	501.97
2941- 2950	5	0.67	452	60.75	297	39.91	447	60.08	106,031	9,118,540	462.80	94,301	9,984,460	506.75
2951- 2960	4	0.53	456	61.29	292	39.24	452	60.75	162,561	9,281,101	471.05	153,681	10,138,141	514.55
2961- 2970	3	0.40	459	61.69	288	38.70	456	61.29	118,633	9,399,734	477.08	112,633	10,250,774	520.27
2971- 2980	7	0.94	466	62.63	285	38.30	459	61.69	136,886	9,536,620	484.02	118,946	10,369,720	526.31
2981- 2990	8	1.07	474	63.70	278	37.36	466	62.63	113,459	9,650,079	489.78	92,399	10,462,119	531.00
2991- 3000	9	1.20	483	64.91	270	36.29	474	63.70	149,780	9,799,859	497.38	125,570	10,587,689	537.37
3001- 3010	5	0.67	488	65.59	261	35.08	483	64.91	132,267	9,932,126	504.10	119,877	10,707,566	543.45
3011- 3020	7	0.94	495	66.53	256	34.40	488	65.59	138,708	10,070,834	511.14	120,198	10,827,764	549.56
3021- 3030	9	1.20	504	67.74	249	33.46	495	66.53	190,566	10,261,400	520.81	165,876	10,993,640	557.97
3031- 3040	5	0.67	509	68.41	240	32.25	504	67.74	176,088	10,437,488	529.75	163,338	11,156,978	566.26
3041- 3050	5	0.67	514	69.08	235	31.58	509	68.41	152,252	10,589,740	537.47	139,402	11,296,380	573.34
3051- 3060	7	0.94	521	70.02	230	30.91	514	69.08	131,391	10,721,131	544.14	112,341	11,408,721	579.04
3061- 3070	7	0.94	528	70.96	223	29.97	521	70.02	141,005	10,862,136	551.30	121,815	11,530,536	585.22
3071- 3080	8	1.07	536	72.04	216	29.03	528	70.96	159,890	11,022,026	559.42	137,490	11,668,026	592.20
3081- 3090	10	1.34	546	73.38	208	27.95	536	72.04	203,664	11,225,690	569.75	174,944	11,842,970	601.08
3091- 3100	7	0.94	553	74.32	198	26.61	546	73.38	173,305	11,398,995	578.55	153,655	11,996,625	608.88
3101- 3110	7	0.94	560	75.26	191	25.67	553	74.32	164,557	11,563,552	586.90	144,767	12,141,392	616.23
3111- 3120	8	1.07	568	76.34	184	24.73	560	75.26	137,085	11,700,637	593.86	114,045	12,255,437	622.02
3121- 3130	10	1.34	578	77.68	176	23.65	568	76.34	146,895	11,847,532	601.31	117,455	12,372,892	627.98
3131- 3140	4	0.53	582	78.22	166	22.31	578	77.68	122,283	11,969,815	607.52	111,423	12,484,315	633.63
3141- 3150	4	0.53	586	78.76	162	21.77	582	78.22	163,566	12,133,381	615.82	152,626	12,636,941	641.38
3151- 3160	12	1.61	598	80.37	158	21.23	586	78.76	148,289	12,281,670	623.35	112,069	12,749,010	647.07
3161- 3170	5	0.67	603	81.04	146	19.62	598	80.37	183,598	12,465,268	632.67	169,258	12,918,268	655.66
3171- 3180	7	0.94	610	81.98	141	18.95	603	81.04	130,196	12,595,464	639.27	109,416	13,027,684	661.21
3181- 3190	6	0.80	616	82.79	134	18.01	610	81.98	146,523	12,741,987	646.71	128,783	13,156,467	667.75
3191- 3200	9	1.20	625	84.00	128	17.20	616	82.79	162,986	12,904,973	654.98	135,556	13,292,023	674.63
3201- 3210	7	0.94	632	84.94	119	15.99	625	84.00	109,000	13,013,973	660.52	87,790	13,379,813	679.08
3211- 3220	8	1.07	640	86.02	112	15.05	632	84.94	151,114	13,165,087	668.19	126,554	13,506,367	685.51
3221- 3230	4	0.53	644	86.55	104	13.97	640	86.02	141,941	13,307,028	675.39	130,101	13,636,468	692.11
3231- 3240	5	0.67	649	87.23	100	13.44	644	86.55	116,459	13,423,487	681.30	101,309	13,737,777	697.25
3241- 3250	5	0.67	654	87.90	95	12.76	649	87.23	107,104	13,530,591	686.74	91,854	13,829,631	701.91
3251- 3260	9	1.20	663	89.11	90	12.09	654	87.90	120,459	13,651,050	692.85	92,109	13,921,740	706.59
3261- 3270	5	0.67	668	89.78	81	10.88	663	89.11	133,887	13,784,937	699.65	118,397	14,040,137	712.60
3271- 3280	4	0.53	672	90.32	76	10.21	668	89.78	127,752	13,912,689	706.13	115,432	14,155,569	718.46
3281- 3290	3	0.40	675	90.72	72	9.67	672	90.32	131,447	14,044,136	712.80	122,327	14,277,896	724.67
3291- 3300	5	0.67	680	91.39	69	9.27	675	90.72	98,875	14,143,011	717.82	83,115	14,361,011	728.88
3301- 3310	5	0.67	685	92.06	64	8.60	680	91.39	85,954	14,228,965	722.18	70,094	14,431,105	732.44
3311- 3320	5	0.67	690	92.74	59	7.93	685	92.06	82,913	14,311,878	726.39	66,953	14,498,058	735.84
3321- 3330	2	0.26	692	93.01	54	7.25	690	92.74	73,150	14,385,028	730.10	67,050	14,565,108	739.24
3331- 3340	6	0.80	698	93.81	52	6.98	692	93.01	110,064	14,495,092	735.69	90,604	14,655,712	743.84
3341- 3350	5	0.67	703	94.48	46	6.18	698	93.81	127,125	14,622,217	742.14	110,885	14,766,597	749.47
3351- 3360	5	0.67	708	95.16	41	5.51	703	94.48	63,763	14,685,980	745.38	47,423	14,814,020	751.88
3361- 3370	3	0.40	711	95.56	36	4.83	708	95.16	117,808	14,803,788	751.36	108,088	14,922,108	757.36
3371- 3380	3	0.40	714	95.96	33	4.43	711	95.56	108,017	14,911,805	756.84	98,237	15,020,345	762.35
3381- 3390	2	0.26	716	96.23	30	4.03	714	95.96	81,262	14,993,067	760.96	74,802	15,095,147	766.15
3391- 3400	3	0.40	719	96.63	28	3.76	716	96.23	84,905	15,077,972	765.27	75,015	15,170,162	769.95
3401- 3410	1	0.13	720	96.77	25	3.36	719	96.63	68,095	15,146,067	768.73	64,945	15,235,107	773.25
3411- 3420	3	0.40	723	97.17	24	3.22	720	96.77	85,395	15,231,462	773.06	75,405	15,310,512	777.08

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 10-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3421- 3430	3	0.40	726	97.58	21	2.82	723	97.17	99,377	15,330,839	778.11	89,327	15,399,839	781.61
3431- 3440	1	0.13	727	97.71	18	2.41	726	97.58	85,873	15,416,712	782.47	82,623	15,482,462	785.80
3441- 3450	4	0.53	731	98.25	17	2.28	727	97.71	82,694	15,499,406	786.66	69,104	15,551,566	789.31
3451- 3460	2	0.26	733	98.52	13	1.74	731	98.25	100,208	15,599,614	791.75	93,438	15,645,004	794.05
3461- 3470	1	0.13	734	98.65	11	1.47	733	98.52	97,015	15,696,629	796.67	93,665	15,738,669	798.81
3471- 3480	2	0.26	736	98.92	10	1.34	734	98.65	93,853	15,790,482	801.44	87,013	15,825,682	803.22
3481- 3490	3	0.40	739	99.32	8	1.07	736	98.92	90,630	15,881,112	806.04	80,270	15,905,952	807.30
3491- 3500	2	0.26	741	99.59	5	0.67	739	99.32	94,374	15,975,486	810.83	87,444	15,993,396	811.74
3501- 3510	2	0.26	743	99.86	3	0.40	741	99.59	73,599	16,049,085	814.56	66,629	16,060,025	815.12
3521- 3530	1	0.13	744	100.00	1	0.13	743	99.86	63,486	16,200,450	822.24	59,976	16,207,890	822.62

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 1,970,259

PEAK MWH OF 3527 OCCURRED ON 10-20-81 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
11-01-81 TO 11-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1791- 1800	2	0.27	2	0.27	720	100.00	0	0.00	32,321	483,049	23.96	35,941	1,775,469	88.08
1801- 1810	1	0.13	3	0.41	718	99.72	2	0.27	34,312	517,361	25.66	39,692	1,815,161	90.05
1821- 1830	1	0.13	4	0.55	717	99.58	3	0.41	47,471	593,871	29.46	52,821	1,904,191	94.47
1841- 1850	1	0.13	5	0.69	716	99.44	4	0.55	35,080	658,334	32.66	40,400	1,981,134	98.28
1851- 1860	3	0.41	8	1.11	715	99.30	5	0.69	38,979	697,313	34.59	40,579	2,021,713	100.30
1871- 1880	1	0.13	9	1.24	712	98.88	8	1.11	33,762	781,446	38.76	39,012	2,118,216	105.08
1881- 1890	1	0.13	10	1.38	711	98.74	9	1.24	33,955	815,401	40.45	39,185	2,157,401	107.03
1891- 1900	3	0.41	13	1.80	710	98.61	10	1.38	34,104	849,505	42.14	35,534	2,192,935	108.79
1901- 1910	1	0.13	14	1.94	707	98.19	13	1.80	43,831	893,336	44.32	49,001	2,241,936	111.22
1921- 1930	5	0.69	19	2.63	706	98.05	14	1.94	42,304	981,715	48.70	39,844	2,334,835	115.83
1931- 1940	1	0.13	20	2.77	701	97.36	19	2.63	29,030	1,010,745	50.14	34,110	2,368,945	117.52
1941- 1950	2	0.27	22	3.05	700	97.22	20	2.77	38,917	1,049,662	52.07	42,037	2,410,982	119.61
1961- 1970	1	0.13	23	3.19	698	96.94	22	3.05	29,474	1,128,019	55.96	34,494	2,501,339	124.09
1971- 1980	5	0.69	28	3.88	697	96.80	23	3.19	35,554	1,163,573	57.72	32,674	2,534,013	125.71
1981- 1990	2	0.27	30	4.16	692	96.11	28	3.88	59,528	1,223,101	60.68	62,488	2,596,501	128.81
1991- 2000	2	0.27	32	4.44	690	95.83	30	4.16	49,874	1,272,975	63.15	52,794	2,649,295	131.43
2021- 2030	3	0.41	35	4.86	688	95.55	32	4.44	50,619	1,410,046	69.95	51,439	2,800,946	138.96
2031- 2040	6	0.83	41	5.69	685	95.13	35	4.86	46,814	1,456,860	72.27	41,484	2,842,430	141.01
2041- 2050	4	0.55	45	6.25	679	94.30	41	5.69	38,878	1,495,738	74.20	37,508	2,879,938	142.87
2051- 2060	3	0.41	48	6.66	675	93.75	45	6.25	34,994	1,530,732	75.94	35,594	2,915,532	144.64
2061- 2070	4	0.55	52	7.22	672	93.33	48	6.66	49,584	1,580,316	78.40	48,064	2,963,596	147.03
2071- 2080	1	0.13	53	7.36	668	92.77	52	7.22	20,762	1,601,078	79.43	25,372	2,988,968	148.28
2081- 2090	7	0.97	60	8.33	667	92.63	53	7.36	54,242	1,655,320	82.12	46,352	3,035,320	150.58
2091- 2100	7	0.97	67	9.30	660	91.66	60	8.33	48,197	1,703,517	84.51	40,167	3,075,487	152.58
2101- 2110	9	1.24	76	10.55	653	90.69	67	9.30	75,783	1,779,300	88.27	63,413	3,138,900	155.72
2111- 2120	4	0.55	80	11.11	644	89.44	76	10.55	40,205	1,819,505	90.26	38,205	3,177,105	157.62
2121- 2130	3	0.41	83	11.52	640	88.88	80	11.11	42,501	1,862,006	92.37	42,541	3,219,646	159.73
2131- 2140	4	0.55	87	12.08	637	88.47	83	11.52	34,160	1,896,166	94.07	32,010	3,251,656	161.32
2141- 2150	5	0.69	92	12.77	633	87.91	87	12.08	47,201	1,943,367	96.41	42,831	3,294,487	163.44
2151- 2160	10	1.38	102	14.16	628	87.22	92	12.77	60,374	2,003,741	99.40	45,154	3,339,641	165.68
2161- 2170	3	0.41	105	14.58	618	85.83	102	14.16	49,817	2,053,558	101.88	49,517	3,389,158	168.14
2171- 2180	3	0.41	108	14.99	615	85.41	105	14.58	30,457	2,084,015	103.39	30,097	3,419,255	169.63
2181- 2190	5	0.69	113	15.69	612	84.99	108	14.99	61,198	2,145,213	106.42	56,418	3,475,673	172.43
2191- 2200	3	0.41	116	16.11	607	84.30	113	15.69	70,236	2,215,449	109.91	69,736	3,545,409	175.89
2201- 2210	5	0.69	121	16.80	604	83.88	116	16.11	57,327	2,272,776	112.75	52,367	3,597,776	178.49
2211- 2220	7	0.97	128	17.77	599	83.19	121	16.80	73,124	2,345,900	116.38	63,644	3,661,420	181.65
2221- 2230	5	0.69	133	18.47	592	82.22	128	17.77	57,865	2,403,765	119.25	52,685	3,714,105	184.26
2231- 2240	4	0.55	137	19.02	587	81.52	133	18.47	71,535	2,475,300	122.80	68,485	3,782,590	187.66
2241- 2250	4	0.55	141	19.58	583	80.97	137	19.02	69,625	2,544,925	126.25	66,495	3,849,085	190.96
2251- 2260	6	0.83	147	20.41	579	80.41	141	19.58	63,173	2,608,098	129.39	55,463	3,904,548	193.71
2261- 2270	4	0.55	151	20.97	573	79.58	147	20.41	77,025	2,685,123	133.21	73,715	3,978,263	197.36
2271- 2280	6	0.83	157	21.80	569	79.02	151	20.97	81,934	2,767,057	137.27	74,004	4,052,267	201.04
2281- 2290	1	0.13	158	21.94	563	78.19	157	21.80	45,717	2,812,774	139.54	49,067	4,101,334	203.47
2291- 2300	5	0.69	163	22.63	562	78.05	158	21.94	59,688	2,872,462	142.50	53,858	4,155,192	206.14
2301- 2310	6	0.83	169	23.47	557	77.36	163	22.63	87,617	2,960,079	146.85	79,387	4,234,579	210.08
2311- 2320	7	0.97	176	24.44	551	76.52	169	23.47	78,735	3,038,814	150.76	68,075	4,302,654	213.46
2321- 2330	5	0.69	181	25.13	544	75.55	176	24.44	60,471	3,099,285	153.76	54,311	4,356,965	216.15
2331- 2340	2	0.27	183	25.41	539	74.86	181	25.13	53,723	3,153,008	156.42	54,453	4,411,418	218.85
2341- 2350	3	0.41	186	25.83	537	74.58	183	25.41	77,417	3,230,425	160.26	75,767	4,487,185	222.61
2351- 2360	4	0.55	190	26.38	534	74.16	186	25.83	65,948	3,296,373	163.53	61,888	4,549,073	225.68
2361- 2370	4	0.55	194	26.94	530	73.61	190	26.38	78,080	3,374,453	167.41	73,940	4,623,013	229.35
2371- 2380	4	0.55	198	27.49	526	73.05	194	26.94	59,389	3,433,842	170.35	55,169	4,678,182	232.09
2381- 2390	6	0.83	204	28.33	522	72.49	198	27.49	81,092	3,514,934	174.38	72,032	4,750,214	235.66
2391- 2400	6	0.83	210	29.16	516	71.66	204	28.33	57,507	3,572,441	177.23	48,327	4,798,541	238.06

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
11-01-81 TO 11-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2401- 2410	2	0.27	212	29.44	510	70.83	210	29.16	57,728	3,630,169	180.10	58,028	4,856,569	240.94
2411- 2420	3	0.41	215	29.86	508	70.55	212	29.44	45,919	3,676,088	182.37	43,769	4,900,338	243.11
2421- 2430	4	0.55	219	30.41	505	70.13	215	29.86	60,646	3,736,734	185.38	56,016	4,956,354	245.89
2431- 2440	1	0.13	220	30.55	501	69.58	219	30.41	75,502	3,812,236	189.13	78,082	5,034,436	249.76
2441- 2450	2	0.27	222	30.83	500	69.44	220	30.55	53,790	3,866,026	191.80	53,910	5,088,346	252.44
2451- 2460	3	0.41	225	31.25	498	69.16	222	30.83	63,812	3,929,838	194.96	61,442	5,149,788	255.49
2461- 2470	4	0.55	229	31.80	495	68.75	225	31.25	59,154	3,988,992	197.90	54,264	5,204,052	258.18
2471- 2480	1	0.13	230	31.94	491	68.19	229	31.80	61,897	4,050,889	200.97	64,337	5,268,389	261.37
2481- 2490	6	0.83	236	32.77	490	68.05	230	31.94	67,100	4,117,989	204.30	57,120	5,325,509	264.20
2491- 2500	9	1.24	245	34.02	484	67.22	236	32.77	97,324	4,215,313	209.13	79,754	5,405,263	268.16
2501- 2510	7	0.97	252	34.99	475	65.97	245	34.02	72,676	4,287,989	212.73	59,926	5,465,189	271.13
2511- 2520	7	0.97	259	35.97	468	64.99	252	34.99	62,882	4,350,871	215.85	49,992	5,515,181	273.61
2521- 2530	7	0.97	266	36.94	461	64.02	259	35.97	75,753	4,426,624	219.61	62,723	5,577,904	276.73
2531- 2540	4	0.55	270	37.50	454	63.05	266	36.94	68,472	4,495,096	223.01	62,892	5,640,796	279.85
2551- 2560	3	0.41	273	37.91	450	62.50	270	37.50	58,762	4,604,748	228.45	55,612	5,751,798	285.35
2561- 2570	2	0.27	275	38.19	447	62.08	273	37.91	76,963	4,681,711	232.26	76,313	5,828,111	289.14
2571- 2580	2	0.27	277	38.47	445	61.80	275	38.19	72,089	4,753,800	235.84	71,399	5,899,510	292.68
2581- 2590	2	0.27	279	38.74	443	61.52	277	38.47	74,951	4,828,751	239.56	74,221	5,973,731	296.36
2591- 2600	6	0.83	285	39.58	441	61.24	279	38.74	77,906	4,906,657	243.42	66,776	6,040,507	299.68
2601- 2610	6	0.83	291	40.41	435	60.41	285	39.58	83,393	4,990,050	247.56	72,143	6,112,650	303.26
2611- 2620	3	0.41	294	40.83	429	59.58	291	40.41	65,388	5,055,438	250.81	61,848	6,174,498	306.32
2621- 2630	2	0.27	296	41.11	426	59.16	294	40.83	55,152	5,110,590	253.54	54,172	6,228,670	309.01
2631- 2640	2	0.27	298	41.38	424	58.88	296	41.11	71,148	5,181,738	257.07	70,128	6,298,798	312.49
2641- 2650	2	0.27	300	41.66	422	58.61	298	41.38	55,576	5,237,314	259.83	54,516	6,353,314	315.20
2651- 2660	2	0.27	302	41.94	420	58.33	300	41.66	82,348	5,319,662	263.91	81,248	6,434,562	319.23
2661- 2670	1	0.13	303	42.08	418	58.05	302	41.94	58,649	5,378,311	266.82	60,169	6,494,731	322.21
2671- 2680	4	0.55	307	42.63	417	57.91	303	42.08	90,993	5,469,304	271.34	84,483	6,579,214	326.40
2681- 2690	2	0.27	309	42.91	413	57.36	307	42.63	85,936	5,555,240	275.60	84,706	6,663,920	330.61
2691- 2700	3	0.41	312	43.33	411	57.08	309	42.91	67,387	5,622,627	278.94	63,427	6,727,347	333.75
2701- 2710	4	0.55	316	43.88	408	56.66	312	43.33	73,050	5,695,677	282.57	66,330	6,793,677	337.04
2711- 2720	3	0.41	319	44.30	404	56.11	316	43.88	57,030	5,752,707	285.40	52,940	6,846,617	339.67
2721- 2730	2	0.27	321	44.58	401	55.69	319	44.30	62,679	5,815,386	288.51	61,249	6,907,866	342.71
2731- 2740	2	0.27	323	44.86	399	55.41	321	44.58	65,652	5,881,038	291.77	64,182	6,972,048	345.89
2741- 2750	5	0.69	328	45.55	397	55.13	323	44.86	76,859	5,957,897	295.58	67,129	7,039,177	349.22
2751- 2760	3	0.41	331	45.97	392	54.44	328	45.55	82,692	6,040,589	299.68	78,362	7,117,539	353.11
2761- 2770	4	0.55	335	46.52	389	54.02	331	45.97	107,825	6,148,414	305.03	100,675	7,218,214	358.11
2771- 2780	4	0.55	339	47.08	385	53.47	335	46.52	74,935	6,223,349	308.75	67,705	7,285,919	361.46
2781- 2790	5	0.69	344	47.77	381	52.91	339	47.08	128,160	6,351,509	315.11	118,070	7,403,989	367.32
2791- 2800	4	0.55	348	48.33	376	52.22	344	47.77	114,615	6,466,124	320.79	107,215	7,511,204	372.64
2801- 2810	4	0.55	352	48.88	372	51.66	348	48.33	86,994	6,553,118	325.11	79,514	7,590,718	376.59
2811- 2820	3	0.41	355	49.30	368	51.11	352	48.88	115,428	6,668,546	330.84	110,678	7,701,396	382.08
2821- 2830	3	0.41	358	49.72	365	50.69	355	49.30	107,375	6,775,921	336.16	102,565	7,803,961	387.17
2831- 2840	6	0.83	364	50.55	362	50.27	358	49.72	110,624	6,886,545	341.65	97,264	7,901,225	391.99
2841- 2850	5	0.69	369	51.24	356	49.44	364	50.55	99,638	6,986,183	346.59	88,998	7,990,223	396.41
2851- 2860	6	0.83	375	52.08	351	48.74	369	51.24	111,408	7,097,591	352.12	97,818	8,088,041	401.26
2861- 2870	4	0.55	379	52.63	345	47.91	375	52.08	111,748	7,209,339	357.66	103,758	8,191,799	406.41
2871- 2880	5	0.69	384	53.33	341	47.36	379	52.63	97,792	7,307,131	362.52	86,852	8,278,651	410.72
2891- 2900	4	0.55	388	53.88	336	46.66	384	53.33	107,139	7,509,468	372.55	98,939	8,476,148	420.51
2901- 2910	5	0.69	393	54.58	332	46.11	388	53.88	116,232	7,625,700	378.32	105,052	8,581,200	425.73
2911- 2920	6	0.83	399	55.41	327	45.41	393	54.58	128,249	7,753,949	384.68	114,059	8,695,259	431.38
2921- 2930	2	0.27	401	55.69	321	44.58	399	55.41	119,935	7,873,884	390.63	117,305	8,812,564	437.20
2931- 2940	4	0.55	405	56.25	319	44.30	401	55.69	111,557	7,985,441	396.17	103,027	8,915,591	442.32
2941- 2950	5	0.69	410	56.94	315	43.75	405	56.25	91,303	8,076,744	400.70	79,753	8,995,344	446.27
2951- 2960	2	0.27	412	57.22	310	43.05	410	56.94	150,744	8,227,488	408.18	147,944	9,143,288	453.61
2961- 2970	3	0.41	415	57.63	308	42.77	412	57.22	109,732	8,337,220	413.62	103,932	9,247,220	458.77

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
11-01-81 TO 11-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2971- 2980	2	0.27	417	57.91	305	42.36	415	57.63	116,051	8,453,271	419.38	113,161	9,360,381	464.38
2981- 2990	5	0.69	422	58.61	303	42.08	417	57.91	89,576	8,542,847	423.82	77,706	9,438,087	468.24
2991- 3000	4	0.55	426	59.16	298	41.38	422	58.61	122,822	8,665,669	429.92	113,842	9,551,929	473.89
3001- 3010	8	1.11	434	60.27	294	40.83	426	59.16	117,242	8,782,911	435.73	96,182	9,648,111	478.66
3011- 3020	4	0.55	438	60.83	286	39.72	434	60.27	117,605	8,900,516	441.57	108,425	9,756,536	484.04
3021- 3030	12	1.66	450	62.50	282	39.16	438	60.83	163,343	9,063,859	449.67	129,923	9,886,459	490.48
3031- 3040	6	0.83	456	63.33	270	37.50	450	62.50	160,898	9,224,757	457.65	145,418	10,031,877	497.70
3041- 3050	5	0.69	461	64.02	264	36.66	456	63.33	137,040	9,361,797	464.45	124,480	10,156,357	503.87
3051- 3060	3	0.41	464	64.44	259	35.97	461	64.02	109,999	9,471,796	469.91	103,439	10,259,796	509.00
3061- 3070	1	0.13	465	64.58	256	35.55	464	64.44	119,544	9,591,340	475.84	119,044	10,378,840	514.91
3071- 3080	6	0.83	471	65.41	255	35.41	465	64.58	135,290	9,726,630	482.55	119,420	10,498,260	520.84
3081- 3090	5	0.69	476	66.11	249	34.58	471	65.41	172,801	9,899,431	491.13	159,891	10,658,151	528.77
3091- 3100	3	0.41	479	66.52	244	33.88	476	66.11	151,642	10,051,073	498.65	144,812	10,802,963	535.95
3101- 3110	8	1.11	487	67.63	241	33.47	479	66.52	142,819	10,193,892	505.73	120,429	10,923,392	541.93
3111- 3120	5	0.69	492	68.33	233	32.36	487	67.63	112,151	10,306,043	511.30	98,931	11,022,323	546.83
3121- 3130	6	0.83	498	69.16	228	31.66	492	68.33	115,641	10,421,684	517.04	99,201	11,121,524	551.76
3131- 3140	2	0.27	500	69.44	222	30.83	498	69.16	109,744	10,531,428	522.48	105,704	11,227,228	557.00
3141- 3150	6	0.83	506	70.27	220	30.55	500	69.44	150,985	10,682,413	529.97	134,345	11,361,573	563.67
3151- 3160	3	0.41	509	70.69	214	29.72	506	70.27	110,425	10,792,838	535.45	103,115	11,464,688	568.78
3161- 3170	5	0.69	514	71.38	211	29.30	509	70.69	167,782	10,960,620	543.77	154,092	11,618,780	576.43
3171- 3180	2	0.27	516	71.66	206	28.61	514	71.38	107,965	11,068,585	549.13	103,685	11,722,465	581.57
3181- 3190	4	0.55	520	72.22	204	28.33	516	71.66	127,416	11,196,001	555.45	116,736	11,839,201	587.36
3191- 3200	8	1.11	528	73.33	200	27.77	520	72.22	134,223	11,330,224	562.11	110,703	11,949,904	592.85
3201- 3210	4	0.55	532	73.88	192	26.66	528	73.33	86,561	11,416,785	566.40	75,681	12,025,585	596.61
3211- 3220	5	0.69	537	74.58	188	26.11	532	73.88	125,394	11,542,179	572.63	111,224	12,136,809	602.13
3221- 3230	3	0.41	540	75.00	183	25.41	537	74.58	129,034	11,671,213	579.03	121,204	12,258,013	608.14
3231- 3240	3	0.41	543	75.41	180	25.00	540	75.00	100,273	11,771,486	584.00	92,383	12,350,396	612.72
3241- 3250	4	0.55	547	75.97	177	24.58	543	75.41	90,881	11,862,367	588.51	79,691	12,430,087	616.68
3251- 3260	4	0.55	551	76.52	173	24.02	547	75.97	91,157	11,953,524	593.03	79,887	12,509,974	620.64
3261- 3270	7	0.97	558	77.49	169	23.47	551	76.52	117,550	12,071,074	598.87	96,420	12,606,394	625.42
3271- 3280	9	1.24	567	78.74	162	22.49	558	77.49	114,654	12,185,728	604.55	86,844	12,693,238	629.73
3281- 3290	3	0.41	570	79.16	153	21.24	567	78.74	121,590	12,307,318	610.59	113,280	12,806,518	635.35
3291- 3300	6	0.83	576	79.99	150	20.83	570	79.16	82,384	12,389,702	614.67	64,144	12,870,662	638.53
3301- 3310	1	0.13	577	80.13	144	19.99	576	79.99	69,426	12,459,128	618.12	67,566	12,938,228	641.89
3311- 3320	3	0.41	580	80.55	143	19.86	577	80.13	66,322	12,525,450	621.41	57,822	12,996,050	644.76
3321- 3330	3	0.41	583	80.97	140	19.44	580	80.55	66,500	12,591,950	624.71	57,940	13,053,990	647.63
3331- 3340	4	0.55	587	81.52	137	19.02	583	80.97	90,054	12,682,004	629.18	78,104	13,132,094	651.50
3341- 3350	6	0.83	593	82.36	133	18.47	587	81.52	110,393	12,792,397	634.65	91,683	13,223,777	656.05
3351- 3360	3	0.41	596	82.77	127	17.63	593	82.36	46,987	12,839,384	636.98	38,207	13,261,984	657.95
3361- 3370	9	1.24	605	84.02	124	17.22	596	82.77	107,712	12,947,096	642.33	78,712	13,340,696	661.85
3371- 3380	4	0.55	609	84.58	115	15.97	605	84.02	97,888	13,044,984	647.18	85,558	13,426,254	666.10
3381- 3390	4	0.55	613	85.13	111	15.41	609	84.58	74,488	13,119,472	650.88	62,078	13,488,332	669.18
3391- 3400	4	0.55	617	85.69	107	14.86	613	85.13	74,707	13,194,179	654.59	62,217	13,550,549	672.27
3401- 3410	8	1.11	625	86.80	103	14.30	617	85.69	64,686	13,258,865	657.79	38,516	13,589,065	674.18
3411- 3420	5	0.69	630	87.50	95	13.19	625	86.80	75,150	13,334,015	661.52	59,050	13,648,115	677.11
3421- 3430	3	0.41	633	87.91	90	12.50	630	87.50	89,098	13,423,113	665.94	79,738	13,727,853	681.06
3431- 3440	6	0.83	639	88.74	87	12.08	633	87.91	82,442	13,505,555	670.03	62,732	13,790,585	684.17
3441- 3450	4	0.55	643	89.30	81	11.24	639	88.74	68,911	13,574,466	673.45	55,961	13,846,546	686.95
3451- 3460	6	0.83	649	90.13	77	10.69	643	89.30	93,295	13,667,761	678.08	73,365	13,919,911	690.59
3461- 3470	4	0.55	653	90.69	71	9.86	649	90.13	93,548	13,761,309	682.72	80,418	14,000,329	694.58
3471- 3480	4	0.55	657	91.24	67	9.30	653	90.69	86,898	13,848,207	687.03	73,688	14,074,017	698.24
3481- 3490	2	0.27	659	91.52	63	8.74	657	91.24	80,175	13,928,382	691.01	73,845	14,147,862	701.90
3491- 3500	5	0.69	664	92.22	61	8.47	659	91.52	87,382	14,015,764	695.35	70,542	14,218,404	705.40
3501- 3510	3	0.41	667	92.63	56	7.77	664	92.22	66,589	14,082,353	698.65	56,649	14,275,053	708.21
3511- 3520	3	0.41	670	93.05	53	7.36	667	92.63	87,879	14,170,232	703.01	77,879	14,352,932	712.07

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
11-01-81 TO 11-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3521- 3530	1	0.13	671	93.19	50	6.94	670	93.05	59,959	14,230,191	705.98	56,939	14,409,871	714.90
3531- 3540	3	0.41	674	93.61	49	6.80	671	93.19	67,169	14,297,360	709.32	57,069	14,466,940	717.73
3541- 3550	3	0.41	677	94.02	46	6.38	674	93.61	81,572	14,378,932	713.36	71,412	14,538,352	721.27
3551- 3560	1	0.13	678	94.16	43	5.97	677	94.02	78,218	14,457,150	717.24	75,098	14,613,450	725.00
3561- 3570	2	0.27	680	94.44	42	5.83	678	94.16	81,999	14,539,149	721.31	75,299	14,688,749	728.73
3571- 3580	2	0.27	682	94.72	40	5.55	680	94.44	78,664	14,617,813	725.21	71,924	14,760,673	732.30
3581- 3590	1	0.13	683	94.86	38	5.27	682	94.72	57,377	14,675,190	728.06	54,177	14,814,850	734.99
3591- 3600	2	0.27	685	95.13	37	5.13	683	94.86	89,902	14,765,092	732.52	83,092	14,897,942	739.11
3601- 3610	3	0.41	688	95.55	35	4.86	685	95.13	79,326	14,844,418	736.46	68,876	14,966,818	742.53
3611- 3620	1	0.13	689	95.69	32	4.44	688	95.55	93,994	14,938,412	741.12	90,704	15,057,522	747.03
3621- 3630	1	0.13	690	95.83	31	4.30	689	95.69	76,143	15,014,555	744.90	72,833	15,130,355	750.64
3651- 3660	1	0.13	691	95.97	30	4.16	690	95.83	58,465	15,233,235	755.75	55,115	15,346,285	761.36
3661- 3670	2	0.27	693	96.24	29	4.02	691	95.97	69,646	15,302,881	759.20	62,616	15,408,901	764.46
3671- 3680	2	0.27	695	96.52	27	3.74	693	96.24	77,153	15,380,034	763.03	70,083	15,478,984	767.94
3691- 3700	2	0.27	697	96.80	25	3.47	695	96.52	96,068	15,524,008	770.17	88,938	15,616,078	774.74
3701- 3710	1	0.13	698	96.94	23	3.19	697	96.80	85,224	15,609,232	774.40	81,754	15,697,832	778.80
3711- 3720	2	0.27	700	97.22	22	3.05	698	96.94	92,881	15,702,113	779.01	85,681	15,783,513	783.05
3721- 3730	2	0.27	702	97.49	20	2.77	700	97.22	52,159	15,754,272	781.60	44,919	15,828,432	785.28
3731- 3740	1	0.13	703	97.63	18	2.49	702	97.49	67,258	15,821,530	784.93	63,708	15,892,140	788.44
3741- 3750	3	0.41	706	98.05	17	2.36	703	97.63	67,432	15,888,962	788.28	56,382	15,948,522	791.23
3751- 3760	1	0.13	707	98.19	14	1.94	706	98.05	63,830	15,952,792	791.45	60,220	16,008,742	794.22
3761- 3770	1	0.13	708	98.33	13	1.80	707	98.19	67,785	16,020,577	794.81	64,155	16,072,897	797.40
3781- 3790	1	0.13	709	98.47	12	1.66	708	98.33	75,739	16,171,833	802.31	72,079	16,220,613	804.73
3791- 3800	2	0.27	711	98.74	11	1.52	709	98.47	68,324	16,240,157	805.70	60,854	16,281,467	807.75
3801- 3810	1	0.13	712	98.88	9	1.24	711	98.74	91,328	16,331,485	810.23	87,618	16,369,085	812.10
3811- 3820	1	0.13	713	99.02	8	1.11	712	98.88	57,240	16,388,725	813.07	53,510	16,422,595	814.75
3821- 3830	1	0.13	714	99.16	7	0.97	713	99.02	76,521	16,465,246	816.87	72,771	16,495,366	818.36
3831- 3840	1	0.13	715	99.30	6	0.83	714	99.16	53,725	16,518,971	819.53	49,955	16,545,321	820.84
3841- 3850	2	0.27	717	99.58	5	0.69	715	99.30	53,834	16,572,805	822.21	46,204	16,591,525	823.13
3861- 3870	2	0.27	719	99.86	3	0.41	717	99.58	88,929	16,715,705	829.30	81,239	16,726,765	829.84
3881- 3890	1	0.13	720	100.00	1	0.13	719	99.86	66,068	16,824,400	834.69	62,198	16,831,600	835.04

TOTAL NUMBER OF HOURS IN STUDY IS 720

TOTAL MWH IN STUDY IS 2,015,640

PEAK MWH OF 3890 OCCURRED ON 11-24-81 AT 10 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
12-01-81 TO 12-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1991- 2000	2	0.26	2	0.26	744	100.00	0	0.00	45,882	1,211,736	50.95	49,342	2,695,756	113.35
2031- 2040	1	0.13	3	0.40	742	99.73	2	0.26	34,606	1,377,341	57.91	39,996	2,889,011	121.47
2051- 2060	1	0.13	4	0.53	741	99.59	3	0.40	28,817	1,436,848	60.41	34,177	2,961,288	124.51
2141- 2150	1	0.13	5	0.67	740	99.46	4	0.53	36,475	1,756,813	73.87	41,735	3,345,713	140.68
2161- 2170	1	0.13	6	0.80	739	99.32	5	0.67	43,321	1,838,938	77.32	48,551	3,440,458	144.66
2171- 2180	1	0.13	7	0.94	738	99.19	6	0.80	23,933	1,862,871	78.33	29,143	3,469,601	145.89
2181- 2190	2	0.26	9	1.20	737	99.05	7	0.94	50,266	1,913,137	80.44	53,276	3,522,877	148.13
2191- 2200	2	0.26	11	1.47	735	98.79	9	1.20	63,650	1,976,787	83.12	66,620	3,589,497	150.93
2211- 2220	1	0.13	12	1.61	733	98.52	11	1.47	57,616	2,030,700	87.48	62,736	3,705,860	155.82
2231- 2240	2	0.26	14	1.88	732	98.38	12	1.61	62,599	2,190,036	92.08	65,459	3,825,376	160.85
2241- 2250	1	0.13	15	2.01	730	98.11	14	1.88	60,646	2,250,682	94.63	65,706	3,891,082	163.61
2251- 2260	5	0.67	20	2.68	729	97.98	15	2.01	49,645	2,300,327	96.72	45,685	3,936,767	165.53
2261- 2270	2	0.26	22	2.95	724	97.31	20	2.68	67,960	2,368,287	99.58	70,680	4,007,447	168.50
2271- 2280	2	0.26	24	3.22	722	97.04	22	2.95	68,279	2,436,566	102.45	70,959	4,078,406	171.49
2291- 2300	2	0.26	26	3.49	720	96.77	24	3.22	48,213	2,528,209	106.30	50,833	4,179,869	175.75
2301- 2310	4	0.53	30	4.03	718	96.50	26	3.49	73,787	2,601,996	109.40	71,767	4,251,636	178.77
2311- 2320	5	0.67	35	4.70	714	95.96	30	4.03	62,534	2,664,530	112.03	58,124	4,309,760	181.21
2321- 2330	1	0.13	36	4.83	709	95.29	35	4.70	48,843	2,713,373	114.09	53,613	4,363,373	183.47
2341- 2350	6	0.80	42	5.64	708	95.16	36	4.83	70,375	2,832,799	119.11	63,415	4,482,919	188.49
2351- 2360	4	0.53	46	6.18	702	94.35	42	5.64	56,521	2,889,320	121.49	54,141	4,537,060	190.77
2361- 2370	5	0.67	51	6.85	698	93.81	46	6.18	68,619	2,957,939	124.37	63,799	4,600,859	193.45
2371- 2380	3	0.40	54	7.25	693	93.14	51	6.85	49,879	3,007,818	126.47	49,699	4,650,558	195.54
2381- 2390	7	0.94	61	8.19	690	92.74	54	7.25	66,775	3,074,593	129.28	57,015	4,707,573	197.94
2391- 2400	2	0.26	63	8.46	683	91.80	61	8.19	43,130	3,117,723	131.09	45,180	4,752,753	199.84
2411- 2420	4	0.53	67	9.00	681	91.53	63	8.46	38,672	3,209,321	134.94	35,842	4,848,331	203.86
2431- 2440	3	0.40	70	9.40	677	90.99	67	9.00	73,068	3,333,329	140.16	72,548	4,978,589	209.34
2441- 2450	2	0.26	72	9.67	674	90.59	70	9.40	48,899	3,382,228	142.21	50,759	5,029,348	211.47
2451- 2460	3	0.40	75	10.08	672	90.32	72	9.67	56,453	3,438,681	144.59	55,823	5,085,171	213.82
2461- 2470	2	0.26	77	10.34	669	89.91	75	10.08	49,299	3,487,980	146.66	51,069	5,136,240	215.97
2471- 2480	4	0.53	81	10.88	667	89.65	77	10.34	59,417	3,547,397	149.16	56,207	5,192,447	218.33
2481- 2490	2	0.26	83	11.15	663	89.11	81	10.88	52,193	3,599,590	151.35	53,863	5,246,310	220.59
2491- 2500	3	0.40	86	11.55	661	88.84	83	11.15	74,862	3,674,452	154.50	74,002	5,320,312	223.71
2501- 2510	3	0.40	89	11.96	658	88.44	86	11.55	55,146	3,729,598	156.82	54,226	5,374,538	225.99
2511- 2520	5	0.67	94	12.63	655	88.03	89	11.96	45,276	3,774,874	158.72	39,276	5,413,814	227.64
2521- 2530	4	0.53	98	13.17	650	87.36	94	12.63	58,075	3,832,949	161.16	54,495	5,468,309	229.93
2531- 2540	5	0.67	103	13.84	646	86.82	98	13.17	58,320	3,891,269	163.62	52,130	5,520,439	232.12
2541- 2550	4	0.53	107	14.38	641	86.15	103	13.84	50,890	3,942,159	165.76	47,140	5,567,579	234.10
2551- 2560	4	0.53	111	14.91	637	85.61	107	14.38	51,108	3,993,267	167.91	47,278	5,614,857	236.09
2561- 2570	10	1.34	121	16.26	633	85.08	111	14.91	71,832	4,065,099	170.93	52,562	5,667,419	238.30
2571- 2580	7	0.94	128	17.20	623	83.73	121	16.26	66,943	4,132,042	173.74	55,183	5,722,602	240.62
2581- 2590	1	0.13	129	17.33	616	82.79	128	17.20	69,779	4,201,821	176.67	73,359	5,795,961	243.71
2591- 2600	6	0.80	135	18.14	615	82.66	129	17.33	62,320	4,264,141	179.30	52,930	5,848,891	245.93
2601- 2610	4	0.53	139	18.68	609	81.85	135	18.14	67,760	4,331,901	182.14	63,450	5,912,341	248.60
2611- 2620	4	0.53	143	19.22	605	81.31	139	18.68	57,542	4,389,443	184.56	53,152	5,965,493	250.83
2621- 2630	2	0.26	145	19.48	601	80.77	143	19.22	49,899	4,439,342	186.66	50,669	6,016,162	252.96
2631- 2640	4	0.53	149	20.02	599	80.51	145	19.48	65,885	4,505,227	189.43	61,355	6,077,517	255.54
2641- 2650	1	0.13	150	20.16	595	79.97	149	20.02	50,286	4,555,513	191.55	53,596	6,131,113	257.80
2651- 2660	4	0.53	154	20.69	594	79.83	150	20.16	77,034	4,632,547	194.79	72,374	6,203,487	260.84
2661- 2670	5	0.67	159	21.37	590	79.30	154	20.69	55,981	4,688,528	197.14	48,581	6,252,068	262.88
2671- 2680	5	0.67	164	22.04	585	78.62	159	21.37	80,288	4,768,816	200.52	72,788	6,324,856	265.94
2681- 2690	8	1.07	172	23.11	580	77.95	164	22.04	80,565	4,849,381	203.90	64,925	6,389,781	268.67
2691- 2700	1	0.13	173	23.25	572	76.88	172	23.11	59,306	4,908,687	206.40	62,336	6,452,117	271.30
2701- 2710	4	0.53	177	23.79	571	76.74	173	23.25	62,233	4,970,920	209.01	57,143	6,509,260	273.70
2711- 2720	5	0.67	182	24.46	567	76.20	177	23.79	48,884	5,019,804	211.07	41,004	6,550,264	275.42

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
12-01-81 TO 12-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2721- 2730	5	0.67	187	25.13	562	75.53	182	24.46	57,223	5,077,027	213.48	49,243	6,599,507	277.49
2731- 2740	3	0.40	190	25.53	557	74.86	187	25.13	60,160	5,137,207	216.01	57,560	6,657,067	279.91
2741- 2750	4	0.53	194	26.07	554	74.46	190	25.53	63,139	5,200,346	218.66	57,719	6,714,786	282.34
2751- 2760	5	0.67	199	26.74	550	73.92	194	26.07	74,426	5,274,772	221.79	66,176	6,780,962	285.12
2761- 2770	5	0.67	204	27.41	545	73.25	199	26.74	96,769	5,371,541	225.86	88,419	6,869,381	288.84
2771- 2780	2	0.26	206	27.68	540	72.58	204	27.41	63,839	5,435,380	228.54	63,699	6,933,080	291.52
2781- 2790	3	0.40	209	28.09	538	72.31	206	27.68	114,233	5,549,613	233.35	111,273	7,044,353	296.20
2791- 2800	8	1.07	217	29.16	535	71.90	209	28.09	103,432	5,653,045	237.70	86,462	7,130,815	299.83
2801- 2810	4	0.53	221	29.70	527	70.83	217	29.16	75,770	5,728,815	240.88	69,840	7,200,655	302.77
2811- 2820	5	0.67	226	30.37	523	70.29	221	29.70	106,986	5,835,801	245.38	98,166	7,298,821	306.90
2821- 2830	3	0.40	229	30.77	518	69.62	226	30.37	98,894	5,934,695	249.54	95,614	7,394,435	310.92
2831- 2840	2	0.26	231	31.04	515	69.22	229	30.77	93,614	6,028,309	253.48	93,104	7,487,539	314.83
2841- 2850	5	0.67	236	31.72	513	68.95	231	31.04	85,409	6,113,718	257.07	76,339	7,563,878	318.04
2851- 2860	5	0.67	241	32.39	508	68.27	236	31.72	94,267	6,207,985	261.03	85,097	7,648,975	321.62
2861- 2870	4	0.53	245	32.93	503	67.60	241	32.39	100,288	6,308,273	265.25	93,878	7,742,853	325.57
2871- 2880	2	0.26	247	33.19	499	67.06	245	32.93	83,423	6,391,696	268.76	82,673	7,825,526	329.05
2891- 2900	4	0.53	251	33.73	497	66.80	247	33.19	95,555	6,582,449	276.78	88,985	8,014,659	337.00
2901- 2910	6	0.80	257	34.54	493	66.26	251	33.73	101,690	6,684,139	281.05	89,220	8,103,879	340.75
2911- 2920	6	0.80	263	35.34	487	65.45	257	34.54	110,759	6,794,898	285.71	98,169	8,202,048	344.88
2921- 2930	5	0.67	268	36.02	481	64.65	263	35.34	114,083	6,908,981	290.51	104,293	8,306,341	349.26
2931- 2940	4	0.53	272	36.55	476	63.97	268	36.02	99,808	7,008,789	294.70	92,848	8,399,189	353.17
2941- 2950	2	0.26	274	36.82	472	63.44	272	36.55	76,574	7,085,363	297.92	75,414	8,474,603	356.34
2951- 2960	8	1.07	282	37.90	470	63.17	274	36.82	144,833	7,230,196	304.01	125,933	8,600,536	361.63
2961- 2970	4	0.53	286	38.44	462	62.09	282	37.90	100,831	7,331,027	308.25	93,611	8,694,147	365.57
2971- 2980	3	0.40	289	38.84	458	61.55	286	38.44	110,104	7,441,131	312.88	105,774	8,799,921	370.02
2981- 2990	2	0.26	291	39.11	455	61.15	289	38.84	74,652	7,515,783	316.02	73,242	8,873,163	373.10
2991- 3000	2	0.26	293	39.38	453	60.88	291	39.11	110,843	7,626,626	320.68	109,393	8,982,556	377.70
3001- 3010	1	0.13	294	39.51	451	60.61	293	39.38	93,188	7,719,814	324.60	94,698	9,077,254	381.68
3011- 3020	3	0.40	297	39.91	450	60.48	294	39.51	105,541	7,825,355	329.04	101,011	9,178,265	385.93
3021- 3030	3	0.40	300	40.32	447	60.08	297	39.91	127,045	7,952,400	334.38	122,455	9,300,720	391.07
3031- 3040	10	1.34	310	41.66	444	59.67	300	40.32	142,681	8,095,081	340.38	116,821	9,417,541	395.99
3041- 3050	4	0.53	314	42.20	434	58.33	310	41.66	121,803	8,216,884	345.50	113,983	9,531,524	400.78
3051- 3060	4	0.53	318	42.74	430	57.79	314	42.20	100,838	8,317,722	349.74	92,938	9,624,462	404.69
3061- 3070	4	0.53	322	43.27	426	57.25	318	42.74	116,474	8,434,196	354.64	108,494	9,732,956	409.25
3071- 3080	3	0.40	325	43.68	422	56.72	322	43.27	116,833	8,551,029	359.55	111,843	9,844,799	413.95
3081- 3090	2	0.26	327	43.95	419	56.31	325	43.68	157,370	8,708,399	366.17	155,400	10,000,199	420.49
3091- 3100	5	0.67	332	44.62	417	56.04	327	43.95	142,353	8,850,752	372.15	131,073	10,131,272	426.00
3101- 3110	1	0.13	333	44.75	412	55.37	332	44.62	117,991	8,968,743	377.12	119,011	10,250,283	431.00
3111- 3120	2	0.26	335	45.02	411	55.24	333	44.75	96,579	9,065,322	381.18	94,469	10,344,752	434.97
3121- 3130	4	0.53	339	45.56	409	54.97	335	45.02	96,892	9,162,214	385.25	88,502	10,433,254	438.70
3131- 3140	1	0.13	340	45.69	405	54.43	339	45.56	103,480	9,265,694	389.60	104,400	10,537,654	443.09
3141- 3150	8	1.07	348	46.77	404	54.30	340	45.69	132,124	9,397,818	395.16	111,044	10,648,698	447.76
3151- 3160	4	0.53	352	47.31	396	53.22	348	46.77	100,949	9,498,767	399.40	92,309	10,741,007	451.64
3161- 3170	1	0.13	353	47.44	392	52.68	352	47.31	151,963	9,650,730	405.79	152,723	10,893,730	458.06
3171- 3180	6	0.80	359	48.25	391	52.55	353	47.44	101,617	9,752,347	410.07	86,507	10,980,237	461.70
3181- 3190	5	0.67	364	48.92	385	51.74	359	48.25	114,675	9,867,022	414.89	102,625	11,082,862	466.01
3191- 3200	6	0.80	370	49.73	380	51.07	364	48.92	108,651	9,975,673	419.46	93,311	11,176,173	469.93
3201- 3210	2	0.26	372	50.00	374	50.26	370	49.73	73,741	10,049,414	422.56	71,081	11,247,254	472.92
3211- 3220	6	0.80	378	50.80	372	50.00	372	50.00	109,307	10,158,721	427.15	93,767	11,341,021	476.87
3221- 3230	6	0.80	384	51.61	366	49.19	378	50.80	119,347	10,278,068	432.17	103,687	11,444,708	481.23
3231- 3240	2	0.26	386	51.88	360	48.38	384	51.61	90,574	10,368,642	435.98	87,714	11,532,422	484.91
3241- 3250	5	0.67	391	52.55	358	48.11	386	51.88	77,894	10,446,536	439.25	65,274	11,597,696	487.66
3251- 3260	3	0.40	394	52.95	353	47.44	391	52.55	78,140	10,524,676	442.54	71,920	11,669,616	490.68
3261- 3270	6	0.80	400	53.76	350	47.04	394	52.95	94,681	10,619,357	446.52	73,621	11,748,237	493.99
3271- 3280	4	0.53	404	54.30	344	46.23	400	53.76	85,164	10,704,521	450.10	75,524	11,823,761	497.16

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
12-01-81 TO 12-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3281- 3290	2	0.26	406	54.56	340	45.69	404	54.30	111,728	10,816,249	454.80	108,568	11,932,329	501.73
3291- 3300	4	0.53	410	55.10	338	45.43	406	54.56	62,612	10,878,861	457.43	52,832	11,985,161	503.95
3301- 3310	1	0.13	411	55.24	334	44.89	410	55.10	66,122	10,944,983	460.21	66,162	12,051,323	506.73
3311- 3320	5	0.67	416	55.91	333	44.75	411	55.24	56,374	11,001,357	462.58	43,154	12,094,477	508.55
3321- 3330	3	0.40	419	56.31	328	44.08	416	55.91	56,525	11,057,882	464.96	49,845	12,144,322	510.64
3331- 3340	6	0.80	425	57.12	325	43.68	419	56.31	76,718	11,134,600	468.19	59,988	12,204,310	513.17
3341- 3350	5	0.67	430	57.79	319	42.87	425	57.12	90,328	11,224,928	471.98	76,818	12,281,128	516.40
3351- 3360	1	0.13	431	57.93	314	42.20	430	57.79	36,914	11,261,842	473.54	36,704	12,317,832	517.94
3361- 3370	5	0.67	436	58.60	313	42.06	431	57.93	77,422	11,339,264	476.79	63,752	12,381,584	520.62
3371- 3380	4	0.53	440	59.13	308	41.39	436	58.60	84,384	11,423,648	480.34	73,984	12,455,568	523.73
3381- 3390	8	1.07	448	60.21	304	40.86	440	59.13	60,947	11,484,595	482.90	36,947	12,492,515	525.28
3391- 3400	2	0.26	450	60.48	296	39.78	448	60.21	61,132	11,545,727	485.47	57,312	12,549,827	527.69
3401- 3410	1	0.13	451	60.61	294	39.51	450	60.48	37,444	11,583,171	487.05	36,984	12,586,811	529.25
3411- 3420	5	0.67	456	61.29	293	39.38	451	60.61	58,076	11,641,247	489.49	43,956	12,630,767	531.10
3421- 3430	4	0.53	460	61.82	288	38.70	456	61.29	78,820	11,720,067	492.80	68,020	12,698,787	533.96
3431- 3440	2	0.26	462	62.09	284	38.17	460	61.82	61,831	11,781,898	495.40	57,811	12,756,598	536.39
3441- 3450	2	0.26	464	62.36	282	37.90	462	62.09	55,130	11,837,028	497.72	51,070	12,807,668	538.54
3451- 3460	2	0.26	466	62.63	280	37.63	464	62.36	72,562	11,909,590	500.77	68,462	12,876,130	541.41
3461- 3470	6	0.80	472	63.44	278	37.36	466	62.63	79,696	11,989,286	504.12	61,716	12,937,846	544.01
3471- 3480	6	0.80	478	64.24	272	36.55	472	63.44	72,993	12,062,279	507.19	54,893	12,992,739	546.32
3481- 3490	4	0.53	482	64.78	266	35.75	478	64.24	73,201	12,135,480	510.27	61,941	13,054,680	548.92
3491- 3500	5	0.67	487	65.45	262	35.21	482	64.78	69,917	12,205,397	513.21	55,087	13,109,767	551.24
3501- 3510	3	0.40	490	65.86	257	34.54	487	65.45	56,074	12,261,471	515.57	48,144	13,157,911	553.26
3511- 3520	5	0.67	495	66.53	254	34.13	490	65.86	77,330	12,338,801	518.82	62,320	13,220,231	555.88
3521- 3530	4	0.53	499	67.06	249	33.46	495	66.53	56,434	12,395,235	521.19	44,844	13,265,075	557.77
3531- 3540	1	0.13	500	67.20	245	32.93	499	67.06	56,562	12,451,797	523.57	55,482	13,320,557	560.10
3541- 3550	3	0.40	503	67.60	244	32.79	500	67.20	70,938	12,522,735	526.56	62,758	13,383,315	562.74
3551- 3560	7	0.94	510	68.54	241	32.39	503	67.60	74,661	12,597,396	529.69	52,221	13,435,536	564.94
3561- 3570	8	1.07	518	69.62	234	31.45	510	68.54	74,877	12,672,273	532.84	48,737	13,484,273	566.99
3571- 3580	4	0.53	522	70.16	226	30.37	518	69.62	71,511	12,743,784	535.85	59,491	13,543,764	569.49
3581- 3590	7	0.94	529	71.10	222	29.83	522	70.16	53,794	12,797,578	538.11	30,954	13,574,718	570.79
3591- 3600	6	0.80	535	71.90	215	28.89	529	71.10	82,708	12,880,286	541.59	63,318	13,638,036	573.45
3601- 3610	7	0.94	542	72.84	209	28.09	535	71.90	68,511	12,948,797	544.47	45,401	13,683,437	575.36
3611- 3620	2	0.26	544	73.11	202	27.15	542	72.84	90,376	13,039,173	548.27	85,176	13,768,613	578.94
3621- 3630	7	0.94	551	74.05	200	26.88	544	73.11	72,521	13,111,694	551.32	49,181	13,817,794	581.01
3631- 3640	6	0.80	557	74.86	193	25.94	551	74.05	72,736	13,184,430	554.38	52,886	13,870,680	583.23
3641- 3650	5	0.67	562	75.53	187	25.13	557	74.86	87,479	13,271,909	558.06	71,149	13,941,829	586.23
3651- 3660	5	0.67	567	76.20	182	24.46	562	75.53	54,814	13,326,723	560.36	38,384	13,980,213	587.84
3661- 3670	3	0.40	570	76.61	177	23.79	567	76.20	62,319	13,389,042	562.98	53,109	14,033,322	590.07
3671- 3680	1	0.13	571	76.74	174	23.38	570	76.61	69,799	13,458,841	565.92	67,869	14,101,191	592.93
3681- 3690	3	0.40	574	77.15	173	23.25	571	76.74	47,906	13,506,747	567.93	38,596	14,139,787	594.55
3691- 3700	5	0.67	579	77.82	170	22.84	574	77.15	88,679	13,595,426	571.66	71,929	14,211,716	597.57
3701- 3710	6	0.80	585	78.62	165	22.17	579	77.82	81,519	13,676,945	575.09	60,969	14,272,685	600.14
3711- 3720	3	0.40	588	79.03	159	21.37	585	78.62	85,449	13,762,394	578.68	75,909	14,348,594	603.33
3721- 3730	2	0.26	590	79.30	156	20.96	588	79.03	44,707	13,807,101	580.56	38,827	14,387,421	604.96
3731- 3740	4	0.53	594	79.83	154	20.69	590	79.30	63,524	13,870,625	583.23	50,144	14,437,565	607.07
3741- 3750	6	0.80	600	80.64	150	20.16	594	79.83	56,202	13,926,827	585.59	35,262	14,472,827	608.55
3751- 3760	3	0.40	603	81.04	144	19.35	600	80.64	60,079	13,986,906	588.12	50,269	14,523,096	610.67
3761- 3770	3	0.40	606	81.45	141	18.95	603	81.04	64,024	14,050,930	590.81	54,154	14,577,250	612.94
3771- 3780	5	0.67	611	82.12	138	18.54	606	81.45	75,517	14,126,447	593.99	58,047	14,635,297	615.38
3781- 3790	4	0.53	615	82.66	133	17.87	611	82.12	71,950	14,198,397	597.01	58,160	14,693,457	617.83
3791- 3800	4	0.53	619	83.19	129	17.33	615	82.66	60,724	14,259,121	599.57	46,854	14,740,311	619.80
3801- 3810	4	0.53	623	83.73	125	16.80	619	83.19	87,527	14,346,648	603.25	73,577	14,813,888	622.89
3811- 3820	2	0.26	625	84.00	121	16.26	623	83.73	53,427	14,400,075	605.49	47,017	14,860,905	624.87
3821- 3830	4	0.53	629	84.54	119	15.99	625	84.00	72,692	14,472,767	608.55	58,602	14,919,507	627.34

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
12-01-81 TO 12-31-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3831- 3840	1	0.13	630	84.67	115	15.45	629	84.54	49,888	14,522,655	610.65	47,208	14,966,715	629.32
3841- 3850	3	0.40	633	85.08	114	15.32	630	84.67	46,137	14,568,792	612.59	35,757	15,002,472	630.82
3851- 3860	2	0.26	635	85.34	111	14.91	633	85.08	53,971	14,622,763	614.86	47,381	15,049,853	632.82
3861- 3870	4	0.53	639	85.88	109	14.65	635	85.34	81,192	14,703,955	618.27	66,842	15,116,695	635.63
3871- 3880	7	0.94	646	86.82	105	14.11	639	85.88	42,627	14,746,582	620.06	16,587	15,133,282	636.32
3881- 3890	3	0.40	649	87.23	98	13.17	646	86.82	62,178	14,808,760	622.68	51,518	15,184,800	638.49
3891- 3900	3	0.40	652	87.63	95	12.76	649	87.23	42,840	14,851,600	624.48	32,120	15,216,920	639.84
3901- 3910	7	0.94	659	88.57	92	12.36	652	87.63	74,194	14,925,794	627.60	47,814	15,264,734	641.85
3911- 3920	8	1.07	667	89.65	85	11.42	659	88.57	97,867	15,023,661	631.72	67,437	15,332,171	644.69
3921- 3930	4	0.53	671	90.18	77	10.34	667	89.65	54,955	15,078,616	634.03	40,045	15,372,216	646.37
3931- 3940	6	0.80	677	90.99	73	9.81	671	90.18	70,838	15,149,454	637.00	47,988	15,420,204	648.39
3941- 3950	4	0.53	681	91.53	67	9.00	677	90.99	59,190	15,208,644	639.49	44,100	15,464,304	650.24
3951- 3960	2	0.26	683	91.80	63	8.46	681	91.53	35,599	15,244,243	640.99	28,329	15,492,633	651.43
3961- 3970	7	0.94	690	92.74	61	8.19	683	91.80	55,522	15,299,765	643.32	28,412	15,521,045	652.63
3971- 3980	2	0.26	692	93.01	54	7.25	690	92.74	59,644	15,359,409	645.83	52,244	15,573,289	654.83
3981- 3990	2	0.26	694	93.27	52	6.98	692	93.01	39,861	15,399,270	647.51	32,421	15,605,710	656.19
3991- 4000	4	0.53	698	93.81	50	6.72	694	93.27	59,919	15,459,189	650.03	44,459	15,650,169	658.06
4001- 4010	3	0.40	701	94.22	46	6.18	698	93.81	44,063	15,503,252	651.88	32,523	15,682,692	659.43
4011- 4020	2	0.26	703	94.48	43	5.77	701	94.22	24,099	15,527,351	652.89	16,509	15,699,201	660.12
4021- 4030	3	0.40	706	94.89	41	5.51	703	94.48	28,183	15,555,534	654.08	16,533	15,715,734	660.82
4031- 4040	2	0.26	708	95.16	38	5.10	706	94.89	48,422	15,603,956	656.12	40,742	15,756,476	662.53
4041- 4050	2	0.26	710	95.43	36	4.83	708	95.16	52,602	15,656,558	658.33	44,882	15,801,358	664.42
4051- 4060	4	0.53	714	95.96	34	4.56	710	95.43	32,446	15,689,004	659.69	16,586	15,817,944	665.11
4061- 4070	1	0.13	715	96.10	30	4.03	714	95.96	48,787	15,737,791	661.74	45,027	15,862,971	667.01
4071- 4080	4	0.53	719	96.63	29	3.89	715	96.10	36,675	15,774,466	663.29	20,685	15,883,656	667.88
4081- 4090	2	0.26	721	96.90	25	3.36	719	96.63	16,332	15,790,798	663.97	8,422	15,892,078	668.23
4091- 4100	1	0.13	722	97.04	23	3.09	721	96.90	28,669	15,819,467	665.18	24,809	15,916,887	669.27
4101- 4110	3	0.40	725	97.44	22	2.95	722	97.04	36,958	15,856,425	666.73	24,878	15,941,765	670.32
4111- 4120	1	0.13	726	97.58	19	2.55	725	97.44	41,158	15,897,583	668.46	37,238	15,979,003	671.89
4121- 4130	1	0.13	727	97.71	18	2.41	726	97.58	41,250	15,938,833	670.20	37,310	16,016,313	673.45
4131- 4140	3	0.40	730	98.11	17	2.28	727	97.71	49,629	15,988,462	672.28	37,409	16,053,722	675.03
4141- 4150	2	0.26	732	98.38	14	1.88	730	98.11	33,170	16,021,632	673.68	25,030	16,078,752	676.08
4151- 4160	3	0.40	735	98.79	12	1.61	732	98.38	29,073	16,050,705	674.90	16,743	16,095,495	676.78
4171- 4180	2	0.26	737	99.05	9	1.20	735	98.79	29,241	16,109,105	677.36	20,991	16,145,735	678.90
4221- 4230	1	0.13	738	99.19	7	0.94	737	99.05	16,900	16,243,632	683.01	12,750	16,276,392	684.39
4231- 4240	1	0.13	739	99.32	6	0.80	738	99.19	29,665	16,273,297	684.26	25,495	16,301,887	685.46
4241- 4250	2	0.26	741	99.59	5	0.67	739	99.32	50,950	16,324,247	686.40	42,520	16,344,407	687.25
4251- 4260	1	0.13	742	99.73	3	0.40	741	99.59	42,550	16,366,797	688.19	38,330	16,382,737	688.86
4361- 4370	1	0.13	743	99.86	2	0.26	742	99.73	17,469	16,573,915	696.90	13,129	16,585,715	697.40
4401- 4410	1	0.13	744	100.00	1	0.13	743	99.86	22,027	16,631,025	699.30	17,637	16,638,465	699.61

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 2,378,215

PEAK MWH OF 4407 OCCURRED ON 12-21-81 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
01-01-82 TO 01-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2121- 2130	2	0.26	2	0.26	744	100.00	0	0.00	4,247	4,247	0.15	7,447	1,584,727	59.01
2131- 2140	1	0.13	3	0.40	742	99.73	2	0.26	2,136	6,383	0.23	7,426	1,592,153	59.29
2191- 2200	1	0.13	4	0.53	741	99.59	3	0.40	2,192	8,575	0.31	7,412	1,636,615	60.94
2201- 2210	1	0.13	5	0.67	740	99.46	4	0.53	2,204	10,779	0.40	7,404	1,644,019	61.22
2261- 2270	1	0.13	6	0.80	739	99.32	5	0.67	2,270	13,049	0.48	7,400	1,688,369	62.87
2281- 2290	1	0.13	7	0.94	738	99.19	6	0.80	2,287	15,336	0.57	7,387	1,703,136	63.42
2301- 2310	3	0.40	10	1.34	737	99.05	7	0.94	6,910	22,246	0.82	7,380	1,717,886	63.97
2321- 2330	1	0.13	11	1.47	734	98.65	10	1.34	2,322	24,568	0.91	7,342	1,732,568	64.52
2351- 2360	3	0.40	14	1.88	733	98.52	11	1.47	7,065	31,633	1.17	7,345	1,754,573	65.34
2361- 2370	4	0.53	18	2.41	730	98.11	14	1.88	9,463	41,096	1.53	7,323	1,761,896	65.61
2371- 2380	2	0.26	20	2.68	726	97.58	18	2.41	4,746	45,842	1.70	7,266	1,769,162	65.88
2381- 2390	2	0.26	22	2.95	724	97.31	20	2.68	4,769	50,611	1.88	7,249	1,776,411	66.15
2391- 2400	4	0.53	26	3.49	722	97.04	22	2.95	9,591	60,202	2.24	7,251	1,783,662	66.42
2421- 2430	2	0.26	28	3.76	718	96.50	26	3.49	4,848	65,050	2.42	7,188	1,805,210	67.22
2431- 2440	2	0.26	30	4.03	716	96.23	28	3.76	4,877	69,927	2.60	7,177	1,812,387	67.49
2451- 2460	1	0.13	31	4.16	714	95.96	30	4.03	2,455	72,382	2.69	7,145	1,826,672	68.02
2471- 2480	3	0.40	34	4.56	713	95.83	31	4.16	7,427	79,809	2.97	7,147	1,840,949	68.55
2481- 2490	1	0.13	35	4.70	710	95.43	34	4.56	2,487	82,296	3.06	7,107	1,848,056	68.82
2491- 2500	4	0.53	39	5.24	709	95.29	35	4.70	9,983	92,279	3.43	7,113	1,855,169	69.08
2501- 2510	1	0.13	40	5.37	705	94.75	39	5.24	2,508	94,787	3.52	7,058	1,862,227	69.34
2511- 2520	1	0.13	41	5.51	704	94.62	40	5.37	2,514	97,301	3.62	7,044	1,869,271	69.61
2531- 2540	1	0.13	42	5.64	703	94.48	41	5.51	2,536	99,837	3.71	7,036	1,883,337	70.13
2541- 2550	1	0.13	43	5.77	702	94.35	42	5.64	2,546	102,383	3.81	7,026	1,890,363	70.39
2551- 2560	3	0.40	46	6.18	701	94.22	43	5.77	7,672	110,055	4.09	7,032	1,897,395	70.65
2561- 2570	1	0.13	47	6.31	698	93.81	46	6.18	2,561	112,616	4.19	6,981	1,904,376	70.91
2581- 2590	2	0.26	49	6.58	697	93.68	47	6.31	5,169	117,785	4.38	6,979	1,918,325	71.43
2601- 2610	6	0.80	55	7.39	695	93.41	49	6.58	15,636	133,421	4.96	6,986	1,932,261	71.95
2621- 2630	1	0.13	56	7.52	689	92.60	55	7.39	2,628	136,049	5.06	6,898	1,946,049	72.47
2631- 2640	2	0.26	58	7.79	688	92.47	56	7.52	5,271	141,320	5.26	6,891	1,952,940	72.72
2651- 2660	2	0.26	60	8.06	686	92.20	58	7.79	5,314	146,634	5.46	6,874	1,966,674	73.23
2661- 2670	1	0.13	61	8.19	684	91.93	60	8.06	2,664	149,298	5.55	6,844	1,973,518	73.49
2671- 2680	3	0.40	64	8.60	683	91.80	61	8.19	8,020	157,318	5.85	6,840	1,980,358	73.74
2681- 2690	2	0.26	66	8.87	680	91.39	64	8.60	5,367	162,685	6.05	6,807	1,987,165	74.00
2691- 2700	1	0.13	67	9.00	678	91.12	66	8.87	2,691	165,376	6.15	6,781	1,993,946	74.25
2701- 2710	1	0.13	68	9.13	677	90.99	67	9.00	2,709	168,085	6.25	6,779	2,000,725	74.50
2721- 2730	2	0.26	70	9.40	676	90.86	68	9.13	5,450	173,535	6.46	6,770	2,014,255	75.01
2731- 2740	1	0.13	71	9.54	674	90.59	70	9.40	2,740	176,275	6.56	6,750	2,021,005	75.26
2741- 2750	4	0.53	75	10.08	673	90.45	71	9.54	10,980	187,255	6.97	6,750	2,027,755	75.51
2751- 2760	4	0.53	79	10.61	669	89.91	75	10.08	11,030	198,285	7.38	6,720	2,034,475	75.76
2761- 2770	4	0.53	83	11.15	665	89.38	79	10.61	11,061	209,346	7.79	6,671	2,041,146	76.01
2771- 2780	6	0.80	89	11.96	661	88.84	83	11.15	16,645	225,991	8.41	6,635	2,047,781	76.25
2781- 2790	2	0.26	91	12.23	655	88.03	89	11.96	5,569	231,560	8.62	6,559	2,054,340	76.50
2791- 2800	3	0.40	94	12.63	653	87.76	91	12.23	8,379	239,939	8.93	6,539	2,060,879	76.74
2801- 2810	2	0.26	96	12.90	650	87.36	94	12.63	5,610	245,549	9.14	6,510	2,067,389	76.98
2811- 2820	1	0.13	97	13.03	648	87.09	96	12.90	2,814	248,363	9.24	6,484	2,073,873	77.23
2821- 2830	1	0.13	98	13.17	647	86.96	97	13.03	2,827	251,190	9.35	6,477	2,080,350	77.47
2831- 2840	1	0.13	99	13.30	646	86.82	98	13.17	2,831	254,021	9.45	6,461	2,086,811	77.71
2841- 2850	1	0.13	100	13.44	645	86.69	99	13.30	2,846	256,867	9.56	6,456	2,093,267	77.95
2851- 2860	1	0.13	101	13.57	644	86.55	100	13.44	2,854	259,721	9.67	6,444	2,099,711	78.19
2861- 2870	5	0.67	106	14.24	643	86.42	101	13.57	14,328	274,049	10.20	6,458	2,106,169	78.43
2871- 2880	2	0.26	108	14.51	638	85.75	106	14.24	5,752	279,801	10.41	6,392	2,112,561	78.67
2881- 2890	1	0.13	109	14.65	636	85.48	108	14.51	2,888	282,689	10.52	6,368	2,118,929	78.90
2891- 2900	3	0.40	112	15.05	635	85.34	109	14.65	8,686	291,375	10.85	6,366	2,125,295	79.14
2901- 2910	3	0.40	115	15.45	632	84.94	112	15.05	8,716	300,091	11.17	6,336	2,131,631	79.38

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
01-01-82 TO 01-31-82

DATE 09/22/82
PAGE NO. 2

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2911- 2920	3	0.40	118	15.86	629	84.54	115	15.45	8,741	308,832	11.50	6,301	2,137,932	79.61
2921- 2930	1	0.13	119	15.99	626	84.13	118	15.86	2,930	311,762	11.60	6,270	2,144,202	79.84
2941- 2950	5	0.67	124	16.66	625	84.00	119	15.99	14,720	326,482	12.15	6,270	2,156,722	80.31
2961- 2970	1	0.13	125	16.80	620	83.33	124	16.66	2,966	329,448	12.26	6,206	2,169,128	80.77
2971- 2980	5	0.67	130	17.47	619	83.19	125	16.80	14,864	344,312	12.82	6,204	2,175,332	81.00
2981- 2990	1	0.13	131	17.60	614	82.52	130	17.47	2,989	347,301	12.93	6,149	2,181,481	81.23
2991- 3000	4	0.53	135	18.14	613	82.39	131	17.60	11,975	359,276	13.37	6,145	2,187,626	81.46
3001- 3010	3	0.40	138	18.54	609	81.85	135	18.14	9,015	368,291	13.71	6,105	2,193,731	81.69
3011- 3020	7	0.94	145	19.48	606	81.45	138	18.54	21,116	389,407	14.50	6,106	2,199,837	81.92
3021- 3030	6	0.80	151	20.29	599	80.51	145	19.48	18,148	407,555	15.17	6,018	2,205,855	82.14
3031- 3040	4	0.53	155	20.83	593	79.70	151	20.29	12,145	419,700	15.62	5,955	2,211,810	82.36
3041- 3050	6	0.80	161	21.63	589	79.16	155	20.83	18,273	437,973	16.31	5,923	2,217,733	82.58
3051- 3060	1	0.13	162	21.77	583	78.36	161	21.63	3,060	441,033	16.42	5,840	2,223,573	82.80
3061- 3070	6	0.80	168	22.58	582	78.22	162	21.77	18,376	459,409	17.10	5,836	2,229,409	83.02
3071- 3080	8	1.07	176	23.65	576	77.41	168	22.58	24,598	484,007	18.02	5,798	2,235,207	83.23
3081- 3090	4	0.53	180	24.19	568	76.34	176	23.65	12,338	496,345	18.48	5,698	2,240,905	83.45
3091- 3100	2	0.26	182	24.46	564	75.80	180	24.19	6,183	502,528	18.71	5,643	2,246,548	83.66
3101- 3110	1	0.13	183	24.59	562	75.53	182	24.46	3,108	505,636	18.82	5,628	2,252,176	83.87
3111- 3120	1	0.13	184	24.73	561	75.40	183	24.59	3,111	508,747	18.94	5,611	2,257,787	84.07
3121- 3130	4	0.53	188	25.26	560	75.26	184	24.73	12,501	521,248	19.41	5,621	2,263,408	84.28
3131- 3140	3	0.40	191	25.67	556	74.73	188	25.26	9,407	530,655	19.76	5,577	2,268,985	84.49
3141- 3150	2	0.26	193	25.94	553	74.32	191	25.67	6,287	536,942	19.99	5,537	2,274,522	84.70
3151- 3160	3	0.40	196	26.34	551	74.05	193	25.94	9,477	546,419	20.34	5,537	2,280,059	84.90
3161- 3170	8	1.07	204	27.41	548	73.65	196	26.34	25,327	571,746	21.29	5,527	2,285,586	85.11
3171- 3180	5	0.67	209	28.09	540	72.58	204	27.41	15,878	587,624	21.88	5,428	2,291,014	85.31
3181- 3190	3	0.40	212	28.49	535	71.90	209	28.09	9,555	597,179	22.23	5,365	2,296,379	85.51
3191- 3200	3	0.40	215	28.89	532	71.50	212	28.49	9,587	606,766	22.59	5,337	2,301,716	85.71
3201- 3210	2	0.26	217	29.16	529	71.10	215	28.89	6,415	613,181	22.83	5,305	2,307,021	85.91
3211- 3220	5	0.67	222	29.83	527	70.83	217	29.16	16,080	629,261	23.43	5,300	2,312,321	86.11
3221- 3230	4	0.53	226	30.37	522	70.16	222	29.83	12,896	642,157	23.91	5,236	2,317,557	86.30
3231- 3240	4	0.53	230	30.91	518	69.62	226	30.37	12,938	655,095	24.39	5,198	2,322,755	86.49
3241- 3250	6	0.80	236	31.72	514	69.08	230	30.91	19,476	674,571	25.12	5,176	2,327,931	86.69
3251- 3260	2	0.26	238	31.98	508	68.27	236	31.72	6,516	681,087	25.36	5,096	2,333,027	86.88
3261- 3270	3	0.40	241	32.39	506	68.01	238	31.98	9,790	690,877	25.72	5,070	2,338,097	87.07
3271- 3280	2	0.26	243	32.66	503	67.60	241	32.39	6,555	697,432	25.97	5,045	2,343,142	87.25
3281- 3290	5	0.67	248	33.33	501	67.33	243	32.66	16,431	713,863	26.58	5,041	2,348,183	87.44
3291- 3300	2	0.26	250	33.60	496	66.66	248	33.33	6,589	720,452	26.82	4,969	2,353,152	87.63
3301- 3310	3	0.40	253	34.00	494	66.39	250	33.60	9,914	730,366	27.19	4,954	2,358,106	87.81
3311- 3320	5	0.67	258	34.67	491	65.99	253	34.00	16,578	746,944	27.81	4,938	2,363,044	87.99
3321- 3330	2	0.26	260	34.94	486	65.32	258	34.67	6,651	753,595	28.05	4,871	2,367,915	88.18
3331- 3340	2	0.26	262	35.21	484	65.05	260	34.94	6,666	760,261	28.31	4,846	2,372,761	88.36
3341- 3350	7	0.94	269	36.15	482	64.78	262	35.21	23,428	783,689	29.18	4,868	2,377,629	88.54
3351- 3360	1	0.13	270	36.29	475	63.84	269	36.15	3,359	787,048	29.30	4,759	2,382,388	88.71
3361- 3370	3	0.40	273	36.69	474	63.70	270	36.29	10,100	797,148	29.68	4,760	2,387,148	88.89
3371- 3380	4	0.53	277	37.23	471	63.30	273	36.69	13,505	810,653	30.18	4,735	2,391,883	89.07
3381- 3390	1	0.13	278	37.36	467	62.76	277	37.23	3,386	814,039	30.31	4,676	2,396,559	89.24
3391- 3400	5	0.67	283	38.03	466	62.63	278	37.36	16,981	831,020	30.94	4,691	2,401,250	89.42
3401- 3410	2	0.26	285	38.30	461	61.96	283	38.03	6,807	837,827	31.20	4,617	2,405,867	89.59
3411- 3420	2	0.26	287	38.57	459	61.69	285	38.30	6,831	844,658	31.45	4,601	2,410,468	89.76
3421- 3430	5	0.67	292	39.24	457	61.42	287	38.57	17,139	861,797	32.09	4,609	2,415,077	89.93
3431- 3440	1	0.13	293	39.38	452	60.75	292	39.24	3,439	865,236	32.22	4,529	2,419,606	90.10
3441- 3450	3	0.40	296	39.78	451	60.61	293	39.38	10,340	875,576	32.60	4,530	2,424,136	90.27
3451- 3460	4	0.53	300	40.32	448	60.21	296	39.78	13,821	889,397	33.12	4,501	2,428,637	90.44
3461- 3470	4	0.53	304	40.86	444	59.67	300	40.32	13,856	903,253	33.63	4,456	2,433,093	90.60
3471- 3480	1	0.13	305	40.99	440	59.13	304	40.86	3,473	906,726	33.76	4,403	2,437,496	90.77

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PL COMPANY HOURLY LOAD OCCURRENCES
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3481- 3490	4	0.53	309	41.53	439	59.00	305	40.99	13,947	920,673	34.28	4,417	2,441,913	90.93
3491- 3500	2	0.26	311	41.80	435	58.46	309	41.53	6,992	927,665	34.54	4,362	2,446,275	91.09
3501- 3510	3	0.40	314	42.20	433	58.19	311	41.80	10,516	938,181	34.93	4,346	2,450,621	91.26
3511- 3520	3	0.40	317	42.60	430	57.79	314	42.20	10,541	948,722	35.33	4,311	2,454,932	91.42
3521- 3530	1	0.13	318	42.74	427	57.39	317	42.60	3,527	952,249	35.46	4,277	2,459,209	91.58
3531- 3540	2	0.26	320	43.01	426	57.25	318	42.74	7,069	959,318	35.72	4,269	2,463,478	91.73
3541- 3550	4	0.53	324	43.54	424	56.98	320	43.01	14,189	973,507	36.25	4,269	2,467,747	91.89
3551- 3560	3	0.40	327	43.95	420	56.45	324	43.54	10,663	984,170	36.65	4,213	2,471,960	92.05
3561- 3570	6	0.80	333	44.75	417	56.04	327	43.95	21,390	1,005,560	37.44	4,200	2,476,160	92.21
3571- 3580	6	0.80	339	45.56	411	55.24	333	44.75	21,445	1,027,005	38.24	4,135	2,480,295	92.36
3581- 3590	1	0.13	340	45.69	405	54.43	339	45.56	3,583	1,030,588	38.37	4,053	2,484,348	92.51
3591- 3600	4	0.53	344	46.23	404	54.30	340	45.69	14,385	1,044,973	38.91	4,065	2,488,413	92.66
3601- 3610	4	0.53	348	46.77	400	53.76	344	46.23	14,415	1,059,388	39.45	4,015	2,492,428	92.81
3611- 3620	8	1.07	356	47.84	396	53.22	348	46.77	28,921	1,088,309	40.52	4,001	2,496,429	92.96
3621- 3630	5	0.67	361	48.52	388	52.15	356	47.84	18,129	1,106,438	41.20	3,909	2,500,338	93.11
3631- 3640	5	0.67	366	49.19	383	51.47	361	48.52	21,826	1,128,264	42.01	7,506	2,507,844	93.39
3641- 3650	3	0.40	369	49.59	378	50.80	366	49.19	14,574	1,142,838	42.55	7,434	2,515,278	93.66
3651- 3660	6	0.80	375	50.40	375	50.40	369	49.59	21,926	1,164,764	43.37	3,776	2,519,054	93.80
3661- 3670	4	0.53	379	50.94	369	49.59	375	50.40	14,668	1,179,432	43.92	3,718	2,522,772	93.94
3671- 3680	6	0.80	385	51.74	365	49.05	379	50.94	25,723	1,205,155	44.87	7,353	2,530,125	94.22
3681- 3690	4	0.53	389	52.28	359	48.25	385	51.74	14,744	1,219,899	45.42	3,614	2,533,739	94.35
3691- 3700	7	0.94	396	53.22	355	47.71	389	52.28	29,576	1,249,475	46.53	7,296	2,541,035	94.62
3701- 3710	2	0.26	398	53.49	348	46.77	396	53.22	7,417	1,256,892	46.80	3,497	2,544,532	94.75
3711- 3720	7	0.94	405	54.43	346	46.50	398	53.49	29,725	1,286,617	47.91	7,215	2,551,747	95.02
3721- 3730	6	0.80	411	55.24	339	45.56	405	54.43	22,345	1,308,962	48.74	3,415	2,555,162	95.15
3731- 3740	4	0.53	415	55.77	333	44.75	411	55.24	14,945	1,323,907	49.30	3,355	2,558,517	95.27
3741- 3750	2	0.26	417	56.04	329	44.22	415	55.77	7,494	1,331,401	49.58	3,304	2,561,821	95.40
3751- 3760	6	0.80	423	56.85	327	43.95	417	56.04	22,518	1,353,919	50.41	3,288	2,565,109	95.52
3761- 3770	5	0.67	428	57.52	321	43.14	423	56.85	18,825	1,372,744	51.12	3,235	2,568,344	95.64
3771- 3780	4	0.53	432	58.06	316	42.47	428	57.52	15,104	1,387,848	51.68	3,184	2,571,528	95.76
3781- 3790	8	1.07	440	59.13	312	41.93	432	58.06	30,288	1,418,136	52.81	3,168	2,574,696	95.88
3791- 3800	5	0.67	445	59.81	304	40.86	440	59.13	18,976	1,437,112	53.51	3,066	2,577,762	95.99
3801- 3810	6	0.80	451	60.61	299	40.18	445	59.81	22,826	1,459,938	54.36	3,016	2,580,778	96.10
3811- 3820	5	0.67	456	61.29	293	39.38	451	60.61	19,075	1,479,013	55.07	2,955	2,583,733	96.21
3821- 3830	4	0.53	460	61.82	288	38.70	456	61.29	15,306	1,494,319	55.64	2,906	2,586,639	96.32
3841- 3850	2	0.26	462	62.09	284	38.17	460	61.82	7,686	1,502,005	55.93	2,846	2,592,325	96.53
3851- 3860	4	0.53	466	62.63	282	37.90	462	62.09	15,422	1,517,427	56.50	2,842	2,595,167	96.64
3861- 3870	7	0.94	473	63.57	278	37.36	466	62.63	27,063	1,544,490	57.51	2,823	2,597,990	96.74
3881- 3890	4	0.53	477	64.11	271	36.42	473	63.57	15,546	1,560,036	58.09	2,736	2,603,436	96.95
3891- 3900	4	0.53	481	64.65	267	35.88	477	64.11	15,585	1,575,621	58.67	2,695	2,606,131	97.05
3901- 3910	8	1.07	489	65.72	263	35.34	481	64.65	39,058	1,614,679	60.13	10,488	2,616,619	97.44
3911- 3920	10	1.34	499	67.06	255	34.27	489	65.72	39,146	1,653,825	61.58	2,596	2,619,215	97.53
3921- 3930	3	0.40	502	67.47	245	32.93	499	67.06	11,779	1,665,604	62.02	2,469	2,621,684	97.63
3931- 3940	2	0.26	504	67.74	242	32.52	502	67.47	7,873	1,673,477	62.32	2,433	2,624,117	97.72
3941- 3950	3	0.40	507	68.14	240	32.25	504	67.74	11,839	1,685,316	62.76	2,419	2,626,536	97.81
3961- 3970	5	0.67	512	68.81	237	31.85	507	68.14	19,832	1,705,148	63.49	2,402	2,631,308	97.98
3971- 3980	5	0.67	517	69.48	232	31.18	512	68.81	19,880	1,725,028	64.23	2,350	2,633,658	98.07
3981- 3990	2	0.26	519	69.75	227	30.51	517	69.48	7,975	1,733,003	64.53	2,285	2,635,943	98.16
3991- 4000	5	0.67	524	70.43	225	30.24	519	69.75	19,978	1,752,981	65.28	2,278	2,638,221	98.24
4001- 4010	4	0.53	528	70.96	220	29.56	524	70.43	16,023	1,769,004	65.87	2,223	2,640,444	98.32
4011- 4020	1	0.13	529	71.10	216	29.03	528	70.96	4,015	1,773,019	66.02	2,165	2,642,609	98.41
4021- 4030	1	0.13	530	71.23	215	28.89	529	71.10	4,030	1,777,049	66.17	2,160	2,644,769	98.49
4031- 4040	4	0.53	534	71.77	214	28.76	530	71.23	16,140	1,793,189	66.77	2,160	2,646,929	98.57
4041- 4050	3	0.40	537	72.17	210	28.22	534	71.77	12,140	1,805,329	67.23	2,120	2,649,049	98.65
4061- 4070	6	0.80	543	72.98	207	27.82	537	72.17	24,398	1,829,727	68.13	2,108	2,653,227	98.80

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
01-01-82 TO 01-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
4071- 4080	3	0.40	546	73.38	201	27.01	543	72.98	12,229	1,841,956	68.59	2,029	2,655,256	98.88
4081- 4090	2	0.26	548	73.65	198	26.61	546	73.38	8,164	1,850,120	68.89	1,984	2,657,240	98.95
4091- 4100	6	0.80	554	74.46	196	26.34	548	73.65	24,576	1,874,696	69.81	1,996	2,659,236	99.02
4101- 4110	5	0.67	559	75.13	190	25.53	554	74.46	20,538	1,895,234	70.57	1,938	2,661,174	99.10
4111- 4120	4	0.53	563	75.67	185	24.86	559	75.13	16,460	1,911,694	71.19	1,870	2,663,044	99.17
4121- 4130	5	0.67	568	76.34	181	24.32	563	75.67	20,629	1,932,323	71.95	1,839	2,664,883	99.24
4131- 4140	4	0.53	572	76.88	176	23.65	568	76.34	16,544	1,948,867	72.57	1,784	2,666,667	99.30
4141- 4150	4	0.53	576	77.41	172	23.11	572	76.88	16,588	1,965,455	73.19	1,748	2,668,415	99.37
4151- 4160	2	0.26	578	77.68	168	22.58	576	77.41	8,307	1,973,762	73.50	1,687	2,670,102	99.43
4161- 4170	3	0.40	581	78.09	166	22.31	578	77.68	12,490	1,986,252	73.96	1,670	2,671,772	99.49
4171- 4180	4	0.53	585	78.62	163	21.90	581	78.09	16,717	2,002,969	74.59	1,667	2,673,439	99.55
4181- 4190	5	0.67	590	79.30	159	21.37	585	78.62	20,931	2,023,900	75.36	1,621	2,675,060	99.61
4191- 4200	4	0.53	594	79.83	154	20.69	590	79.30	20,978	2,044,878	76.15	5,758	2,680,818	99.83
4201- 4210	5	0.67	599	80.51	150	20.16	594	79.83	21,023	2,065,901	76.93	1,523	2,682,341	99.89
4211- 4220	6	0.80	605	81.31	145	19.48	599	80.51	25,291	2,091,192	77.87	1,481	2,683,822	99.94
4221- 4230	2	0.26	607	81.58	139	18.68	605	81.31	8,447	2,099,639	78.19	1,397	2,685,219	99.99
4231- 4240	3	0.40	610	81.98	137	18.41	607	81.58	12,714	2,112,353	78.66	1,394	2,686,613	100.04
4241- 4250	8	1.07	618	83.06	134	18.01	610	81.98	33,965	2,146,318	79.92	1,385	2,687,998	100.10
4251- 4260	7	0.94	625	84.00	126	16.93	618	83.06	29,785	2,176,103	81.03	1,295	2,689,293	100.14
4261- 4270	5	0.67	630	84.67	119	15.99	625	84.00	21,328	2,197,431	81.83	1,218	2,690,511	100.19
4271- 4280	1	0.13	631	84.81	114	15.32	630	84.67	4,272	2,201,703	81.99	1,142	2,691,653	100.23
4281- 4290	4	0.53	635	85.34	113	15.18	631	84.81	17,142	2,218,845	82.62	1,152	2,692,805	100.27
4291- 4300	2	0.26	637	85.61	109	14.65	635	85.34	8,597	2,227,442	82.94	1,107	2,693,912	100.32
4301- 4310	4	0.53	641	86.15	107	14.38	637	85.61	17,221	2,244,663	83.59	1,091	2,695,003	100.36
4311- 4320	6	0.80	647	86.96	103	13.84	641	86.15	25,902	2,270,565	84.55	1,072	2,696,075	100.40
4321- 4330	5	0.67	652	87.63	97	13.03	647	86.96	21,627	2,292,192	85.36	997	2,697,072	100.43
4341- 4350	6	0.80	658	88.44	92	12.36	652	87.63	26,079	2,318,271	86.33	959	2,698,951	100.50
4351- 4360	4	0.53	662	88.97	86	11.55	658	88.44	17,414	2,335,685	86.98	874	2,699,825	100.54
4361- 4370	3	0.40	665	89.38	82	11.02	662	88.97	13,104	2,348,789	87.46	844	2,700,669	100.57
4371- 4380	3	0.40	668	89.78	79	10.61	665	89.38	13,120	2,361,909	87.95	800	2,701,469	100.60
4381- 4390	2	0.26	670	90.05	76	10.21	668	89.78	8,768	2,370,677	88.28	768	2,702,237	100.63
4391- 4400	3	0.40	673	90.45	74	9.94	670	90.05	17,595	2,388,272	88.93	5,165	2,707,402	100.82
4401- 4410	4	0.53	677	90.99	71	9.54	673	90.45	17,620	2,405,892	89.59	730	2,708,132	100.85
4411- 4420	1	0.13	678	91.12	67	9.00	677	90.99	4,415	2,410,307	89.75	675	2,708,807	100.87
4421- 4430	5	0.67	683	91.80	66	8.87	678	91.12	22,136	2,432,443	90.58	696	2,709,503	100.90
4431- 4440	2	0.26	685	92.06	61	8.19	683	91.80	8,878	2,441,321	90.91	628	2,710,131	100.92
4451- 4460	1	0.13	686	92.20	59	7.93	685	92.06	4,454	2,445,775	91.08	594	2,711,315	100.96
4481- 4490	1	0.13	687	92.33	58	7.79	686	92.20	4,481	2,450,256	91.24	581	2,713,056	101.03
4491- 4500	2	0.26	689	92.60	57	7.66	687	92.33	8,987	2,459,243	91.58	577	2,713,633	101.05
4501- 4510	4	0.53	693	93.14	55	7.39	689	92.60	22,532	2,481,775	92.42	5,082	2,718,715	101.24
4511- 4520	4	0.53	697	93.68	51	6.85	693	93.14	18,054	2,499,829	93.09	524	2,719,239	101.26
4521- 4530	1	0.13	698	93.81	47	6.31	697	93.68	4,522	2,504,351	93.26	472	2,719,711	101.28
4531- 4540	3	0.40	701	94.22	46	6.18	698	93.81	13,610	2,517,961	93.76	480	2,720,191	101.29
4541- 4550	4	0.53	705	94.75	43	5.77	701	94.22	18,183	2,536,144	94.44	453	2,720,644	101.31
4561- 4570	2	0.26	707	95.02	39	5.24	705	94.75	9,126	2,545,270	94.78	396	2,721,430	101.34
4571- 4580	1	0.13	708	95.16	37	4.97	707	95.02	4,576	2,549,846	94.95	376	2,721,806	101.35
4581- 4590	1	0.13	709	95.29	36	4.83	708	95.16	4,583	2,554,429	95.12	363	2,722,169	101.37
4601- 4610	1	0.13	710	95.43	35	4.70	709	95.29	4,607	2,559,036	95.29	357	2,722,876	101.39
4611- 4620	1	0.13	711	95.56	34	4.56	710	95.43	4,611	2,563,647	95.46	341	2,723,217	101.41
4621- 4630	1	0.13	712	95.69	33	4.43	711	95.56	4,623	2,568,270	95.64	333	2,723,550	101.42
4631- 4640	1	0.13	713	95.83	32	4.30	712	95.69	4,636	2,572,906	95.81	326	2,723,876	101.43
4651- 4660	3	0.40	716	96.23	31	4.16	713	95.83	13,974	2,586,880	96.33	334	2,724,520	101.46
4681- 4690	1	0.13	717	96.37	28	3.76	716	96.23	4,688	2,591,568	96.50	288	2,725,368	101.49
4691- 4700	1	0.13	718	96.50	27	3.62	717	96.37	4,697	2,596,265	96.68	277	2,725,645	101.50
4701- 4710	1	0.13	719	96.63	26	3.49	718	96.50	4,706	2,600,971	96.85	266	2,725,911	101.51

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
01-01-82 TO 01-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
4741- 4750	1	0.13	720	96.77	25	3.36	719	96.63	4,743	2,605,714	97.03	253	2,726,914	101.55
4751- 4760	2	0.26	722	97.04	24	3.22	720	96.77	14,268	2,619,982	97.56	5,008	2,731,922	101.73
4781- 4790	1	0.13	723	97.17	22	2.95	722	97.04	9,576	2,629,558	97.92	5,016	2,737,370	101.93
4791- 4800	1	0.13	724	97.31	21	2.82	723	97.17	4,795	2,634,353	98.10	215	2,737,593	101.94
4801- 4810	2	0.26	726	97.58	20	2.68	724	97.31	9,611	2,643,964	98.46	211	2,737,804	101.95
4861- 4870	1	0.13	727	97.71	18	2.41	726	97.58	4,869	2,648,833	98.64	189	2,738,893	101.99
4871- 4880	1	0.13	728	97.84	17	2.28	727	97.71	9,742	2,658,575	99.00	5,042	2,743,935	102.18
4891- 4900	1	0.13	729	97.98	16	2.15	728	97.84	9,794	2,668,369	99.36	5,064	2,749,159	102.37
4911- 4920	2	0.26	731	98.25	15	2.01	729	97.98	19,650	2,688,019	100.10	9,980	2,759,289	102.75
4931- 4940	1	0.13	732	98.38	13	1.74	731	98.25	4,931	2,692,950	100.28	131	2,759,550	102.76
4951- 4960	2	0.26	734	98.65	12	1.61	732	98.38	19,814	2,712,764	101.02	10,034	2,769,704	103.14
4991- 5000	1	0.13	735	98.79	10	1.34	734	98.65	9,984	2,722,748	101.39	5,094	2,775,098	103.34
5031- 5040	1	0.13	736	98.92	9	1.20	735	98.79	10,064	2,732,812	101.76	5,124	2,780,492	103.54
5041- 5050	1	0.13	737	99.05	8	1.07	736	98.92	10,098	2,742,910	102.14	5,138	2,785,630	103.73
5051- 5060	1	0.13	738	99.19	7	0.94	737	99.05	10,104	2,753,014	102.52	5,124	2,790,754	103.92
5061- 5070	2	0.26	740	99.46	6	0.80	738	99.19	10,129	2,763,143	102.89	69	2,790,823	103.93
5121- 5130	2	0.26	742	99.73	4	0.53	740	99.46	10,256	2,773,399	103.28	56	2,791,079	103.93
5141- 5150	1	0.13	743	99.86	2	0.26	742	99.73	10,288	2,783,687	103.66	5,168	2,796,267	104.13
5201- 5210	1	0.13	744	100.00	1	0.13	743	99.86	10,414	2,794,101	104.05	5,224	2,801,541	104.32

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 2,685,291

PEAK MWH OF 5207 OCCURRED ON 01-11-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
02-01-82 TO 02-28-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2181- 2190	3	0.44	3	0.44	672	100.00	0	0.00	45,891	1,887,805	85.04	46,071	3,352,945	151.04
2201- 2210	1	0.14	4	0.59	669	99.55	3	0.44	44,093	1,988,969	89.60	48,583	3,465,289	156.10
2221- 2230	1	0.14	5	0.74	668	99.40	4	0.59	46,737	2,091,108	94.20	51,197	3,578,568	161.21
2241- 2250	3	0.44	8	1.19	667	99.25	5	0.74	58,402	2,207,635	99.45	58,352	3,701,715	166.75
2251- 2260	1	0.14	9	1.33	664	98.80	8	1.19	38,348	2,245,983	101.17	42,738	3,744,453	168.68
2261- 2270	1	0.14	10	1.48	663	98.66	9	1.33	61,160	2,307,143	103.93	65,530	3,809,983	171.63
2291- 2300	2	0.29	12	1.78	662	98.51	10	1.48	43,620	2,455,633	110.62	45,660	3,973,753	179.01
2311- 2320	3	0.44	15	2.23	660	98.21	12	1.78	50,955	2,564,252	115.51	50,625	4,088,642	184.18
2341- 2350	1	0.14	16	2.38	657	97.76	15	2.23	56,304	2,713,806	122.25	60,534	4,255,566	191.70
2351- 2360	2	0.29	18	2.67	656	97.61	16	2.38	40,041	2,753,847	124.05	41,901	4,297,467	193.59
2361- 2370	3	0.44	21	3.12	654	97.32	18	2.67	47,326	2,801,173	126.19	46,786	4,344,253	195.70
2371- 2380	1	0.14	22	3.27	651	96.87	21	3.12	38,015	2,839,188	127.90	42,155	4,386,408	197.60
2381- 2390	2	0.29	24	3.57	650	96.72	22	3.27	45,312	2,884,500	129.94	47,052	4,433,460	199.72
2391- 2400	2	0.29	26	3.86	648	96.42	24	3.57	28,748	2,913,248	131.23	30,448	4,463,908	201.09
2401- 2410	5	0.74	31	4.61	646	96.13	26	3.86	52,926	2,966,174	133.62	47,386	4,511,294	203.22
2411- 2420	1	0.14	32	4.76	641	95.38	31	4.61	29,001	2,995,175	134.93	33,001	4,544,295	204.71
2421- 2430	2	0.29	34	5.05	640	95.23	32	4.76	46,092	3,041,267	137.00	47,652	4,591,947	206.86
2441- 2450	1	0.14	35	5.20	638	94.94	34	5.05	44,001	3,146,146	141.73	47,941	4,707,146	212.05
2451- 2460	4	0.59	39	5.80	637	94.79	35	5.20	46,635	3,192,781	143.83	43,205	4,750,351	213.99
2461- 2470	1	0.14	40	5.95	633	94.19	39	5.80	44,370	3,237,151	145.83	48,240	4,798,591	216.17
2471- 2480	1	0.14	41	6.10	632	94.04	40	5.95	42,089	3,279,240	147.72	45,939	4,844,530	218.24
2481- 2490	3	0.44	44	6.54	631	93.89	41	6.10	44,734	3,323,974	149.74	43,604	4,888,134	220.20
2491- 2500	9	1.33	53	7.88	628	93.45	44	6.54	57,390	3,381,364	152.32	41,260	4,929,394	222.06
2501- 2510	4	0.59	57	8.48	619	92.11	53	7.88	45,123	3,426,487	154.36	41,313	4,970,707	223.92
2511- 2520	2	0.29	59	8.77	615	91.51	57	8.48	30,189	3,456,676	155.72	31,319	5,002,026	225.33
2521- 2530	1	0.14	60	8.92	613	91.22	59	8.77	47,970	3,504,646	157.88	51,580	5,053,606	227.66
2531- 2540	3	0.44	63	9.37	612	91.07	60	8.92	43,105	3,547,751	159.82	41,635	5,095,241	229.53
2541- 2550	1	0.14	64	9.52	609	90.62	63	9.37	38,164	3,585,915	161.54	41,714	5,136,955	231.41
2561- 2570	2	0.29	66	9.82	608	90.47	64	9.52	43,601	3,662,734	165.00	44,561	5,220,814	235.19
2571- 2580	3	0.44	69	10.26	606	90.17	66	9.82	48,912	3,711,646	167.20	47,262	5,268,076	237.32
2581- 2590	2	0.29	71	10.56	603	89.73	69	10.26	62,028	3,773,674	170.00	62,898	5,330,974	240.15
2591- 2600	3	0.44	74	11.01	601	89.43	71	10.56	46,735	3,820,409	172.10	44,975	5,375,949	242.18
2601- 2610	1	0.14	75	11.16	598	88.98	74	11.01	41,695	3,862,104	173.98	45,075	5,421,024	244.21
2611- 2620	6	0.89	81	12.05	597	88.83	75	11.16	47,076	3,909,180	176.10	37,386	5,458,410	245.89
2621- 2630	4	0.59	85	12.64	591	87.94	81	12.05	42,019	3,951,199	177.99	37,449	5,495,859	247.58
2631- 2640	1	0.14	86	12.79	587	87.35	85	12.64	50,079	4,001,278	180.25	53,319	5,549,178	249.98
2641- 2650	3	0.44	89	13.24	586	87.20	86	12.79	47,637	4,048,915	182.40	45,577	5,594,755	252.03
2651- 2660	2	0.29	91	13.54	583	86.75	89	13.24	61,092	4,110,007	185.15	61,622	5,656,377	254.81
2661- 2670	2	0.29	93	13.83	581	86.45	91	13.54	39,993	4,150,000	186.95	40,483	5,696,860	256.63
2671- 2680	4	0.59	97	14.43	579	86.16	93	13.83	58,883	4,208,883	189.60	53,993	5,750,853	259.07
2681- 2690	3	0.44	100	14.88	575	85.56	97	14.43	53,701	4,262,584	192.02	51,411	5,802,264	261.38
2691- 2700	10	1.48	110	16.36	572	85.11	100	14.88	53,919	4,316,503	194.45	32,739	5,835,003	262.86
2701- 2710	4	0.59	114	16.96	562	83.63	110	16.36	48,693	4,365,196	196.64	43,513	5,878,516	264.82
2711- 2720	2	0.29	116	17.26	558	83.03	114	16.96	35,309	4,400,505	198.23	35,469	5,913,985	266.41
2731- 2740	4	0.59	120	17.85	556	82.73	116	17.26	49,231	4,487,886	202.17	43,871	6,001,566	270.36
2741- 2750	2	0.29	122	18.15	552	82.14	120	17.85	41,177	4,529,063	204.03	41,217	6,042,783	272.22
2751- 2760	5	0.74	127	18.89	550	81.84	122	18.15	49,618	4,578,681	206.26	41,368	6,084,151	274.08
2761- 2770	3	0.44	130	19.34	545	81.10	127	18.89	71,888	4,650,569	209.50	69,058	6,153,209	277.19
2771- 2780	2	0.29	132	19.64	542	80.65	130	19.34	41,638	4,692,207	211.37	41,518	6,194,727	279.06
2781- 2790	6	0.89	138	20.53	540	80.35	132	19.64	100,305	4,792,512	215.89	89,025	6,283,752	283.07
2791- 2800	4	0.59	142	21.13	534	79.46	138	20.53	72,704	4,865,216	219.17	66,884	6,350,636	286.09
2801- 2810	2	0.29	144	21.42	530	78.86	142	21.13	58,938	4,924,154	221.82	58,638	6,409,274	288.73
2811- 2820	5	0.74	149	22.17	528	78.57	144	21.42	90,102	5,014,256	225.88	81,332	6,490,606	292.39
2821- 2830	8	1.19	157	23.36	523	77.82	149	22.17	87,593	5,101,849	229.83	70,263	6,560,869	295.56

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
02-01-82 TO 02-28-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
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MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2831- 2840	5	0.74	162	24.10	515	76.63	157	23.36	85,105	5,186,954	233.66	76,105	6,636,974	298.98
2841- 2850	4	0.59	166	24.70	510	75.89	162	24.10	68,337	5,255,291	236.74	62,077	6,699,051	301.78
2851- 2860	6	0.89	172	25.59	506	75.29	166	24.70	77,131	5,332,422	240.22	65,091	6,764,142	304.71
2861- 2870	3	0.44	175	26.04	500	74.40	172	25.59	74,504	5,406,926	243.57	70,924	6,835,066	307.91
2871- 2880	4	0.59	179	26.63	497	73.95	175	26.04	71,920	5,478,846	246.81	65,410	6,900,476	310.86
2881- 2890	5	0.74	184	27.38	493	73.36	179	26.63	92,310	5,571,156	250.97	82,840	6,983,316	314.59
2891- 2900	7	1.04	191	28.42	488	72.61	184	27.38	75,288	5,646,444	254.36	59,938	7,043,254	317.29
2901- 2910	4	0.59	195	29.01	481	71.57	191	28.42	75,551	5,721,995	257.77	68,761	7,112,015	320.39
2911- 2920	5	0.74	200	29.76	477	70.98	195	29.01	84,527	5,806,522	261.57	74,747	7,186,762	323.75
2921- 2930	3	0.44	203	30.20	472	70.23	200	29.76	96,525	5,903,047	265.92	92,485	7,279,247	327.92
2931- 2940	2	0.29	205	30.50	469	69.79	203	30.20	88,067	5,991,114	269.89	86,897	7,366,144	331.83
2941- 2950	2	0.29	207	30.80	467	69.49	205	30.50	55,967	6,047,081	272.41	54,757	7,420,901	334.30
2951- 2960	3	0.44	210	31.25	465	69.19	207	30.80	121,183	6,168,264	277.87	116,983	7,537,884	339.57
2961- 2970	3	0.44	213	31.69	462	68.75	210	31.25	86,003	6,254,267	281.74	81,743	7,619,627	343.25
2971- 2980	6	0.89	219	32.58	459	68.30	213	31.69	86,306	6,340,573	285.63	73,076	7,692,703	346.54
2981- 2990	6	0.89	225	33.48	453	67.41	219	32.58	65,688	6,406,261	288.59	52,338	7,745,041	348.90
2991- 3000	1	0.14	226	33.63	447	66.51	225	33.48	92,677	6,499,138	292.78	94,357	7,839,398	353.15
3001- 3010	3	0.44	229	34.07	446	66.36	226	33.63	81,169	6,580,307	296.43	76,629	7,916,027	356.61
3011- 3020	3	0.44	232	34.52	443	65.92	229	34.07	75,371	6,655,678	299.83	70,771	7,986,798	359.79
3021- 3030	6	0.89	238	35.41	440	65.47	232	34.52	99,824	6,755,502	304.32	86,104	8,072,902	363.67
3031- 3040	6	0.89	244	36.30	434	64.58	238	35.41	100,190	6,855,692	308.84	86,350	8,159,252	367.56
3041- 3050	4	0.59	248	36.90	428	63.69	244	36.30	91,344	6,947,036	312.95	83,464	8,242,716	371.32
3051- 3060	4	0.59	252	37.50	424	63.09	248	36.90	85,557	7,032,593	316.81	77,597	8,320,313	374.82
3061- 3070	5	0.74	257	38.24	420	62.50	252	37.50	85,826	7,118,419	320.67	74,726	8,395,039	378.18
3071- 3080	3	0.44	260	38.69	415	61.75	257	38.24	83,014	7,201,433	324.41	77,954	8,472,993	381.70
3081- 3090	4	0.59	264	39.28	412	61.30	260	38.69	138,863	7,340,296	330.67	130,663	8,603,656	387.58
3091- 3100	3	0.44	267	39.73	408	60.71	264	39.28	120,704	7,461,000	336.11	115,514	8,719,170	392.79
3101- 3110	3	0.44	270	40.17	405	60.26	267	39.73	111,775	7,572,775	341.14	106,525	8,825,695	397.58
3111- 3120	3	0.44	273	40.62	402	59.82	270	40.17	87,235	7,660,010	345.07	81,925	8,907,620	401.28
3121- 3130	2	0.29	275	40.92	399	59.37	273	40.62	71,892	7,731,902	348.31	69,642	8,977,262	404.41
3131- 3140	2	0.29	277	41.22	397	59.07	275	40.92	90,933	7,822,835	352.41	88,643	9,065,905	408.41
3141- 3150	3	0.44	280	41.66	395	58.77	277	41.22	100,667	7,923,502	356.94	95,197	9,161,102	412.69
3151- 3160	3	0.44	283	42.11	392	58.33	280	41.66	78,861	8,002,363	360.49	73,331	9,234,433	416.00
3161- 3170	5	0.74	288	42.85	389	57.88	283	42.11	123,475	8,125,838	366.06	111,565	9,345,998	421.02
3171- 3180	2	0.29	290	43.15	384	57.14	288	42.85	66,687	8,192,525	369.06	64,187	9,410,185	423.92
3181- 3190	3	0.44	293	43.60	382	56.84	290	43.15	89,192	8,281,717	373.08	83,472	9,493,657	427.68
3191- 3200	2	0.29	295	43.89	379	56.39	293	43.60	79,893	8,361,610	376.68	77,303	9,570,960	431.16
3201- 3210	1	0.14	296	44.04	377	56.10	295	43.89	60,908	8,422,518	379.42	61,478	9,632,438	433.93
3211- 3220	2	0.29	298	44.34	376	55.95	296	44.04	73,933	8,496,451	382.75	71,273	9,703,711	437.14
3221- 3230	5	0.74	303	45.08	374	55.65	298	44.34	87,092	8,583,543	386.68	74,732	9,778,443	440.51
3231- 3240	6	0.89	309	45.98	369	54.91	303	45.08	71,171	8,654,714	389.88	55,481	9,833,924	443.00
3241- 3250	2	0.29	311	46.27	363	54.01	309	45.98	42,181	8,696,895	391.78	39,331	9,873,255	444.78
3251- 3260	2	0.29	313	46.57	361	53.72	311	46.27	61,858	8,758,753	394.57	58,968	9,932,223	447.43
3261- 3270	3	0.44	316	47.02	359	53.42	313	46.57	65,315	8,824,068	397.51	59,125	9,991,348	450.10
3271- 3280	7	1.04	323	48.06	356	52.97	316	47.02	65,510	8,889,578	400.46	46,180	10,037,528	452.18
3281- 3290	6	0.89	329	48.95	349	51.93	323	48.06	88,720	8,978,298	404.46	72,530	10,110,058	455.44
3291- 3300	4	0.59	333	49.55	343	51.04	329	48.95	42,837	9,021,135	406.39	33,107	10,143,165	456.94
3301- 3310	3	0.44	336	50.00	339	50.44	333	49.55	52,902	9,074,037	408.77	46,392	10,189,557	459.03
3311- 3320	2	0.29	338	50.29	336	50.00	336	50.00	23,220	9,097,257	409.82	19,960	10,209,517	459.92
3321- 3330	4	0.59	342	50.89	334	49.70	338	50.29	39,902	9,137,159	411.62	29,962	10,239,479	461.27
3331- 3340	7	1.04	349	51.93	330	49.10	342	50.89	50,044	9,187,203	413.87	30,034	10,269,513	462.63
3341- 3350	2	0.29	351	52.23	323	48.06	349	51.93	50,172	9,237,375	416.13	46,722	10,316,235	464.73
3351- 3360	1	0.14	352	52.38	321	47.76	351	52.23	30,203	9,267,578	417.49	30,063	10,346,298	466.09
3361- 3370	2	0.29	354	52.67	320	47.61	352	52.38	50,492	9,318,070	419.77	46,972	10,393,270	468.20
3371- 3380	2	0.29	356	52.97	318	47.32	354	52.67	57,374	9,375,444	422.35	53,814	10,447,084	470.63

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
02-01-82 TO 02-28-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3381- 3390	4	0.59	360	53.57	316	47.02	356	52.97	30,463	9,405,907	423.72	20,103	10,467,187	471.53
3391- 3400	4	0.59	364	54.16	312	46.42	360	53.57	37,359	9,443,266	425.41	26,919	10,494,106	472.75
3401- 3410	3	0.44	367	54.61	308	45.83	364	54.16	27,233	9,470,499	426.63	20,113	10,514,219	473.65
3411- 3420	2	0.29	369	54.91	305	45.38	367	54.61	34,172	9,504,671	428.17	30,402	10,544,621	475.02
3421- 3430	3	0.44	372	55.35	303	45.08	359	54.91	47,971	9,552,642	430.33	40,741	10,585,362	476.86
3431- 3440	4	0.59	376	55.95	300	44.64	372	55.35	51,522	9,604,164	432.65	40,802	10,626,164	478.69
3441- 3450	1	0.14	377	56.10	296	44.04	376	55.95	37,900	9,642,064	434.36	37,420	10,663,584	480.38
3451- 3460	3	0.44	380	56.54	295	43.89	377	56.10	51,832	9,693,896	436.70	44,432	10,708,016	482.38
3461- 3470	2	0.29	382	56.84	292	43.45	380	56.54	45,050	9,738,946	438.73	41,050	10,749,066	484.23
3471- 3480	4	0.59	386	57.44	290	43.15	382	56.84	48,671	9,787,617	440.92	37,691	10,786,757	485.93
3481- 3490	3	0.44	389	57.88	286	42.55	386	57.44	45,302	9,832,919	442.96	37,722	10,824,479	487.63
3491- 3500	2	0.29	391	58.18	283	42.11	389	57.88	45,443	9,678,362	445.01	41,293	10,865,772	489.49
3501- 3510	2	0.29	393	58.48	281	41.81	391	58.18	35,044	9,913,406	446.59	30,854	10,896,626	490.88
3511- 3520	5	0.74	398	59.22	279	41.51	393	58.48	49,216	9,962,622	448.80	34,456	10,931,082	492.43
3521- 3530	3	0.44	401	59.67	274	40.77	398	59.22	38,800	10,001,422	450.55	30,980	10,962,062	493.83
3531- 3540	3	0.44	404	60.11	271	40.32	401	59.67	45,955	10,047,377	452.62	38,075	11,000,137	495.54
3541- 3550	2	0.29	406	60.41	268	39.88	404	60.11	46,109	10,093,486	454.70	41,709	11,041,846	497.42
3551- 3560	3	0.44	409	60.86	266	39.58	406	60.41	39,106	10,132,592	456.46	31,116	11,072,962	498.82
3561- 3570	4	0.59	413	61.45	263	39.13	409	60.86	24,955	10,157,547	457.58	13,345	11,086,307	499.42
3571- 3580	3	0.44	416	61.90	259	38.54	413	61.45	35,763	10,193,310	459.19	27,643	11,113,950	500.67
3581- 3590	2	0.29	418	62.20	256	38.09	416	61.90	25,108	10,218,418	460.33	20,508	11,134,458	501.59
3591- 3600	8	1.19	426	63.39	254	37.79	418	62.20	46,751	10,265,169	462.43	20,571	11,155,029	502.52
3601- 3610	3	0.44	429	63.83	246	36.60	426	63.39	28,850	10,294,019	463.73	20,510	11,175,539	503.44
3611- 3620	5	0.74	434	64.58	243	36.16	429	63.83	54,227	10,348,246	466.17	38,607	11,214,146	505.18
3621- 3630	7	1.04	441	65.62	238	35.41	434	64.58	29,013	10,377,259	467.48	6,053	11,220,199	505.46
3631- 3640	3	0.44	444	66.07	231	34.37	441	65.62	32,731	10,409,990	468.96	24,151	11,244,350	506.54
3641- 3650	3	0.44	447	66.51	228	33.92	444	66.07	58,315	10,468,305	471.58	49,675	11,294,025	508.78
3651- 3660	1	0.14	448	66.66	225	33.48	447	66.51	14,614	10,482,919	472.24	13,214	11,307,239	509.38
3661- 3670	2	0.29	450	66.96	224	33.33	448	66.66	36,655	10,519,574	473.89	31,575	11,338,814	510.80
3671- 3680	8	1.19	458	68.15	222	33.03	450	66.96	44,075	10,563,649	475.88	16,935	11,355,749	511.56
3681- 3690	3	0.44	461	68.60	214	31.84	458	68.15	22,108	10,585,757	476.87	13,208	11,368,957	512.16
3691- 3700	4	0.59	465	69.19	211	31.39	461	68.60	44,337	10,630,094	478.87	31,687	11,400,644	513.58
3701- 3710	6	0.89	471	70.08	207	30.80	465	69.19	51,870	10,681,964	481.21	31,740	11,432,384	515.01
3711- 3720	7	1.04	478	71.13	201	29.91	471	70.08	48,294	10,730,258	483.38	24,334	11,456,718	516.11
3721- 3730	3	0.44	481	71.57	194	28.86	478	71.13	14,910	10,745,168	484.06	5,690	11,462,408	516.37
3731- 3740	4	0.59	485	72.17	191	28.42	481	71.57	33,631	10,778,799	485.57	20,621	11,483,029	517.30
3741- 3750	4	0.59	489	72.76	187	27.82	485	72.17	26,229	10,805,028	486.75	13,139	11,496,168	517.89
3751- 3760	3	0.44	492	73.21	183	27.23	489	72.76	26,291	10,831,319	487.94	16,871	11,513,039	518.65
3761- 3770	4	0.59	496	73.80	180	26.78	492	73.21	33,898	10,865,217	489.46	20,658	11,533,697	519.58
3771- 3780	6	0.89	502	74.70	176	26.19	496	73.80	41,539	10,906,756	491.33	20,679	11,554,376	520.51
3781- 3790	5	0.74	507	75.44	170	25.29	502	74.70	26,515	10,933,271	492.53	9,315	11,563,691	520.93
3791- 3800	2	0.29	509	75.74	165	24.55	507	75.44	26,566	10,959,837	493.73	20,636	11,584,327	521.86
3801- 3810	8	1.19	517	76.93	163	24.25	509	75.74	49,487	11,009,324	495.96	20,717	11,605,044	522.79
3811- 3820	5	0.74	522	77.67	155	23.06	517	76.93	26,718	11,036,042	497.16	9,218	11,614,262	523.21
3821- 3830	9	1.33	531	79.01	150	22.32	522	77.67	42,080	11,078,122	499.05	9,200	11,623,462	523.62
3831- 3840	10	1.48	541	80.50	141	20.98	531	79.01	46,055	11,124,177	501.13	9,165	11,632,627	524.03
3841- 3850	6	0.89	547	81.39	131	19.49	541	80.50	26,917	11,151,094	502.34	5,187	11,637,814	524.27
3851- 3860	6	0.89	553	82.29	125	18.60	547	81.39	30,634	11,181,928	503.73	8,984	11,646,798	524.67
3861- 3870	8	1.19	561	83.48	119	17.70	553	82.29	38,661	11,220,589	505.47	8,971	11,655,769	525.08
3871- 3880	2	0.29	563	83.77	111	16.51	561	83.48	15,502	11,236,091	506.17	8,872	11,664,641	525.48
3881- 3890	6	0.89	569	84.67	109	16.22	563	83.77	34,977	11,271,068	507.75	12,787	11,677,428	526.05
3891- 3900	2	0.29	571	84.97	103	15.32	569	84.67	15,568	11,286,636	508.45	8,818	11,686,246	526.45
3901- 3910	3	0.44	574	85.41	101	15.02	571	84.97	15,612	11,302,248	509.15	4,922	11,691,168	526.67
3911- 3920	5	0.74	579	86.16	98	14.58	574	85.41	27,403	11,329,651	510.39	8,833	11,700,001	527.07
3921- 3930	5	0.74	584	86.90	93	13.83	579	86.16	27,474	11,357,125	511.62	8,804	11,708,805	527.47

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
02-01-82 TO 02-28-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3931- 3940	8	1.19	592	88.09	88	13.09	584	86.90	39,348	11,396,473	513.40	8,788	11,717,593	527.86
3941- 3950	5	0.74	597	88.83	80	11.90	592	88.09	31,567	11,428,040	514.82	12,667	11,730,260	528.43
3951- 3960	6	0.89	603	89.73	75	11.16	597	88.83	27,695	11,455,735	516.07	4,745	11,735,005	528.65
3961- 3970	1	0.14	604	89.88	69	10.26	603	89.73	7,931	11,463,666	516.42	4,661	11,739,666	528.86
3971- 3980	7	1.04	611	90.92	68	10.11	604	89.88	31,812	11,495,478	517.86	4,702	11,744,368	529.07
3981- 3990	1	0.14	612	91.07	61	9.07	611	90.92	23,915	11,519,393	518.93	20,545	11,764,913	529.99
3991- 4000	5	0.74	617	91.81	60	8.92	612	91.07	23,956	11,543,349	520.01	4,606	11,769,519	530.20
4001- 4010	3	0.44	620	92.26	55	8.18	617	91.81	16,020	11,559,369	520.73	4,570	11,774,089	530.41
4011- 4020	2	0.29	622	92.55	52	7.73	620	92.26	12,044	11,571,413	521.28	4,544	11,778,633	530.61
4021- 4030	2	0.29	624	92.85	50	7.44	622	92.55	12,079	11,583,492	521.82	4,539	11,783,172	530.82
4031- 4040	3	0.44	627	93.30	48	7.14	624	92.85	24,213	11,607,705	522.91	12,603	11,795,775	531.38
4041- 4050	4	0.59	631	93.89	45	6.69	627	93.30	32,369	11,640,074	524.37	16,659	11,812,434	532.13
4051- 4060	3	0.44	634	94.34	41	6.10	631	93.89	16,225	11,656,299	525.10	4,485	11,816,919	532.34
4061- 4070	4	0.59	638	94.94	38	5.65	634	94.34	20,324	11,676,623	526.02	4,464	11,821,383	532.54
4101- 4110	1	0.14	639	95.08	34	5.05	638	94.94	4,110	11,688,885	526.57	350	11,830,905	532.97
4111- 4120	2	0.29	641	95.38	33	4.91	639	95.08	20,585	11,709,471	527.50	12,696	11,843,601	533.54
4121- 4130	4	0.59	645	95.98	31	4.61	641	95.38	16,497	11,725,968	528.24	327	11,843,928	533.55
4131- 4140	3	0.44	648	96.42	27	4.01	645	95.98	20,677	11,746,645	529.17	8,557	11,852,485	533.94
4141- 4150	2	0.29	650	96.72	24	3.57	648	96.42	8,291	11,754,936	529.54	251	11,852,736	533.95
4151- 4160	1	0.14	651	96.87	22	3.27	650	96.72	8,306	11,763,242	529.92	4,376	11,857,112	534.15
4161- 4170	4	0.59	655	97.47	21	3.12	651	96.87	16,669	11,779,911	530.67	239	11,857,351	534.16
4171- 4180	1	0.14	656	97.61	17	2.52	655	97.47	4,178	11,784,089	530.86	178	11,857,529	534.17
4191- 4200	2	0.29	658	97.91	16	2.38	656	97.61	8,391	11,800,855	531.61	171	11,866,235	534.56
4201- 4210	1	0.14	659	98.06	14	2.08	658	97.91	8,409	11,809,264	531.99	4,349	11,870,584	534.75
4211- 4220	2	0.29	661	98.36	13	1.93	659	98.06	8,428	11,817,692	532.37	138	11,870,722	534.76
4221- 4230	1	0.14	662	98.51	11	1.63	661	98.36	4,224	11,821,916	532.56	114	11,870,836	534.77
4231- 4240	3	0.44	665	98.95	10	1.48	662	98.51	12,715	11,834,631	533.13	125	11,870,961	534.77
4241- 4250	1	0.14	666	99.10	7	1.04	665	98.95	8,491	11,843,122	533.52	4,321	11,875,282	534.97
4251- 4260	1	0.14	667	99.25	6	0.89	666	99.10	8,511	11,851,633	533.90	4,321	11,879,603	535.16
4261- 4270	1	0.14	668	99.40	5	0.74	667	99.25	8,530	11,860,163	534.28	4,320	11,883,923	535.36
4281- 4290	2	0.29	670	99.70	4	0.59	668	99.40	8,568	11,868,731	534.67	48	11,884,011	535.36
4291- 4300	1	0.14	671	99.85	2	0.29	670	99.70	4,292	11,873,023	534.86	22	11,884,033	535.36
4351- 4360	1	0.14	672	100.00	1	0.14	671	99.85	4,355	11,881,700	535.26	15	11,888,420	535.56

TOTAL NUMBER OF HOURS IN STUDY IS 672

TOTAL MWH IN STUDY IS 2,219,799

PEAK MWH OF 4355 OCCURRED ON 02-11-82 AT 9 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
03-01-82 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1891- 1900	1	0.13	1	0.13	744	100.00	0	0.00	28,422	825,432	36.73	33,972	2,237,142	99.55
1901- 1910	2	0.26	3	0.40	743	99.86	1	0.13	41,928	867,360	38.59	45,558	2,282,700	101.57
1971- 1980	1	0.13	4	0.53	741	99.59	3	0.40	25,683	1,110,296	49.40	31,123	2,575,536	114.60
1981- 1990	3	0.40	7	0.94	740	99.46	4	0.53	55,558	1,165,854	51.87	57,018	2,632,554	117.14
1991- 2000	1	0.13	8	1.07	737	99.05	7	0.94	41,888	1,207,742	53.74	47,268	2,679,822	119.24
2001- 2010	1	0.13	9	1.20	736	98.92	8	1.07	38,106	1,245,848	55.43	43,466	2,723,288	121.18
2011- 2020	1	0.13	10	1.34	735	98.79	9	1.20	48,346	1,294,194	57.59	53,686	2,776,974	123.57
2021- 2030	3	0.40	13	1.74	734	98.65	10	1.34	44,547	1,338,741	59.57	45,827	2,822,801	125.61
2031- 2040	1	0.13	14	1.88	731	98.25	13	1.74	32,571	1,371,312	61.02	37,851	2,860,652	127.29
2041- 2050	1	0.13	15	2.01	730	98.11	14	1.88	30,690	1,402,002	62.38	35,950	2,896,602	128.89
2051- 2060	2	0.26	17	2.28	729	97.98	15	2.01	26,758	1,428,760	63.57	29,948	2,926,550	130.22
2061- 2070	1	0.13	18	2.41	727	97.71	17	2.28	41,321	1,470,081	65.41	46,531	2,973,081	132.29
2081- 2090	2	0.26	20	2.68	726	97.58	18	2.41	39,633	1,528,396	68.01	42,733	3,041,756	135.35
2091- 2100	2	0.26	22	2.95	724	97.31	20	2.68	33,534	1,561,930	69.50	36,594	3,078,350	136.98
2111- 2120	2	0.26	24	3.22	722	97.04	22	2.95	31,736	1,650,502	73.44	34,736	3,177,142	141.37
2131- 2140	2	0.26	26	3.49	720	96.77	24	3.22	23,487	1,705,867	75.90	26,427	3,242,647	144.29
2141- 2150	1	0.13	27	3.62	718	96.50	26	3.49	34,332	1,740,199	77.43	39,372	3,282,019	146.04
2151- 2160	1	0.13	28	3.76	717	96.37	27	3.62	38,804	1,779,003	79.16	43,824	3,325,843	147.99
2161- 2170	4	0.53	32	4.30	716	96.23	28	3.76	41,156	1,820,159	80.99	39,676	3,365,519	149.76
2181- 2190	2	0.26	34	4.56	712	95.69	32	4.30	39,329	1,881,243	83.71	42,089	3,436,483	152.92
2191- 2200	5	0.67	39	5.24	710	95.43	34	4.56	57,071	1,938,314	86.25	53,221	3,489,704	155.28
2201- 2210	5	0.67	44	5.91	705	94.75	39	5.24	41,891	1,980,205	88.11	37,941	3,527,645	156.97
2211- 2220	6	0.80	50	6.72	700	94.08	44	5.91	55,402	2,035,607	90.58	49,142	3,576,787	159.16
2221- 2230	3	0.40	53	7.12	694	93.27	50	6.72	44,515	2,080,122	92.56	44,795	3,621,582	161.15
2231- 2240	3	0.40	56	7.52	691	92.87	53	7.12	58,125	2,138,247	95.14	58,345	3,679,927	163.75
2241- 2250	1	0.13	57	7.66	688	92.47	56	7.52	51,656	2,189,903	97.44	56,296	3,736,223	166.25
2251- 2260	3	0.40	60	8.06	687	92.33	57	7.66	36,091	2,225,994	99.05	36,211	3,772,434	167.86
2261- 2270	4	0.53	64	8.60	684	91.93	60	8.06	58,899	2,284,893	101.67	56,699	3,829,133	170.39
2271- 2280	5	0.67	69	9.27	680	91.39	64	8.60	63,727	2,348,620	104.51	59,177	3,888,310	173.02
2291- 2300	2	0.26	71	9.54	675	90.72	69	9.27	39,030	2,428,793	108.07	41,200	3,977,403	176.99
2301- 2310	6	0.80	77	10.34	673	90.45	71	9.54	57,664	2,486,457	110.64	50,594	4,027,997	179.24
2311- 2320	4	0.53	81	10.88	667	89.65	77	10.34	44,011	2,530,468	112.60	41,441	4,069,438	181.08
2321- 2330	5	0.67	86	11.55	663	89.11	81	10.88	44,199	2,574,667	114.57	39,229	4,108,667	182.83
2331- 2340	4	0.53	90	12.09	658	88.44	86	11.55	49,051	2,623,718	116.75	46,311	4,154,978	184.89
2341- 2350	1	0.13	91	12.23	654	87.90	90	12.09	53,960	2,677,678	119.15	58,160	4,213,138	187.48
2351- 2360	1	0.13	92	12.36	653	87.76	91	12.23	35,327	2,713,005	120.72	39,507	4,252,645	189.23
2361- 2370	7	0.94	99	13.30	652	87.63	92	12.36	40,224	2,753,229	122.51	30,224	4,282,869	190.58
2371- 2380	4	0.53	103	13.84	645	86.69	99	13.30	35,642	2,788,871	124.10	32,612	4,315,481	192.03
2381- 2390	2	0.26	105	14.11	641	86.15	103	13.84	40,540	2,829,411	125.90	42,190	4,357,671	193.91
2391- 2400	2	0.26	107	14.38	639	85.88	105	14.11	23,960	2,853,371	126.97	25,570	4,383,241	195.05
2401- 2410	5	0.67	112	15.05	637	85.61	107	14.38	40,887	2,894,258	128.79	35,257	4,418,498	196.61
2411- 2420	2	0.26	114	15.32	632	84.94	112	15.05	26,583	2,920,841	129.97	28,083	4,446,581	197.86
2421- 2430	5	0.67	119	15.99	630	84.67	114	15.32	41,236	2,962,077	131.80	35,436	4,482,017	199.44
2431- 2440	5	0.67	124	16.66	625	84.00	119	15.99	60,878	3,022,955	134.51	54,978	4,536,995	201.89
2441- 2450	4	0.53	128	17.20	620	83.33	124	16.66	41,560	3,064,515	136.36	38,000	4,574,995	203.58
2451- 2460	5	0.67	133	17.87	616	82.79	128	17.20	36,822	3,101,337	138.00	30,732	4,605,727	204.95
2461- 2470	4	0.53	137	18.41	611	82.12	133	17.87	41,902	3,143,239	139.87	38,172	4,643,899	206.64
2471- 2480	3	0.40	140	18.81	607	81.58	137	18.41	39,611	3,182,850	141.63	38,271	4,682,170	208.35
2481- 2490	3	0.40	143	19.22	604	81.18	140	18.81	37,275	3,220,125	143.29	35,875	4,718,045	209.94
2491- 2500	5	0.67	148	19.89	601	80.77	143	19.22	34,939	3,255,064	144.84	28,499	4,746,544	211.21
2501- 2510	3	0.40	151	20.29	596	80.10	148	19.89	35,098	3,290,162	146.40	33,558	4,780,102	212.70
2511- 2520	5	0.67	156	20.96	593	79.70	151	20.29	25,159	3,315,321	147.52	18,539	4,798,641	213.53
2521- 2530	7	0.94	163	21.90	588	79.03	156	20.96	45,449	3,360,770	149.55	33,689	4,832,330	215.03
2531- 2540	8	1.07	171	22.98	581	78.09	163	21.90	35,496	3,396,266	151.13	21,066	4,853,396	215.97

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
03-01-82 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2541- 2550	7	0.94	178	23.92	573	77.01	171	22.98	35,621	3,431,887	152.71	23,571	4,876,967	217.02
2551- 2560	7	0.94	185	24.86	566	76.07	178	23.92	33,218	3,465,105	154.19	21,028	4,897,995	217.95
2561- 2570	4	0.53	189	25.40	559	75.13	185	24.86	38,475	3,503,580	155.90	33,825	4,931,820	219.46
2571- 2580	9	1.20	198	26.61	555	74.59	189	25.40	41,192	3,544,772	157.73	23,612	4,955,432	220.51
2591- 2590	9	1.20	207	27.82	546	73.38	198	26.61	56,860	3,601,632	160.26	39,100	4,994,532	222.25
2591- 2600	4	0.53	211	28.36	537	72.17	207	27.82	38,943	3,640,575	162.00	33,953	5,028,485	223.76
2601- 2610	3	0.40	214	28.76	533	71.63	211	28.36	39,091	3,679,666	163.74	36,621	5,065,106	225.39
2611- 2620	3	0.40	217	29.16	530	71.23	214	28.76	31,377	3,711,043	165.13	28,847	5,093,953	226.67
2621- 2630	3	0.40	220	29.56	527	70.83	217	29.16	31,518	3,742,561	166.54	28,928	5,122,881	227.96
2631- 2640	5	0.67	225	30.24	524	70.43	220	29.56	47,448	3,790,009	168.65	39,538	5,162,419	229.72
2641- 2650	5	0.67	230	30.91	519	69.75	225	30.24	39,701	3,829,710	170.41	31,691	5,194,110	231.13
2651- 2660	2	0.26	232	31.18	514	69.08	230	30.91	55,772	3,885,482	172.90	55,612	5,249,722	233.60
2661- 2670	1	0.13	233	31.31	512	68.81	232	31.18	34,667	3,920,149	174.44	37,127	5,286,849	235.25
2671- 2680	5	0.67	238	31.98	511	68.68	233	31.31	48,168	3,968,317	176.58	39,928	5,326,777	237.03
2681- 2690	5	0.67	243	32.66	506	68.01	238	31.98	45,651	4,013,968	178.61	37,311	5,364,088	238.69
2691- 2700	2	0.26	245	32.93	501	67.33	243	32.66	26,973	4,040,941	179.81	26,603	5,390,691	239.88
2701- 2710	2	0.26	247	33.19	499	67.06	245	32.93	37,870	4,078,811	181.50	37,460	5,428,151	241.54
2711- 2720	3	0.40	250	33.60	497	66.80	247	33.19	29,874	4,108,685	182.83	26,714	5,454,865	242.73
2721- 2730	2	0.26	252	33.87	494	66.39	250	33.60	38,150	4,146,835	184.53	37,650	5,492,515	244.41
2731- 2740	3	0.40	255	34.27	492	66.12	252	33.87	38,282	4,185,117	186.23	35,012	5,527,527	245.96
2741- 2750	3	0.40	258	34.67	489	65.72	255	34.27	35,687	4,220,804	187.82	32,357	5,559,884	247.40
2751- 2760	1	0.13	259	34.81	486	65.32	258	34.67	35,832	4,256,636	189.41	37,942	5,597,826	249.09
2761- 2770	4	0.53	263	35.34	485	65.18	259	34.81	63,600	4,320,236	192.24	57,410	5,655,236	251.65
2771- 2780	2	0.26	265	35.61	481	64.65	263	35.34	36,087	4,356,323	193.85	35,357	5,690,593	253.22
2781- 2790	5	0.67	270	36.29	479	64.38	265	35.61	83,594	4,439,917	197.57	74,484	5,765,077	256.54
2791- 2800	4	0.53	274	36.82	474	63.70	270	36.29	61,522	4,501,439	200.30	55,102	5,820,179	258.99
2801- 2810	2	0.26	276	37.09	470	63.17	274	36.82	53,320	4,554,759	202.68	52,420	5,872,599	261.32
2811- 2820	11	1.47	287	38.57	468	62.90	276	37.09	76,014	4,630,773	206.06	49,784	5,922,383	263.54
2821- 2830	2	0.26	289	38.84	457	61.42	287	38.57	64,989	4,695,762	208.95	63,919	5,986,302	266.38
2831- 2840	1	0.13	290	38.97	455	61.15	289	38.84	70,921	4,766,683	212.11	72,641	6,058,943	269.61
2841- 2850	1	0.13	291	39.11	454	61.02	290	38.97	56,953	4,823,636	214.64	58,653	6,117,596	272.22
2851- 2860	3	0.40	294	39.51	453	60.88	291	39.11	59,996	4,883,632	217.31	55,976	6,173,572	274.71
2861- 2870	2	0.26	296	39.78	450	60.48	294	39.51	65,899	4,949,531	220.24	64,679	6,238,251	277.59
2871- 2880	3	0.40	299	40.18	448	60.21	296	39.78	60,416	5,009,947	222.93	56,286	6,294,537	280.10
2881- 2890	5	0.67	304	40.86	445	59.81	299	40.18	77,896	5,087,843	226.40	67,946	6,362,483	283.12
2891- 2900	3	0.40	307	41.26	440	59.13	304	40.86	55,010	5,142,853	228.85	50,740	6,413,223	285.38
2901- 2910	6	0.80	313	42.06	437	58.73	307	41.26	63,927	5,206,780	231.69	50,897	6,464,120	287.64
2911- 2920	5	0.67	318	42.74	431	57.93	313	42.06	69,940	5,276,720	234.80	59,700	6,523,820	290.30
2921- 2930	6	0.80	324	43.54	426	57.25	318	42.74	87,749	5,364,469	238.71	74,489	6,598,309	293.61
2931- 2940	3	0.40	327	43.95	420	56.45	324	43.54	82,205	5,446,674	242.37	77,615	6,675,924	297.07
2941- 2950	4	0.53	331	44.48	417	56.04	327	43.95	50,074	5,496,748	244.60	42,484	6,718,408	298.96
2951- 2960	7	0.94	338	45.43	413	55.51	331	44.48	112,317	5,609,065	249.59	95,797	6,814,205	303.22
2961- 2970	8	1.07	346	46.50	406	54.56	338	45.43	77,109	5,686,174	253.02	57,489	6,871,694	305.78
2971- 2980	2	0.26	348	46.77	398	53.49	346	46.50	68,451	5,754,625	256.07	66,491	6,938,185	308.74
2991- 3000	6	0.80	354	47.58	396	53.22	348	46.77	89,886	5,892,280	262.20	75,906	7,065,820	314.42
3001- 3010	1	0.13	355	47.71	390	52.41	354	47.58	72,139	5,964,419	265.41	73,039	7,138,859	317.67
3011- 3020	3	0.40	358	48.11	389	52.28	355	47.71	66,320	6,030,739	268.36	61,180	7,200,039	320.39
3021- 3030	4	0.53	362	48.65	386	51.88	358	48.11	81,673	6,112,412	271.99	73,453	7,273,492	323.66
3031- 3040	4	0.53	366	49.19	382	51.34	362	48.65	81,978	6,194,390	275.64	73,678	7,347,170	326.94
3041- 3050	6	0.80	372	50.00	378	50.80	366	49.19	79,168	6,273,558	279.16	64,708	7,411,878	329.82
3051- 3060	5	0.67	377	50.67	372	50.00	372	50.00	73,336	6,346,894	282.43	61,806	7,473,684	332.57
3061- 3070	3	0.40	380	51.07	367	49.32	377	50.67	70,493	6,417,387	285.56	64,983	7,538,667	335.46
3071- 3080	4	0.53	384	51.61	364	48.92	380	51.07	73,795	6,491,182	288.85	65,155	7,603,822	338.36
3081- 3090	6	0.80	390	52.41	360	48.38	384	51.61	126,521	6,617,703	294.48	111,641	7,715,463	343.33
3091- 3100	7	0.94	397	53.36	354	47.58	390	52.41	111,419	6,729,122	299.43	93,329	7,808,792	347.48

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
03-01-82 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3101- 3110	4	0.53	401	53.89	347	46.63	397	53.36	102,460	6,831,582	303.99	93,530	7,902,322	351.64
3111- 3120	6	0.80	407	54.70	343	46.10	401	53.89	77,885	6,909,467	307.46	62,655	7,964,977	354.43
3121- 3130	3	0.40	410	55.10	337	45.29	407	54.70	65,641	6,975,108	310.38	59,651	8,024,628	357.08
3131- 3140	7	0.94	417	56.04	334	44.89	410	55.10	84,660	7,059,768	314.15	66,090	8,090,718	360.02
3141- 3150	4	0.53	421	56.58	327	43.95	417	56.04	91,233	7,151,001	318.21	81,943	8,172,661	363.67
3151- 3160	7	0.94	428	57.52	323	43.41	421	56.58	69,393	7,220,394	321.30	50,573	8,223,234	365.92
3161- 3170	4	0.53	432	58.06	316	42.47	428	57.52	107,647	7,328,041	326.09	98,167	8,321,401	370.29
3171- 3180	6	0.80	438	58.87	312	41.93	432	58.06	60,333	7,388,374	328.77	44,433	8,365,834	372.27
3181- 3190	6	0.80	444	59.67	306	41.12	438	58.87	79,639	7,468,013	332.31	63,619	8,429,453	375.10
3191- 3200	7	0.94	451	60.61	300	40.32	444	59.67	73,507	7,541,520	335.59	54,177	8,483,630	377.51
3201- 3210	1	0.13	452	60.75	293	39.38	451	60.61	57,703	7,599,223	338.15	57,433	8,541,063	380.06
3211- 3220	7	0.94	459	61.69	292	39.24	452	60.75	67,506	7,666,729	341.16	47,956	8,589,019	382.20
3221- 3230	1	0.13	460	61.82	285	38.30	459	61.69	70,966	7,737,695	344.32	70,596	8,659,615	385.34
3231- 3240	3	0.40	463	62.23	284	38.17	460	61.82	51,762	7,789,457	346.62	44,912	8,704,527	387.34
3241- 3250	3	0.40	466	62.63	281	37.76	463	62.23	35,695	7,825,152	348.21	28,785	8,733,312	388.62
3251- 3260	2	0.26	468	62.90	278	37.36	466	62.63	55,348	7,880,500	350.67	51,628	8,784,940	390.92
3261- 3270	9	1.20	477	64.11	276	37.09	468	62.90	55,523	7,936,023	353.14	28,943	8,813,883	392.20
3271- 3280	5	0.67	482	64.78	267	35.88	477	64.11	42,594	7,978,617	355.04	28,914	8,842,797	393.49
3281- 3290	8	1.07	490	65.86	262	35.21	482	64.78	69,011	8,047,628	358.11	45,391	8,888,188	395.51
3291- 3300	5	0.67	495	66.53	254	34.13	490	65.86	29,662	8,077,290	359.43	15,752	8,903,940	396.21
3301- 3310	6	0.80	501	67.33	249	33.46	495	66.53	42,987	8,120,277	361.34	25,677	8,929,617	397.35
3311- 3320	1	0.13	502	67.47	243	32.66	501	67.33	16,586	8,136,863	362.08	15,706	8,945,323	398.05
3321- 3330	3	0.40	505	67.87	242	32.52	502	67.47	26,602	8,163,465	363.26	19,062	8,964,385	398.90
3331- 3340	3	0.40	508	68.27	239	32.12	505	67.87	26,683	8,190,148	364.45	19,083	8,983,468	399.75
3341- 3350	4	0.53	512	68.81	236	31.72	508	68.27	43,485	8,233,633	366.38	32,485	9,015,953	401.20
3351- 3360	4	0.53	516	69.35	232	31.18	512	68.81	26,847	8,260,480	367.58	15,767	9,031,720	401.90
3361- 3370	9	1.20	525	70.56	228	30.64	516	69.35	43,765	8,304,245	369.53	15,805	9,047,525	402.60
3371- 3380	5	0.67	530	71.23	219	29.43	525	70.56	50,617	8,354,862	371.78	35,957	9,083,482	404.20
3381- 3390	4	0.53	534	71.77	214	28.76	530	71.23	16,921	8,371,783	372.53	5,541	9,089,023	404.45
3391- 3400	3	0.40	537	72.17	210	28.22	534	71.77	23,763	8,395,546	373.59	15,693	9,104,716	405.15
3401- 3410	2	0.26	539	72.44	207	27.82	537	72.17	17,022	8,412,568	374.35	12,292	9,117,008	405.69
3411- 3420	3	0.40	542	72.84	205	27.55	539	72.44	27,336	8,439,904	375.56	19,156	9,136,164	406.55
3421- 3430	6	0.80	548	73.65	202	27.15	542	72.84	37,691	8,477,595	377.24	19,191	9,155,355	407.40
3431- 3440	6	0.80	554	74.46	196	26.34	548	73.65	37,776	8,515,371	378.92	19,156	9,174,511	408.25
3441- 3450	1	0.13	555	74.59	190	25.53	554	74.46	34,454	8,549,825	380.45	32,914	9,207,425	409.72
3451- 3460	6	0.80	561	75.40	189	25.40	555	74.59	41,476	8,591,301	382.30	22,666	9,230,091	410.73
3461- 3470	4	0.53	565	75.94	183	24.59	561	75.40	38,116	8,629,417	384.00	26,106	9,256,197	411.89
3471- 3480	6	0.80	571	76.74	179	24.05	565	75.94	34,759	8,664,176	385.54	15,729	9,271,926	412.59
3481- 3490	5	0.67	576	77.41	173	23.25	571	76.74	34,849	8,699,025	387.09	19,179	9,291,105	413.44
3491- 3500	8	1.07	584	78.49	168	22.58	576	77.41	38,458	8,737,483	388.80	12,218	9,303,323	413.98
3501- 3510	4	0.53	588	79.03	160	21.50	584	78.49	28,028	8,765,511	390.05	15,628	9,318,951	414.68
3511- 3520	6	0.80	594	79.83	156	20.96	588	79.03	31,632	8,797,143	391.46	12,132	9,331,083	415.22
3521- 3530	5	0.67	599	80.51	150	20.16	594	79.83	28,215	8,825,358	392.72	12,115	9,343,198	415.76
3531- 3540	9	1.20	608	81.72	145	19.48	599	80.51	35,345	8,860,703	394.29	5,025	9,348,223	415.98
3541- 3550	6	0.80	614	82.52	136	18.27	608	81.72	39,021	8,899,724	396.02	19,141	9,367,364	416.83
3551- 3560	6	0.80	620	83.33	130	17.47	614	82.52	28,443	8,928,167	397.29	8,443	9,375,807	417.21
3561- 3570	1	0.13	621	83.46	124	16.66	620	83.33	10,696	8,938,863	397.77	8,376	9,384,183	417.58
3571- 3580	3	0.40	624	83.87	123	16.53	621	83.46	25,033	8,963,896	398.88	15,553	9,399,736	418.27
3581- 3590	3	0.40	627	84.27	120	16.12	624	83.87	17,931	8,981,827	399.68	8,391	9,408,127	418.65
3591- 3600	2	0.26	629	84.54	117	15.72	627	84.27	17,984	8,999,811	400.48	11,974	9,420,101	419.18
3601- 3610	3	0.40	632	84.94	115	15.45	629	84.54	18,030	9,017,841	401.28	8,380	9,428,481	419.55
3611- 3620	6	0.80	638	85.75	112	15.05	632	84.94	36,149	9,053,990	402.89	15,609	9,444,090	420.25
3621- 3630	1	0.13	639	85.88	106	14.24	638	85.75	3,628	9,057,618	403.05	1,068	9,445,158	420.30
3631- 3640	5	0.67	644	86.55	105	14.11	639	85.88	21,818	9,079,436	404.02	4,718	9,449,876	420.51
3641- 3650	12	1.61	656	88.17	100	13.44	644	86.55	47,383	9,126,819	406.13	4,703	9,454,579	420.71

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
03-01-82 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3651- 3660	1	0.13	657	88.30	88	11.82	656	88.17	10,958	9,137,777	406.62	8,188	9,462,767	421.08
3661- 3670	6	0.80	663	89.11	87	11.69	657	88.30	29,320	9,167,097	407.92	8,230	9,470,997	421.45
3671- 3680	3	0.40	666	89.51	81	10.88	663	89.11	14,694	9,181,791	408.58	4,494	9,475,491	421.65
3681- 3690	1	0.13	667	89.65	78	10.48	666	89.51	11,058	9,192,849	409.07	8,158	9,483,649	422.01
3691- 3700	5	0.67	672	90.32	77	10.34	667	89.65	29,557	9,222,406	410.38	11,877	9,495,526	422.54
3701- 3710	3	0.40	675	90.72	72	9.67	672	90.32	29,639	9,252,045	411.70	19,259	9,514,785	423.39
3711- 3720	4	0.53	679	91.26	69	9.27	675	90.72	22,287	9,274,332	412.69	8,137	9,522,922	423.76
3721- 3730	1	0.13	680	91.39	65	8.73	679	91.26	3,730	9,278,062	412.86	660	9,523,582	423.79
3731- 3740	3	0.40	683	91.80	64	8.60	680	91.39	18,683	9,296,745	413.69	8,133	9,531,715	424.15
3741- 3750	2	0.26	685	92.06	61	8.19	683	91.80	11,237	9,307,982	414.19	4,367	9,536,082	424.34
3751- 3760	4	0.53	689	92.60	59	7.93	685	92.06	15,027	9,323,009	414.86	617	9,536,699	424.37
3761- 3770	3	0.40	692	93.01	55	7.39	689	92.60	18,828	9,341,837	415.70	8,098	9,544,797	424.73
3771- 3780	4	0.53	696	93.54	52	6.98	692	93.01	18,890	9,360,727	416.54	4,330	9,549,127	424.92
3781- 3790	1	0.13	697	93.68	48	6.45	696	93.54	7,578	9,368,305	416.88	4,278	9,553,405	425.11
3791- 3800	3	0.40	700	94.08	47	6.31	697	93.68	18,977	9,387,282	417.72	8,077	9,561,482	425.47
3801- 3810	3	0.40	703	94.48	44	5.91	700	94.08	19,035	9,406,317	418.57	8,075	9,569,557	425.83
3811- 3820	1	0.13	704	94.62	41	5.51	703	94.48	7,635	9,413,952	418.91	4,235	9,573,792	426.02
3821- 3830	1	0.13	705	94.75	40	5.37	704	94.62	7,650	9,421,602	419.25	4,230	9,578,022	426.21
3841- 3850	1	0.13	706	94.89	39	5.24	705	94.75	3,842	9,433,124	419.76	392	9,586,484	426.58
3851- 3860	2	0.26	708	95.16	38	5.10	706	94.89	7,704	9,440,828	420.10	384	9,586,868	426.60
3871- 3880	2	0.26	710	95.43	36	4.83	708	95.16	7,749	9,456,310	420.79	369	9,595,330	426.98
3881- 3890	1	0.13	711	95.56	34	4.56	710	95.43	11,659	9,467,969	421.31	8,119	9,603,449	427.34
3891- 3900	1	0.13	712	95.69	33	4.43	711	95.56	7,783	9,475,752	421.66	4,223	9,607,672	427.53
3921- 3930	1	0.13	713	95.83	32	4.30	712	95.69	7,850	9,495,334	422.53	4,250	9,624,294	428.27
3931- 3940	1	0.13	714	95.96	31	4.16	713	95.83	7,864	9,503,198	422.88	4,244	9,628,538	428.46
3941- 3950	1	0.13	715	96.10	30	4.03	714	95.96	11,835	9,515,033	423.40	8,195	9,636,733	428.82
3961- 3970	1	0.13	716	96.23	29	3.89	715	96.10	3,966	9,522,952	423.76	296	9,641,272	429.02
3981- 3990	5	0.67	721	96.90	28	3.76	716	96.23	19,926	9,546,855	424.82	306	9,645,835	429.23
3991- 4000	1	0.13	722	97.04	23	3.09	721	96.90	3,993	9,550,848	425.00	233	9,646,068	429.24
4001- 4010	1	0.13	723	97.17	22	2.95	722	97.04	4,008	9,554,856	425.18	228	9,646,296	429.25
4011- 4020	1	0.13	724	97.31	21	2.82	723	97.17	4,019	9,558,875	425.36	219	9,646,515	429.26
4021- 4030	1	0.13	725	97.44	20	2.68	724	97.31	4,022	9,562,897	425.53	202	9,646,717	429.26
4031- 4040	3	0.40	728	97.84	19	2.55	725	97.44	12,110	9,575,007	426.07	210	9,646,927	429.27
4041- 4050	4	0.53	732	98.38	16	2.15	728	97.84	16,182	9,591,189	426.79	182	9,647,109	429.28
4061- 4070	1	0.13	733	98.52	12	1.61	732	98.38	4,064	9,599,309	427.16	124	9,651,409	429.47
4071- 4080	2	0.26	735	98.79	11	1.47	733	98.52	8,152	9,607,461	427.52	122	9,651,531	429.48
4111- 4120	2	0.26	737	99.05	9	1.20	735	98.79	12,353	9,619,814	428.07	4,223	9,656,024	429.68
4131- 4140	2	0.26	739	99.32	7	0.94	737	99.05	8,269	9,628,083	428.44	79	9,656,173	429.69
4151- 4160	1	0.13	740	99.46	5	0.67	739	99.32	4,155	9,632,238	428.62	55	9,656,278	429.69
4241- 4250	1	0.13	741	99.59	4	0.53	740	99.46	4,243	9,649,057	429.37	43	9,669,217	430.27
4251- 4260	1	0.13	742	99.73	3	0.40	741	99.59	4,260	9,653,317	429.56	40	9,669,257	430.27
4261- 4270	1	0.13	743	99.86	2	0.26	742	99.73	4,262	9,657,579	429.75	22	9,669,279	430.27
4321- 4330	1	0.13	744	100.00	1	0.13	743	99.86	4,322	9,661,901	429.94	12	9,669,341	430.27

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 2,247,239

PEAK MWH OF 4322 OCCURRED ON 03-04-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
04-01-82 TO 04-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
0- 10	1	0.13	1	0.13	720	100.00	0	0.00	0	0	0.00	7,200	7,200	0.37
1541- 1550	1	0.13	2	0.27	719	99.86	1	0.13	3,090	74,323	3.85	8,740	1,187,243	61.57
1551- 1560	1	0.13	3	0.41	718	99.72	2	0.27	10,879	85,202	4.41	16,509	1,203,752	62.43
1581- 1590	5	0.69	8	1.11	717	99.58	3	0.41	12,690	116,714	6.05	11,960	1,248,874	64.77
1601- 1610	3	0.41	11	1.52	712	98.88	8	1.11	14,436	134,344	6.96	16,756	1,275,944	66.17
1621- 1630	1	0.13	12	1.66	709	98.47	11	1.52	14,617	157,043	8.14	20,087	1,311,203	68.00
1631- 1640	3	0.41	15	2.08	708	98.33	12	1.66	13,087	170,130	8.82	15,277	1,326,480	68.79
1661- 1670	1	0.13	16	2.22	705	97.91	15	2.08	6,661	213,111	11.05	12,051	1,388,951	72.03
1671- 1680	1	0.13	17	2.36	704	97.77	16	2.22	15,075	228,186	11.83	20,445	1,409,396	73.09
1691- 1700	1	0.13	18	2.49	703	97.63	17	2.36	23,715	262,017	13.58	29,055	1,455,597	75.49
1701- 1710	1	0.13	19	2.63	702	97.49	18	2.49	15,369	277,386	14.38	20,689	1,476,286	76.56
1711- 1720	1	0.13	20	2.77	701	97.36	19	2.63	18,871	296,257	15.36	24,171	1,500,457	77.82
1721- 1730	2	0.27	22	3.05	700	97.22	20	2.77	18,973	315,230	16.34	22,533	1,522,990	78.99
1731- 1740	2	0.27	24	3.33	698	96.94	22	3.05	29,494	344,724	17.87	33,014	1,556,004	80.70
1741- 1750	1	0.13	25	3.47	696	96.66	24	3.33	15,715	360,439	18.69	20,935	1,576,939	81.78
1761- 1770	2	0.27	27	3.74	695	96.52	25	3.47	21,199	407,958	21.15	24,629	1,634,838	84.79
1781- 1790	2	0.27	29	4.02	693	96.24	27	3.74	28,563	450,728	23.37	31,933	1,687,908	87.54
1791- 1800	1	0.13	30	4.16	691	95.97	29	4.02	28,729	479,457	24.86	33,849	1,721,757	89.30
1801- 1810	1	0.13	31	4.30	690	95.83	30	4.16	32,510	511,967	26.55	37,610	1,759,367	91.25
1811- 1820	2	0.27	33	4.58	689	95.69	31	4.30	29,039	541,006	28.05	32,309	1,791,676	92.92
1821- 1830	3	0.41	36	4.99	687	95.41	33	4.58	45,645	586,651	30.42	47,055	1,838,731	95.36
1831- 1840	1	0.13	37	5.13	684	94.99	36	4.99	29,383	616,034	31.95	34,393	1,873,124	97.15
1851- 1860	2	0.27	39	5.41	683	94.86	37	5.13	33,413	682,677	35.40	36,543	1,949,727	101.12
1861- 1870	3	0.41	42	5.83	681	94.58	39	5.41	50,371	733,048	38.02	51,601	2,001,328	103.80
1871- 1880	4	0.55	46	6.38	678	94.16	42	5.83	31,891	764,939	39.67	31,191	2,032,519	105.41
1881- 1890	3	0.41	49	6.80	674	93.61	46	6.38	32,071	797,010	41.33	33,171	2,065,690	107.13
1891- 1900	2	0.27	51	7.08	671	93.19	49	6.80	26,522	823,532	42.71	29,452	2,095,142	108.66
1901- 1910	3	0.41	54	7.49	669	92.91	51	7.08	38,120	861,652	44.69	39,110	2,134,252	110.69
1911- 1920	4	0.55	58	8.05	666	92.49	54	7.49	45,995	907,647	47.07	45,015	2,179,267	113.03
1921- 1930	2	0.27	60	8.33	662	91.94	58	8.05	32,751	940,398	48.77	35,531	2,214,798	114.87
1931- 1940	3	0.41	63	8.74	660	91.66	60	8.33	27,094	967,492	50.18	27,904	2,242,702	116.32
1941- 1950	3	0.41	66	9.16	657	91.24	63	8.74	35,021	1,002,513	51.99	35,771	2,278,473	118.17
1951- 1960	5	0.69	71	9.86	654	90.83	66	9.16	48,883	1,051,396	54.53	45,673	2,324,146	120.54
1961- 1970	2	0.27	73	10.13	649	90.13	71	9.86	27,509	1,078,905	55.95	30,079	2,354,225	122.10
1971- 1980	1	0.13	74	10.27	647	89.86	73	10.13	23,706	1,102,611	57.18	28,206	2,382,431	123.56
1981- 1990	7	0.97	81	11.24	646	89.72	74	10.27	49,601	1,152,212	59.76	42,201	2,424,632	125.75
1991- 2000	3	0.41	84	11.66	639	88.74	81	11.24	39,893	1,192,105	61.82	40,313	2,464,945	127.84
2001- 2010	3	0.41	87	12.08	636	88.33	84	11.66	36,099	1,228,204	63.70	36,459	2,501,404	129.73
2011- 2020	6	0.83	93	12.91	633	87.91	87	12.08	46,334	1,274,538	66.10	40,604	2,542,008	131.84
2021- 2030	5	0.69	98	13.61	627	87.08	93	12.91	38,477	1,313,015	68.10	34,647	2,576,655	133.64
2031- 2040	9	1.24	107	14.86	622	86.38	98	13.61	30,534	1,343,549	69.68	18,484	2,595,139	134.59
2051- 2060	4	0.55	111	15.41	613	85.13	107	14.86	22,644	1,394,839	72.34	20,574	2,650,489	137.47
2061- 2070	7	0.97	118	16.38	609	84.58	111	15.41	39,251	1,434,090	74.38	30,921	2,681,410	139.07
2071- 2080	1	0.13	119	16.52	602	83.61	118	16.38	18,682	1,452,772	75.34	22,632	2,704,042	140.24
2081- 2090	3	0.41	122	16.94	601	83.47	119	16.52	35,461	1,488,233	77.18	35,231	2,739,273	142.07
2091- 2100	3	0.41	125	17.36	598	83.05	122	16.94	29,338	1,517,571	78.71	29,048	2,768,321	143.58
2101- 2110	8	1.11	133	18.47	595	82.63	125	17.36	56,836	1,574,407	81.65	45,986	2,814,307	145.96
2111- 2120	4	0.55	137	19.02	587	81.52	133	18.47	27,505	1,601,912	83.08	24,935	2,839,242	147.26
2121- 2130	4	0.55	141	19.58	583	80.97	137	19.02	31,878	1,633,790	84.73	29,228	2,868,470	148.77
2131- 2140	2	0.27	143	19.86	579	80.41	141	19.58	19,219	1,653,009	85.73	20,749	2,889,219	149.85
2141- 2150	4	0.55	147	20.41	577	80.13	143	19.86	32,188	1,685,197	87.40	29,398	2,918,617	151.37
2151- 2160	7	0.97	154	21.38	573	79.58	147	20.41	36,644	1,721,841	89.30	27,324	2,945,941	152.79
2161- 2170	6	0.83	160	22.22	566	78.61	154	21.38	32,487	1,754,328	90.99	25,187	2,971,128	154.10
2171- 2180	3	0.41	163	22.63	560	77.77	160	22.22	21,755	1,776,083	92.11	20,845	2,991,973	155.18

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
04-01-82 TO 04-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2181- 2190	4	0.55	167	23.19	557	77.36	163	22.63	34,956	1,811,039	93.93	31,806	3,023,779	156.83
2191- 2200	5	0.69	172	23.88	553	76.80	167	23.19	46,090	1,857,129	96.32	40,670	3,064,449	158.94
2201- 2210	6	0.83	178	24.72	548	76.11	172	23.88	30,870	1,887,999	97.92	23,150	3,087,599	160.14
2211- 2220	6	0.83	184	25.55	542	75.27	178	24.72	42,102	1,930,101	100.10	34,262	3,121,861	161.91
2221- 2230	5	0.69	189	26.24	536	74.44	184	25.55	37,832	1,967,933	102.06	32,092	3,153,953	163.58
2231- 2240	6	0.83	195	27.08	531	73.74	189	26.24	51,413	2,019,346	104.73	43,343	3,197,296	165.83
2241- 2250	4	0.55	199	27.63	525	72.91	195	27.08	49,413	2,068,759	107.29	45,703	3,242,999	168.20
2251- 2260	5	0.69	204	28.33	521	72.36	199	27.63	29,328	2,098,087	108.81	23,288	3,266,287	169.40
2261- 2270	4	0.55	208	28.88	516	71.66	204	28.33	49,842	2,147,929	111.40	45,962	3,312,249	171.79
2271- 2280	3	0.41	211	29.30	512	71.11	208	28.88	52,339	2,200,268	114.11	50,649	3,362,898	174.42
2281- 2290	5	0.69	216	29.99	509	70.69	211	29.30	41,143	2,241,411	116.25	34,833	3,397,731	176.22
2291- 2300	4	0.55	220	30.55	504	69.99	216	29.99	34,438	2,275,849	118.03	30,318	3,428,049	177.79
2301- 2310	4	0.55	224	31.11	500	69.44	220	30.55	43,831	2,319,680	120.31	39,631	3,467,680	179.85
2311- 2320	2	0.27	226	31.38	496	68.88	224	31.11	34,751	2,354,431	122.11	35,091	3,502,771	181.67
2321- 2330	3	0.41	229	31.80	494	68.61	226	31.38	32,567	2,386,998	123.80	30,547	3,533,318	183.25
2331- 2340	3	0.41	232	32.22	491	68.19	229	31.80	39,701	2,426,699	125.86	37,621	3,570,939	185.21
2341- 2350	6	0.83	238	33.05	488	67.77	232	32.22	51,613	2,478,312	128.54	42,453	3,613,392	187.41
2351- 2360	6	0.83	244	33.88	482	66.94	238	33.05	32,974	2,511,286	130.25	23,694	3,637,086	188.64
2361- 2370	4	0.55	248	34.44	476	66.11	244	33.88	23,662	2,534,948	131.47	18,982	3,656,068	189.62
2371- 2380	3	0.41	251	34.86	472	65.55	248	34.44	26,136	2,561,084	132.83	23,746	3,679,814	190.85
2381- 2390	3	0.41	254	35.27	469	65.13	251	34.86	35,770	2,596,854	134.68	33,320	3,713,134	192.58
2391- 2400	2	0.27	256	35.55	466	64.72	254	35.27	19,162	2,616,016	135.68	19,042	3,732,176	193.57
2401- 2410	3	0.41	259	35.97	464	64.44	256	35.55	28,861	2,644,877	137.17	26,301	3,758,477	194.93
2411- 2420	3	0.41	262	36.38	461	64.02	259	35.97	21,748	2,666,625	138.30	19,128	3,777,605	195.92
2421- 2430	3	0.41	265	36.80	458	63.61	262	36.38	29,108	2,695,733	139.81	26,428	3,804,033	197.30
2431- 2440	7	0.97	272	37.77	455	63.19	265	36.80	48,688	2,744,421	142.34	36,228	3,840,261	199.17
2441- 2450	4	0.55	276	38.33	448	62.22	272	37.77	31,773	2,776,194	143.99	26,493	3,866,754	200.55
2451- 2460	2	0.27	278	38.61	444	61.66	276	38.33	24,550	2,800,744	145.26	24,090	3,890,844	201.80
2461- 2470	3	0.41	281	39.02	442	61.38	278	38.61	32,033	2,832,777	146.92	29,073	3,919,917	203.31
2471- 2480	5	0.69	286	39.72	439	60.97	281	39.02	32,180	2,864,957	148.59	24,220	3,944,137	204.56
2481- 2490	3	0.41	289	40.13	434	60.27	286	39.72	29,819	2,894,776	150.14	26,719	3,970,856	205.95
2491- 2500	1	0.13	290	40.27	431	59.86	289	40.13	22,457	2,917,233	151.30	24,277	3,995,133	207.21
2501- 2510	4	0.55	294	40.83	430	59.72	290	40.27	27,577	2,944,810	152.73	21,877	4,017,010	208.34
2511- 2520	1	0.13	295	40.97	426	59.16	294	40.83	12,577	2,957,387	153.38	14,327	4,031,337	209.08
2521- 2530	4	0.55	299	41.52	425	59.02	295	40.97	27,776	2,985,163	154.82	21,946	4,053,283	210.22
2531- 2540	1	0.13	300	41.66	421	58.47	299	41.52	15,209	3,000,372	155.61	16,889	4,070,172	211.10
2561- 2570	2	0.27	302	41.94	420	58.33	300	41.66	28,216	3,061,733	158.80	27,296	4,139,013	214.67
2571- 2580	3	0.41	305	42.36	418	58.05	302	41.94	18,030	3,079,763	159.73	14,500	4,153,513	215.42
2581- 2590	2	0.27	307	42.63	415	57.63	305	42.36	33,587	3,113,350	161.47	32,577	4,186,090	217.11
2591- 2600	2	0.27	309	42.91	413	57.36	307	42.63	28,563	3,141,913	162.95	27,513	4,213,603	218.54
2601- 2610	3	0.41	312	43.33	411	57.08	309	42.91	31,276	3,173,189	164.58	27,586	4,241,189	219.97
2611- 2620	5	0.69	317	44.02	408	56.66	312	43.33	23,526	3,196,715	165.80	14,556	4,255,745	220.72
2621- 2630	3	0.41	320	44.44	403	55.97	317	44.02	23,634	3,220,349	167.02	19,804	4,275,549	221.75
2631- 2640	4	0.55	324	44.99	400	55.55	320	44.44	34,275	3,254,624	168.80	27,755	4,303,304	223.19
2641- 2650	1	0.13	325	45.13	396	54.99	324	44.99	26,460	3,281,084	170.17	27,780	4,331,084	224.63
2651- 2660	4	0.55	329	45.69	395	54.86	325	45.13	50,453	3,331,537	172.79	43,803	4,374,887	226.90
2661- 2670	4	0.55	333	46.24	391	54.30	329	45.69	32,000	3,363,537	174.45	25,270	4,400,157	228.21
2671- 2680	4	0.55	337	46.80	387	53.74	333	46.24	34,783	3,398,320	176.25	27,973	4,428,130	229.66
2681- 2690	1	0.13	338	46.94	383	53.19	337	46.80	32,228	3,430,548	177.92	33,378	4,461,508	231.40
2691- 2700	5	0.69	343	47.63	382	53.05	338	46.94	21,576	3,452,124	179.04	11,946	4,473,454	232.02
2701- 2710	4	0.55	347	48.19	377	52.36	343	47.63	32,460	3,484,584	180.73	25,430	4,498,884	233.33
2711- 2720	1	0.13	348	48.33	373	51.80	347	48.19	21,716	3,506,300	181.85	22,736	4,521,620	234.51
2721- 2730	3	0.41	351	48.74	372	51.66	348	48.33	32,699	3,538,999	183.55	28,259	4,549,879	235.98
2731- 2740	5	0.69	356	49.44	369	51.24	351	48.74	30,076	3,569,075	185.11	20,116	4,569,995	237.02
2741- 2750	3	0.41	359	49.86	364	50.55	356	49.44	27,453	3,596,528	186.53	22,873	4,592,868	238.21

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
04-01-82 TO 04-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

NW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2751- 2760	2	0.27	361	50.13	361	50.13	359	49.86	33,076	3,629,604	188.25	31,186	4,624,054	239.83
2761- 2770	4	0.55	365	50.69	359	49.86	361	50.13	52,544	3,682,148	190.97	45,094	4,669,148	242.17
2771- 2780	4	0.55	369	51.24	355	49.30	365	50.69	30,538	3,712,686	192.56	23,008	4,692,156	243.36
2781- 2790	4	0.55	373	51.80	351	48.74	369	51.24	69,668	3,782,354	196.17	62,058	4,754,214	246.58
2791- 2800	4	0.55	377	52.36	347	48.19	373	51.80	50,341	3,832,695	198.78	42,651	4,796,865	248.79
2801- 2810	3	0.41	380	52.77	343	47.63	377	52.36	47,710	3,880,405	201.26	42,740	4,839,605	251.01
2811- 2820	1	0.13	381	52.91	340	47.22	380	52.77	45,044	3,925,449	203.59	45,634	4,885,239	253.37
2821- 2830	5	0.69	386	53.61	339	47.08	381	52.91	59,340	3,984,789	206.67	48,630	4,933,869	255.90
2831- 2840	6	0.83	392	54.44	334	46.38	386	53.61	68,081	4,052,870	210.20	54,441	4,988,310	258.72
2841- 2850	7	0.97	399	55.41	328	45.55	392	54.44	54,104	4,106,974	213.01	37,504	5,025,814	260.66
2851- 2860	4	0.55	403	55.97	321	44.58	399	55.41	51,421	4,158,395	215.67	43,231	5,069,045	262.91
2861- 2870	6	0.83	409	56.80	317	44.02	403	55.97	60,165	4,218,560	218.80	46,175	5,115,220	265.30
2871- 2880	7	0.97	416	57.77	311	43.19	409	56.80	51,785	4,270,345	221.48	34,805	5,150,025	267.11
2881- 2890	7	0.97	423	58.74	304	42.22	416	57.77	63,458	4,333,803	224.77	46,338	5,196,363	269.51
2891- 2900	7	0.97	430	59.72	297	41.24	423	58.74	46,328	4,380,131	227.18	29,068	5,225,431	271.02
2901- 2910	10	1.38	440	61.11	290	40.27	430	59.72	46,493	4,426,624	229.59	20,393	5,245,824	272.08
2911- 2920	8	1.11	448	62.22	280	38.88	440	61.11	55,368	4,481,992	232.46	34,888	5,280,712	273.88
2921- 2930	7	0.97	455	63.19	272	37.77	448	62.22	70,191	4,552,183	236.10	52,471	5,333,183	276.61
2931- 2940	8	1.11	463	64.30	265	36.80	455	63.19	73,395	4,625,578	239.91	52,605	5,385,788	279.33
2941- 2950	6	0.83	469	65.13	257	35.69	463	64.30	38,298	4,663,876	241.89	23,228	5,409,016	280.54
2951- 2960	12	1.66	481	66.80	251	34.86	469	65.13	91,630	4,755,506	246.64	58,740	5,467,756	283.59
2961- 2970	7	0.97	488	67.77	239	33.19	481	66.80	53,391	4,808,897	249.41	35,061	5,502,817	285.40
2971- 2980	2	0.27	490	68.05	232	32.22	488	67.77	62,505	4,871,402	252.66	58,885	5,561,702	288.46
2981- 2990	5	0.69	495	68.75	230	31.94	490	68.05	47,769	4,919,171	255.13	35,169	5,596,871	290.28
2991- 3000	10	1.38	505	70.13	225	31.25	495	68.75	71,905	4,991,076	258.86	44,255	5,641,126	292.58
3001- 3010	6	0.83	511	70.97	215	29.86	505	70.13	69,129	5,060,205	262.45	53,279	5,694,405	295.34
3011- 3020	4	0.55	515	71.52	209	29.02	511	70.97	57,284	5,117,489	265.42	47,334	5,741,739	297.80
3021- 3030	8	1.11	523	72.63	205	28.47	515	71.52	69,572	5,187,061	269.03	47,462	5,789,201	300.26
3031- 3040	5	0.69	528	73.33	197	27.36	523	72.63	69,836	5,256,897	272.65	56,656	5,845,857	303.20
3041- 3050	5	0.69	533	74.02	192	26.66	528	73.33	60,900	5,317,797	275.81	47,620	5,893,477	305.67
3051- 3060	3	0.41	536	74.44	187	25.97	533	74.02	58,064	5,375,861	278.82	50,784	5,944,261	308.30
3061- 3070	5	0.69	541	75.13	184	25.55	536	74.44	61,297	5,437,158	282.00	47,837	5,992,098	310.78
3071- 3080	7	0.97	548	76.11	179	24.86	541	75.13	61,506	5,498,664	285.19	41,806	6,033,904	312.95
3081- 3090	7	0.97	555	77.08	172	23.88	548	76.11	107,992	5,606,656	290.79	88,152	6,122,056	317.52
3091- 3100	8	1.11	563	78.19	165	22.91	555	77.08	89,751	5,696,407	295.45	66,681	6,188,737	320.98
3101- 3110	7	0.97	570	79.16	157	21.80	563	78.19	90,035	5,786,442	300.12	69,905	6,258,642	324.61
3111- 3120	4	0.55	574	79.72	150	20.83	570	79.16	59,187	5,845,629	303.18	48,247	6,306,889	327.11
3121- 3130	3	0.41	577	80.13	146	20.27	574	79.72	56,261	5,901,890	306.10	48,361	6,355,250	329.62
3131- 3140	5	0.69	582	80.83	143	19.86	577	80.13	62,700	5,964,590	309.35	48,480	6,403,730	332.13
3141- 3150	7	0.97	589	81.80	138	19.16	582	80.83	78,655	6,043,245	313.43	58,055	6,461,785	335.14
3151- 3160	4	0.55	593	82.36	131	18.19	589	81.80	47,308	6,090,553	315.89	36,018	6,497,803	337.01
3161- 3170	6	0.83	599	83.19	127	17.63	593	82.36	94,983	6,185,536	320.81	77,293	6,575,096	341.02
3171- 3180	2	0.27	601	83.47	121	16.80	599	83.19	41,272	6,226,808	322.96	36,142	6,611,238	342.89
3181- 3190	6	0.83	607	84.30	119	16.52	601	83.47	60,526	6,287,334	326.09	42,636	6,653,874	345.11
3191- 3200	3	0.41	610	84.72	113	15.69	607	84.30	51,144	6,338,478	328.75	42,704	6,696,578	347.32
3201- 3210	3	0.41	613	85.13	110	15.27	610	84.72	54,502	6,392,980	331.57	46,002	6,742,580	349.71
3211- 3220	5	0.69	618	85.83	107	14.86	613	85.13	44,997	6,437,977	333.91	30,017	6,772,597	351.26
3221- 3230	7	0.97	625	86.80	102	14.16	618	85.83	67,737	6,505,714	337.42	46,217	6,818,814	353.66
3231- 3240	2	0.27	627	87.08	95	13.19	625	86.80	42,062	6,547,776	339.60	36,552	6,855,366	355.56
3241- 3250	2	0.27	629	87.36	93	12.91	627	87.08	25,955	6,573,731	340.95	20,405	6,875,771	356.61
3251- 3260	7	0.97	636	88.33	91	12.63	629	87.36	48,842	6,622,573	343.48	27,002	6,902,773	358.01
3261- 3270	2	0.27	638	88.61	84	11.66	636	88.33	26,127	6,648,700	344.84	20,447	6,923,220	359.08
3271- 3280	3	0.41	641	89.02	82	11.38	638	88.61	26,213	6,674,913	346.20	17,223	6,940,443	359.97
3281- 3290	2	0.27	643	89.30	79	10.97	641	89.02	42,713	6,717,626	348.41	36,943	6,977,386	361.88
3291- 3300	2	0.27	645	89.58	77	10.69	643	89.30	13,191	6,730,817	349.10	7,381	6,984,767	362.27

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
04-01-82 TO 04-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3301- 3310	1	0.13	646	89.72	75	10.41	645	89.58	23,154	6,753,971	350.30	20,604	7,005,371	363.34
3311- 3320	1	0.13	647	89.86	74	10.27	646	89.72	13,273	6,767,244	350.99	10,703	7,016,074	363.89
3321- 3330	2	0.27	649	90.13	73	10.13	647	89.86	16,625	6,783,869	351.85	10,715	7,026,789	364.45
3331- 3340	3	0.41	652	90.55	71	9.86	649	90.13	16,675	6,800,544	352.71	7,395	7,034,184	364.83
3341- 3350	4	0.55	656	91.11	68	9.44	652	90.55	30,108	6,830,652	354.27	17,428	7,051,612	365.73
3361- 3370	1	0.13	657	91.24	64	8.88	656	91.11	13,464	6,857,539	355.67	10,744	7,076,419	367.02
3371- 3380	2	0.27	659	91.52	63	8.74	657	91.24	33,753	6,891,292	357.42	27,643	7,104,062	368.45
3391- 3400	2	0.27	661	91.80	61	8.47	659	91.52	13,579	6,908,255	358.30	7,409	7,115,465	369.05
3401- 3410	2	0.27	663	92.08	59	8.19	661	91.80	10,214	6,918,469	358.83	4,004	7,119,469	369.25
3411- 3420	1	0.13	664	92.22	57	7.91	663	92.08	17,086	6,935,555	359.72	14,246	7,133,715	369.99
3421- 3430	3	0.41	667	92.63	56	7.77	664	92.22	17,129	6,952,684	360.60	7,429	7,141,144	370.38
3431- 3440	2	0.27	669	92.91	53	7.36	667	92.63	17,164	6,969,848	361.49	10,834	7,151,978	370.94
3441- 3450	5	0.69	674	93.61	51	7.08	669	92.91	31,010	7,000,858	363.10	14,320	7,166,298	371.68
3451- 3460	1	0.13	675	93.75	46	6.38	674	93.61	20,731	7,021,589	364.18	17,741	7,184,039	372.60
3461- 3470	2	0.27	677	94.02	45	6.25	675	93.75	24,260	7,045,849	365.44	17,790	7,201,829	373.53
3541- 3550	1	0.13	678	94.16	43	5.97	677	94.02	17,738	7,144,081	370.53	14,628	7,299,961	378.62
3581- 3590	1	0.13	679	94.30	42	5.83	678	94.16	7,177	7,179,792	372.38	4,017	7,333,772	380.37
3591- 3600	1	0.13	680	94.44	41	5.69	679	94.30	10,791	7,190,583	372.94	7,611	7,341,383	380.76
3601- 3610	1	0.13	681	94.58	40	5.55	680	94.44	7,206	7,197,789	373.32	4,006	7,345,389	380.97
3611- 3620	1	0.13	682	94.72	39	5.41	681	94.58	14,461	7,212,250	374.07	11,241	7,356,630	381.55
3631- 3640	1	0.13	683	94.86	38	5.27	682	94.72	3,640	7,215,890	374.26	390	7,357,400	381.59
3651- 3660	1	0.13	684	94.99	37	5.13	683	94.86	7,307	7,226,839	374.82	4,027	7,365,439	382.01
3661- 3670	1	0.13	685	95.13	36	4.99	684	94.99	7,330	7,234,169	375.20	4,030	7,369,469	382.22
3671- 3680	1	0.13	686	95.27	35	4.86	685	95.13	3,671	7,237,840	375.39	351	7,369,820	382.24
3691- 3700	2	0.27	688	95.55	34	4.72	686	95.27	11,081	7,256,292	376.35	4,041	7,381,572	382.85
3701- 3710	4	0.55	692	96.11	32	4.44	688	95.55	18,532	7,274,824	377.31	4,052	7,385,624	383.06
3711- 3720	2	0.27	694	96.38	28	3.88	692	96.11	7,431	7,282,255	377.70	291	7,385,915	383.07
3731- 3740	2	0.27	696	96.66	26	3.61	694	96.38	7,471	7,289,726	378.08	271	7,386,446	383.10
3741- 3750	1	0.13	697	96.80	24	3.33	696	96.66	3,744	7,293,470	378.28	244	7,386,690	383.11
3761- 3770	1	0.13	698	96.94	23	3.19	697	96.80	7,537	7,301,007	378.67	4,007	7,390,927	383.33
3771- 3780	1	0.13	699	97.08	22	3.05	698	96.94	3,775	7,304,782	378.87	225	7,391,152	383.35
3781- 3790	1	0.13	700	97.22	21	2.91	699	97.08	3,790	7,308,572	379.06	220	7,391,372	383.36
3801- 3810	2	0.27	702	97.49	20	2.77	700	97.22	7,616	7,323,783	379.85	216	7,399,383	383.77
3811- 3820	1	0.13	703	97.63	18	2.49	702	97.49	3,820	7,327,603	380.05	190	7,399,573	383.78
3821- 3830	1	0.13	704	97.77	17	2.36	703	97.63	3,826	7,331,429	380.25	176	7,399,749	383.79
3861- 3870	1	0.13	705	97.91	16	2.22	704	97.77	7,733	7,346,842	381.05	4,033	7,411,942	384.42
3881- 3890	1	0.13	706	98.05	15	2.08	705	97.91	7,770	7,354,612	381.45	4,040	7,416,132	384.64
3891- 3900	1	0.13	707	98.19	14	1.94	706	98.05	3,891	7,358,503	381.65	141	7,416,273	384.65
3901- 3910	1	0.13	708	98.33	13	1.80	707	98.19	3,904	7,362,407	381.85	134	7,416,407	384.66
3911- 3920	2	0.27	710	98.61	12	1.66	708	98.33	7,828	7,370,235	382.26	128	7,416,535	384.66
3921- 3930	1	0.13	711	98.74	10	1.38	710	98.61	3,927	7,374,162	382.46	107	7,416,642	384.67
3931- 3940	1	0.13	712	98.88	9	1.24	711	98.74	3,932	7,378,094	382.67	92	7,416,734	384.67
3941- 3950	1	0.13	713	99.02	8	1.11	712	98.88	7,887	7,385,981	383.08	4,027	7,420,761	384.88
3951- 3960	1	0.13	714	99.16	7	0.97	713	99.02	3,953	7,389,934	383.28	73	7,420,834	384.88
3971- 3980	1	0.13	715	99.30	6	0.83	714	99.16	3,977	7,393,911	383.49	67	7,420,961	384.89
4051- 4060	1	0.13	716	99.44	5	0.69	715	99.30	4,056	7,397,967	383.70	56	7,421,367	384.91
4111- 4120	1	0.13	717	99.58	4	0.55	716	99.44	4,119	7,402,086	383.91	49	7,421,616	384.93
4181- 4190	2	0.27	719	99.86	3	0.41	717	99.58	8,575	7,410,461	384.35	45	7,421,841	384.94
4201- 4210	1	0.13	720	100.00	1	0.13	719	99.86	4,201	7,414,662	384.56	11	7,421,862	384.94

TOTAL NUMBER OF HOURS IN STUDY IS 720

TOTAL MWH IN STUDY IS 1,928,042

PEAK MWH OF 4201 OCCURRED ON 04-07-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
05-01-82 TO 05-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/17/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1411- 1420	1	0.13	1	0.13	744	100.00	0	0.00	1,420	16,152	0.90	7,450	1,071,222	60.06
1421- 1430	1	0.13	2	0.26	743	99.86	1	0.13	1,429	17,581	0.98	7,439	1,078,661	60.48
1431- 1440	1	0.13	3	0.40	742	99.73	2	0.26	2,878	20,459	1.14	8,868	1,087,529	60.97
1441- 1450	3	0.40	6	0.80	741	99.59	3	0.40	5,781	26,240	1.47	8,871	1,096,400	61.47
1451- 1460	1	0.13	7	0.94	738	99.19	6	0.80	4,366	30,606	1.71	10,296	1,106,696	62.05
1461- 1470	1	0.13	8	1.07	737	99.05	7	0.94	1,462	32,068	1.79	7,372	1,114,068	62.46
1471- 1480	3	0.40	11	1.47	736	98.92	8	1.07	5,916	37,984	2.12	8,866	1,122,934	62.96
1481- 1490	1	0.13	12	1.61	733	98.52	11	1.47	4,457	42,441	2.37	10,307	1,133,241	63.54
1491- 1500	2	0.26	14	1.88	732	98.38	12	1.61	5,980	48,421	2.71	10,320	1,143,561	64.12
1521- 1530	3	0.40	17	2.28	730	98.11	14	1.88	12,195	68,163	3.82	14,935	1,180,643	66.19
1531- 1540	1	0.13	18	2.41	727	97.71	17	2.28	3,070	71,233	3.99	8,810	1,189,453	66.69
1541- 1550	1	0.13	19	2.55	726	97.58	18	2.41	1,541	72,774	4.08	7,261	1,196,714	67.10
1551- 1560	1	0.13	20	2.68	725	97.44	19	2.55	9,326	82,100	4.60	15,026	1,211,740	67.94
1561- 1570	5	0.67	25	3.36	724	97.31	20	2.68	14,093	96,193	5.39	13,533	1,225,273	68.70
1571- 1580	1	0.13	26	3.49	719	96.63	25	3.36	4,729	100,922	5.65	10,349	1,235,622	69.28
1591- 1600	1	0.13	27	3.62	718	96.50	26	3.49	3,194	108,877	6.10	8,784	1,256,347	70.44
1601- 1610	3	0.40	30	4.03	717	96.37	27	3.62	9,624	118,501	6.64	11,994	1,268,341	71.11
1611- 1620	3	0.40	33	4.43	714	95.96	30	4.03	8,082	126,583	7.09	10,392	1,278,733	71.69
1621- 1630	3	0.40	36	4.83	711	95.56	33	4.43	12,994	139,577	7.82	15,244	1,293,977	72.55
1631- 1640	3	0.40	39	5.24	708	95.16	36	4.83	8,179	147,756	8.28	10,369	1,304,346	73.13
1641- 1650	7	0.94	46	6.18	705	94.75	39	5.24	18,107	165,863	9.30	13,677	1,318,023	73.90
1651- 1660	6	0.80	52	6.98	698	93.81	46	6.18	18,213	184,076	10.32	15,293	1,333,316	74.75
1661- 1670	1	0.13	53	7.12	692	93.01	52	6.98	4,994	189,070	10.60	10,254	1,343,570	75.33
1671- 1680	3	0.40	56	7.52	691	92.87	53	7.12	13,402	202,472	11.35	15,302	1,358,872	76.19
1681- 1690	2	0.26	58	7.79	688	92.47	56	7.52	10,116	212,588	11.91	13,636	1,372,508	76.95
1691- 1700	4	0.53	62	8.33	686	92.20	58	7.79	22,024	234,612	13.15	22,124	1,394,632	78.19
1701- 1710	4	0.53	66	8.87	682	91.66	62	8.33	13,664	248,276	13.92	13,684	1,408,316	78.96
1711- 1720	3	0.40	69	9.27	678	91.12	66	8.87	17,157	265,433	14.88	18,807	1,427,123	80.01
1721- 1730	2	0.26	71	9.54	675	90.72	69	9.27	15,526	280,959	15.75	18,836	1,445,959	81.07
1731- 1740	5	0.67	76	10.21	673	90.45	71	9.54	26,024	306,983	17.21	24,104	1,470,063	82.42
1741- 1750	4	0.53	80	10.75	668	89.78	76	10.21	13,968	320,951	17.99	13,688	1,483,751	83.19
1751- 1760	6	0.80	86	11.55	664	89.24	80	10.75	26,320	347,271	19.47	22,460	1,506,211	84.45
1761- 1770	2	0.26	88	11.82	658	88.44	86	11.55	17,669	364,940	20.46	20,729	1,526,940	85.61
1771- 1780	2	0.26	90	12.09	656	88.17	88	11.82	14,207	379,147	21.25	17,227	1,544,167	86.58
1781- 1790	6	0.80	96	12.90	654	87.90	90	12.09	25,000	404,147	22.66	20,860	1,565,027	87.75
1791- 1800	6	0.80	102	13.70	648	87.09	96	12.90	26,932	431,079	24.17	22,672	1,587,699	89.02
1801- 1810	9	1.20	111	14.91	642	86.29	102	13.70	30,706	461,785	25.89	20,926	1,608,625	90.19
1811- 1820	6	0.80	117	15.72	633	85.08	111	14.91	25,414	487,199	27.31	20,884	1,629,509	91.36
1821- 1830	11	1.47	128	17.20	627	84.27	117	15.72	40,173	527,372	29.57	26,423	1,655,932	92.84
1831- 1840	6	0.80	134	18.01	616	82.79	128	17.20	27,551	554,923	31.11	22,731	1,678,663	94.12
1841- 1850	7	0.94	141	18.95	610	81.98	134	18.01	33,230	588,153	32.97	26,450	1,705,113	95.60
1851- 1860	8	1.07	149	20.02	603	81.04	141	18.95	29,706	617,859	34.64	20,936	1,726,049	96.78
1861- 1870	9	1.20	158	21.23	595	79.97	149	20.02	44,776	662,635	37.15	33,986	1,760,035	98.68
1871- 1880	6	0.80	164	22.04	586	78.76	158	21.23	24,382	687,017	38.52	19,022	1,779,057	99.75
1881- 1890	6	0.80	170	22.84	580	77.95	164	22.04	26,415	713,432	40.00	20,935	1,799,992	100.92
1891- 1900	1	0.13	171	22.98	574	77.15	170	22.84	22,739	736,171	41.27	26,589	1,826,581	102.41
1901- 1910	4	0.53	175	23.52	573	77.01	171	22.98	32,401	768,572	43.09	30,531	1,857,112	104.12
1911- 1920	8	1.07	183	24.59	569	76.47	175	23.52	38,325	806,897	45.24	28,735	1,885,847	105.74
1921- 1930	5	0.67	188	25.26	561	75.40	183	24.59	28,891	835,788	46.86	24,901	1,910,748	107.13
1931- 1940	3	0.40	191	25.67	556	74.73	188	25.26	21,287	857,075	48.05	21,057	1,931,805	108.31
1941- 1950	4	0.53	195	26.20	553	74.32	191	25.67	29,180	886,255	49.69	26,950	1,958,755	109.82
1951- 1960	6	0.80	201	27.01	549	73.79	195	26.20	39,106	925,361	51.88	32,896	1,991,651	111.67
1961- 1970	4	0.53	205	27.55	543	72.98	201	27.01	23,585	948,946	53.20	21,175	2,012,826	112.86
1971- 1980	4	0.53	209	28.09	539	72.44	205	27.55	21,728	970,674	54.42	19,238	2,032,064	113.93

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
05-01-82 TO 05-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1981- 1990	6	0.80	215	28.89	535	71.90	209	28.09	35,711	1,006,385	56.42	29,181	2,061,245	115.57
1991- 2000	5	0.67	220	29.56	529	71.10	215	28.89	33,908	1,040,293	58.32	29,248	2,090,493	117.21
2001- 2010	7	0.94	227	30.51	524	70.43	220	29.56	30,075	1,070,368	60.01	21,315	2,111,808	118.41
2011- 2020	7	0.94	234	31.45	517	69.48	227	30.51	34,242	1,104,610	61.93	25,342	2,137,150	119.83
2021- 2030	4	0.53	238	31.98	510	68.54	234	31.45	28,352	1,132,962	63.52	25,372	2,162,522	121.25
2031- 2040	4	0.53	242	32.52	506	68.01	238	31.98	12,206	1,145,168	64.21	9,146	2,171,668	121.76
2041- 2050	5	0.67	247	33.19	502	67.47	242	32.52	28,646	1,173,814	65.81	23,466	2,195,134	123.08
2051- 2060	3	0.40	250	33.60	497	66.80	247	33.19	14,410	1,188,224	66.62	13,230	2,208,364	123.82
2061- 2070	4	0.53	254	34.13	494	66.39	250	33.60	24,786	1,213,010	68.01	21,486	2,229,850	125.02
2071- 2080	1	0.13	255	34.27	490	65.86	254	34.13	16,608	1,229,618	68.94	19,438	2,249,288	126.11
2081- 2090	6	0.80	261	35.08	489	65.72	255	34.27	29,205	1,258,823	70.58	21,615	2,270,903	127.33
2091- 2100	3	0.40	264	35.48	483	64.91	261	35.08	23,056	1,281,879	71.87	21,616	2,292,519	128.54
2101- 2110	7	0.94	271	36.42	480	64.51	264	35.48	40,002	1,321,881	74.11	30,102	2,322,621	130.23
2111- 2120	6	0.80	277	37.23	473	63.57	271	36.42	19,039	1,340,920	75.18	11,109	2,333,730	130.85
2121- 2130	4	0.53	281	37.76	467	62.76	277	37.23	23,381	1,364,301	76.49	19,571	2,353,301	131.95
2131- 2140	2	0.26	283	38.03	463	62.23	281	37.76	14,950	1,379,251	77.33	15,320	2,368,621	132.80
2141- 2150	6	0.80	289	38.84	461	61.96	283	38.03	23,608	1,402,859	78.65	15,378	2,383,999	133.67
2151- 2160	4	0.53	293	39.38	455	61.15	289	38.84	21,551	1,424,410	79.86	17,501	2,401,500	134.65
2161- 2170	1	0.13	294	39.51	451	60.61	293	39.38	19,493	1,443,903	80.96	21,843	2,423,343	135.87
2171- 2180	2	0.26	296	39.78	450	60.48	294	39.51	15,225	1,459,128	81.81	15,385	2,438,728	136.74
2181- 2190	5	0.67	301	40.45	448	60.21	296	39.78	26,210	1,485,338	83.28	19,790	2,458,518	137.85
2191- 2200	8	1.07	309	41.53	443	59.54	301	40.45	35,109	1,520,447	85.25	22,019	2,480,537	139.08
2201- 2210	1	0.13	310	41.66	435	58.46	309	41.53	17,643	1,538,090	86.24	19,793	2,500,330	140.19
2211- 2220	4	0.53	314	42.20	434	58.33	310	41.66	28,812	1,566,902	87.85	24,312	2,524,642	141.55
2221- 2230	5	0.67	319	42.87	430	57.79	314	42.20	26,705	1,593,607	89.35	19,905	2,544,547	142.67
2231- 2240	9	1.20	328	44.08	425	57.12	319	42.87	38,008	1,631,615	91.48	22,188	2,566,735	143.91
2241- 2250	5	0.67	333	44.75	416	55.91	328	44.08	40,436	1,672,051	93.75	33,396	2,600,131	145.79
2251- 2260	3	0.40	336	45.16	411	55.24	333	44.75	18,047	1,690,098	94.76	15,407	2,615,538	146.65
2261- 2270	7	0.94	343	46.10	408	54.83	336	45.16	40,773	1,730,871	97.05	29,033	2,644,571	148.28
2271- 2280	10	1.34	353	47.44	401	53.89	343	46.10	45,510	1,776,381	99.60	26,820	2,671,391	149.78
2281- 2290	5	0.67	358	48.11	391	52.55	353	47.44	29,706	1,806,087	101.26	22,216	2,693,607	151.03
2291- 2300	5	0.67	363	48.79	386	51.88	358	48.11	25,258	1,831,345	102.68	17,668	2,711,275	152.02
2301- 2310	7	0.94	370	49.73	381	51.20	363	48.79	34,603	1,865,948	104.62	22,313	2,733,588	153.27
2311- 2320	9	1.20	379	50.94	374	50.26	370	49.73	30,119	1,896,067	106.31	13,069	2,746,657	154.00
2321- 2330	5	0.67	384	51.61	365	49.05	379	50.94	25,581	1,921,648	107.74	17,631	2,764,289	154.99
2331- 2340	5	0.67	389	52.28	360	48.38	384	51.61	32,693	1,954,341	109.58	24,643	2,788,931	156.37
2341- 2350	3	0.40	392	52.68	355	47.71	389	52.28	37,543	1,991,884	111.68	34,073	2,823,004	158.28
2351- 2360	4	0.53	396	53.22	352	47.31	392	52.68	18,838	2,010,722	112.74	12,958	2,835,962	159.01
2361- 2370	3	0.40	399	53.62	348	46.77	396	53.22	14,197	2,024,919	113.53	10,597	2,846,559	159.60
2371- 2380	4	0.53	403	54.16	345	46.37	399	53.62	19,009	2,043,928	114.60	12,979	2,859,538	160.33
2381- 2390	8	1.07	411	55.24	341	45.83	403	54.16	28,611	2,072,539	116.20	12,981	2,872,519	161.06
2391- 2400	1	0.13	412	55.37	333	44.75	411	55.24	14,372	2,086,911	117.01	15,312	2,887,831	161.92
2401- 2410	1	0.13	413	55.51	332	44.62	412	55.37	21,643	2,108,554	118.22	22,563	2,910,394	163.18
2411- 2420	1	0.13	414	55.64	331	44.48	413	55.51	14,502	2,123,056	119.04	15,402	2,925,796	164.05
2421- 2430	4	0.53	418	56.18	330	44.35	414	55.64	21,832	2,144,888	120.26	15,452	2,941,248	164.91
2431- 2440	4	0.53	422	56.72	326	43.81	418	56.18	31,644	2,176,532	122.03	25,184	2,966,432	166.32
2441- 2450	4	0.53	426	57.25	322	43.27	422	56.72	21,995	2,198,527	123.27	15,455	2,981,887	167.19
2451- 2460	5	0.67	431	57.93	318	42.74	426	57.25	19,636	2,218,163	124.37	10,566	2,992,453	167.78
2461- 2470	1	0.13	432	58.06	313	42.06	431	57.93	24,638	2,242,801	125.75	25,308	3,017,761	169.20
2481- 2490	1	0.13	433	58.19	312	41.93	432	58.06	22,367	2,284,980	128.11	23,007	3,063,700	171.78
2501- 2510	3	0.40	436	58.60	311	41.80	433	58.19	17,546	2,322,488	130.22	13,156	3,099,928	173.81
2511- 2520	1	0.13	437	58.73	308	41.39	436	58.60	10,063	2,332,551	130.78	10,633	3,110,561	174.41
2521- 2530	1	0.13	438	58.87	307	41.26	437	58.73	17,678	2,350,229	131.77	18,228	3,128,789	175.43
2541- 2550	2	0.26	440	59.13	306	41.12	438	58.87	17,813	2,380,719	133.48	15,793	3,160,319	177.20
2551- 2560	1	0.13	441	59.27	304	40.86	440	59.13	15,332	2,396,051	134.34	15,822	3,176,141	178.08

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
05-01-82 TO 05-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2561- 2570	1	0.13	442	59.40	303	40.72	441	59.27	23,085	2,419,136	135.64	23,555	3,199,696	179.40
2571- 2580	1	0.13	443	59.54	302	40.59	442	59.40	10,306	2,429,442	136.22	10,756	3,210,452	180.01
2581- 2590	1	0.13	444	59.67	301	40.45	443	59.54	28,418	2,457,860	137.81	28,848	3,239,300	181.62
2591- 2600	1	0.13	445	59.81	300	40.32	444	59.67	23,370	2,481,230	139.12	23,780	3,263,080	182.96
2601- 2610	1	0.13	446	59.94	299	40.18	445	59.81	23,456	2,504,686	140.43	23,846	3,286,926	184.29
2611- 2620	1	0.13	447	60.08	298	40.05	446	59.94	10,454	2,515,140	141.02	10,824	3,297,750	184.90
2631- 2640	3	0.40	450	60.48	297	39.91	447	60.08	23,729	2,554,624	143.23	18,809	3,335,284	187.01
2641- 2650	2	0.26	452	60.75	294	39.51	450	60.48	23,810	2,578,434	144.57	21,470	3,356,754	188.21
2651- 2660	5	0.67	457	61.42	292	39.24	452	60.75	39,825	2,618,259	146.80	29,495	3,386,249	189.86
2671- 2680	3	0.40	460	61.82	287	38.57	457	61.42	24,082	2,663,677	149.35	18,942	3,429,397	192.28
2691- 2700	1	0.13	461	61.96	284	38.17	460	61.82	8,082	2,701,300	151.46	8,232	3,470,010	194.56
2701- 2710	3	0.40	464	62.36	283	38.03	461	61.96	21,639	2,722,939	152.67	16,369	3,486,379	195.48
2711- 2720	1	0.13	465	62.50	280	37.63	464	62.36	19,003	2,741,942	153.74	19,093	3,505,472	196.55
2721- 2730	5	0.67	470	63.17	279	37.50	465	62.50	24,522	2,766,464	155.11	13,712	3,519,184	197.32
2731- 2740	4	0.53	474	63.70	274	36.82	470	63.17	16,403	2,782,867	156.03	8,223	3,527,407	197.78
2741- 2750	3	0.40	477	64.11	270	36.29	474	63.70	19,212	2,802,079	157.11	13,692	3,541,099	198.55
2751- 2760	2	0.26	479	64.38	267	35.88	477	64.11	27,565	2,829,644	158.65	24,735	3,565,834	199.93
2761- 2770	8	1.07	487	65.45	265	35.61	479	64.38	41,482	2,871,126	160.98	22,052	3,587,886	201.17
2771- 2780	4	0.53	491	65.99	257	34.54	487	65.45	19,436	2,890,562	162.07	10,926	3,598,812	201.78
2781- 2790	7	0.94	498	66.93	253	34.00	491	65.99	58,517	2,949,079	165.35	41,587	3,640,399	204.11
2791- 2800	2	0.26	500	67.20	246	33.06	498	66.93	39,156	2,988,235	167.55	36,036	3,676,435	206.13
2801- 2810	8	1.07	508	68.27	244	32.79	500	67.20	39,292	3,027,527	169.75	19,332	3,695,767	207.22
2811- 2820	3	0.40	511	68.68	236	31.72	508	68.27	42,232	3,069,759	172.12	36,162	3,731,929	209.25
2821- 2830	4	0.53	515	69.22	233	31.31	511	68.68	45,215	3,114,974	174.65	36,265	3,768,194	211.28
2831- 2840	6	0.80	521	70.02	229	30.77	515	69.22	51,072	3,166,046	177.52	36,382	3,804,576	213.32
2841- 2850	3	0.40	524	70.43	223	29.97	521	70.02	34,168	3,200,214	179.43	27,878	3,832,454	214.88
2851- 2860	6	0.80	530	71.23	220	29.56	524	70.43	40,001	3,240,215	181.68	25,101	3,857,555	216.29
2861- 2870	8	1.07	538	72.31	214	28.76	530	71.23	42,976	3,283,191	184.09	22,236	3,879,791	217.54
2871- 2880	5	0.67	543	72.98	206	27.68	538	72.31	31,642	3,314,833	185.86	19,352	3,899,143	218.62
2881- 2890	7	0.94	550	73.92	201	27.01	543	72.98	43,268	3,358,101	188.29	25,118	3,924,261	220.03
2891- 2900	4	0.53	554	74.46	194	26.07	550	73.92	26,047	3,384,148	189.75	16,427	3,940,688	220.95
2901- 2910	2	0.26	556	74.73	190	25.53	554	74.46	17,429	3,401,577	190.72	13,529	3,954,217	221.71
2911- 2920	4	0.53	560	75.26	188	25.26	556	74.73	32,061	3,433,638	192.52	22,301	3,976,518	222.96
2921- 2930	12	1.61	572	76.88	184	24.73	560	75.26	49,717	3,483,355	195.31	16,517	3,993,035	223.89
2931- 2940	6	0.80	578	77.68	172	23.11	572	76.88	49,917	3,533,272	198.11	34,057	4,027,092	225.80
2941- 2950	1	0.13	579	77.82	166	22.31	578	77.68	20,625	3,553,897	199.26	19,345	4,046,437	226.88
2951- 2960	4	0.53	583	78.36	165	22.17	579	77.82	56,173	3,610,070	202.41	46,023	4,092,460	229.46
2961- 2970	4	0.53	587	78.89	161	21.63	583	78.36	32,628	3,642,698	204.24	22,398	4,114,858	230.72
2971- 2980	5	0.67	592	79.56	157	21.10	587	78.89	56,553	3,699,251	207.41	43,273	4,158,131	233.14
2981- 2990	4	0.53	596	80.10	152	20.43	592	79.56	32,849	3,732,100	209.26	22,449	4,180,580	234.40
2991- 3000	4	0.53	600	80.64	148	19.89	596	80.10	41,949	3,774,049	211.61	31,469	4,212,049	236.17
3001- 3010	9	1.20	609	81.85	144	19.35	600	80.64	51,101	3,825,150	214.47	25,541	4,237,590	237.60
3011- 3020	4	0.53	613	82.39	135	18.14	609	81.85	45,230	3,870,380	217.01	34,540	4,272,130	239.54
3021- 3030	9	1.20	622	83.60	131	17.60	613	82.39	45,372	3,915,752	219.55	19,502	4,291,632	240.63
3031- 3040	8	1.07	630	84.67	122	16.39	622	83.60	54,655	3,970,407	222.62	31,635	4,323,267	242.40
3041- 3050	11	1.47	641	86.15	114	15.32	630	84.67	45,679	4,016,086	225.18	13,379	4,336,646	243.15
3051- 3060	4	0.53	645	86.69	103	13.84	641	86.15	48,897	4,064,983	227.92	37,727	4,374,373	245.27
3061- 3070	5	0.67	650	87.36	99	13.30	645	86.69	45,972	4,110,955	230.50	31,662	4,406,035	247.04
3071- 3080	6	0.80	656	88.17	94	12.63	650	87.36	39,977	4,150,932	232.74	22,497	4,428,532	248.31
3081- 3090	11	1.47	667	89.65	88	11.82	656	88.17	86,400	4,237,332	237.58	53,400	4,481,932	251.30
3091- 3100	7	0.94	674	90.59	77	10.34	667	89.65	64,984	4,302,316	241.23	44,124	4,526,056	253.77
3101- 3110	8	1.07	682	91.66	70	9.40	674	90.59	68,306	4,370,622	245.06	44,206	4,570,262	256.25
3111- 3120	7	0.94	689	92.60	62	8.33	682	91.66	46,725	4,417,347	247.68	25,575	4,595,837	257.69
3121- 3130	2	0.26	691	92.87	55	7.39	689	92.60	46,879	4,464,226	250.31	41,189	4,637,026	260.00
3131- 3140	6	0.80	697	93.68	53	7.12	691	92.87	47,015	4,511,241	252.94	28,765	4,665,791	261.61

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
05-01-82 TO 05-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3141- 3150	6	0.80	703	94.48	47	6.31	697	93.68	56,627	4,567,868	256.12	38,257	4,704,048	263.75
3151- 3160	6	0.80	709	95.29	41	5.51	703	94.48	34,700	4,602,568	258.06	16,210	4,720,258	264.66
3161- 3170	7	0.94	716	96.23	35	4.70	709	95.29	75,977	4,678,545	262.32	54,207	4,774,465	267.70
3171- 3180	5	0.67	721	96.90	28	3.76	716	96.23	34,921	4,713,466	264.28	19,351	4,793,816	268.79
3181- 3190	5	0.67	726	97.58	23	3.09	721	96.90	41,404	4,754,870	266.60	25,734	4,819,550	270.23
3191- 3200	2	0.26	728	97.84	18	2.41	726	97.58	41,561	4,796,431	268.93	35,361	4,854,911	272.21
3201- 3210	4	0.53	732	98.38	16	2.15	728	97.84	44,887	4,841,318	271.45	32,247	4,887,158	274.02
3211- 3220	1	0.13	733	98.52	12	1.61	732	98.38	28,922	4,870,240	273.07	25,832	4,912,990	275.47
3221- 3230	3	0.40	736	98.92	11	1.47	733	98.52	45,157	4,915,397	275.60	35,607	4,948,597	277.47
3231- 3240	1	0.13	737	99.05	8	1.07	736	98.92	35,591	4,950,988	277.60	32,441	4,981,038	279.28
3241- 3250	2	0.26	739	99.32	7	0.94	737	99.05	19,470	4,970,458	278.69	13,060	4,994,098	280.02
3271- 3280	1	0.13	740	99.46	5	0.67	739	99.32	16,383	5,032,478	282.17	13,163	5,052,998	283.32
3281- 3290	2	0.26	742	99.73	4	0.53	740	99.46	36,146	5,068,624	284.20	29,626	5,082,624	284.98
3291- 3300	1	0.13	743	99.86	2	0.26	742	99.73	6,597	5,075,221	284.57	3,327	5,085,951	285.17
3341- 3350	1	0.13	744	100.00	1	0.13	743	99.86	16,726	5,138,411	288.11	13,396	5,145,851	288.53

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 1,783,469

PEAK MWH OF 3341 OCCURRED ON 05-24-82 AT 11 AM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 06-30-82

DATE 09/17/82
PAGE NO. 1

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1481- 1490	1	0.13	1	0.13	720	100.00	0	0.00	2,972	24,977	1.39	8,692	1,096,297	61.08
1501- 1510	1	0.13	2	0.27	719	99.86	1	0.13	6,028	33,990	1.89	11,718	1,118,190	62.30
1511- 1520	1	0.13	3	0.41	718	99.72	2	0.27	1,519	35,509	1.97	7,189	1,125,379	62.70
1521- 1530	2	0.27	5	0.69	717	99.58	3	0.41	7,621	43,130	2.40	11,751	1,137,130	63.36
1531- 1540	1	0.13	6	0.83	715	99.30	5	0.69	1,531	44,661	2.48	7,151	1,144,281	63.76
1551- 1560	4	0.55	10	1.38	714	99.16	6	0.83	7,771	52,432	2.92	8,711	1,160,132	64.64
1561- 1570	3	0.41	13	1.80	710	98.61	10	1.38	6,269	58,701	3.27	8,689	1,168,821	65.12
1581- 1590	3	0.41	16	2.22	707	98.19	13	1.80	4,761	66,615	3.71	7,091	1,186,135	66.09
1591- 1600	1	0.13	17	2.36	704	97.77	16	2.22	1,597	68,212	3.80	7,047	1,193,182	66.48
1601- 1610	1	0.13	18	2.49	703	97.63	17	2.36	4,820	73,032	4.06	10,250	1,203,432	67.05
1611- 1620	1	0.13	19	2.63	702	97.49	18	2.49	3,225	76,257	4.24	8,635	1,212,067	67.53
1621- 1630	2	0.27	21	2.91	701	97.36	19	2.63	8,117	84,374	4.70	11,887	1,223,954	68.20
1631- 1640	1	0.13	22	3.05	699	97.08	21	2.91	3,271	87,645	4.88	8,631	1,232,585	68.68
1641- 1650	3	0.41	25	3.47	698	96.94	22	3.05	6,584	94,229	5.25	8,644	1,241,229	69.16
1651- 1660	2	0.27	27	3.74	695	96.52	25	3.47	8,263	102,492	5.71	11,913	1,253,142	69.82
1661- 1670	1	0.13	28	3.88	693	96.24	27	3.74	3,327	105,819	5.89	8,597	1,261,739	70.30
1671- 1680	1	0.13	29	4.02	692	96.11	28	3.88	8,371	114,190	6.36	13,621	1,275,360	71.06
1681- 1690	3	0.41	32	4.44	691	95.97	29	4.02	6,743	120,933	6.73	8,613	1,283,973	71.54
1691- 1700	7	0.97	39	5.41	688	95.55	32	4.44	15,248	136,181	7.58	10,298	1,294,271	72.12
1701- 1710	2	0.27	41	5.69	681	94.58	39	5.41	6,833	143,014	7.96	10,243	1,304,514	72.69
1711- 1720	4	0.55	45	6.25	679	94.30	41	5.69	12,009	155,023	8.63	11,959	1,316,473	73.35
1721- 1730	3	0.41	48	6.66	675	93.75	45	6.25	12,080	167,103	9.31	13,670	1,330,143	74.11
1731- 1740	5	0.69	53	7.36	672	93.33	48	6.66	17,351	184,454	10.27	15,421	1,345,564	74.97
1741- 1750	1	0.13	54	7.49	667	92.63	53	7.36	6,990	191,444	10.66	11,920	1,357,484	75.64
1751- 1760	6	0.83	60	8.33	666	92.49	54	7.49	15,789	207,233	11.54	11,949	1,369,433	76.30
1761- 1770	4	0.55	64	8.88	660	91.66	60	8.33	14,136	221,369	12.33	13,696	1,383,129	77.07
1771- 1780	2	0.27	66	9.16	656	91.11	64	8.88	10,660	232,029	12.92	13,680	1,396,809	77.83
1781- 1790	5	0.69	71	9.86	654	90.83	66	9.16	14,293	246,322	13.72	11,933	1,408,742	78.49
1791- 1800	7	0.97	78	10.83	649	90.13	71	9.86	16,156	262,478	14.62	10,116	1,418,858	79.06
1801- 1810	3	0.41	81	11.24	642	89.16	78	10.83	14,456	276,934	15.43	15,476	1,434,334	79.92
1811- 1820	6	0.83	87	12.08	639	88.74	81	11.24	14,520	291,454	16.24	10,050	1,444,384	80.48
1821- 1830	8	1.11	95	13.19	633	87.91	87	12.08	20,092	311,546	17.36	11,862	1,456,246	81.14
1831- 1840	5	0.69	100	13.88	625	86.80	95	13.19	16,536	328,082	18.28	13,636	1,469,882	81.90
1841- 1850	8	1.11	108	14.99	620	86.11	100	13.88	20,322	348,404	19.41	11,802	1,481,684	82.56
1851- 1860	6	0.83	114	15.83	612	84.99	108	14.99	14,853	363,257	20.24	9,873	1,491,557	83.11
1861- 1870	10	1.38	124	17.22	606	84.16	114	15.83	27,984	391,241	21.80	15,444	1,507,001	83.97
1871- 1880	6	0.83	130	18.05	596	82.77	124	17.22	13,143	404,384	22.53	7,883	1,514,884	84.41
1881- 1890	2	0.27	132	18.33	590	81.94	130	18.05	15,099	419,483	23.37	17,239	1,532,123	85.37
1891- 1900	6	0.83	138	19.16	588	81.66	132	18.33	20,848	440,331	24.53	15,388	1,547,511	86.23
1901- 1910	7	0.97	145	20.13	582	80.83	138	19.16	24,771	465,102	25.91	17,291	1,564,802	87.19
1911- 1920	4	0.55	149	20.69	575	79.86	145	20.13	22,990	488,092	27.19	21,100	1,585,902	88.37
1921- 1930	6	0.83	155	21.52	571	79.30	149	20.69	19,257	507,349	28.27	13,447	1,599,349	89.12
1931- 1940	5	0.69	160	22.22	565	78.47	155	21.52	15,483	522,832	29.13	11,483	1,610,832	89.76
1941- 1950	5	0.69	165	22.91	560	77.77	160	22.22	21,397	544,229	30.32	17,297	1,628,129	90.72
1951- 1960	6	0.83	171	23.74	555	77.08	165	22.91	27,372	571,601	31.85	21,222	1,649,351	91.90
1961- 1970	4	0.55	175	24.30	549	76.24	171	23.74	15,733	587,334	32.72	13,393	1,662,734	92.65
1971- 1980	2	0.27	177	24.58	545	75.69	175	24.30	13,823	601,157	33.49	15,333	1,678,067	93.50
1981- 1990	7	0.97	184	25.55	543	75.41	177	24.58	23,806	624,963	34.82	15,376	1,693,443	94.36
1991- 2000	5	0.69	189	26.24	536	74.44	184	25.55	23,934	648,897	36.15	19,344	1,712,787	95.44
2001- 2010	1	0.13	190	26.38	531	73.74	189	26.24	16,034	664,931	37.05	19,344	1,732,131	96.51
2011- 2020	3	0.41	193	26.80	530	73.61	190	26.38	20,145	685,076	38.17	19,415	1,751,546	97.60
2021- 2030	6	0.83	199	27.63	527	73.19	193	26.80	20,248	705,324	39.30	13,398	1,764,944	98.34
2031- 2040	1	0.13	200	27.77	521	72.36	199	27.63	4,066	709,390	39.52	7,246	1,772,190	98.75
2041- 2050	3	0.41	203	28.19	520	72.22	200	27.77	18,412	727,802	40.55	17,492	1,789,682	99.72

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 06-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2061- 2070	4	0.55	207	28.74	517	71.80	203	28.19	16,533	752,567	41.93	13,463	1,816,547	101.22
2071- 2080	4	0.55	211	29.30	513	71.24	207	28.74	14,535	767,102	42.74	11,385	1,827,932	101.85
2081- 2090	3	0.41	214	29.72	509	70.69	211	29.30	16,695	783,797	43.67	15,545	1,843,477	102.72
2091- 2100	3	0.41	217	30.13	506	70.27	214	29.72	16,771	800,568	44.60	15,561	1,859,038	103.59
2101- 2110	5	0.69	222	30.83	503	69.86	217	30.13	25,251	825,819	46.01	19,781	1,878,819	104.69
2111- 2120	1	0.13	223	30.97	498	69.16	222	30.83	6,350	832,169	46.37	9,220	1,888,039	105.20
2121- 2130	3	0.41	226	31.38	497	69.02	223	30.97	14,869	847,038	47.19	13,479	1,901,518	105.95
2131- 2140	3	0.41	229	31.80	494	68.61	226	31.38	10,682	857,720	47.79	9,232	1,910,750	106.47
2141- 2150	3	0.41	232	32.22	491	68.19	229	31.80	10,723	868,443	48.39	9,213	1,919,963	106.98
2151- 2160	3	0.41	235	32.63	488	67.77	232	32.22	12,928	881,371	49.11	11,358	1,931,321	107.61
2161- 2170	5	0.69	240	33.33	485	67.36	235	32.63	17,324	898,695	50.07	11,374	1,942,695	108.25
2171- 2180	3	0.41	243	33.74	480	66.66	240	33.33	10,870	909,565	50.68	9,160	1,951,855	108.76
2181- 2190	2	0.27	245	34.02	477	66.24	243	33.74	15,294	924,859	51.53	15,704	1,967,559	109.63
2191- 2200	2	0.27	247	34.30	475	65.97	245	34.02	17,554	942,413	52.51	17,924	1,985,483	110.63
2201- 2210	4	0.55	251	34.86	473	65.69	247	34.30	15,435	957,848	53.37	11,365	1,996,848	111.26
2211- 2220	6	0.83	257	35.69	469	65.13	251	34.86	19,947	977,795	54.48	11,377	2,008,225	111.90
2221- 2230	4	0.55	261	36.24	463	64.30	257	35.69	15,581	993,376	55.35	11,331	2,019,556	112.53
2231- 2240	4	0.55	265	36.80	459	63.74	261	36.24	17,883	1,011,259	56.35	13,553	2,033,109	113.29
2241- 2250	9	1.24	274	38.05	455	63.19	265	36.80	29,208	1,040,467	57.97	13,598	2,046,707	114.04
2251- 2260	4	0.55	278	38.61	446	61.94	274	38.05	11,276	1,051,743	58.60	6,736	2,053,443	114.42
2261- 2270	6	0.83	284	39.44	442	61.38	278	38.61	24,918	1,076,661	59.99	15,778	2,069,221	115.30
2271- 2280	7	0.97	291	40.41	436	60.55	284	39.44	22,758	1,099,419	61.26	11,228	2,080,449	115.92
2281- 2290	4	0.55	295	40.97	429	59.58	291	40.41	18,284	1,117,703	62.28	13,454	2,093,903	116.67
2291- 2300	4	0.55	299	41.52	425	59.02	295	40.97	13,782	1,131,485	63.04	8,872	2,102,775	117.17
2301- 2310	7	0.97	306	42.49	421	58.47	299	41.52	18,459	1,149,944	64.07	6,569	2,109,344	117.53
2311- 2320	2	0.27	308	42.77	414	57.49	306	42.49	9,266	1,159,210	64.59	8,786	2,118,130	118.02
2321- 2330	3	0.41	311	43.19	412	57.22	308	42.77	13,952	1,173,162	65.37	11,112	2,129,242	118.64
2331- 2340	5	0.69	316	43.88	409	56.80	311	43.19	21,014	1,194,176	66.54	13,454	2,142,696	119.39
2341- 2350	8	1.11	324	44.99	404	56.11	316	43.88	30,501	1,224,677	68.24	15,821	2,158,517	120.27
2351- 2360	1	0.13	325	45.13	396	54.99	324	44.99	9,414	1,234,091	68.76	11,024	2,169,541	120.89
2361- 2370	1	0.13	326	45.27	395	54.86	325	45.13	7,092	1,241,183	69.16	8,682	2,178,223	121.37
2371- 2380	3	0.41	329	45.69	394	54.72	326	45.27	9,504	1,250,687	69.69	6,334	2,184,557	121.72
2381- 2390	3	0.41	332	46.11	391	54.30	329	45.69	9,538	1,260,225	70.22	6,308	2,190,865	122.08
2391- 2400	1	0.13	333	46.24	388	53.88	332	46.11	11,979	1,272,204	70.89	13,469	2,204,334	122.83
2401- 2410	3	0.41	336	46.66	387	53.74	333	46.24	19,240	1,291,444	71.96	15,910	2,220,244	123.71
2411- 2420	2	0.27	338	46.94	384	53.33	336	46.66	12,082	1,303,526	72.63	11,102	2,231,346	124.33
2421- 2430	1	0.13	339	47.08	382	53.05	338	46.94	12,126	1,315,652	73.31	13,526	2,244,872	125.09
2431- 2440	3	0.41	342	47.49	381	52.91	339	47.08	21,907	1,337,559	74.53	18,427	2,263,299	126.11
2441- 2450	3	0.41	345	47.91	378	52.49	342	47.49	12,222	1,349,781	75.21	8,682	2,271,981	126.60
2451- 2460	2	0.27	347	48.19	375	52.08	345	47.91	7,361	1,357,142	75.62	6,211	2,278,192	126.94
2461- 2470	5	0.69	352	48.88	373	51.80	347	48.19	22,175	1,379,317	76.85	13,605	2,291,797	127.70
2471- 2480	6	0.83	358	49.72	368	51.11	352	48.88	19,812	1,399,129	77.96	8,672	2,300,469	128.18
2481- 2490	5	0.69	363	50.41	362	50.27	358	49.72	19,877	1,419,006	79.07	11,097	2,311,566	128.80
2491- 2500	3	0.41	366	50.83	357	49.58	363	50.41	19,962	1,438,968	80.18	16,062	2,327,628	129.70
2501- 2510	1	0.13	367	50.97	354	49.16	366	50.83	10,026	1,448,994	80.74	11,066	2,338,694	130.31
2521- 2530	2	0.27	369	51.24	353	49.02	367	50.97	15,157	1,471,696	82.00	13,647	2,363,416	131.69
2541- 2550	2	0.27	371	51.52	351	48.74	369	51.24	12,722	1,497,095	83.42	11,152	2,390,755	133.21
2551- 2560	2	0.27	373	51.80	349	48.47	371	51.52	12,780	1,509,875	84.13	11,170	2,401,925	133.84
2561- 2570	7	0.97	380	52.77	347	48.19	373	51.80	20,522	1,530,397	85.27	6,072	2,407,997	134.18
2571- 2580	2	0.27	382	53.05	340	47.22	380	52.77	7,729	1,538,126	85.70	5,989	2,413,986	134.51
2581- 2590	3	0.41	385	53.47	338	46.94	382	53.05	25,835	1,563,961	87.14	21,475	2,435,461	135.71
2591- 2600	4	0.55	389	54.02	335	46.52	385	53.47	20,774	1,584,735	88.30	13,764	2,449,225	136.47
2601- 2610	2	0.27	391	54.30	331	45.97	389	54.02	20,848	1,605,583	89.46	18,958	2,468,183	137.53
2611- 2620	2	0.27	393	54.58	329	45.69	391	54.30	7,837	1,613,420	89.90	5,907	2,474,090	137.86
2621- 2630	1	0.13	394	54.72	327	45.41	393	54.58	15,755	1,629,175	90.78	16,405	2,490,495	138.77

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 06-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2631- 2640	3	0.41	397	55.13	326	45.27	394	54.72	15,822	1,644,997	91.66	11,192	2,501,687	139.40
2641- 2650	1	0.13	398	55.27	323	44.86	397	55.13	18,512	1,663,509	92.69	19,102	2,520,789	140.46
2651- 2660	3	0.41	401	55.69	322	44.72	398	55.27	26,547	1,690,056	94.17	21,817	2,542,606	141.68
2661- 2670	4	0.55	405	56.25	319	44.30	401	55.69	21,336	1,711,392	95.36	13,886	2,556,492	142.45
2671- 2680	4	0.55	409	56.80	315	43.75	405	56.25	16,053	1,727,445	96.25	8,523	2,565,015	142.92
2681- 2690	7	0.97	416	57.77	311	43.19	409	56.80	29,541	1,756,986	97.90	13,891	2,578,906	143.70
2701- 2710	3	0.41	419	58.19	304	42.22	416	57.77	13,527	1,775,903	98.95	8,467	2,595,803	144.64
2711- 2720	3	0.41	422	58.61	301	41.80	419	58.19	16,284	1,792,187	99.86	11,164	2,606,967	145.26
2721- 2730	3	0.41	425	59.02	298	41.38	422	58.61	10,898	1,803,085	100.47	5,718	2,612,685	145.58
2731- 2740	1	0.13	426	59.16	295	40.97	425	59.02	5,467	1,808,552	100.77	5,687	2,618,372	145.90
2741- 2750	2	0.27	428	59.44	294	40.83	426	59.16	10,977	1,819,529	101.38	8,437	2,626,809	146.37
2751- 2760	7	0.97	435	60.41	292	40.55	428	59.44	22,056	1,841,585	102.61	5,726	2,632,535	146.69
2761- 2770	4	0.55	439	60.97	285	39.58	435	60.41	19,360	1,860,945	103.69	11,170	2,643,705	147.31
2771- 2780	1	0.13	440	61.11	281	39.02	439	60.97	8,328	1,869,273	104.16	8,368	2,652,073	147.78
2781- 2790	7	0.97	447	62.08	280	38.86	440	61.11	39,013	1,908,286	106.33	22,353	2,674,426	149.02
2791- 2800	9	1.24	456	63.33	273	37.91	447	62.08	33,557	1,941,843	108.20	11,177	2,685,603	149.64
2801- 2810	5	0.69	461	64.02	264	36.66	456	63.33	16,844	1,958,687	109.14	5,484	2,691,087	149.95
2811- 2820	8	1.11	469	65.13	259	35.97	461	64.02	33,785	1,992,472	111.02	13,895	2,704,982	150.72
2821- 2830	4	0.55	473	65.69	251	34.86	469	65.13	33,905	2,026,377	112.91	25,135	2,730,117	152.12
2831- 2840	2	0.27	475	65.97	247	34.30	473	65.69	34,051	2,060,428	114.81	30,861	2,760,978	153.84
2841- 2850	2	0.27	477	66.24	245	34.02	475	65.97	25,628	2,086,056	116.24	22,398	2,783,376	155.09
2851- 2860	3	0.41	480	66.66	243	33.74	477	66.24	22,865	2,108,921	117.51	16,745	2,800,121	156.03
2861- 2870	3	0.41	483	67.08	240	33.33	480	66.66	20,065	2,128,986	118.63	13,885	2,814,006	156.80
2871- 2880	4	0.55	487	67.63	237	32.91	483	67.08	17,260	2,146,246	119.59	8,150	2,822,156	157.25
2881- 2890	6	0.83	493	68.47	233	32.36	487	67.63	23,081	2,169,327	120.88	8,131	2,830,287	157.71
2891- 2900	2	0.27	495	68.75	227	31.52	493	68.47	14,476	2,183,803	121.68	10,966	2,841,253	158.32
2901- 2910	1	0.13	496	68.88	225	31.25	495	68.75	11,621	2,195,424	122.33	10,971	2,852,224	158.93
2911- 2920	4	0.55	500	69.44	224	31.11	496	68.88	20,401	2,215,825	123.47	11,001	2,863,225	159.54
2921- 2930	1	0.13	501	69.58	220	30.55	500	69.44	14,619	2,230,444	124.28	13,899	2,877,124	160.32
2931- 2940	9	1.24	510	70.83	219	30.41	501	69.58	32,306	2,262,750	126.08	8,126	2,885,250	160.77
2941- 2950	5	0.69	515	71.52	210	29.16	510	70.83	17,675	2,280,425	127.07	5,075	2,890,325	161.05
2951- 2960	5	0.69	520	72.22	205	28.47	515	71.52	44,344	2,324,769	129.54	31,644	2,921,969	162.82
2961- 2970	5	0.69	525	72.91	200	27.77	520	72.22	20,755	2,345,524	130.69	7,955	2,929,924	163.26
2971- 2980	9	1.24	534	74.16	195	27.08	525	72.91	41,676	2,387,200	133.02	16,896	2,946,820	164.20
2981- 2990	2	0.27	536	74.44	186	25.83	534	74.16	20,910	2,408,110	134.18	16,810	2,963,630	165.14
2991- 3000	4	0.55	540	75.00	184	25.55	536	74.44	29,961	2,438,071	135.85	19,841	2,983,471	166.24
3001- 3010	7	0.97	547	75.97	180	25.00	540	75.00	24,045	2,462,116	137.19	4,845	2,988,316	166.51
3011- 3020	8	1.11	555	77.08	173	24.02	547	75.97	33,168	2,495,284	139.04	10,818	2,999,134	167.12
3021- 3030	3	0.41	558	77.49	165	22.91	555	77.08	18,139	2,513,423	140.05	10,729	3,009,863	167.71
3031- 3040	8	1.11	566	78.61	162	22.49	558	77.49	30,368	2,543,791	141.74	7,748	3,017,611	168.14
3041- 3050	3	0.41	569	79.02	154	21.38	566	78.61	12,171	2,555,962	142.42	4,591	3,022,202	168.40
3051- 3060	8	1.11	577	80.13	151	20.97	569	79.02	36,667	2,592,629	144.46	13,777	3,035,979	169.17
3061- 3070	8	1.11	585	81.25	143	19.86	577	80.13	30,648	2,623,277	146.17	7,598	3,043,577	169.59
3071- 3080	4	0.55	589	81.80	135	18.75	585	81.25	21,528	2,644,805	147.37	10,598	3,054,175	170.18
3081- 3090	8	1.11	597	82.91	131	18.19	589	81.80	52,462	2,697,267	150.29	29,132	3,083,307	171.81
3091- 3100	8	1.11	605	84.02	123	17.08	597	82.91	43,319	2,740,586	152.71	19,829	3,103,136	172.91
3101- 3110	11	1.52	616	85.55	115	15.97	605	84.02	43,475	2,784,061	155.13	10,525	3,113,661	173.50
3111- 3120	6	0.83	622	86.38	104	14.44	616	85.55	24,922	2,808,983	156.52	7,302	3,120,963	173.90
3121- 3130	8	1.11	630	87.50	98	13.61	622	86.38	40,636	2,849,619	158.78	16,656	3,137,619	174.83
3131- 3140	6	0.83	636	88.33	90	12.50	630	87.50	28,218	2,877,837	160.36	10,338	3,147,957	175.41
3141- 3150	10	1.38	646	89.72	84	11.66	636	88.33	37,743	2,915,580	162.46	7,183	3,155,140	175.81
3151- 3160	4	0.55	650	90.27	74	10.27	646	89.72	15,779	2,931,359	163.34	3,919	3,159,059	176.03
3161- 3170	10	1.38	660	91.66	70	9.72	650	90.27	53,819	2,985,178	166.34	22,919	3,181,978	177.30
3171- 3180	2	0.27	662	91.94	60	8.33	660	91.66	19,047	3,004,225	167.40	13,307	3,195,285	178.05
3181- 3190	5	0.69	667	92.63	58	8.05	662	91.94	25,477	3,029,702	168.82	10,157	3,205,442	178.61

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 06-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3191- 3200	4	0.55	671	93.19	53	7.36	667	92.63	35,169	3,064,871	170.78	22,939	3,228,381	179.89
3201- 3210	3	0.41	674	93.61	49	6.80	671	93.19	32,067	3,096,938	172.57	22,957	3,251,338	181.17
3211- 3220	1	0.13	675	93.75	46	6.38	674	93.61	25,711	3,122,649	174.00	22,961	3,274,299	182.45
3221- 3230	5	0.69	680	94.44	45	6.25	675	93.75	35,479	3,158,128	175.97	19,829	3,294,128	183.55
3231- 3240	5	0.69	685	95.13	40	5.55	680	94.44	32,356	3,190,484	177.78	16,606	3,310,734	184.48
3241- 3250	1	0.13	686	95.27	35	4.86	685	95.13	12,981	3,203,465	178.50	10,091	3,320,825	185.04
3251- 3260	5	0.69	691	95.97	34	4.72	686	95.27	26,041	3,229,506	179.95	10,131	3,330,956	185.61
3261- 3270	1	0.13	692	96.11	29	4.02	691	95.97	19,596	3,249,102	181.04	16,626	3,347,582	186.53
3271- 3280	2	0.27	694	96.38	28	3.88	692	96.11	13,110	3,262,212	181.77	6,850	3,354,432	186.91
3281- 3290	6	0.83	700	97.22	26	3.61	694	96.38	29,582	3,291,794	183.42	10,162	3,364,594	187.48
3291- 3300	1	0.13	701	97.36	20	2.77	700	97.22	3,299	3,295,093	183.61	209	3,364,803	187.49
3301- 3310	2	0.27	703	97.63	19	2.63	701	97.36	19,853	3,314,946	184.71	13,443	3,378,246	188.24
3321- 3330	2	0.27	705	97.91	17	2.36	703	97.63	9,980	3,334,885	185.82	3,510	3,391,885	189.00
3331- 3340	2	0.27	707	98.19	15	2.08	705	97.91	6,672	3,341,557	186.20	162	3,392,047	189.01
3361- 3370	1	0.13	708	98.33	13	1.80	707	98.19	10,094	3,378,459	188.25	6,864	3,425,979	190.90
3371- 3380	3	0.41	711	98.74	12	1.66	708	98.33	26,999	3,405,458	189.76	17,009	3,442,988	191.85
3381- 3390	1	0.13	712	98.88	9	1.24	711	98.74	3,384	3,408,842	189.95	94	3,443,082	191.85
3411- 3420	1	0.13	713	99.02	8	1.11	712	98.88	13,669	3,432,698	191.27	10,339	3,463,768	193.01
3421- 3430	1	0.13	714	99.16	7	0.97	713	99.02	6,849	3,439,547	191.66	3,499	3,467,267	193.20
3431- 3440	2	0.27	716	99.44	6	0.83	714	99.16	10,298	3,449,845	192.23	3,498	3,470,765	193.40
3451- 3460	1	0.13	717	99.58	4	0.55	716	99.44	17,277	3,480,908	193.96	13,867	3,498,458	194.94
3461- 3470	3	0.41	720	100.00	3	0.41	717	99.58	17,333	3,498,241	194.93	6,983	3,505,441	195.33

TOTAL NUMBER OF HOURS IN STUDY IS 720

TOTAL MWH IN STUDY IS 1,794,597

PEAK MWH OF 3467 OCCURRED ON 06-28-82 AT 1 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-01-82 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1291- 1300	1	0.13	1	0.13	744	100.00	0	0.00	1,300	1,300	0.06	7,450	967,210	50.67
1311- 1320	3	0.40	4	0.53	743	99.86	1	0.13	3,945	5,245	0.27	7,445	982,085	51.45
1321- 1330	1	0.13	5	0.67	740	99.46	4	0.53	1,329	6,574	0.34	7,409	989,494	51.84
1331- 1340	1	0.13	6	0.80	739	99.32	5	0.67	1,333	7,907	0.41	7,393	996,887	52.23
1341- 1350	2	0.26	8	1.07	738	99.19	6	0.80	2,686	10,593	0.55	7,386	1,004,273	52.61
1351- 1360	1	0.13	9	1.20	736	98.92	8	1.07	1,355	11,948	0.62	7,365	1,011,638	53.00
1391- 1400	2	0.26	11	1.47	735	98.79	9	1.20	2,784	14,732	0.77	7,354	1,041,042	54.54
1431- 1440	1	0.13	12	1.61	733	98.52	11	1.47	1,439	16,171	0.84	7,339	1,070,371	56.08
1441- 1450	1	0.13	13	1.74	732	98.38	12	1.61	1,444	17,615	0.92	7,324	1,077,695	56.46
1451- 1460	2	0.26	15	2.01	731	98.25	13	1.74	2,910	20,525	1.07	7,320	1,085,015	56.85
1471- 1480	1	0.13	16	2.15	729	97.98	15	2.01	1,480	22,005	1.15	7,300	1,099,605	57.61
1481- 1490	1	0.13	17	2.28	728	97.84	16	2.15	1,486	23,491	1.23	7,286	1,106,891	57.99
1491- 1500	2	0.26	19	2.55	727	97.71	17	2.28	2,985	26,476	1.38	7,275	1,114,166	58.37
1501- 1510	3	0.40	22	2.95	725	97.44	19	2.55	4,521	30,997	1.62	7,271	1,121,437	58.75
1521- 1530	3	0.40	25	3.36	722	97.04	22	2.95	4,571	35,568	1.86	7,231	1,135,888	59.51
1551- 1560	1	0.13	26	3.49	719	96.63	25	3.36	1,552	37,120	1.94	7,192	1,157,460	60.64
1561- 1570	1	0.13	27	3.62	718	96.50	26	3.49	1,570	38,690	2.02	7,190	1,164,650	61.02
1571- 1580	2	0.26	29	3.89	717	96.37	27	3.62	3,153	41,843	2.19	7,183	1,171,833	61.39
1601- 1610	2	0.26	31	4.16	715	96.10	29	3.89	3,219	45,062	2.36	7,169	1,193,302	62.52
1611- 1620	1	0.13	32	4.30	713	95.83	31	4.16	1,613	46,675	2.44	7,133	1,200,435	62.89
1621- 1630	3	0.40	35	4.70	712	95.69	32	4.30	4,868	51,543	2.70	7,128	1,207,563	63.27
1631- 1640	1	0.13	36	4.83	709	95.29	35	4.70	1,640	53,183	2.78	7,100	1,214,663	63.64
1641- 1650	1	0.13	37	4.97	708	95.16	36	4.83	1,646	54,829	2.87	7,086	1,221,749	64.01
1651- 1660	3	0.40	40	5.37	707	95.02	37	4.97	4,960	59,789	3.13	7,080	1,228,829	64.38
1661- 1670	1	0.13	41	5.51	704	94.62	40	5.37	1,663	61,452	3.21	7,043	1,235,872	64.75
1671- 1680	4	0.53	45	6.04	703	94.48	41	5.51	6,699	68,151	3.57	7,049	1,242,921	65.12
1681- 1690	1	0.13	46	6.18	699	93.95	45	6.04	1,684	69,835	3.65	6,994	1,249,915	65.49
1691- 1700	2	0.26	48	6.45	698	93.81	46	6.18	3,384	73,219	3.83	6,984	1,256,899	65.85
1701- 1710	2	0.26	50	6.72	696	93.54	48	6.45	3,413	76,632	4.01	6,973	1,263,872	66.22
1711- 1720	3	0.40	53	7.12	694	93.27	50	6.72	5,144	81,776	4.28	6,954	1,270,826	66.58
1721- 1730	4	0.53	57	7.66	691	92.87	53	7.12	6,909	88,685	4.64	6,939	1,277,765	66.94
1731- 1740	5	0.67	62	8.33	687	92.33	57	7.66	8,676	97,361	5.10	6,896	1,284,661	67.31
1741- 1750	3	0.40	65	8.73	682	91.66	62	8.33	5,244	102,605	5.37	6,844	1,291,505	67.66
1751- 1760	3	0.40	68	9.13	679	91.26	65	8.73	5,269	107,874	5.65	6,809	1,298,314	68.02
1761- 1770	4	0.53	72	9.67	676	90.86	68	9.13	7,063	114,937	6.02	6,783	1,305,097	68.38
1771- 1780	4	0.53	76	10.21	672	90.32	72	9.67	7,101	122,038	6.39	6,741	1,311,838	68.73
1781- 1790	3	0.40	79	10.61	668	89.78	76	10.21	5,358	127,396	6.67	6,698	1,318,536	69.08
1791- 1800	2	0.26	81	10.88	665	89.38	79	10.61	3,583	130,979	6.86	6,653	1,325,189	69.43
1801- 1810	5	0.67	86	11.55	663	89.11	81	10.88	9,042	140,021	7.33	6,672	1,331,861	69.78
1811- 1820	2	0.26	88	11.82	658	88.44	86	11.55	3,635	143,656	7.52	6,595	1,338,456	70.12
1821- 1830	3	0.40	91	12.23	656	88.17	88	11.82	5,480	149,136	7.81	6,580	1,345,036	70.47
1831- 1840	4	0.53	95	12.76	653	87.76	91	12.23	7,348	156,484	8.19	6,558	1,351,594	70.81
1841- 1850	3	0.40	98	13.17	649	87.23	95	12.76	5,547	162,031	8.48	6,517	1,358,111	71.15
1851- 1860	2	0.26	100	13.44	646	86.82	98	13.17	3,712	165,743	8.68	6,472	1,364,583	71.49
1861- 1870	5	0.67	105	14.11	644	86.55	100	13.44	9,337	175,080	9.17	6,477	1,371,060	71.83
1871- 1880	1	0.13	106	14.24	639	85.88	105	14.11	1,878	176,958	9.27	6,398	1,377,458	72.17
1881- 1890	6	0.80	112	15.05	638	85.75	106	14.24	11,324	188,282	9.86	6,424	1,383,882	72.50
1891- 1900	5	0.67	117	15.72	632	84.94	112	15.05	9,479	197,761	10.36	6,349	1,390,231	72.84
1901- 1910	6	0.80	123	16.53	627	84.27	117	15.72	11,429	209,190	10.96	6,299	1,396,530	73.17
1911- 1920	8	1.07	131	17.60	621	83.46	123	16.53	15,335	224,525	11.76	6,265	1,402,795	73.50
1921- 1930	4	0.53	135	18.14	613	82.39	131	17.60	7,702	232,227	12.16	6,152	1,408,947	73.82
1931- 1940	3	0.40	138	18.54	609	81.85	135	18.14	5,813	238,040	12.47	6,113	1,415,060	74.14
1941- 1950	6	0.80	144	19.35	606	81.45	138	18.54	11,671	249,711	13.08	6,091	1,421,151	74.46
1951- 1960	8	1.07	152	20.43	600	80.64	144	19.35	15,645	265,356	13.90	6,045	1,427,196	74.77

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-01-82 TO 07-31-82

DATE 09/17/82
PAGE NO. 2

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE		CUMULATIVE HOURS		HOURS IN OR ABOVE RANGE		HOURS BELOW RANGE		ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE		ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%		MWH	%		MWH	%
1961- 1970	4	0.53	156	20.96	592	79.56	152	20.43	7,858	273,214	14.31	5,938	1,433,134	75.09
1971- 1980	5	0.67	161	21.63	588	79.03	156	20.96	9,870	283,084	14.83	5,900	1,439,034	75.39
1981- 1990	5	0.67	166	22.31	583	78.36	161	21.63	9,918	293,002	15.35	5,848	1,444,882	75.70
1991- 2000	7	0.94	173	23.25	578	77.68	166	22.31	13,959	306,961	16.08	5,809	1,450,691	76.00
2001- 2010	7	0.94	180	24.19	571	76.74	173	23.25	14,033	320,994	16.81	5,743	1,456,434	76.31
2011- 2020	7	0.94	187	25.13	564	75.80	180	24.19	14,098	335,092	17.55	5,668	1,462,102	76.60
2021- 2030	4	0.53	191	25.67	557	74.86	187	25.13	8,091	343,183	17.98	5,581	1,467,683	76.90
2031- 2040	1	0.13	192	25.80	553	74.32	191	25.67	2,035	345,218	18.08	5,535	1,473,218	77.19
2041- 2050	6	0.80	198	26.61	552	74.19	192	25.80	12,272	357,490	18.73	5,552	1,478,770	77.48
2051- 2060	4	0.53	202	27.15	546	73.38	198	26.61	8,232	365,722	19.16	5,492	1,484,262	77.76
2061- 2070	4	0.53	206	27.68	542	72.84	202	27.15	8,264	373,986	19.59	5,444	1,489,706	78.05
2071- 2080	3	0.40	209	28.09	538	72.31	206	27.68	6,232	380,218	19.92	5,402	1,495,108	78.33
2081- 2090	5	0.67	214	28.76	535	71.90	209	28.09	10,433	390,651	20.46	5,383	1,500,491	78.61
2091- 2100	5	0.67	219	29.43	530	71.23	214	28.76	10,482	401,133	21.01	5,332	1,505,823	78.89
2101- 2110	7	0.94	226	30.37	525	70.56	219	29.43	14,733	415,866	21.78	5,283	1,511,106	79.17
2111- 2120	2	0.26	228	30.64	518	69.62	226	30.37	4,234	420,100	22.01	5,194	1,516,300	79.44
2121- 2130	4	0.53	232	31.18	516	69.35	228	30.64	8,501	428,601	22.45	5,181	1,521,481	79.71
2131- 2140	2	0.26	234	31.45	512	68.81	232	31.18	4,275	432,876	22.68	5,135	1,526,616	79.98
2141- 2150	2	0.26	236	31.72	510	68.54	234	31.45	4,288	437,164	22.90	5,108	1,531,724	80.25
2151- 2160	3	0.40	239	32.12	508	68.27	236	31.72	6,462	443,626	23.24	5,092	1,536,816	80.52
2161- 2170	3	0.40	242	32.52	505	67.87	239	32.12	6,489	450,115	23.58	5,059	1,541,875	80.78
2171- 2180	2	0.26	244	32.79	502	67.47	242	32.52	4,347	454,462	23.81	5,027	1,546,902	81.05
2181- 2190	5	0.67	249	33.46	500	67.20	244	32.79	10,915	465,377	24.38	5,015	1,551,917	81.31
2191- 2200	6	0.80	255	34.27	495	66.53	249	33.46	13,165	478,542	25.07	4,975	1,556,892	81.57
2201- 2210	3	0.40	258	34.67	489	65.72	255	34.27	6,618	485,160	25.42	4,908	1,561,800	81.83
2211- 2220	3	0.40	261	35.08	486	65.32	258	34.67	6,651	491,811	25.76	4,881	1,566,681	82.08
2221- 2230	3	0.40	264	35.48	483	64.91	261	35.08	6,677	498,488	26.11	4,847	1,571,528	82.34
2231- 2240	4	0.53	268	36.02	480	64.51	264	35.48	8,940	507,428	26.58	4,820	1,576,348	82.59
2241- 2250	4	0.53	272	36.55	476	63.97	268	36.02	8,994	516,422	27.05	4,794	1,581,142	82.84
2251- 2260	1	0.13	273	36.69	472	63.44	272	36.55	2,258	518,680	27.17	4,728	1,585,870	83.09
2261- 2270	5	0.67	278	37.36	471	63.30	273	36.69	11,324	530,004	27.76	4,734	1,590,604	83.34
2271- 2280	3	0.40	281	37.76	466	62.63	278	37.36	6,832	536,836	28.12	4,682	1,595,286	83.58
2281- 2290	4	0.53	285	38.30	463	62.23	281	37.76	9,137	545,973	28.60	4,647	1,599,933	83.82
2291- 2300	2	0.26	287	38.57	459	61.69	285	38.30	4,589	550,562	28.84	4,599	1,604,532	84.07
2301- 2310	1	0.13	288	38.70	457	61.42	287	38.57	2,309	552,871	28.96	4,579	1,609,111	84.31
2311- 2320	2	0.26	290	38.97	456	61.29	288	38.70	4,632	557,503	29.21	4,572	1,613,683	84.55
2321- 2330	3	0.40	293	39.38	454	61.02	290	38.97	6,977	564,480	29.57	4,557	1,618,240	84.78
2331- 2340	4	0.53	297	39.91	451	60.61	293	39.38	9,341	573,821	30.06	4,531	1,622,771	85.02
2341- 2350	5	0.67	302	40.59	447	60.08	297	39.91	11,735	585,556	30.68	4,505	1,627,276	85.26
2351- 2360	3	0.40	305	40.99	442	59.40	302	40.59	7,062	592,618	31.05	4,432	1,631,708	85.49
2361- 2370	2	0.26	307	41.26	439	59.00	305	40.99	4,730	597,348	31.29	4,400	1,636,108	85.72
2371- 2380	1	0.13	308	41.39	437	58.73	307	41.26	2,375	599,723	31.42	4,375	1,640,483	85.95
2381- 2390	1	0.13	309	41.53	436	58.60	308	41.39	2,385	602,108	31.54	4,365	1,644,848	86.18
2391- 2400	4	0.53	313	42.06	435	58.46	309	41.53	9,585	611,693	32.05	4,375	1,649,223	86.41
2401- 2410	5	0.67	318	42.74	431	57.93	313	42.06	12,030	623,723	32.68	4,340	1,653,563	86.63
2411- 2420	3	0.40	321	43.14	426	57.25	318	42.74	7,248	630,971	33.06	4,278	1,657,841	86.86
2421- 2430	4	0.53	325	43.68	423	56.85	321	43.14	9,703	640,674	33.56	4,253	1,662,094	87.08
2431- 2440	6	0.80	331	44.48	419	56.31	325	43.68	14,613	655,287	34.33	4,223	1,666,317	87.30
2441- 2450	2	0.26	333	44.75	413	55.51	331	44.48	4,888	660,175	34.59	4,138	1,670,455	87.52
2451- 2460	1	0.13	334	44.89	411	55.24	333	44.75	2,452	662,627	34.71	4,112	1,674,567	87.74
2461- 2470	4	0.53	338	45.43	410	55.10	334	44.89	9,848	672,475	35.23	4,108	1,678,675	87.95
2471- 2480	2	0.26	340	45.69	406	54.56	338	45.43	4,950	677,425	35.49	4,070	1,682,745	88.16
2481- 2490	3	0.40	343	46.10	404	54.30	340	45.69	7,454	684,879	35.88	4,054	1,686,799	88.38
2491- 2500	5	0.67	348	46.77	401	53.89	343	46.10	12,476	697,355	36.53	4,036	1,690,835	88.59
2501- 2510	3	0.40	351	47.17	396	53.22	348	46.77	7,522	704,877	36.93	3,982	1,694,817	88.80

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-01-82 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2511- 2520	3	0.40	354	47.58	393	52.82	351	47.17	7,545	712,422	37.32	3,945	1,698,762	89.00
2521- 2530	4	0.53	358	48.11	390	52.41	354	47.58	10,098	722,520	37.85	3,918	1,702,680	89.21
2531- 2540	5	0.67	363	48.79	386	51.88	358	48.11	12,677	735,197	38.52	3,887	1,706,567	89.41
2541- 2550	3	0.40	366	49.19	381	51.20	363	48.79	7,634	742,831	38.92	3,824	1,710,391	89.61
2551- 2560	3	0.40	369	49.59	378	50.80	366	49.19	7,670	750,501	39.32	3,800	1,714,191	89.81
2561- 2570	1	0.13	370	49.73	375	50.40	369	49.59	2,563	753,064	39.45	3,753	1,717,944	90.01
2571- 2580	1	0.13	371	49.86	374	50.26	370	49.73	2,578	755,642	39.59	3,748	1,721,692	90.20
2581- 2590	7	0.94	378	50.80	373	50.13	371	49.86	18,086	773,728	40.54	3,756	1,725,448	90.40
2591- 2600	4	0.53	382	51.34	366	49.19	378	50.80	10,386	784,114	41.08	3,686	1,729,134	90.59
2601- 2610	6	0.80	388	52.15	362	48.65	382	51.34	15,632	799,746	41.90	3,652	1,732,786	90.79
2611- 2620	1	0.13	389	52.28	356	47.84	388	52.15	2,613	802,359	42.04	3,563	1,736,349	90.97
2621- 2630	5	0.67	394	52.95	355	47.71	389	52.28	13,134	815,493	42.72	3,584	1,739,933	91.16
2631- 2640	3	0.40	397	53.36	350	47.04	394	52.95	7,914	823,407	43.14	3,524	1,743,457	91.34
2641- 2650	6	0.80	403	54.16	347	46.63	397	53.36	15,864	839,271	43.97	3,494	1,746,951	91.53
2651- 2660	7	0.94	410	55.10	341	45.83	403	54.16	18,581	857,852	44.94	3,441	1,750,392	91.71
2661- 2670	4	0.53	414	55.64	334	44.89	410	55.10	10,666	868,518	45.50	3,366	1,753,758	91.88
2671- 2680	2	0.26	416	55.91	330	44.35	414	55.64	5,349	873,867	45.78	3,309	1,757,067	92.06
2681- 2690	4	0.53	420	56.45	328	44.08	416	55.91	10,742	884,609	46.34	3,302	1,760,369	92.23
2691- 2700	2	0.26	422	56.72	324	43.54	420	56.45	5,390	889,999	46.63	3,250	1,763,619	92.40
2701- 2710	2	0.26	424	56.98	322	43.27	422	56.72	5,412	895,411	46.91	3,232	1,766,851	92.57
2711- 2720	3	0.40	427	57.39	320	43.01	424	56.98	8,134	903,545	47.34	3,204	1,770,055	92.74
2721- 2730	1	0.13	428	57.52	317	42.60	427	57.39	2,725	906,270	47.48	3,175	1,773,230	92.90
2731- 2740	1	0.13	429	57.66	316	42.47	428	57.52	2,731	909,001	47.62	3,161	1,776,391	93.07
2741- 2750	2	0.26	431	57.93	315	42.33	429	57.66	5,485	914,486	47.91	3,155	1,779,546	93.24
2751- 2760	1	0.13	432	58.06	313	42.06	431	57.93	2,760	917,246	48.05	3,140	1,782,686	93.40
2761- 2770	3	0.40	435	58.46	312	41.93	432	58.06	8,299	925,545	48.49	3,139	1,785,825	93.56
2771- 2780	2	0.26	437	58.73	309	41.53	435	58.46	5,549	931,094	48.78	3,099	1,788,924	93.73
2781- 2790	7	0.94	444	59.67	307	41.26	437	58.73	19,511	950,605	49.80	3,121	1,792,045	93.89
2791- 2800	3	0.40	447	60.08	300	40.32	444	59.67	8,383	958,988	50.24	3,013	1,795,058	94.05
2801- 2810	1	0.13	448	60.21	297	39.91	447	60.08	2,805	961,793	50.39	2,975	1,798,033	94.20
2811- 2820	4	0.53	452	60.75	296	39.78	448	60.21	11,257	973,050	50.98	2,977	1,801,010	94.36
2821- 2830	8	1.07	460	61.82	292	39.24	452	60.75	22,599	995,649	52.16	2,959	1,803,969	94.52
2831- 2840	10	1.34	470	63.17	284	38.17	460	61.82	28,377	1,024,026	53.65	2,917	1,806,886	94.67
2841- 2850	7	0.94	477	64.11	274	36.82	470	63.17	19,934	1,043,960	54.69	2,794	1,809,680	94.81
2851- 2860	5	0.67	482	64.78	267	35.88	477	64.11	14,290	1,058,250	55.44	2,710	1,812,390	94.96
2861- 2870	4	0.53	486	65.32	262	35.21	482	64.78	11,465	1,069,715	56.04	2,645	1,815,035	95.10
2871- 2880	2	0.26	488	65.59	258	34.67	486	65.32	5,754	1,075,469	56.34	2,594	1,817,629	95.23
2881- 2890	2	0.26	490	65.86	256	34.40	488	65.59	5,769	1,081,238	56.65	2,569	1,820,198	95.37
2891- 2900	3	0.40	493	66.26	254	34.13	490	65.86	8,686	1,089,924	57.10	2,556	1,822,754	95.50
2901- 2910	3	0.40	496	66.66	251	33.73	493	66.26	8,717	1,098,641	57.56	2,527	1,825,281	95.63
2911- 2920	3	0.40	499	67.06	248	33.33	496	66.66	8,741	1,107,382	58.02	2,491	1,827,772	95.76
2921- 2930	4	0.53	503	67.60	245	32.93	499	67.06	11,698	1,119,080	58.63	2,468	1,830,240	95.89
2931- 2940	2	0.26	505	67.87	241	32.39	503	67.60	5,873	1,124,953	58.94	2,423	1,832,663	96.02
2941- 2950	1	0.13	506	68.01	239	32.12	505	67.87	2,947	1,127,900	59.09	2,397	1,835,060	96.14
2951- 2960	10	1.34	516	69.35	238	31.98	506	68.01	29,561	1,157,461	60.64	2,441	1,837,501	96.27
2961- 2970	2	0.26	518	69.62	228	30.64	516	69.35	5,932	1,163,393	60.95	2,292	1,839,793	96.39
2971- 2980	5	0.67	523	70.29	226	30.37	518	69.62	14,885	1,178,278	61.73	2,295	1,842,088	96.51
2981- 2990	5	0.67	528	70.96	221	29.70	523	70.29	14,931	1,193,209	62.51	2,241	1,844,329	96.63
2991- 3000	6	0.80	534	71.77	216	29.03	528	70.96	17,973	1,211,182	63.46	2,193	1,846,522	96.74
3001- 3010	1	0.13	535	71.90	210	28.22	534	71.77	3,002	1,214,184	63.61	2,102	1,848,624	96.85
3011- 3020	3	0.40	538	72.31	209	28.09	535	71.90	9,039	1,223,223	64.09	2,099	1,850,723	96.96
3021- 3030	3	0.40	541	72.71	206	27.68	538	72.31	9,074	1,232,297	64.56	2,074	1,852,797	97.07
3031- 3040	2	0.26	543	72.98	203	27.28	541	72.71	6,078	1,238,375	64.88	2,048	1,854,845	97.18
3041- 3050	1	0.13	544	73.11	201	27.01	543	72.98	3,048	1,241,423	65.04	2,018	1,856,863	97.29
3051- 3060	4	0.53	548	73.65	200	26.88	544	73.11	12,218	1,253,641	65.68	2,018	1,858,881	97.39

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-01-82 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3061- 3070	2	0.26	550	73.92	196	26.34	548	73.65	6,126	1,259,767	66.00	1,966	1,860,847	97.50
3071- 3080	3	0.40	553	74.32	194	26.07	550	73.92	9,226	1,268,993	66.48	1,956	1,862,803	97.60
3081- 3090	9	1.20	562	75.53	191	25.67	553	74.32	27,772	1,296,765	67.94	1,962	1,864,765	97.70
3091- 3100	6	0.80	568	76.34	182	24.46	562	75.53	18,559	1,315,324	68.91	1,839	1,866,604	97.80
3101- 3110	3	0.40	571	76.74	176	23.65	568	76.34	9,313	1,324,637	69.40	1,773	1,868,377	97.89
3111- 3120	2	0.26	573	77.01	173	23.25	571	76.74	6,227	1,330,864	69.73	1,737	1,870,114	97.98
3121- 3130	5	0.67	578	77.68	171	22.98	573	77.01	15,629	1,346,493	70.55	1,739	1,871,853	98.07
3131- 3140	3	0.40	581	78.09	166	22.31	578	77.68	9,406	1,355,899	71.04	1,676	1,873,529	98.16
3141- 3150	2	0.26	583	78.36	163	21.90	581	78.09	6,298	1,362,197	71.37	1,648	1,875,177	98.25
3151- 3160	1	0.13	584	78.49	161	21.63	583	78.36	3,153	1,365,350	71.53	1,613	1,876,790	98.33
3161- 3170	7	0.94	591	79.43	160	21.50	584	78.49	22,169	1,387,519	72.70	1,649	1,878,439	98.42
3171- 3180	4	0.53	595	79.97	153	20.56	591	79.43	12,694	1,400,213	73.36	1,544	1,879,983	98.50
3181- 3190	3	0.40	598	80.37	149	20.02	595	79.97	9,553	1,409,766	73.86	1,503	1,881,486	98.58
3191- 3200	7	0.94	605	81.31	146	19.62	598	80.37	22,385	1,432,151	75.03	1,515	1,883,001	98.66
3201- 3210	7	0.94	612	82.25	139	18.68	605	81.31	22,448	1,454,599	76.21	1,438	1,884,439	98.73
3211- 3220	7	0.94	619	83.19	132	17.74	612	82.25	22,498	1,477,097	77.39	1,348	1,885,787	98.80
3221- 3230	6	0.80	625	84.00	125	16.80	619	83.19	19,353	1,496,450	78.40	1,283	1,887,070	98.87
3231- 3240	5	0.67	630	84.67	119	15.99	625	84.00	16,183	1,512,633	79.25	1,223	1,888,293	98.93
3241- 3250	3	0.40	633	85.08	114	15.32	630	84.67	9,738	1,522,371	79.76	1,158	1,889,451	98.99
3251- 3260	3	0.40	636	85.48	111	14.91	633	85.08	9,765	1,532,136	80.27	1,125	1,890,576	99.05
3261- 3270	5	0.67	641	86.15	108	14.51	636	85.48	16,328	1,548,464	81.13	1,108	1,891,684	99.11
3271- 3280	2	0.26	643	86.42	103	13.84	641	86.15	6,552	1,555,016	81.47	1,042	1,892,726	99.17
3281- 3290	3	0.40	646	86.82	101	13.57	643	86.42	9,851	1,564,867	81.99	1,021	1,893,747	99.22
3301- 3310	4	0.53	650	87.36	98	13.17	646	86.82	13,239	1,578,106	82.68	1,019	1,895,746	99.32
3311- 3320	3	0.40	653	87.76	94	12.63	650	87.36	9,959	1,588,065	83.20	969	1,896,715	99.37
3321- 3330	1	0.13	654	87.90	91	12.23	653	87.76	3,325	1,591,390	83.38	915	1,897,630	99.42
3341- 3350	4	0.53	658	88.44	90	12.09	654	87.90	13,385	1,604,775	84.08	925	1,899,455	99.52
3351- 3360	4	0.53	662	88.97	86	11.55	658	88.44	13,423	1,618,198	84.78	883	1,900,338	99.56
3361- 3370	2	0.26	664	89.24	82	11.02	662	88.97	6,731	1,624,929	85.13	831	1,901,169	99.61
3371- 3380	5	0.67	669	89.91	80	10.75	664	89.24	16,883	1,641,812	86.02	833	1,902,002	99.65
3391- 3400	2	0.26	671	90.18	75	10.08	669	89.91	6,785	1,648,597	86.37	755	1,903,507	99.73
3401- 3410	1	0.13	672	90.32	73	9.81	671	90.18	3,402	1,651,999	86.55	732	1,904,239	99.77
3411- 3420	3	0.40	675	90.72	72	9.67	672	90.32	10,254	1,662,253	87.09	744	1,904,983	99.81
3421- 3430	1	0.13	676	90.86	69	9.27	675	90.72	3,424	1,665,677	87.27	694	1,905,677	99.84
3431- 3440	1	0.13	677	90.99	68	9.13	676	90.86	3,431	1,669,108	87.45	681	1,906,358	99.88
3441- 3450	4	0.53	681	91.53	67	9.00	677	90.99	13,786	1,682,894	88.17	696	1,907,054	99.92
3451- 3460	4	0.53	685	92.06	63	8.46	681	91.53	13,817	1,696,711	88.90	647	1,907,701	99.95
3461- 3470	2	0.26	687	92.33	59	7.93	685	92.06	6,933	1,703,644	89.26	603	1,908,304	99.98
3471- 3480	4	0.53	691	92.87	57	7.66	687	92.33	13,901	1,717,545	89.99	591	1,908,895	100.01
3481- 3490	5	0.67	696	93.54	53	7.12	691	92.87	17,424	1,734,969	90.90	554	1,909,449	100.04
3491- 3500	3	0.40	699	93.95	48	6.45	696	93.54	10,491	1,745,460	91.45	501	1,909,950	100.07
3501- 3510	4	0.53	703	94.48	45	6.04	699	93.95	14,010	1,759,470	92.18	460	1,910,410	100.09
3511- 3520	3	0.40	706	94.89	41	5.51	703	94.48	10,548	1,770,018	92.74	428	1,910,838	100.11
3521- 3530	3	0.40	709	95.29	38	5.10	706	94.89	10,582	1,780,600	93.29	402	1,911,240	100.14
3531- 3540	1	0.13	710	95.43	35	4.70	709	95.29	3,538	1,784,138	93.48	358	1,911,598	100.15
3541- 3550	4	0.53	714	95.96	34	4.56	710	95.43	14,189	1,798,327	94.22	369	1,911,967	100.17
3551- 3560	2	0.26	716	96.23	30	4.03	714	95.96	7,108	1,805,435	94.59	308	1,912,275	100.19
3561- 3570	2	0.26	718	96.50	28	3.76	716	96.23	7,129	1,812,564	94.97	289	1,912,564	100.21
3571- 3580	4	0.53	722	97.04	26	3.49	718	96.50	14,297	1,826,861	95.71	277	1,912,841	100.22
3581- 3590	1	0.13	723	97.17	22	2.95	722	97.04	3,590	1,830,451	95.90	230	1,913,071	100.23
3591- 3600	2	0.26	725	97.44	21	2.82	723	97.17	7,192	1,837,643	96.28	222	1,913,293	100.24
3601- 3610	1	0.13	726	97.58	19	2.55	725	97.44	3,602	1,841,245	96.47	192	1,913,485	100.25
3611- 3620	3	0.40	729	97.98	18	2.41	726	97.58	10,841	1,852,086	97.04	191	1,913,676	100.26
3641- 3650	1	0.13	730	98.11	15	2.01	729	97.98	3,642	1,855,728	97.23	152	1,914,128	100.29
3651- 3660	1	0.13	731	98.25	14	1.88	730	98.11	3,655	1,859,383	97.42	145	1,914,273	100.29

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
07-01-82 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3661- 3670	1	0.13	732	98.38	13	1.74	731	98.25	3,665	1,863,048	97.61	135	1,914,408	100.30
3681- 3690	2	0.26	734	98.65	12	1.61	732	98.38	7,371	1,870,419	98.00	131	1,914,659	100.31
3691- 3700	1	0.13	735	98.79	10	1.34	734	98.65	3,691	1,874,110	98.19	101	1,914,760	100.32
3701- 3710	1	0.13	736	98.92	9	1.20	735	98.79	3,701	1,877,811	98.38	91	1,914,851	100.32
3761- 3770	1	0.13	737	99.05	8	1.07	736	98.92	3,767	1,881,578	98.58	87	1,915,338	100.35
3791- 3800	2	0.26	739	99.32	7	0.94	737	99.05	7,595	1,889,173	98.98	85	1,915,563	100.36
3831- 3840	2	0.26	741	99.59	5	0.67	739	99.32	7,680	1,896,853	99.38	70	1,915,783	100.37
3861- 3870	1	0.13	742	99.73	3	0.40	741	99.59	3,870	1,900,723	99.58	40	1,915,883	100.38
3881- 3890	1	0.13	743	99.86	2	0.26	742	99.73	3,886	1,904,609	99.79	26	1,915,929	100.38
3941- 3950	1	0.13	744	100.00	1	0.13	743	99.86	3,945	1,908,554	100.00	15	1,915,994	100.38

TOTAL NUMBER OF HOURS IN STUDY IS 744

TOTAL MWH IN STUDY IS 1,908,554

PEAK MWH OF 3945 OCCURRED ON 07-19-82 AT 2 PM

PENNSYLVANIA POWER & LIGHT COMPANY

Load Occurrence Curves
Year Ended July 31, 1982

Part c. The loads of summer and winter periods for the experienced test year.

	Pages
Summer Period:	
(August and September 1981, June and July, 1982)	1 - 9
Winter Period:	
October 1, 1981 to March 31, 1982	10 - 15

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/29/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1421- 1430	1	0.06	1	0.06	1,464	100.00	0	0.00	1,427	1,427	0.03	14,647	2,093,527	56.57
1431- 1440	1	0.06	2	0.13	1,463	99.93	1	0.06	1,439	2,866	0.07	14,639	2,108,166	56.96
1451- 1460	3	0.20	5	0.34	1,462	99.86	2	0.13	4,370	7,236	0.19	14,640	2,137,426	57.75
1461- 1470	1	0.06	6	0.40	1,459	99.65	5	0.34	1,467	8,703	0.23	14,597	2,152,023	58.15
1471- 1480	1	0.06	7	0.47	1,458	99.59	6	0.40	1,478	10,181	0.27	14,588	2,166,611	58.54
1481- 1490	1	0.06	8	0.54	1,457	99.52	7	0.47	1,488	11,669	0.31	14,578	2,181,189	58.94
1491- 1500	2	0.13	10	0.68	1,456	99.45	8	0.54	2,992	14,661	0.39	14,572	2,195,761	59.33
1501- 1510	2	0.13	12	0.81	1,454	99.31	10	0.68	3,011	17,672	0.47	14,551	2,210,312	59.72
1511- 1520	5	0.34	17	1.16	1,452	99.18	12	0.81	7,571	25,243	0.68	14,541	2,224,853	60.12
1521- 1530	3	0.20	20	1.36	1,447	98.83	17	1.16	4,583	29,826	0.80	14,493	2,239,346	60.51
1531- 1540	3	0.20	23	1.57	1,444	98.63	20	1.36	4,602	34,428	0.93	14,452	2,253,798	60.90
1541- 1550	3	0.20	26	1.77	1,441	98.42	23	1.57	4,641	39,069	1.05	14,431	2,268,229	61.29
1551- 1560	1	0.06	27	1.84	1,438	98.22	26	1.77	1,556	40,625	1.09	14,386	2,282,615	61.68
1561- 1570	2	0.13	29	1.98	1,437	98.15	27	1.84	3,130	43,755	1.18	14,380	2,296,995	62.07
1571- 1580	3	0.20	32	2.18	1,435	98.01	29	1.98	4,725	48,480	1.31	14,365	2,311,360	62.45
1581- 1590	7	0.47	39	2.66	1,432	97.81	32	2.18	11,107	59,587	1.61	14,367	2,325,727	62.84
1591- 1600	2	0.13	41	2.80	1,425	97.33	39	2.66	3,189	62,776	1.69	14,259	2,339,986	63.23
1601- 1610	3	0.20	44	3.00	1,423	97.19	41	2.80	4,819	67,595	1.82	14,249	2,354,235	63.61
1611- 1620	3	0.20	47	3.21	1,420	96.99	44	3.00	4,849	72,444	1.95	14,219	2,368,454	64.00
1621- 1630	1	0.06	48	3.27	1,417	96.78	47	3.21	1,630	74,074	2.00	14,180	2,382,634	64.38
1631- 1640	4	0.27	52	3.55	1,416	96.72	48	3.27	6,540	80,614	2.17	14,180	2,396,814	64.76
1651- 1660	4	0.27	56	3.82	1,412	96.44	52	3.55	6,621	87,235	2.35	14,141	2,425,075	65.53
1661- 1670	6	0.40	62	4.23	1,408	96.17	56	3.82	9,992	97,227	2.62	14,112	2,439,187	65.91
1671- 1680	5	0.34	67	4.57	1,402	95.76	62	4.23	8,380	105,607	2.85	14,050	2,453,237	66.29
1681- 1690	7	0.47	74	5.05	1,397	95.42	67	4.57	11,793	117,400	3.17	14,003	2,467,240	66.67
1691- 1700	7	0.47	81	5.53	1,390	94.94	74	5.05	11,867	129,267	3.49	13,937	2,481,177	67.04
1701- 1710	6	0.40	87	5.94	1,383	94.46	81	5.53	10,232	139,499	3.76	13,862	2,495,039	67.42
1711- 1720	5	0.34	92	6.28	1,377	94.05	87	5.94	8,574	148,073	4.00	13,794	2,508,833	67.79
1721- 1730	4	0.27	96	6.55	1,372	93.71	92	6.28	6,895	154,968	4.18	13,735	2,522,568	68.16
1731- 1740	3	0.20	99	6.76	1,368	93.44	96	6.55	5,210	160,178	4.32	13,700	2,536,268	68.53
1741- 1750	6	0.40	105	7.17	1,365	93.23	99	6.76	10,456	170,634	4.61	13,666	2,549,934	68.90
1751- 1760	7	0.47	112	7.65	1,359	92.82	105	7.17	12,288	182,922	4.94	13,628	2,563,562	69.27
1761- 1770	7	0.47	119	8.12	1,352	92.34	112	7.65	12,371	195,293	5.27	13,571	2,577,133	69.64
1771- 1780	5	0.34	124	8.46	1,345	91.87	119	8.12	8,888	204,181	5.51	13,488	2,590,621	70.00
1781- 1790	8	0.54	132	9.01	1,340	91.53	124	8.46	14,288	218,469	5.90	13,448	2,604,069	70.36
1791- 1800	3	0.20	135	9.22	1,332	90.98	132	9.01	5,386	223,855	6.04	13,336	2,617,405	70.72
1801- 1810	7	0.47	142	9.69	1,329	90.77	135	9.22	12,640	236,495	6.39	13,330	2,630,735	71.08
1811- 1820	10	0.68	152	10.38	1,322	90.30	142	9.69	18,153	254,648	6.88	13,273	2,644,008	71.44
1821- 1830	7	0.47	159	10.86	1,312	89.61	152	10.38	12,769	267,417	7.22	13,149	2,657,157	71.80
1831- 1840	4	0.27	163	11.13	1,305	89.13	159	10.86	7,350	274,767	7.42	13,080	2,670,237	72.15
1841- 1850	8	0.54	171	11.68	1,301	88.86	163	11.13	14,773	289,540	7.82	13,063	2,683,300	72.51
1851- 1860	10	0.68	181	12.36	1,293	88.31	171	11.68	18,564	308,104	8.32	12,994	2,696,294	72.86
1861- 1870	13	0.88	194	13.25	1,283	87.63	181	12.36	24,260	332,364	8.98	12,910	2,709,204	73.21
1871- 1880	11	0.75	205	14.00	1,270	86.74	194	13.25	20,622	352,986	9.53	12,752	2,721,956	73.55
1881- 1890	13	0.88	218	14.89	1,259	85.99	205	14.00	24,506	377,492	10.20	12,656	2,734,612	73.89
1891- 1900	11	0.75	229	15.64	1,246	85.10	218	14.89	20,849	398,341	10.76	12,519	2,747,131	74.23
1901- 1910	19	1.29	248	16.93	1,235	84.35	229	15.64	36,223	434,564	11.74	12,473	2,759,604	74.57
1911- 1920	11	0.75	259	17.69	1,216	83.06	248	16.93	21,070	455,634	12.31	12,220	2,771,824	74.90
1921- 1930	9	0.61	268	18.30	1,205	82.30	259	17.69	17,320	472,954	12.78	12,090	2,783,914	75.22
1931- 1940	10	0.68	278	18.98	1,196	81.69	268	18.30	19,337	492,291	13.30	11,997	2,795,911	75.55
1941- 1950	13	0.88	291	19.87	1,186	81.01	278	18.98	25,299	517,590	13.98	11,939	2,807,850	75.87
1951- 1960	13	0.88	304	20.76	1,173	80.12	291	19.87	25,422	543,012	14.67	11,802	2,819,652	76.19
1961- 1970	9	0.61	313	21.37	1,160	79.23	304	20.76	17,604	560,696	15.15	11,644	2,831,296	76.50
1971- 1980	8	0.54	321	21.92	1,151	78.62	313	21.37	15,812	576,508	15.57	11,562	2,842,858	76.82

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1981- 1990	13	0.88	334	22.81	1,143	78.07	321	21.92	25,818	602,326	16.27	11,508	2,854,366	77.13
1991- 2000	11	0.75	345	23.56	1,130	77.18	334	22.81	21,974	624,300	16.87	11,384	2,865,750	77.44
2001- 2010	12	0.81	357	24.38	1,119	76.43	345	23.56	24,059	648,359	17.52	11,249	2,876,999	77.74
2011- 2020	10	0.68	367	25.06	1,107	75.61	357	24.38	20,143	668,502	18.06	11,113	2,888,112	78.04
2021- 2030	11	0.75	378	25.81	1,097	74.93	367	25.06	22,291	690,793	18.66	11,041	2,899,153	78.34
2031- 2040	5	0.34	383	26.16	1,086	74.18	378	25.81	10,166	700,959	18.94	10,876	2,910,029	78.63
2041- 2050	13	0.88	396	27.04	1,081	73.83	383	26.16	26,594	727,553	19.66	10,804	2,920,913	78.93
2051- 2060	13	0.88	409	27.93	1,068	72.95	396	27.04	26,704	754,257	20.38	10,734	2,931,647	79.22
2061- 2070	6	0.40	415	28.34	1,055	72.06	409	27.93	12,403	766,660	20.71	10,593	2,942,240	79.50
2071- 2080	9	0.61	424	28.96	1,049	71.65	415	28.34	18,667	785,327	21.22	10,527	2,952,767	79.79
2081- 2090	10	0.68	434	29.64	1,040	71.03	424	28.96	20,843	806,170	21.78	10,443	2,963,210	80.07
2091- 2100	10	0.68	444	30.32	1,030	70.35	434	29.64	20,949	827,119	22.35	10,349	2,973,559	80.35
2101- 2110	9	0.61	453	30.94	1,020	69.67	444	30.32	18,950	846,069	22.86	10,250	2,983,809	80.63
2111- 2120	8	0.54	461	31.48	1,011	69.05	453	30.94	16,918	862,987	23.32	10,148	2,993,957	80.90
2121- 2130	11	0.75	472	32.24	1,003	68.51	461	31.48	23,368	886,375	23.95	10,098	3,004,055	81.17
2131- 2140	10	0.68	482	32.92	992	67.75	472	32.24	21,363	907,738	24.52	9,983	3,014,038	81.44
2141- 2150	7	0.47	489	33.40	982	67.07	482	32.92	15,028	922,766	24.93	9,868	3,023,906	81.71
2151- 2160	5	0.34	494	33.74	975	66.59	489	33.40	10,777	933,543	25.22	9,777	3,033,683	81.97
2161- 2170	7	0.47	501	34.22	970	66.25	494	33.74	15,159	948,702	25.63	9,739	3,043,422	82.24
2171- 2180	11	0.75	512	34.97	963	65.77	501	34.22	23,947	972,649	26.28	9,707	3,053,129	82.50
2181- 2190	6	0.40	518	35.38	952	65.02	512	34.97	13,112	985,761	26.63	9,552	3,062,681	82.76
2191- 2200	8	0.54	526	35.92	946	64.61	518	35.38	17,558	1,003,319	27.11	9,498	3,072,179	83.01
2201- 2210	7	0.47	533	36.40	938	64.07	526	35.92	15,431	1,018,750	27.52	9,411	3,081,590	83.27
2211- 2220	8	0.54	541	36.95	931	63.59	533	36.40	17,734	1,036,484	28.00	9,364	3,090,954	83.52
2221- 2230	8	0.54	549	37.50	923	63.04	541	36.95	17,808	1,054,292	28.48	9,278	3,100,232	83.77
2231- 2240	9	0.61	558	38.11	915	62.50	549	37.50	20,118	1,074,410	29.03	9,198	3,109,430	84.02
2241- 2250	11	0.75	569	38.86	906	61.88	558	38.11	24,700	1,099,110	29.70	9,120	3,118,550	84.27
2251- 2260	10	0.68	579	39.54	895	61.13	569	38.86	22,549	1,121,659	30.31	8,999	3,127,549	84.51
2261- 2270	4	0.27	583	39.82	885	60.45	579	39.54	9,064	1,130,723	30.55	8,874	3,136,423	84.75
2271- 2280	9	0.61	592	40.43	881	60.17	583	39.82	20,473	1,151,196	31.10	8,853	3,145,276	84.99
2281- 2290	7	0.47	599	40.91	872	59.56	592	40.43	16,009	1,167,205	31.54	8,769	3,154,045	85.23
2291- 2300	13	0.88	612	41.80	865	59.08	599	40.91	29,825	1,197,030	32.34	8,705	3,162,750	85.46
2301- 2310	10	0.68	622	42.48	852	58.19	612	41.80	23,059	1,220,089	32.97	8,579	3,171,329	85.69
2311- 2320	14	0.95	636	43.44	842	57.51	622	42.48	32,406	1,252,495	33.84	8,486	3,179,815	85.92
2321- 2330	10	0.68	646	44.12	828	56.55	636	43.44	23,268	1,275,763	34.47	8,348	3,188,163	86.15
2331- 2340	9	0.61	655	44.74	818	55.87	646	44.12	21,021	1,296,784	35.04	8,231	3,196,394	86.37
2341- 2350	10	0.68	665	45.42	809	55.25	655	44.74	23,444	1,320,228	35.67	8,134	3,204,528	86.59
2351- 2360	10	0.68	675	46.10	799	54.57	665	45.42	23,554	1,343,782	36.31	8,044	3,212,572	86.81
2361- 2370	6	0.40	681	46.51	789	53.89	675	46.10	14,195	1,357,977	36.69	7,925	3,220,497	87.02
2371- 2380	8	0.54	689	47.06	783	53.48	681	46.51	18,996	1,376,973	37.20	7,866	3,228,363	87.23
2381- 2390	5	0.34	694	47.40	775	52.93	689	47.06	11,924	1,388,897	37.53	7,774	3,236,137	87.44
2391- 2400	5	0.34	699	47.74	770	52.59	694	47.40	11,979	1,400,876	37.85	7,729	3,243,866	87.65
2401- 2410	5	0.34	704	48.08	765	52.25	699	47.74	12,027	1,412,903	38.18	7,677	3,251,543	87.86
2411- 2420	6	0.40	710	48.49	760	51.91	704	48.08	14,497	1,427,400	38.57	7,637	3,259,180	88.07
2421- 2430	6	0.40	716	48.90	754	51.50	710	48.49	14,553	1,441,953	38.96	7,573	3,266,753	88.27
2431- 2440	5	0.34	721	49.24	748	51.09	716	48.90	12,178	1,454,131	39.29	7,508	3,274,261	88.47
2441- 2450	2	0.13	723	49.38	743	50.75	721	49.24	4,896	1,459,017	39.42	7,436	3,281,697	88.68
2451- 2460	4	0.27	727	49.65	741	50.61	723	49.38	9,818	1,468,835	39.69	7,428	3,289,125	88.88
2461- 2470	5	0.34	732	50.00	737	50.34	727	49.65	12,338	1,481,173	40.02	7,408	3,296,533	89.08
2471- 2480	6	0.40	738	50.40	732	50.00	732	50.00	14,861	1,496,034	40.42	7,361	3,303,894	89.28
2481- 2490	5	0.34	743	50.75	726	49.59	738	50.40	12,427	1,508,461	40.76	7,287	3,311,181	89.47
2491- 2500	7	0.47	750	51.22	721	49.24	743	50.75	17,471	1,525,932	41.23	7,251	3,318,432	89.67
2501- 2510	6	0.40	756	51.63	714	48.77	750	51.22	15,034	1,540,966	41.64	7,174	3,325,606	89.86
2511- 2520	6	0.40	762	52.04	708	48.36	756	51.63	15,090	1,556,056	42.04	7,110	3,332,716	90.05
2521- 2530	4	0.27	766	52.32	702	47.95	762	52.04	10,107	1,566,163	42.32	7,047	3,339,763	90.24

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2531- 2540	6	0.40	772	52.73	698	47.67	766	52.32	15,218	1,581,381	42.73	7,018	3,346,781	90.43
2541- 2550	2	0.13	774	52.86	692	47.26	772	52.73	5,093	1,586,474	42.87	6,933	3,353,714	90.62
2551- 2560	5	0.34	779	53.21	690	47.13	774	52.86	12,784	1,599,258	43.21	6,934	3,360,648	90.81
2561- 2570	8	0.54	787	53.75	685	46.78	779	53.21	20,513	1,619,771	43.77	6,883	3,367,531	90.99
2571- 2580	5	0.34	792	54.09	677	46.24	787	53.75	12,879	1,632,650	44.11	6,799	3,374,330	91.18
2581- 2590	5	0.34	797	54.43	672	45.90	792	54.09	12,934	1,645,584	44.46	6,754	3,381,084	91.36
2591- 2600	7	0.47	804	54.91	667	45.56	797	54.43	18,165	1,663,749	44.95	6,705	3,387,789	91.54
2601- 2610	5	0.34	809	55.25	660	45.08	804	54.91	13,026	1,676,775	45.31	6,626	3,394,415	91.72
2611- 2620	5	0.34	814	55.60	655	44.74	809	55.25	13,090	1,689,865	45.66	6,590	3,401,005	91.90
2621- 2630	4	0.27	818	55.87	650	44.39	814	55.60	10,508	1,700,373	45.94	6,528	3,407,533	92.08
2631- 2640	4	0.27	822	56.14	646	44.12	818	55.87	10,539	1,710,912	46.23	6,479	3,414,012	92.25
2641- 2650	5	0.34	827	56.48	642	43.85	822	56.14	13,231	1,724,143	46.59	6,451	3,420,463	92.43
2651- 2660	6	0.40	833	56.89	637	43.51	827	56.48	15,923	1,740,066	47.02	6,393	3,426,856	92.60
2661- 2670	4	0.27	837	57.17	631	43.10	833	56.89	10,652	1,750,718	47.30	6,322	3,433,178	92.77
2671- 2680	4	0.27	841	57.44	627	42.82	837	57.17	10,711	1,761,429	47.59	6,301	3,439,479	92.94
2691- 2700	2	0.13	843	57.58	623	42.55	841	57.44	5,392	1,766,821	47.74	6,242	3,451,951	93.28
2701- 2710	2	0.13	845	57.71	621	42.41	843	57.58	5,407	1,772,228	47.89	6,217	3,458,168	93.44
2711- 2720	3	0.20	848	57.92	619	42.28	845	57.71	8,143	1,780,371	48.11	6,203	3,464,371	93.61
2721- 2730	1	0.06	849	57.99	616	42.07	848	57.92	2,723	1,783,094	48.18	6,163	3,470,534	93.78
2741- 2750	2	0.13	851	58.12	615	42.00	849	57.99	5,491	1,788,585	48.33	6,161	3,482,845	94.11
2751- 2760	6	0.40	857	58.53	613	41.87	851	58.12	16,537	1,805,122	48.77	6,167	3,489,012	94.28
2771- 2780	3	0.20	860	58.74	607	41.46	857	58.53	8,321	1,813,443	49.00	6,081	3,501,163	94.61
2781- 2790	5	0.34	865	59.08	604	41.25	860	58.74	13,941	1,827,384	49.38	6,081	3,507,244	94.77
2791- 2800	4	0.27	869	59.35	599	40.91	865	59.08	11,182	1,838,566	49.68	6,012	3,513,256	94.93
2801- 2810	6	0.40	875	59.76	595	40.64	869	59.35	16,833	1,855,399	50.13	5,983	3,519,239	95.09
2811- 2820	6	0.40	881	60.17	589	40.23	875	59.76	16,886	1,872,285	50.59	5,916	3,525,155	95.25
2821- 2830	2	0.13	883	60.31	583	39.82	881	60.17	5,644	1,877,929	50.74	5,834	3,530,989	95.41
2831- 2840	3	0.20	886	60.51	581	39.68	883	60.31	8,501	1,886,430	50.97	5,821	3,536,810	95.57
2841- 2850	5	0.34	891	60.86	578	39.48	886	60.51	14,225	1,900,655	51.36	5,805	3,542,615	95.73
2851- 2860	5	0.34	896	61.20	573	39.13	891	60.86	14,278	1,914,933	51.74	5,758	3,548,373	95.88
2861- 2870	9	0.61	905	61.81	568	38.79	896	61.20	25,802	1,940,735	52.44	5,742	3,554,115	96.04
2871- 2880	10	0.68	915	62.50	559	38.18	905	61.81	28,743	1,969,478	53.22	5,633	3,559,748	96.19
2881- 2890	8	0.54	923	63.04	549	37.50	915	62.50	23,075	1,992,553	53.84	5,525	3,565,273	96.34
2891- 2900	8	0.54	931	63.59	541	36.95	923	63.04	23,163	2,015,716	54.47	5,453	3,570,726	96.49
2901- 2910	10	0.68	941	64.27	533	36.40	931	63.59	29,054	2,044,770	55.25	5,384	3,576,110	96.63
2911- 2920	8	0.54	949	64.82	523	35.72	941	64.27	23,329	2,068,099	55.88	5,279	3,581,389	96.77
2921- 2930	8	0.54	957	65.36	515	35.17	949	64.82	23,400	2,091,499	56.51	5,190	3,586,579	96.91
2931- 2940	2	0.13	959	65.50	507	34.63	957	65.36	5,876	2,097,375	56.67	5,086	3,591,665	97.05
2941- 2950	4	0.27	963	65.77	505	34.49	959	65.50	11,783	2,109,158	56.99	5,073	3,596,738	97.19
2951- 2960	6	0.40	969	66.18	501	34.22	963	65.77	17,730	2,126,888	57.47	5,040	3,601,778	97.32
2961- 2970	8	0.54	977	66.73	495	33.81	969	66.18	23,720	2,150,608	58.11	4,990	3,606,768	97.46
2971- 2980	5	0.34	982	67.07	487	33.26	977	66.73	14,880	2,165,488	58.51	4,900	3,611,668	97.59
2981- 2990	8	0.54	990	67.62	482	32.92	982	67.07	23,879	2,189,367	59.16	4,859	3,616,527	97.72
2991- 3000	11	0.75	1,001	68.37	474	32.37	990	67.62	32,942	2,222,309	60.05	4,792	3,621,319	97.85
3001- 3010	17	1.16	1,018	69.53	463	31.62	1,001	68.37	51,084	2,273,393	61.43	4,714	3,626,033	97.98
3011- 3020	12	0.81	1,030	70.35	446	30.46	1,018	69.53	36,176	2,309,569	62.41	4,516	3,630,549	98.10
3021- 3030	9	0.61	1,039	70.96	434	29.64	1,030	70.35	27,234	2,336,803	63.14	4,394	3,634,943	98.22
3031- 3040	12	0.81	1,051	71.78	425	29.03	1,039	70.96	36,432	2,373,235	64.13	4,322	3,639,265	98.34
3041- 3050	14	0.95	1,065	72.74	413	28.21	1,051	71.78	42,647	2,415,882	65.28	4,217	3,643,482	98.45
3051- 3060	16	1.09	1,081	73.83	399	27.25	1,065	72.74	48,897	2,464,779	66.60	4,087	3,647,569	98.56
3061- 3070	13	0.88	1,094	74.72	383	26.16	1,081	73.83	39,858	2,504,637	67.68	3,908	3,651,477	98.67
3071- 3080	15	1.02	1,109	75.75	370	25.27	1,094	74.72	46,120	2,550,757	68.92	3,770	3,655,247	98.77
3081- 3090	15	1.02	1,124	76.77	355	24.24	1,109	75.75	46,286	2,597,043	70.17	3,636	3,658,883	98.87
3091- 3100	10	0.68	1,134	77.45	340	23.22	1,124	76.77	30,951	2,627,994	71.01	3,451	3,662,334	98.96
3101- 3110	18	1.22	1,152	78.68	330	22.54	1,134	77.45	55,925	2,683,919	72.52	3,425	3,665,759	99.05

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 09-30-81
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3111- 3120	8	0.54	1,160	79.23	312	21.31	1,152	78.68	24,925	2,708,844	73.20	3,165	3,668,924	99.14
3121- 3130	12	0.81	1,172	80.05	304	20.76	1,160	79.23	37,494	2,746,338	74.21	3,094	3,672,018	99.22
3131- 3140	11	0.75	1,183	80.80	292	19.94	1,172	80.05	34,479	2,780,817	75.14	2,969	3,674,987	99.30
3141- 3150	20	1.36	1,203	82.17	281	19.19	1,183	80.80	62,904	2,843,721	76.84	2,914	3,677,901	99.38
3151- 3160	14	0.95	1,217	83.12	261	17.82	1,203	82.17	44,158	2,887,879	78.03	2,668	3,680,569	99.45
3161- 3170	9	0.61	1,226	83.74	247	16.87	1,217	83.12	28,482	2,916,361	78.80	2,512	3,683,081	99.52
3171- 3180	18	1.22	1,244	84.97	238	16.25	1,226	83.74	57,176	2,973,537	80.35	2,496	3,685,577	99.59
3181- 3190	10	0.68	1,254	85.65	220	15.02	1,244	84.97	31,864	3,005,401	81.21	2,264	3,687,841	99.65
3191- 3200	11	0.75	1,265	86.40	210	14.34	1,254	85.65	35,143	3,040,544	82.16	2,153	3,689,994	99.71
3201- 3210	16	1.09	1,281	87.50	199	13.59	1,265	86.40	51,291	3,091,835	83.54	2,081	3,692,075	99.76
3211- 3220	14	0.95	1,295	88.45	183	12.50	1,281	87.50	45,012	3,136,847	84.76	1,902	3,693,977	99.82
3221- 3230	15	1.02	1,310	89.48	169	11.54	1,295	88.45	48,371	3,185,218	86.07	1,761	3,695,738	99.86
3231- 3240	8	0.54	1,318	90.02	154	10.51	1,310	89.48	25,864	3,211,082	86.77	1,564	3,697,302	99.91
3241- 3250	10	0.68	1,328	90.71	146	9.97	1,318	90.02	32,446	3,243,528	87.64	1,506	3,698,808	99.95
3251- 3260	15	1.02	1,343	91.73	136	9.28	1,328	90.71	48,838	3,292,366	88.96	1,448	3,700,256	99.99
3261- 3270	8	0.54	1,351	92.28	121	8.26	1,343	91.73	26,120	3,318,486	89.67	1,250	3,701,506	100.02
3271- 3280	5	0.34	1,356	92.62	113	7.71	1,351	92.28	16,382	3,334,868	90.11	1,162	3,702,668	100.05
3281- 3290	15	1.02	1,371	93.64	108	7.37	1,356	92.62	49,278	3,384,146	91.44	1,158	3,703,826	100.08
3291- 3300	8	0.54	1,379	94.19	93	6.35	1,371	93.64	26,369	3,410,515	92.16	979	3,704,805	100.11
3301- 3310	7	0.47	1,386	94.67	85	5.80	1,379	94.19	23,139	3,433,654	92.78	889	3,705,694	100.13
3311- 3320	7	0.47	1,393	95.15	78	5.32	1,386	94.67	23,204	3,456,858	93.41	814	3,706,508	100.15
3321- 3330	1	0.06	1,394	95.21	71	4.84	1,393	95.15	3,329	3,460,187	93.50	719	3,707,227	100.17
3331- 3340	6	0.40	1,400	95.62	70	4.78	1,394	95.21	20,019	3,480,206	94.04	739	3,707,966	100.19
3341- 3350	4	0.27	1,404	95.90	64	4.37	1,400	95.62	13,380	3,493,586	94.40	660	3,708,626	100.21
3351- 3360	3	0.20	1,407	96.10	60	4.09	1,404	95.90	10,071	3,503,657	94.67	621	3,709,247	100.23
3361- 3370	6	0.40	1,413	96.51	57	3.89	1,407	96.10	20,201	3,523,858	95.22	611	3,709,858	100.25
3371- 3380	5	0.34	1,418	96.85	51	3.48	1,413	96.51	16,882	3,540,740	95.68	542	3,710,400	100.26
3381- 3390	3	0.20	1,421	97.06	46	3.14	1,418	96.85	10,153	3,550,893	95.95	473	3,710,873	100.27
3391- 3400	1	0.06	1,422	97.13	43	2.93	1,421	97.06	3,398	3,554,291	96.04	438	3,711,311	100.28
3401- 3410	6	0.40	1,428	97.54	42	2.86	1,422	97.13	20,439	3,574,730	96.59	459	3,711,770	100.30
3411- 3420	1	0.06	1,429	97.60	36	2.45	1,428	97.54	3,414	3,578,144	96.69	364	3,712,134	100.31
3421- 3430	4	0.27	1,433	97.88	35	2.39	1,429	97.60	13,689	3,591,833	97.06	359	3,712,493	100.32
3431- 3440	1	0.06	1,434	97.95	31	2.11	1,433	97.88	3,437	3,595,270	97.15	317	3,712,810	100.33
3441- 3450	4	0.27	1,438	98.22	30	2.04	1,434	97.95	13,780	3,609,050	97.52	320	3,713,130	100.33
3451- 3460	2	0.13	1,440	98.36	26	1.77	1,438	98.22	6,914	3,615,964	97.71	274	3,713,404	100.34
3461- 3470	2	0.13	1,442	98.49	24	1.63	1,440	98.36	6,928	3,622,892	97.90	248	3,713,652	100.35
3471- 3480	4	0.27	1,446	98.77	22	1.50	1,442	98.49	13,913	3,636,805	98.27	253	3,713,905	100.35
3481- 3490	2	0.13	1,448	98.90	18	1.22	1,446	98.77	6,972	3,643,777	98.46	192	3,714,097	100.36
3491- 3500	2	0.13	1,450	99.04	16	1.09	1,448	98.90	6,991	3,650,768	98.65	171	3,714,268	100.36
3501- 3510	2	0.13	1,452	99.18	14	0.95	1,450	99.04	7,010	3,657,778	98.84	150	3,714,418	100.37
3511- 3520	2	0.13	1,454	99.31	12	0.81	1,452	99.18	7,036	3,664,814	99.03	136	3,714,554	100.37
3521- 3530	3	0.20	1,457	99.52	10	0.68	1,454	99.31	10,581	3,675,395	99.31	121	3,714,675	100.38
3551- 3560	1	0.06	1,458	99.59	7	0.47	1,457	99.52	3,560	3,678,955	99.41	80	3,714,895	100.38
3561- 3570	1	0.06	1,459	99.65	6	0.40	1,458	99.59	3,561	3,682,516	99.51	61	3,714,956	100.38
3581- 3590	1	0.06	1,460	99.72	5	0.34	1,459	99.65	3,583	3,686,099	99.60	53	3,715,059	100.39
3591- 3600	1	0.06	1,461	99.79	4	0.27	1,460	99.72	3,598	3,689,697	99.70	48	3,715,107	100.39
3601- 3610	1	0.06	1,462	99.86	3	0.20	1,461	99.79	3,601	3,693,298	99.80	31	3,715,138	100.39
3631- 3640	1	0.06	1,463	99.93	2	0.13	1,462	99.86	3,633	3,696,931	99.90	23	3,715,201	100.39
3651- 3660	1	0.06	1,464	100.00	1	0.06	1,463	99.93	3,660	3,700,591	100.00	20	3,715,231	100.39

TOTAL NUMBER OF HOURS IN STUDY IS 1,464

TOTAL MWH IN STUDY IS 3,700,591

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 07-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1291- 1300	1	0.06	1	0.06	1,440	100.00	0	0.00	1,300	1,300	0.03	14,410	1,872,010	51.31
1311- 1320	3	0.20	4	0.27	1,439	99.93	1	0.06	3,945	5,245	0.14	14,405	1,900,805	52.10
1321- 1330	1	0.06	5	0.34	1,436	99.72	4	0.27	1,329	6,574	0.18	14,369	1,915,174	52.49
1331- 1340	1	0.06	6	0.41	1,435	99.65	5	0.34	1,333	7,907	0.21	14,353	1,929,527	52.88
1341- 1350	2	0.13	8	0.55	1,434	99.58	6	0.41	2,686	10,593	0.29	14,346	1,943,873	53.28
1351- 1360	1	0.06	9	0.62	1,432	99.44	8	0.55	1,355	11,948	0.32	14,325	1,958,198	53.67
1391- 1400	2	0.13	11	0.76	1,431	99.37	9	0.62	2,784	14,732	0.40	14,314	2,015,442	55.24
1431- 1440	1	0.06	12	0.83	1,429	99.23	11	0.76	2,878	19,037	0.52	15,738	2,075,477	56.88
1441- 1450	1	0.06	13	0.90	1,428	99.16	12	0.83	1,444	20,481	0.56	14,284	2,089,761	57.28
1451- 1460	2	0.13	15	1.04	1,427	99.09	13	0.90	7,280	27,761	0.76	18,650	2,108,411	57.79
1471- 1480	1	0.06	16	1.11	1,425	98.95	15	1.04	2,958	32,186	0.88	15,738	2,139,866	58.65
1481- 1490	2	0.13	18	1.24	1,424	98.88	16	1.11	4,460	36,646	1.00	15,740	2,155,606	59.08
1491- 1500	2	0.13	20	1.38	1,422	98.74	18	1.24	5,977	42,623	1.16	17,217	2,172,823	59.55
1501- 1510	4	0.27	24	1.66	1,420	98.61	20	1.38	9,039	51,662	1.41	17,239	2,190,062	60.02
1511- 1520	1	0.06	25	1.73	1,416	98.33	24	1.66	9,090	60,752	1.66	21,740	2,211,802	60.62
1521- 1530	5	0.34	30	2.08	1,415	98.26	25	1.73	12,204	72,956	1.99	18,754	2,230,556	61.13
1531- 1540	1	0.06	31	2.15	1,410	97.91	30	2.08	6,133	79,089	2.16	18,703	2,249,259	61.65
1551- 1560	5	0.34	36	2.49	1,409	97.84	31	2.15	9,327	93,057	2.55	15,667	2,283,657	62.59
1561- 1570	4	0.27	40	2.77	1,404	97.49	36	2.49	9,399	102,456	2.80	17,199	2,300,856	63.06
1571- 1580	2	0.13	42	2.91	1,400	97.22	40	2.77	7,878	110,334	3.02	18,738	2,319,594	63.58
1581- 1590	3	0.20	45	3.12	1,398	97.08	42	2.91	15,868	126,202	3.45	25,108	2,344,702	64.26
1591- 1600	1	0.06	46	3.19	1,395	96.87	45	3.12	4,786	130,988	3.59	17,146	2,361,848	64.73
1601- 1610	3	0.20	49	3.40	1,394	96.80	46	3.19	9,639	140,627	3.85	18,779	2,380,627	65.25
1611- 1620	2	0.13	51	3.54	1,391	96.59	49	3.40	8,074	148,701	4.07	18,764	2,399,391	65.76
1621- 1630	5	0.34	56	3.88	1,389	96.45	51	3.54	9,747	158,448	4.34	15,537	2,414,928	66.19
1631- 1640	2	0.13	58	4.02	1,384	96.11	56	3.88	9,811	168,259	4.61	20,391	2,435,319	66.75
1641- 1650	4	0.27	62	4.30	1,382	95.97	58	4.02	6,584	174,843	4.79	13,844	2,449,163	67.13
1651- 1660	5	0.34	67	4.65	1,378	95.69	62	4.30	14,884	189,727	5.20	20,414	2,469,577	67.69
1661- 1670	2	0.13	69	4.79	1,373	95.34	67	4.65	13,319	203,046	5.56	23,729	2,493,306	68.34
1671- 1680	5	0.34	74	5.13	1,371	95.20	69	4.79	16,751	219,797	6.02	22,111	2,515,417	68.94
1681- 1690	4	0.27	78	5.41	1,366	94.86	74	5.13	18,536	238,333	6.53	25,476	2,540,893	69.64
1691- 1700	9	0.62	87	6.04	1,362	94.58	78	5.41	27,115	265,448	7.27	25,525	2,566,418	70.34
1701- 1710	4	0.27	91	6.31	1,353	93.95	87	6.04	17,065	282,513	7.74	23,795	2,590,213	70.99
1711- 1720	6	0.41	97	6.73	1,349	93.68	91	6.31	18,866	301,379	8.26	22,096	2,612,309	71.60
1721- 1730	7	0.48	104	7.22	1,343	93.28	97	6.73	18,975	320,354	8.78	20,365	2,632,674	72.16
1731- 1740	10	0.69	114	7.91	1,336	92.77	104	7.22	22,561	342,915	9.39	18,621	2,651,295	72.67
1741- 1750	3	0.20	117	8.12	1,326	92.08	114	7.91	15,696	358,611	9.82	23,736	2,675,031	73.32
1751- 1760	9	0.62	126	8.74	1,323	91.87	117	8.12	28,077	386,688	10.59	25,557	2,700,588	74.02
1761- 1770	8	0.55	134	9.30	1,314	91.24	126	8.74	26,507	413,195	11.32	25,567	2,726,155	74.72
1771- 1780	5	0.34	139	9.65	1,306	90.69	134	9.30	17,777	430,972	11.81	21,987	2,748,142	75.32
1781- 1790	7	0.48	146	10.13	1,301	90.34	139	9.65	26,793	457,765	12.54	27,343	2,775,485	76.07
1791- 1800	9	0.62	155	10.76	1,294	89.86	146	10.13	21,542	479,307	13.13	18,372	2,793,857	76.58
1801- 1810	8	0.55	163	11.31	1,285	89.23	155	10.76	27,096	506,403	13.88	25,546	2,819,403	77.28
1811- 1820	8	0.55	171	11.87	1,277	88.68	163	11.31	32,673	539,076	14.77	30,963	2,850,366	78.12
1821- 1830	11	0.76	182	12.63	1,269	88.12	171	11.87	32,861	571,937	15.67	25,531	2,875,897	78.82
1831- 1840	7	0.48	189	13.12	1,258	87.36	182	12.63	20,212	592,149	16.23	19,982	2,895,879	79.37
1841- 1850	11	0.76	200	13.88	1,251	86.87	189	13.12	35,095	627,244	17.19	27,365	2,923,244	80.12
1851- 1860	8	0.55	208	14.44	1,240	86.11	200	13.88	33,417	660,661	18.10	31,017	2,954,261	80.97
1861- 1870	15	1.04	223	15.48	1,232	85.55	208	14.44	52,244	712,905	19.54	36,664	2,990,925	81.98
1871- 1880	7	0.48	230	15.97	1,217	84.51	223	15.48	33,765	746,670	20.46	32,845	3,023,770	82.88
1881- 1890	8	0.55	238	16.52	1,210	84.02	230	15.97	39,605	786,275	21.55	36,665	3,060,435	83.88
1891- 1900	11	0.76	249	17.29	1,202	83.47	238	16.52	41,697	827,972	22.69	32,927	3,093,362	84.78
1901- 1910	13	0.90	262	18.19	1,191	82.70	249	17.29	60,994	888,966	24.36	48,204	3,141,566	86.11
1911- 1920	12	0.83	274	19.02	1,178	81.80	262	18.19	44,060	933,026	25.57	32,920	3,174,486	87.01

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 07-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1921- 1930	10	0.69	284	19.72	1,166	80.97	274	19.02	36,577	969,603	26.57	29,037	3,203,523	87.80
1931- 1940	8	0.55	292	20.27	1,156	80.27	284	19.72	34,820	1,004,423	27.53	30,940	3,234,463	88.65
1941- 1950	11	0.76	303	21.04	1,148	79.72	292	20.27	46,696	1,051,119	28.81	36,836	3,271,299	89.66
1951- 1960	14	0.97	317	22.01	1,137	78.95	303	21.04	52,794	1,103,913	30.25	36,864	3,308,163	90.67
1961- 1970	8	0.55	325	22.56	1,123	77.98	317	22.01	33,417	1,137,330	31.17	28,967	3,337,130	91.47
1971- 1980	7	0.48	332	23.05	1,115	77.43	325	22.56	29,635	1,166,965	31.98	26,995	3,364,125	92.21
1981- 1990	10	0.69	342	23.74	1,108	76.94	332	23.05	45,654	1,212,619	33.23	36,934	3,401,059	93.22
1991- 2000	12	0.83	354	24.58	1,098	76.24	342	23.74	45,908	1,258,527	34.49	33,008	3,434,067	94.12
2001- 2010	8	0.55	362	25.13	1,086	75.41	354	24.58	40,093	1,298,620	35.59	34,953	3,469,020	95.08
2011- 2020	10	0.69	372	25.83	1,078	74.86	362	25.13	40,288	1,338,908	36.69	30,968	3,499,988	95.93
2021- 2030	10	0.69	382	26.52	1,068	74.16	372	25.83	42,539	1,381,447	37.86	33,019	3,533,007	96.84
2031- 2040	2	0.13	384	26.66	1,058	73.47	382	26.52	14,232	1,395,679	38.25	20,752	3,553,759	97.40
2041- 2050	9	0.62	393	27.29	1,056	73.33	384	26.66	45,006	1,440,685	39.48	37,206	3,590,965	98.42
2051- 2060	4	0.27	397	27.56	1,047	72.70	393	27.29	34,936	1,475,621	40.44	37,206	3,628,171	99.44
2061- 2070	8	0.55	405	28.12	1,043	72.43	397	27.56	28,936	1,504,557	41.24	22,886	3,651,057	100.07
2071- 2080	7	0.48	412	28.61	1,035	71.87	405	28.12	33,202	1,537,759	42.15	29,062	3,680,119	100.87
2081- 2090	8	0.55	420	29.16	1,028	71.38	412	28.61	37,538	1,575,297	43.17	31,178	3,711,297	101.72
2091- 2100	8	0.55	428	29.72	1,020	70.83	420	29.16	37,720	1,613,017	44.21	31,200	3,742,497	102.58
2101- 2110	12	0.83	440	30.55	1,012	70.27	428	29.72	44,201	1,657,218	45.42	29,121	3,771,618	103.38
2111- 2120	3	0.20	443	30.76	1,000	69.44	440	30.55	23,268	1,680,486	46.06	26,938	3,798,556	104.11
2121- 2130	7	0.48	450	31.25	997	69.23	443	30.76	38,257	1,718,743	47.11	33,387	3,831,943	105.03
2131- 2140	5	0.34	455	31.59	990	68.75	450	31.25	32,045	1,750,788	47.98	31,295	3,863,238	105.89
2141- 2150	5	0.34	460	31.94	985	68.40	455	31.59	25,751	1,776,539	48.69	24,901	3,888,139	106.57
2151- 2160	6	0.41	466	32.36	980	68.05	460	31.94	23,705	1,800,244	49.34	20,605	3,908,744	107.13
2161- 2170	7	0.48	473	32.84	974	67.63	466	32.36	30,318	1,830,562	50.17	24,938	3,933,682	107.82
2171- 2180	5	0.34	478	33.19	967	67.15	473	32.84	34,617	1,865,379	51.13	33,637	3,967,319	108.74
2181- 2190	7	0.48	485	33.68	962	66.80	478	33.19	28,406	1,893,785	51.90	22,766	3,990,085	109.36
2191- 2200	8	0.55	493	34.23	955	66.31	485	33.68	35,112	1,928,897	52.87	27,142	4,017,227	110.11
2201- 2210	7	0.48	500	34.72	947	65.76	493	34.23	30,866	1,959,763	53.71	24,936	4,042,163	110.79
2211- 2220	9	0.62	509	35.34	940	65.27	500	34.72	37,681	1,997,444	54.75	27,191	4,069,354	111.54
2221- 2230	7	0.48	516	35.83	931	64.65	509	35.34	33,389	2,030,833	55.66	27,159	4,096,513	112.28
2231- 2240	7	0.48	523	36.31	924	64.16	516	35.83	35,766	2,066,599	56.64	29,396	4,125,909	113.09
2241- 2250	13	0.90	536	37.22	917	63.68	523	36.31	53,908	2,120,507	58.12	33,958	4,159,867	114.02
2251- 2260	5	0.34	541	37.56	904	62.77	536	37.22	33,825	2,154,332	59.05	31,615	4,191,482	114.88
2261- 2270	11	0.76	552	38.33	899	62.43	541	37.56	33,982	2,188,314	59.98	18,112	4,209,594	115.38
2271- 2280	10	0.69	562	39.02	888	61.66	552	38.33	43,231	2,231,545	61.16	29,411	4,239,005	116.19
2281- 2290	8	0.55	570	39.58	878	60.97	562	39.02	34,293	2,265,838	62.10	24,833	4,263,838	116.87
2291- 2300	6	0.41	576	39.99	870	60.41	570	39.58	43,607	2,309,445	63.30	38,567	4,302,405	117.92
2301- 2310	8	0.55	584	40.55	864	59.99	576	39.99	41,518	2,350,963	64.44	31,758	4,334,163	118.80
2311- 2320	4	0.27	588	40.83	856	59.44	584	40.55	41,672	2,392,635	65.58	40,992	4,375,155	119.92
2321- 2330	6	0.41	594	41.24	852	59.16	588	40.83	37,220	2,429,855	66.60	31,820	4,406,975	120.79
2331- 2340	9	0.62	603	41.87	846	58.74	594	41.24	42,035	2,471,890	67.75	29,525	4,436,500	121.60
2341- 2350	12	0.83	615	42.70	837	58.12	603	41.87	51,596	2,523,486	69.16	31,886	4,468,386	122.47
2351- 2360	4	0.27	619	42.98	825	57.29	615	42.70	32,968	2,556,454	70.07	31,818	4,500,204	123.35
2361- 2370	3	0.20	622	43.19	821	57.01	619	42.98	21,287	2,577,741	70.65	22,417	4,522,621	123.96
2371- 2380	4	0.27	626	43.47	818	56.80	622	43.19	28,500	2,606,241	71.43	27,200	4,549,821	124.71
2381- 2390	4	0.27	630	43.75	814	56.52	626	43.47	21,462	2,627,703	72.02	20,082	4,569,903	125.26
2391- 2400	5	0.34	635	44.09	810	56.25	630	43.75	23,958	2,651,661	72.68	20,108	4,590,011	125.81
2401- 2410	8	0.55	643	44.65	805	55.90	635	44.09	31,267	2,682,928	73.53	20,117	4,610,128	126.36
2411- 2420	5	0.34	648	44.99	797	55.34	643	44.65	26,579	2,709,507	74.26	22,499	4,632,627	126.98
2421- 2430	5	0.34	653	45.34	792	54.99	648	44.99	26,679	2,736,186	74.99	22,499	4,655,126	127.59
2431- 2440	9	0.62	662	45.97	787	54.65	653	45.34	34,085	2,770,271	75.93	20,085	4,675,211	128.14
2441- 2450	5	0.34	667	46.31	778	54.02	662	45.97	17,108	2,787,379	76.40	12,688	4,687,899	128.49
2451- 2460	2	0.13	669	46.45	773	53.68	667	46.31	14,727	2,802,106	76.80	17,557	4,705,456	128.97
2461- 2470	8	0.55	677	47.01	771	53.54	669	46.45	32,052	2,834,158	77.68	20,082	4,725,538	129.52

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 07-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2471- 2480	8	0.55	685	47.56	763	52.98	677	47.01	34,673	2,868,831	78.63	22,543	4,748,081	130.14
2481- 2490	8	0.55	693	48.12	755	52.43	685	47.56	32,304	2,901,135	79.52	20,014	4,768,095	130.69
2491- 2500	7	0.48	700	48.61	747	51.87	693	48.12	34,940	2,936,075	80.47	24,980	4,793,075	131.37
2501- 2510	4	0.27	704	48.88	740	51.38	700	48.61	25,060	2,961,135	81.16	22,460	4,815,535	131.99
2511- 2520	3	0.20	707	49.09	736	51.11	704	48.88	22,635	2,983,770	81.78	22,465	4,838,000	132.61
2521- 2530	5	0.34	712	49.44	733	50.90	707	49.09	22,740	3,006,510	82.40	17,470	4,855,470	133.08
2531- 2540	5	0.34	717	49.79	728	50.55	712	49.44	27,895	3,034,405	83.17	22,525	4,877,995	133.70
2541- 2550	5	0.34	722	50.13	723	50.20	717	49.79	17,815	3,052,220	83.66	12,345	4,890,340	134.04
2551- 2560	4	0.27	726	50.41	718	49.86	722	50.13	23,007	3,075,227	84.29	19,987	4,910,327	134.59
2561- 2570	8	0.55	734	50.97	714	49.58	726	50.41	41,035	3,116,262	85.41	27,695	4,938,022	135.35
2571- 2580	3	0.20	737	51.18	706	49.02	734	50.97	20,608	3,136,870	85.98	19,958	4,957,980	135.89
2581- 2590	7	0.48	744	51.66	703	48.81	737	51.18	31,020	3,167,890	86.83	19,990	4,977,970	136.44
2591- 2600	8	0.55	752	52.22	696	48.33	744	51.66	38,939	3,206,829	87.89	25,179	5,003,149	137.13
2601- 2610	8	0.55	760	52.77	688	47.77	752	52.22	33,874	3,240,703	88.82	19,954	5,023,103	137.68
2611- 2620	3	0.20	763	52.98	680	47.22	760	52.77	20,927	3,261,630	89.40	19,897	5,043,000	138.22
2621- 2630	5	0.34	768	53.33	677	47.01	763	52.98	23,633	3,285,263	90.04	17,303	5,060,303	138.70
2631- 2640	5	0.34	773	53.68	672	46.66	768	53.33	23,721	3,308,984	90.69	17,291	5,077,594	139.17
2641- 2650	5	0.34	778	54.02	667	46.31	773	53.68	26,455	3,335,439	91.42	19,925	5,097,519	139.72
2651- 2660	9	0.62	787	54.65	662	45.97	778	54.02	39,814	3,375,253	92.51	22,584	5,120,103	140.34
2661- 2670	8	0.55	795	55.20	653	45.34	787	54.65	31,988	3,407,241	93.39	17,238	5,137,341	140.81
2671- 2680	6	0.41	801	55.62	645	44.79	795	55.20	26,764	3,434,005	94.12	17,194	5,154,535	141.28
2681- 2690	11	0.76	812	56.38	639	44.37	801	55.62	29,541	3,463,546	94.93	6,451	5,160,986	141.46
2691- 2700	2	0.13	814	56.52	628	43.61	812	56.38	10,782	3,474,328	95.23	11,682	5,172,668	141.78
2701- 2710	5	0.34	819	56.87	626	43.47	814	56.52	18,934	3,493,262	95.75	11,694	5,184,362	142.10
2711- 2720	6	0.41	825	57.29	621	43.12	819	56.87	24,427	3,517,689	96.42	14,377	5,198,739	142.49
2721- 2730	4	0.27	829	57.56	615	42.70	825	57.29	13,621	3,531,310	96.79	8,891	5,207,630	142.74
2731- 2740	2	0.13	831	57.70	611	42.43	829	57.56	5,467	3,536,777	96.94	6,117	5,213,747	142.90
2741- 2750	4	0.27	835	57.98	609	42.29	831	57.70	16,468	3,553,245	97.39	11,598	5,225,345	143.22
2751- 2760	8	0.55	843	58.54	605	42.01	835	57.98	38,593	3,591,838	98.45	22,643	5,247,988	143.84
2761- 2770	7	0.48	850	59.02	597	41.45	843	58.54	19,360	3,611,198	98.98	6,010	5,253,998	144.01
2771- 2780	3	0.20	853	59.23	590	40.97	850	59.02	16,649	3,627,847	99.43	14,239	5,268,237	144.40
2781- 2790	14	0.97	867	60.20	587	40.76	853	59.23	52,954	3,680,801	100.89	19,904	5,288,141	144.94
2791- 2800	12	0.83	879	61.04	573	39.79	867	60.20	44,739	3,725,540	102.11	16,989	5,305,130	145.41
2801- 2810	6	0.41	885	61.45	561	38.95	879	61.04	33,677	3,759,217	103.04	22,487	5,327,617	146.03
2811- 2820	12	0.83	897	62.29	555	38.54	885	61.45	50,671	3,809,888	104.42	22,501	5,350,118	146.64
2821- 2830	12	0.83	909	63.12	543	37.70	897	62.29	39,549	3,849,437	105.51	11,139	5,361,257	146.95
2831- 2840	12	0.83	921	63.95	531	36.87	909	63.12	42,552	3,891,989	106.68	13,902	5,375,159	147.33
2841- 2850	9	0.62	930	64.58	519	36.04	921	63.95	39,853	3,931,842	107.77	19,483	5,394,642	147.86
2851- 2860	8	0.55	938	65.13	510	35.41	930	64.58	37,143	3,968,985	108.79	19,443	5,414,085	148.40
2861- 2870	7	0.48	945	65.62	502	34.86	938	65.13	45,867	4,014,852	110.04	30,867	5,444,952	149.24
2871- 2880	6	0.41	951	66.04	495	34.37	945	65.62	46,003	4,060,855	111.30	33,733	5,478,685	150.17
2881- 2890	8	0.55	959	66.59	489	33.95	951	66.04	46,156	4,107,011	112.57	28,006	5,506,691	150.93
2891- 2900	5	0.34	964	66.94	481	33.40	959	66.59	37,639	4,144,650	113.60	27,999	5,534,690	151.70
2901- 2910	4	0.27	968	67.22	476	33.05	964	66.94	40,675	4,185,325	114.72	33,835	5,568,525	152.63
2911- 2920	7	0.48	975	67.70	472	32.77	968	67.22	43,730	4,229,055	115.91	28,080	5,596,605	153.40
2921- 2930	5	0.34	980	68.05	465	32.29	975	67.70	38,019	4,267,074	116.96	28,069	5,624,674	154.17
2931- 2940	11	0.76	991	68.81	460	31.94	980	68.05	38,182	4,305,256	118.00	10,552	5,635,226	154.46
2941- 2950	6	0.41	997	69.23	449	31.18	991	68.81	29,458	4,334,714	118.81	16,308	5,651,534	154.90
2951- 2960	15	1.04	1,012	70.27	443	30.76	997	69.23	62,074	4,396,788	120.51	22,254	5,673,788	155.51
2961- 2970	7	0.48	1,019	70.76	428	29.72	1,012	70.27	44,475	4,441,263	121.73	28,035	5,701,823	156.28
2971- 2980	14	0.97	1,033	71.73	421	29.23	1,019	70.76	56,556	4,497,819	123.28	19,186	5,721,009	156.81
2981- 2990	7	0.48	1,040	72.22	407	28.26	1,033	71.73	44,789	4,542,608	124.51	27,999	5,749,008	157.58
2991- 3000	10	0.69	1,050	72.91	400	27.77	1,040	72.22	62,903	4,605,511	126.23	37,003	5,786,011	158.59
3001- 3010	8	0.55	1,058	73.47	390	27.08	1,050	72.91	75,129	4,680,640	128.29	55,029	5,841,040	160.10
3011- 3020	11	0.76	1,069	74.23	382	26.52	1,058	73.47	69,344	4,749,984	130.19	40,054	5,881,094	161.20

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 07-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3021- 3030	6	0.41	1,075	74.65	371	25.76	1,069	74.23	45,373	4,795,357	131.44	30,963	5,912,057	162.05
3031- 3040	10	0.69	1,085	75.34	365	25.34	1,075	74.65	66,800	4,862,157	133.27	40,150	5,952,207	163.15
3041- 3050	4	0.27	1,089	75.62	355	24.65	1,085	75.34	54,818	4,916,975	134.77	46,208	5,998,415	164.41
3051- 3060	12	0.83	1,101	76.45	351	24.37	1,089	75.62	85,564	5,002,539	137.12	52,474	6,050,889	165.85
3061- 3070	10	0.69	1,111	77.15	339	23.54	1,101	76.45	70,506	5,073,045	139.05	43,296	6,094,185	167.04
3071- 3080	7	0.48	1,118	77.63	329	22.84	1,111	77.15	67,648	5,140,693	140.90	49,448	6,143,633	168.39
3081- 3090	17	1.18	1,135	78.81	322	22.36	1,118	77.63	98,748	5,239,441	143.61	49,608	6,193,241	169.75
3091- 3100	14	0.97	1,149	79.79	305	21.18	1,135	78.81	74,270	5,313,711	145.64	34,060	6,227,301	170.69
3101- 3110	14	0.97	1,163	80.76	291	20.20	1,149	79.79	99,400	5,413,111	148.37	58,910	6,286,211	172.30
3111- 3120	8	0.55	1,171	81.31	277	19.23	1,163	80.76	49,847	5,462,958	149.74	27,737	6,313,948	173.06
3121- 3130	13	0.90	1,184	82.22	269	18.68	1,171	81.31	78,130	5,541,088	151.88	40,260	6,354,208	174.16
3131- 3140	9	0.62	1,193	82.84	256	17.77	1,184	82.22	62,697	5,603,785	153.60	37,087	6,391,295	175.18
3141- 3150	12	0.83	1,205	83.68	247	17.15	1,193	82.84	100,647	5,704,432	156.35	65,437	6,456,732	176.98
3151- 3160	5	0.34	1,210	84.02	235	16.31	1,205	83.68	59,937	5,764,369	158.00	46,537	6,503,269	178.25
3161- 3170	17	1.18	1,227	85.20	230	15.97	1,210	84.02	82,301	5,846,670	160.25	30,881	6,534,150	179.10
3171- 3180	6	0.41	1,233	85.62	213	14.79	1,227	85.20	76,223	5,922,893	162.34	59,333	6,593,483	180.72
3181- 3190	8	0.55	1,241	86.18	207	14.37	1,233	85.62	57,341	5,980,234	163.91	33,971	6,627,454	181.65
3191- 3200	11	0.76	1,252	86.94	199	13.81	1,241	86.18	70,312	6,050,546	165.84	37,212	6,664,666	182.67
3201- 3210	10	0.69	1,262	87.63	188	13.05	1,252	86.94	83,358	6,133,904	168.13	53,238	6,717,904	184.13
3211- 3220	8	0.55	1,270	88.19	178	12.36	1,262	87.63	70,723	6,204,627	170.06	46,823	6,764,727	185.42
3221- 3230	11	0.76	1,281	88.95	170	11.80	1,270	88.19	83,850	6,288,477	172.36	50,130	6,814,857	186.79
3231- 3240	10	0.69	1,291	89.65	159	11.04	1,281	88.95	58,220	6,346,697	173.96	27,510	6,842,367	187.55
3241- 3250	4	0.27	1,295	89.93	149	10.34	1,291	89.65	45,427	6,392,124	175.20	33,957	6,876,324	188.48
3251- 3260	8	0.55	1,303	90.48	145	10.06	1,295	89.93	74,879	6,467,003	177.26	50,329	6,926,653	189.86
3261- 3270	6	0.41	1,309	90.90	137	9.51	1,303	90.48	45,716	6,512,719	178.51	27,526	6,954,179	190.61
3271- 3280	4	0.27	1,313	91.18	131	9.09	1,309	90.90	29,492	6,542,211	179.32	17,722	6,971,901	191.10
3281- 3290	9	0.62	1,322	91.80	127	8.81	1,313	91.18	78,860	6,621,071	181.48	50,610	7,022,511	192.48
3291- 3300	1	0.06	1,323	91.87	118	8.19	1,322	91.80	29,668	6,650,739	182.29	27,558	7,050,069	193.24
3301- 3310	6	0.41	1,329	92.29	117	8.12	1,323	91.87	42,992	6,693,731	183.47	24,362	7,074,431	193.91
3311- 3320	3	0.20	1,332	92.49	111	7.70	1,329	92.29	33,163	6,726,894	184.38	24,343	7,098,774	194.57
3321- 3330	3	0.20	1,335	92.70	108	7.49	1,332	92.49	13,309	6,740,203	184.75	4,429	7,103,203	194.69
3331- 3340	2	0.13	1,337	92.84	105	7.29	1,335	92.70	26,691	6,766,894	185.48	21,081	7,124,284	195.27
3341- 3350	4	0.27	1,341	93.12	103	7.15	1,337	92.84	26,765	6,793,659	186.21	14,435	7,138,719	195.67
3351- 3360	4	0.27	1,345	93.40	99	6.87	1,341	93.12	23,494	6,817,153	186.85	11,084	7,149,803	195.97
3361- 3370	3	0.20	1,348	93.61	95	6.59	1,345	93.40	30,295	6,847,448	187.68	21,165	7,170,968	196.55
3371- 3380	8	0.55	1,356	94.16	92	6.38	1,348	93.61	43,881	6,891,329	188.89	17,841	7,188,809	197.04
3381- 3390	1	0.06	1,357	94.23	84	5.83	1,356	94.16	13,537	6,904,866	189.26	10,997	7,199,806	197.34
3391- 3400	2	0.13	1,359	94.37	83	5.76	1,357	94.23	10,183	6,915,049	189.54	4,233	7,204,039	197.46
3401- 3410	1	0.06	1,360	94.44	81	5.62	1,359	94.37	23,841	6,938,890	190.19	21,251	7,225,290	198.04
3411- 3420	4	0.27	1,364	94.72	80	5.55	1,360	94.44	17,083	6,955,973	190.66	4,243	7,229,533	198.16
3421- 3430	2	0.13	1,366	94.86	76	5.27	1,364	94.72	20,538	6,976,511	191.22	14,458	7,243,991	198.55
3431- 3440	3	0.20	1,369	95.06	74	5.13	1,366	94.86	13,735	6,990,246	191.60	4,185	7,248,176	198.67
3441- 3450	4	0.27	1,373	95.34	71	4.93	1,369	95.06	27,566	7,017,812	192.35	14,516	7,262,692	199.07
3451- 3460	5	0.34	1,378	95.69	67	4.65	1,373	95.34	24,191	7,042,003	193.02	7,611	7,270,303	199.28
3461- 3470	5	0.34	1,383	96.04	62	4.30	1,378	95.69	24,261	7,066,264	193.68	7,581	7,277,884	199.48
3471- 3480	4	0.27	1,387	96.31	57	3.95	1,383	96.04	27,814	7,094,078	194.44	14,504	7,292,388	199.88
3481- 3490	5	0.34	1,392	96.66	53	3.68	1,387	96.31	24,396	7,118,474	195.11	7,526	7,299,914	200.09
3491- 3500	3	0.20	1,395	96.87	48	3.33	1,392	96.66	17,482	7,135,956	195.59	7,492	7,307,406	200.29
3501- 3510	4	0.27	1,399	97.15	45	3.12	1,395	96.87	21,020	7,156,976	196.17	7,470	7,314,876	200.50
3511- 3520	3	0.20	1,402	97.36	41	2.84	1,399	97.15	17,584	7,174,560	196.65	7,464	7,322,340	200.70
3521- 3530	3	0.20	1,405	97.56	38	2.63	1,402	97.36	21,163	7,195,723	197.23	10,983	7,333,323	201.00
3531- 3540	1	0.06	1,406	97.63	35	2.43	1,405	97.56	3,538	7,199,261	197.33	358	7,333,681	201.01
3541- 3550	4	0.27	1,410	97.91	34	2.36	1,406	97.63	14,189	7,213,450	197.72	369	7,334,050	201.02
3551- 3560	2	0.13	1,412	98.05	30	2.08	1,410	97.91	10,668	7,224,118	198.01	3,868	7,337,918	201.13
3561- 3570	2	0.13	1,414	98.19	28	1.94	1,412	98.05	10,690	7,234,808	198.30	3,850	7,341,768	201.23

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
06-01-82 TO 07-30-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3571- 3580	4	0.27	1,418	98.47	26	1.80	1,414	98.19	14,297	7,249,105	198.69	277	7,342,045	201.24
3581- 3590	1	0.06	1,419	98.54	22	1.52	1,418	98.47	7,173	7,256,278	198.89	3,813	7,345,858	201.35
3591- 3600	2	0.13	1,421	98.68	21	1.45	1,419	98.54	10,790	7,267,068	199.19	3,820	7,349,678	201.45
3601- 3610	1	0.06	1,422	98.74	19	1.31	1,421	98.68	7,203	7,274,271	199.38	3,793	7,353,471	201.55
3611- 3620	3	0.20	1,425	98.95	18	1.24	1,422	98.74	10,841	7,285,112	199.68	191	7,353,662	201.56
3641- 3650	1	0.06	1,426	99.02	15	1.04	1,425	98.95	3,642	7,292,387	199.88	152	7,357,747	201.67
3651- 3660	1	0.06	1,427	99.09	14	0.97	1,426	99.02	7,315	7,299,702	200.08	3,805	7,361,552	201.78
3661- 3670	1	0.06	1,428	99.16	13	0.90	1,427	99.09	3,665	7,303,367	200.18	135	7,361,687	201.78
3681- 3690	2	0.13	1,430	99.30	12	0.83	1,428	99.16	7,371	7,310,738	200.38	131	7,361,938	201.79
3691- 3700	1	0.06	1,431	99.37	10	0.69	1,430	99.30	3,691	7,314,429	200.48	101	7,362,039	201.79
3701- 3710	1	0.06	1,432	99.44	9	0.62	1,431	99.37	3,701	7,318,130	200.59	91	7,362,130	201.79
3761- 3770	1	0.06	1,433	99.51	8	0.55	1,432	99.44	3,767	7,321,897	200.69	87	7,362,617	201.81
3791- 3800	2	0.13	1,435	99.65	7	0.48	1,433	99.51	7,595	7,329,492	200.90	85	7,362,842	201.81
3831- 3840	2	0.13	1,437	99.79	5	0.34	1,435	99.65	7,680	7,337,172	201.11	70	7,363,062	201.82
3861- 3870	1	0.06	1,438	99.86	3	0.20	1,437	99.79	3,870	7,341,042	201.21	40	7,363,162	201.82
3881- 3890	1	0.06	1,439	99.93	2	0.13	1,438	99.86	3,886	7,344,928	201.32	26	7,363,208	201.82
3941- 3950	1	0.06	1,440	100.00	1	0.06	1,439	99.93	3,945	7,348,873	201.43	15	7,363,273	201.82

TOTAL NUMBER OF HOURS IN STUDY IS 1,440

TOTAL MWH IN STUDY IS 3,648,282

PEAK MWH OF 3945 OCCURRED ON 07-19-82 AT 2 PM

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

DATE 09/29/82
PAGE NO. 1

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1681- 1690	1	0.02	1	0.02	4,368	100.00	0	0.00	1,681	1,681	0.01	43,681	7,381,921	54.61
1691- 1700	1	0.02	2	0.04	4,367	99.97	1	0.02	1,700	3,381	0.02	43,680	7,425,601	54.93
1701- 1710	1	0.02	3	0.06	4,366	99.95	2	0.04	1,705	5,086	0.03	43,665	7,469,266	55.26
1711- 1720	4	0.09	7	0.16	4,365	99.93	3	0.06	6,863	11,949	0.08	43,673	7,512,939	55.58
1721- 1730	1	0.02	8	0.18	4,361	99.83	7	0.16	1,725	13,674	0.10	43,615	7,556,554	55.90
1731- 1740	1	0.02	9	0.20	4,360	99.81	8	0.18	1,738	15,412	0.11	43,608	7,600,162	56.22
1741- 1750	3	0.06	12	0.27	4,359	99.79	9	0.20	5,238	20,650	0.15	43,608	7,643,770	56.55
1761- 1770	2	0.04	14	0.32	4,356	99.72	12	0.27	3,536	24,186	0.17	43,576	7,730,906	57.19
1781- 1790	1	0.02	15	0.34	4,354	99.67	14	0.32	1,785	25,971	0.19	43,545	7,817,991	57.84
1791- 1800	5	0.11	20	0.45	4,353	99.65	15	0.34	8,978	34,949	0.25	43,558	7,861,549	58.16
1801- 1810	1	0.02	21	0.48	4,348	99.54	20	0.45	1,802	36,751	0.27	43,482	7,905,031	58.48
1811- 1820	2	0.04	23	0.52	4,347	99.51	21	0.48	3,630	40,381	0.29	43,480	7,948,511	58.80
1821- 1830	4	0.09	27	0.61	4,345	99.47	23	0.52	7,306	47,687	0.35	43,476	7,991,987	59.12
1831- 1840	2	0.04	29	0.66	4,341	99.38	27	0.61	3,672	51,359	0.37	43,422	8,035,409	59.44
1841- 1850	3	0.06	32	0.73	4,339	99.33	29	0.66	5,537	56,896	0.42	43,407	8,078,816	59.77
1851- 1860	3	0.06	35	0.80	4,336	99.26	32	0.73	5,566	62,462	0.46	43,376	8,122,192	60.09
1861- 1870	2	0.04	37	0.84	4,333	99.19	35	0.80	3,730	66,192	0.48	43,340	8,165,532	60.41
1871- 1880	5	0.11	42	0.96	4,331	99.15	37	0.84	9,379	75,571	0.55	43,339	8,208,871	60.73
1881- 1890	6	0.13	48	1.09	4,326	99.03	42	0.96	11,323	86,894	0.64	43,303	8,252,174	61.05
1891- 1900	4	0.09	52	1.19	4,320	98.90	48	1.09	7,582	94,476	0.69	43,222	8,295,396	61.37
1901- 1910	4	0.09	56	1.28	4,316	98.80	52	1.19	7,616	102,092	0.75	43,176	8,338,572	61.69
1911- 1920	5	0.11	61	1.39	4,312	98.71	56	1.28	9,583	111,675	0.82	43,153	8,381,725	62.01
1921- 1930	8	0.18	69	1.57	4,307	98.60	61	1.39	15,403	127,078	0.94	43,113	8,424,838	62.33
1931- 1940	7	0.16	76	1.73	4,299	98.42	69	1.57	13,552	140,630	1.04	43,032	8,467,870	62.64
1941- 1950	9	0.20	85	1.94	4,292	98.26	76	1.73	17,504	158,134	1.16	42,964	8,510,834	62.96
1951- 1960	6	0.13	91	2.08	4,283	98.05	85	1.94	11,733	169,867	1.25	42,863	8,553,697	63.28
1961- 1970	11	0.25	102	2.33	4,277	97.91	91	2.08	21,614	191,481	1.41	42,824	8,596,521	63.60
1971- 1980	11	0.25	113	2.58	4,266	97.66	102	2.33	21,720	213,201	1.57	42,710	8,639,231	63.91
1981- 1990	12	0.27	125	2.86	4,255	97.41	113	2.58	23,833	237,034	1.75	42,623	8,681,854	64.23
1991- 2000	11	0.25	136	3.11	4,243	97.13	125	2.86	21,961	258,995	1.91	42,501	8,724,355	64.54
2001- 2010	6	0.13	142	3.25	4,232	96.88	136	3.11	12,041	271,036	2.00	42,361	8,766,716	64.85
2011- 2020	5	0.11	147	3.36	4,226	96.74	142	3.25	10,067	281,103	2.07	42,277	8,808,993	65.17
2021- 2030	13	0.29	160	3.66	4,221	96.63	147	3.36	26,320	307,423	2.27	42,270	8,851,263	65.48
2031- 2040	12	0.27	172	3.93	4,208	96.33	160	3.66	24,420	331,843	2.45	42,140	8,893,403	65.79
2041- 2050	8	0.18	180	4.12	4,196	96.06	172	3.93	16,375	348,218	2.57	42,015	8,935,418	66.10
2051- 2060	9	0.20	189	4.32	4,188	95.87	180	4.12	18,519	366,737	2.71	41,949	8,977,367	66.41
2061- 2070	11	0.25	200	4.57	4,179	95.67	189	4.32	22,719	389,456	2.88	41,849	9,019,216	66.72
2071- 2080	7	0.16	207	4.73	4,168	95.42	200	4.57	14,540	403,996	2.98	41,730	9,060,946	67.03
2081- 2090	13	0.29	220	5.03	4,161	95.26	207	4.73	27,132	431,128	3.18	41,702	9,102,648	67.34
2091- 2100	17	0.38	237	5.42	4,148	94.96	220	5.03	35,613	466,741	3.45	41,563	9,144,211	67.65
2101- 2110	17	0.38	254	5.81	4,131	94.57	237	5.42	35,788	502,529	3.71	41,398	9,185,609	67.95
2111- 2120	12	0.27	266	6.08	4,114	94.18	254	5.81	25,386	527,915	3.90	41,206	9,226,815	68.26
2121- 2130	11	0.25	277	6.34	4,102	93.91	266	6.08	23,380	551,295	4.07	41,080	9,267,895	68.56
2131- 2140	14	0.32	291	6.66	4,091	93.65	277	6.34	29,883	581,178	4.29	40,973	9,308,868	68.87
2141- 2150	12	0.27	303	6.93	4,077	93.33	291	6.66	25,730	606,908	4.49	40,820	9,349,688	69.17
2151- 2160	14	0.32	317	7.25	4,065	93.06	303	6.93	30,197	637,105	4.71	40,747	9,390,435	69.47
2161- 2170	14	0.32	331	7.57	4,051	92.74	317	7.25	30,321	667,426	4.93	40,591	9,431,026	69.77
2171- 2180	8	0.18	339	7.76	4,037	92.42	331	7.57	17,400	684,826	5.06	40,410	9,471,436	70.07
2181- 2190	19	0.43	358	8.19	4,029	92.23	339	7.76	41,539	726,365	5.37	40,409	9,511,845	70.37
2191- 2200	18	0.41	376	8.60	4,010	91.80	358	8.19	39,502	765,867	5.66	40,182	9,552,027	70.66
2201- 2210	14	0.32	390	8.92	3,992	91.39	376	8.60	30,865	796,732	5.89	39,935	9,592,012	70.96
2211- 2220	19	0.43	409	9.36	3,978	91.07	390	8.92	42,105	838,837	6.20	39,895	9,631,907	71.26
2221- 2230	11	0.25	420	9.61	3,959	90.63	409	9.36	24,482	863,319	6.38	39,652	9,671,559	71.55
2231- 2240	16	0.36	436	9.98	3,948	90.38	420	9.61	35,772	899,091	6.65	39,572	9,711,131	71.84

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2241- 2250	11	0.25	447	10.23	3,932	90.01	436	9.98	24,706	923,797	6.83	39,386	9,750,517	72.13
2251- 2260	17	0.38	464	10.62	3,921	89.76	447	10.23	38,353	962,150	7.11	39,313	9,789,830	72.42
2261- 2270	15	0.34	479	10.96	3,904	89.37	464	10.62	33,968	996,118	7.36	39,108	9,828,938	72.71
2271- 2280	16	0.36	495	11.33	3,889	89.03	479	10.96	36,418	1,032,536	7.63	38,988	9,867,926	73.00
2281- 2290	3	0.06	498	11.40	3,873	88.66	495	11.33	6,863	1,039,399	7.68	38,753	9,906,679	73.29
2291- 2300	16	0.36	514	11.76	3,870	88.59	498	11.40	36,719	1,076,118	7.96	38,779	9,945,458	73.58
2301- 2310	27	0.61	541	12.38	3,854	88.23	514	11.76	62,233	1,138,351	8.42	38,673	9,984,131	73.86
2311- 2320	23	0.52	564	12.91	3,827	87.61	541	12.38	53,255	1,191,606	8.81	38,395	10,022,526	74.15
2321- 2330	18	0.41	582	13.32	3,804	87.08	564	12.91	41,855	1,233,461	9.12	38,135	10,060,661	74.43
2331- 2340	10	0.22	592	13.55	3,786	86.67	582	13.32	23,365	1,256,826	9.29	37,925	10,098,586	74.71
2341- 2350	13	0.29	605	13.85	3,776	86.44	592	13.55	30,494	1,287,320	9.52	37,834	10,136,420	74.99
2351- 2360	18	0.41	623	14.26	3,763	86.14	605	13.85	42,406	1,329,726	9.83	37,736	10,174,155	75.27
2361- 2370	24	0.54	647	14.81	3,745	85.73	623	14.26	56,781	1,386,507	10.25	37,591	10,211,747	75.55
2371- 2380	20	0.45	667	15.27	3,721	85.18	647	14.81	47,503	1,434,010	10.60	37,313	10,249,060	75.82
2381- 2390	23	0.52	690	15.79	3,701	84.72	667	15.27	54,861	1,488,871	11.01	37,131	10,286,191	76.10
2391- 2400	21	0.48	711	16.27	3,678	84.20	690	15.79	50,316	1,539,187	11.38	36,906	10,323,097	76.37
2401- 2410	16	0.36	727	16.64	3,657	83.72	711	16.27	38,487	1,577,674	11.67	36,657	10,359,754	76.64
2411- 2420	16	0.36	743	17.01	3,641	83.35	727	16.64	38,653	1,616,327	11.95	36,503	10,396,257	76.91
2421- 2430	18	0.41	761	17.42	3,625	82.98	743	17.01	43,677	1,660,004	12.28	36,367	10,432,624	77.18
2431- 2440	14	0.32	775	17.74	3,607	82.57	761	17.42	34,117	1,694,121	12.53	36,167	10,468,791	77.45
2441- 2450	17	0.38	792	18.13	3,593	82.25	775	17.74	41,579	1,735,700	12.84	36,029	10,504,820	77.71
2451- 2460	19	0.43	811	18.56	3,576	81.86	792	18.13	46,625	1,782,325	13.18	35,835	10,540,655	77.98
2461- 2470	12	0.27	823	18.84	3,557	81.43	811	18.56	29,590	1,811,915	13.40	35,640	10,576,295	78.24
2471- 2480	14	0.32	837	19.16	3,545	81.15	823	18.84	34,675	1,846,590	13.66	35,545	10,611,840	78.51
2481- 2490	20	0.45	857	19.61	3,531	80.83	837	19.16	49,712	1,896,302	14.02	35,422	10,647,262	78.77
2491- 2500	30	0.68	887	20.30	3,511	80.38	857	19.61	74,867	1,971,169	14.58	35,277	10,682,539	79.03
2501- 2510	24	0.54	911	20.85	3,481	79.69	887	20.30	60,133	2,031,302	15.02	34,943	10,717,482	79.29
2511- 2520	24	0.54	935	21.40	3,457	79.14	911	20.85	60,363	2,091,665	15.47	34,693	10,752,175	79.54
2521- 2530	21	0.48	956	21.88	3,433	78.59	935	21.40	53,032	2,144,697	15.86	34,442	10,786,617	79.80
2531- 2540	25	0.57	981	22.45	3,412	78.11	956	21.88	63,405	2,208,102	16.33	34,275	10,820,892	80.05
2541- 2550	16	0.36	997	22.82	3,387	77.54	981	22.45	40,715	2,248,817	16.63	33,945	10,854,837	80.30
2551- 2560	20	0.45	1,017	23.28	3,371	77.17	997	22.82	51,101	2,299,918	17.01	33,811	10,888,648	80.55
2561- 2570	22	0.50	1,039	23.78	3,351	76.71	1,017	23.28	56,450	2,356,368	17.43	33,640	10,922,288	80.80
2571- 2580	28	0.64	1,067	24.42	3,329	76.21	1,039	23.78	72,100	2,428,468	17.96	33,430	10,955,718	81.05
2581- 2590	16	0.36	1,083	24.79	3,301	75.57	1,067	24.42	41,364	2,469,832	18.27	33,094	10,988,812	81.29
2591- 2600	22	0.50	1,105	25.29	3,285	75.20	1,083	24.79	57,129	2,526,961	18.69	32,999	11,021,811	81.54
2601- 2610	24	0.54	1,129	25.84	3,263	74.70	1,105	25.29	62,543	2,589,504	19.15	32,773	11,054,584	81.78
2611- 2620	23	0.52	1,152	26.37	3,239	74.15	1,129	25.84	60,176	2,649,680	19.60	32,536	11,087,120	82.02
2621- 2630	15	0.34	1,167	26.71	3,216	73.62	1,152	26.37	39,382	2,689,062	19.89	32,242	11,119,362	82.26
2631- 2640	14	0.32	1,181	27.03	3,201	73.28	1,167	26.71	36,873	2,725,935	20.16	32,063	11,151,425	82.50
2641- 2650	16	0.36	1,197	27.40	3,187	72.96	1,181	27.03	42,341	2,768,276	20.48	31,971	11,183,396	82.73
2651- 2660	14	0.32	1,211	27.72	3,171	72.59	1,197	27.40	37,210	2,805,486	20.75	31,820	11,215,216	82.97
2661- 2670	13	0.29	1,224	28.02	3,157	72.27	1,211	27.72	34,637	2,840,123	21.01	31,627	11,246,843	83.20
2671- 2680	26	0.59	1,250	28.61	3,144	71.97	1,224	28.02	69,585	2,909,708	21.52	31,605	11,278,448	83.44
2681- 2690	23	0.52	1,273	29.14	3,118	71.38	1,250	28.61	61,774	2,971,482	21.98	31,314	11,309,762	83.67
2691- 2700	21	0.48	1,294	29.62	3,095	70.85	1,273	29.14	56,599	3,028,081	22.40	31,059	11,340,821	83.90
2701- 2710	19	0.43	1,313	30.05	3,074	70.37	1,294	29.62	51,407	3,079,488	22.78	30,847	11,371,668	84.13
2711- 2720	16	0.36	1,329	30.42	3,055	69.94	1,313	30.05	43,465	3,122,953	23.10	30,655	11,402,323	84.35
2721- 2730	15	0.34	1,344	30.76	3,039	69.57	1,329	30.42	40,875	3,163,828	23.40	30,465	11,432,788	84.58
2731- 2740	15	0.34	1,359	31.11	3,024	69.23	1,344	30.76	41,041	3,204,869	23.71	30,331	11,463,119	84.80
2741- 2750	20	0.45	1,379	31.57	3,009	68.88	1,359	31.11	54,900	3,259,769	24.11	30,190	11,493,309	85.03
2751- 2760	20	0.45	1,399	32.02	2,989	68.42	1,379	31.57	55,129	3,314,898	24.52	30,019	11,523,328	85.25
2761- 2770	20	0.45	1,419	32.48	2,969	67.97	1,399	32.02	55,281	3,370,179	24.93	29,771	11,553,099	85.47
2771- 2780	20	0.45	1,439	32.94	2,949	67.51	1,419	32.48	55,502	3,425,681	25.34	29,592	11,582,691	85.69
2781- 2790	22	0.50	1,461	33.44	2,929	67.05	1,439	32.94	61,279	3,486,960	25.79	29,409	11,612,100	85.91

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2791- 2800	23	0.52	1,484	33.97	2,907	66.55	1,461	33.44	64,274	3,551,234	26.27	29,174	11,641,274	86.12
2801- 2810	17	0.38	1,501	34.36	2,884	66.02	1,484	33.97	47,700	3,598,934	26.62	28,940	11,670,214	86.34
2811- 2820	27	0.61	1,528	34.98	2,867	65.63	1,501	34.36	76,015	3,674,949	27.18	28,815	11,699,029	86.55
2821- 2830	19	0.43	1,547	35.41	2,840	65.01	1,528	34.98	53,681	3,728,630	27.58	28,501	11,727,530	86.76
2831- 2840	18	0.41	1,565	35.82	2,821	64.58	1,547	35.41	51,038	3,779,668	27.96	28,308	11,755,838	86.97
2841- 2850	17	0.38	1,582	36.21	2,803	64.17	1,565	35.82	48,380	3,828,048	28.32	28,130	11,783,968	87.18
2851- 2860	24	0.54	1,606	36.76	2,786	63.78	1,582	36.21	68,554	3,896,602	28.82	28,014	11,811,982	87.38
2861- 2870	22	0.50	1,628	37.27	2,762	63.23	1,606	36.76	63,039	3,959,641	29.29	27,739	11,839,721	87.59
2871- 2880	17	0.38	1,645	37.66	2,740	62.72	1,628	37.27	48,883	4,008,524	29.65	27,493	11,867,214	87.79
2881- 2890	12	0.27	1,657	37.93	2,723	62.33	1,645	37.66	34,626	4,043,150	29.91	27,296	11,894,510	88.00
2891- 2900	28	0.64	1,685	38.57	2,711	62.06	1,657	37.93	81,084	4,124,234	30.51	27,274	11,921,784	88.20
2901- 2910	26	0.59	1,711	39.17	2,683	61.42	1,685	38.57	75,552	4,199,786	31.07	26,982	11,948,766	88.40
2911- 2920	27	0.61	1,738	39.78	2,657	60.82	1,711	39.17	78,716	4,278,502	31.65	26,716	11,975,482	88.59
2921- 2930	20	0.45	1,758	40.24	2,630	60.21	1,738	39.78	58,518	4,337,020	32.08	26,418	12,001,900	88.79
2931- 2940	17	0.38	1,775	40.63	2,610	59.75	1,758	40.24	49,911	4,386,931	32.45	26,201	12,028,101	88.98
2941- 2950	23	0.52	1,793	41.16	2,593	59.36	1,775	40.63	67,733	4,454,664	32.95	26,043	12,054,144	89.18
2951- 2960	24	0.54	1,822	41.71	2,570	58.83	1,798	41.16	70,931	4,525,595	33.48	25,831	12,079,975	89.37
2961- 2970	22	0.50	1,844	42.21	2,546	58.28	1,822	41.71	65,242	4,590,837	33.96	25,582	12,105,557	89.56
2971- 2980	25	0.57	1,869	42.78	2,524	57.78	1,844	42.21	74,381	4,665,218	34.51	25,371	12,130,928	89.74
2981- 2990	22	0.50	1,891	43.29	2,499	57.21	1,869	42.78	65,690	4,730,908	35.00	25,120	12,156,048	89.93
2991- 3000	26	0.59	1,917	43.88	2,477	56.70	1,891	43.29	77,875	4,808,783	35.57	24,905	12,180,953	90.11
3001- 3010	21	0.48	1,938	44.36	2,451	56.11	1,917	43.88	63,138	4,871,921	36.04	24,648	12,205,601	90.30
3011- 3020	27	0.61	1,965	44.98	2,430	55.63	1,938	44.36	81,424	4,953,345	36.64	24,454	12,230,055	90.48
3021- 3030	40	0.91	2,005	45.90	2,403	55.01	1,965	44.98	120,994	5,074,339	37.54	24,224	12,254,279	90.66
3031- 3040	35	0.80	2,040	46.70	2,363	54.09	2,005	45.90	106,252	5,180,591	38.32	23,832	12,278,111	90.83
3041- 3050	30	0.68	2,070	47.39	2,328	53.29	2,040	46.70	91,352	5,271,943	39.00	23,432	12,301,543	91.01
3051- 3060	24	0.54	2,094	47.93	2,298	52.60	2,070	47.39	73,327	5,345,270	39.54	23,107	12,324,650	91.18
3061- 3070	26	0.59	2,120	48.53	2,274	52.06	2,094	47.93	79,708	5,424,978	40.13	22,888	12,347,538	91.35
3071- 3080	32	0.73	2,152	49.26	2,248	51.46	2,120	48.53	98,384	5,523,362	40.86	22,624	12,370,162	91.51
3081- 3090	31	0.70	2,183	49.97	2,216	50.73	2,152	49.26	95,672	5,619,034	41.57	22,352	12,392,514	91.68
3091- 3100	27	0.61	2,210	50.59	2,185	50.02	2,183	49.97	83,554	5,702,588	42.19	21,974	12,414,488	91.84
3101- 3110	24	0.54	2,234	51.14	2,158	49.40	2,210	50.59	74,522	5,777,110	42.74	21,702	12,436,190	92.00
3111- 3120	25	0.57	2,259	51.71	2,134	48.85	2,234	51.14	77,898	5,855,008	43.31	21,488	12,457,678	92.16
3121- 3130	29	0.66	2,288	52.38	2,109	48.28	2,259	51.71	90,634	5,945,642	43.98	21,244	12,478,922	92.32
3131- 3140	19	0.43	2,307	52.81	2,080	47.61	2,288	52.38	59,583	6,005,225	44.42	20,913	12,499,835	92.47
3141- 3150	27	0.61	2,334	53.43	2,061	47.18	2,307	52.81	84,911	6,090,136	45.05	20,741	12,520,576	92.63
3151- 3160	32	0.73	2,366	54.16	2,034	46.56	2,334	53.43	100,981	6,191,117	45.80	20,521	12,541,097	92.78
3161- 3170	28	0.64	2,394	54.80	2,002	45.83	2,366	54.16	88,615	6,279,732	46.45	20,155	12,561,252	92.93
3171- 3180	28	0.64	2,422	55.44	1,974	45.19	2,394	54.80	88,924	6,368,656	47.11	19,904	12,581,156	93.08
3181- 3190	27	0.61	2,449	56.06	1,946	44.55	2,422	55.44	85,997	6,454,653	47.75	19,597	12,600,753	93.22
3191- 3200	35	0.80	2,484	56.86	1,919	43.93	2,449	56.06	111,842	6,566,495	48.58	19,382	12,620,135	93.36
3201- 3210	17	0.38	2,501	57.25	1,884	43.13	2,484	56.86	54,498	6,620,993	48.98	18,938	12,639,073	93.50
3211- 3220	33	0.75	2,534	58.01	1,867	42.74	2,501	57.25	106,117	6,727,110	49.76	18,857	12,657,930	93.64
3221- 3230	23	0.52	2,557	58.53	1,834	41.98	2,534	58.01	74,204	6,801,314	50.31	18,484	12,676,414	93.78
3231- 3240	23	0.52	2,580	59.06	1,811	41.46	2,557	58.53	74,397	6,875,711	50.86	18,217	12,694,631	93.91
3241- 3250	25	0.57	2,605	59.63	1,788	40.93	2,580	59.06	81,149	6,956,860	51.46	18,029	12,712,660	94.05
3251- 3260	22	0.50	2,627	60.14	1,763	40.36	2,605	59.63	71,617	7,028,477	51.99	17,747	12,730,407	94.18
3261- 3270	33	0.75	2,660	60.89	1,741	39.85	2,627	60.14	107,760	7,136,237	52.79	17,590	12,747,997	94.31
3271- 3280	31	0.70	2,691	61.60	1,708	39.10	2,660	60.89	101,539	7,237,776	53.54	17,249	12,765,246	94.44
3281- 3290	27	0.61	2,718	62.22	1,677	38.39	2,691	61.60	88,734	7,326,510	54.20	16,944	12,782,190	94.56
3291- 3300	26	0.59	2,744	62.82	1,650	37.77	2,718	62.22	85,684	7,412,194	54.83	16,644	12,798,834	94.69
3301- 3310	19	0.43	2,763	63.25	1,624	37.17	2,744	62.82	62,800	7,474,994	55.30	16,340	12,815,174	94.81
3311- 3320	21	0.48	2,784	63.73	1,605	36.74	2,763	63.25	69,640	7,544,634	55.81	16,180	12,831,354	94.93
3321- 3330	17	0.38	2,801	64.12	1,584	36.26	2,784	63.73	56,525	7,601,159	56.23	15,925	12,847,279	95.04
3331- 3340	28	0.64	2,829	64.76	1,567	35.87	2,801	64.12	93,389	7,694,548	56.92	15,819	12,863,098	95.16

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3341- 3350	29	0.66	2,858	65.43	1,539	35.23	2,829	64.76	97,017	7,791,565	57.64	15,547	12,878,645	95.28
3351- 3360	15	0.34	2,873	65.77	1,510	34.56	2,858	65.43	50,340	7,841,905	58.01	15,190	12,893,835	95.39
3361- 3370	31	0.70	2,904	66.48	1,495	34.22	2,873	65.77	104,344	7,946,249	58.78	15,134	12,908,969	95.50
3371- 3380	22	0.50	2,926	66.98	1,464	33.51	2,904	66.48	74,264	8,020,513	59.33	14,764	12,923,733	95.61
3381- 3390	23	0.52	2,949	67.51	1,442	33.01	2,926	66.98	77,878	8,098,391	59.91	14,558	12,938,291	95.72
3391- 3400	21	0.48	2,970	67.99	1,419	32.48	2,949	67.51	71,326	8,169,717	60.44	14,326	12,952,617	95.82
3401- 3410	17	0.38	2,987	68.38	1,398	32.00	2,970	67.99	57,881	8,227,598	60.87	14,061	12,966,678	95.93
3411- 3420	20	0.45	3,007	68.84	1,381	31.61	2,987	68.38	68,309	8,295,907	61.37	13,919	12,980,597	96.03
3421- 3430	24	0.54	3,031	69.39	1,361	31.15	3,007	68.84	82,248	8,378,155	61.98	13,778	12,994,375	96.13
3431- 3440	20	0.45	3,051	69.84	1,337	30.60	3,031	69.39	68,709	8,446,864	62.49	13,479	13,007,854	96.23
3441- 3450	15	0.34	3,066	70.19	1,317	30.15	3,051	69.84	51,684	8,498,548	62.87	13,254	13,021,108	96.33
3451- 3460	23	0.52	3,089	70.71	1,302	29.80	3,066	70.19	79,477	8,578,025	63.46	13,147	13,034,255	96.43
3461- 3470	21	0.48	3,110	71.19	1,279	29.28	3,089	70.71	72,755	8,650,780	64.00	12,885	13,047,140	96.52
3471- 3480	23	0.52	3,133	71.72	1,258	28.80	3,110	71.19	79,952	8,730,732	64.59	12,722	13,059,862	96.62
3481- 3490	21	0.48	3,154	72.20	1,235	28.27	3,133	71.72	73,206	8,803,938	65.13	12,476	13,072,338	96.71
3491- 3500	24	0.54	3,178	72.75	1,214	27.79	3,154	72.20	83,883	8,887,821	65.75	12,263	13,084,601	96.80
3501- 3510	17	0.38	3,195	73.14	1,190	27.24	3,178	72.75	59,589	8,947,410	66.19	11,989	13,096,590	96.89
3511- 3520	22	0.50	3,217	73.64	1,173	26.85	3,195	73.14	77,331	9,024,741	66.76	11,841	13,108,431	96.98
3521- 3530	15	0.34	3,232	73.99	1,151	26.35	3,217	73.64	52,904	9,077,645	67.16	11,614	13,120,045	97.06
3531- 3540	18	0.41	3,250	74.40	1,136	26.00	3,232	73.99	63,631	9,141,276	67.63	11,451	13,131,496	97.15
3541- 3550	18	0.41	3,268	74.81	1,118	25.59	3,250	74.40	63,834	9,205,110	68.10	11,294	13,142,790	97.23
3551- 3560	20	0.45	3,288	75.27	1,100	25.18	3,268	74.81	71,110	9,276,220	68.62	11,110	13,153,900	97.31
3561- 3570	21	0.48	3,309	75.75	1,080	24.72	3,288	75.27	74,870	9,351,090	69.18	10,910	13,164,810	97.39
3571- 3580	18	0.41	3,327	76.16	1,059	24.24	3,309	75.75	64,367	9,415,457	69.65	10,697	13,175,507	97.47
3581- 3590	14	0.32	3,341	76.48	1,041	23.83	3,327	76.16	50,200	9,465,657	70.03	10,490	13,185,997	97.55
3591- 3600	22	0.50	3,363	76.99	1,027	23.51	3,341	76.48	79,111	9,544,768	70.61	10,401	13,196,398	97.63
3601- 3610	20	0.45	3,383	77.44	1,005	23.00	3,363	76.99	72,120	9,616,888	71.14	10,170	13,206,568	97.70
3611- 3620	22	0.50	3,405	77.95	985	22.55	3,383	77.44	79,533	9,696,421	71.73	9,963	13,216,531	97.78
3621- 3630	21	0.48	3,426	78.43	963	22.04	3,405	77.95	76,143	9,772,564	72.30	9,753	13,226,284	97.85
3631- 3640	19	0.43	3,445	78.86	942	21.56	3,426	78.43	69,098	9,841,660	72.81	9,546	13,235,830	97.92
3641- 3650	23	0.52	3,468	79.39	923	21.13	3,445	78.86	83,837	9,925,497	73.43	9,347	13,245,177	97.99
3651- 3660	14	0.32	3,482	79.71	900	20.60	3,468	79.39	51,158	9,976,655	73.81	9,058	13,254,235	98.06
3661- 3670	17	0.38	3,499	80.10	886	20.28	3,482	79.71	62,316	10,038,971	74.27	8,956	13,263,191	98.12
3671- 3680	20	0.45	3,519	80.56	869	19.89	3,499	80.10	73,482	10,112,453	74.81	8,772	13,271,963	98.19
3681- 3690	11	0.25	3,530	80.81	849	19.43	3,519	80.56	40,535	10,152,988	75.11	8,545	13,280,508	98.25
3691- 3700	23	0.52	3,553	81.34	838	19.18	3,530	80.81	84,987	10,237,975	75.74	8,497	13,289,005	98.31
3701- 3710	18	0.41	3,571	81.75	815	18.65	3,553	81.34	66,692	10,304,667	76.23	8,242	13,297,247	98.37
3711- 3720	23	0.52	3,594	82.28	797	18.24	3,571	81.75	85,450	10,390,117	76.87	8,090	13,305,337	98.43
3721- 3730	14	0.32	3,608	82.60	774	17.71	3,594	82.28	52,159	10,442,276	77.25	7,819	13,313,156	98.49
3731- 3740	16	0.36	3,624	82.96	760	17.39	3,608	82.60	59,787	10,502,063	77.69	7,707	13,320,863	98.55
3741- 3750	17	0.38	3,641	83.35	744	17.03	3,624	82.96	63,688	10,565,751	78.16	7,548	13,328,411	98.60
3751- 3760	17	0.38	3,658	83.74	727	16.64	3,641	83.35	63,830	10,629,581	78.64	7,350	13,335,761	98.66
3761- 3770	16	0.36	3,674	84.11	710	16.25	3,658	83.74	60,248	10,689,829	79.08	7,188	13,342,949	98.71
3771- 3780	19	0.43	3,693	84.54	694	15.88	3,674	84.11	71,742	10,761,571	79.61	7,052	13,350,001	98.76
3781- 3790	19	0.43	3,712	84.98	675	15.45	3,693	84.54	71,949	10,833,520	80.15	6,879	13,356,880	98.81
3791- 3800	16	0.36	3,728	85.34	656	15.01	3,712	84.98	60,729	10,894,249	80.59	6,649	13,363,529	98.86
3801- 3810	22	0.50	3,750	85.85	640	14.65	3,728	85.34	83,712	10,977,961	81.21	6,512	13,370,041	98.91
3811- 3820	14	0.32	3,764	86.17	618	14.14	3,750	85.85	53,420	11,031,381	81.61	6,260	13,376,301	98.96
3821- 3830	19	0.43	3,783	86.60	604	13.82	3,764	86.17	72,695	11,104,076	82.15	6,155	13,382,456	99.00
3831- 3840	12	0.27	3,795	86.88	585	13.39	3,783	86.60	46,045	11,150,121	82.49	5,935	13,388,391	99.05
3841- 3850	14	0.32	3,809	87.20	573	13.11	3,795	86.88	53,834	11,203,955	82.89	5,804	13,394,195	99.09
3851- 3860	14	0.32	3,823	87.52	559	12.79	3,809	87.20	53,971	11,257,926	83.29	5,661	13,399,856	99.13
3861- 3870	21	0.48	3,844	88.00	545	12.47	3,823	87.52	81,196	11,339,122	83.89	5,586	13,405,442	99.17
3871- 3880	11	0.25	3,855	88.25	524	11.99	3,844	88.00	42,627	11,381,749	84.20	5,297	13,410,739	99.21
3881- 3890	15	0.34	3,870	88.59	513	11.74	3,855	88.25	58,298	11,440,047	84.63	5,228	13,415,967	99.25

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3891- 3900	10	0.22	3,880	88.82	498	11.40	3,870	88.59	38,949	11,478,996	84.92	5,029	13,420,996	99.29
3901- 3910	18	0.41	3,898	89.23	488	11.17	3,880	88.82	70,290	11,549,286	85.44	4,970	13,425,966	99.33
3911- 3920	23	0.52	3,921	89.76	470	10.76	3,898	89.23	90,039	11,639,325	86.11	4,809	13,430,775	99.36
3921- 3930	13	0.29	3,934	90.06	447	10.23	3,921	89.76	51,028	11,690,353	86.48	4,538	13,435,313	99.39
3931- 3940	17	0.38	3,951	90.45	434	9.93	3,934	90.06	66,906	11,757,259	86.98	4,436	13,439,749	99.43
3941- 3950	13	0.29	3,964	90.75	417	9.54	3,951	90.45	51,303	11,808,562	87.36	4,253	13,444,002	99.46
3951- 3960	8	0.18	3,972	90.93	404	9.24	3,964	90.75	31,646	11,840,208	87.59	4,086	13,448,088	99.49
3961- 3970	14	0.32	3,986	91.25	396	9.06	3,972	90.93	55,522	11,895,730	88.00	4,042	13,452,130	99.52
3971- 3980	14	0.32	4,000	91.57	382	8.74	3,986	91.25	55,667	11,951,397	88.42	3,907	13,456,037	99.55
3981- 3990	10	0.22	4,010	91.80	368	8.42	4,000	91.57	39,861	11,991,258	88.71	3,741	13,459,778	99.58
3991- 4000	15	0.34	4,025	92.14	358	8.19	4,010	91.80	59,919	12,051,177	89.15	3,649	13,463,427	99.60
4001- 4010	11	0.25	4,036	92.39	343	7.85	4,025	92.14	44,063	12,095,240	89.48	3,493	13,466,920	99.63
4011- 4020	6	0.13	4,042	92.53	332	7.60	4,036	92.39	24,099	12,119,339	89.66	3,359	13,470,279	99.65
4021- 4030	7	0.16	4,049	92.69	326	7.46	4,042	92.53	28,183	12,147,522	89.87	3,303	13,473,582	99.68
4031- 4040	12	0.27	4,061	92.97	319	7.30	4,049	92.69	48,422	12,195,944	90.23	3,252	13,476,834	99.70
4041- 4050	13	0.29	4,074	93.26	307	7.02	4,061	92.97	52,602	12,248,546	90.61	3,152	13,479,986	99.73
4051- 4060	7	0.16	4,081	93.42	294	6.73	4,074	93.26	28,390	12,276,936	90.82	2,980	13,482,966	99.75
4061- 4070	12	0.27	4,093	93.70	287	6.57	4,081	93.42	48,787	12,325,723	91.19	2,937	13,485,903	99.77
4071- 4080	9	0.20	4,102	93.91	275	6.29	4,093	93.70	36,675	12,362,398	91.46	2,795	13,488,698	99.79
4081- 4090	4	0.09	4,106	94.00	266	6.08	4,102	93.91	16,332	12,378,730	91.58	2,672	13,491,370	99.81
4091- 4100	7	0.16	4,113	94.16	262	5.99	4,106	94.00	28,669	12,407,399	91.79	2,659	13,494,029	99.83
4101- 4110	9	0.20	4,122	94.36	255	5.83	4,113	94.16	36,958	12,444,357	92.06	2,608	13,496,637	99.85
4111- 4120	9	0.20	4,131	94.57	246	5.63	4,122	94.36	37,039	12,481,396	92.34	2,509	13,499,146	99.87
4121- 4130	10	0.22	4,141	94.80	237	5.42	4,131	94.57	41,250	12,522,646	92.64	2,420	13,501,566	99.88
4131- 4140	12	0.27	4,153	95.07	227	5.19	4,141	94.80	49,629	12,572,275	93.01	2,339	13,503,905	99.90
4141- 4150	8	0.18	4,161	95.26	215	4.92	4,153	95.07	33,170	12,605,445	93.26	2,200	13,506,105	99.92
4151- 4160	7	0.16	4,168	95.42	207	4.73	4,161	95.26	29,073	12,634,518	93.47	2,093	13,508,198	99.93
4161- 4170	7	0.16	4,175	95.58	200	4.57	4,168	95.42	29,159	12,663,677	93.69	2,039	13,510,237	99.95
4171- 4180	7	0.16	4,182	95.74	193	4.41	4,175	95.58	29,241	12,692,918	93.90	1,981	13,512,218	99.96
4181- 4190	5	0.11	4,187	95.85	186	4.25	4,182	95.74	20,931	12,713,849	94.06	1,891	13,514,109	99.98
4191- 4200	6	0.13	4,193	95.99	181	4.14	4,187	95.85	25,170	12,739,019	94.24	1,840	13,515,949	99.99
4201- 4210	6	0.13	4,199	96.13	175	4.00	4,193	95.99	25,231	12,764,250	94.43	1,781	13,517,730	100.00
4211- 4220	8	0.18	4,207	96.31	169	3.86	4,199	96.13	33,719	12,797,969	94.68	1,729	13,519,459	100.02
4221- 4230	4	0.09	4,211	96.40	161	3.68	4,207	96.31	16,900	12,814,869	94.80	1,630	13,521,089	100.03
4231- 4240	7	0.16	4,218	96.56	157	3.59	4,211	96.40	29,665	12,844,534	95.02	1,625	13,522,714	100.04
4241- 4250	12	0.27	4,230	96.84	150	3.43	4,218	96.56	50,950	12,895,484	95.40	1,570	13,524,284	100.05
4251- 4260	10	0.22	4,240	97.06	138	3.15	4,230	96.84	42,550	12,938,034	95.72	1,430	13,525,714	100.06
4261- 4270	7	0.16	4,247	97.22	128	2.93	4,240	97.06	29,858	12,967,892	95.94	1,318	13,527,032	100.07
4271- 4280	1	0.02	4,248	97.25	121	2.77	4,247	97.22	4,272	12,972,164	95.97	1,212	13,528,244	100.08
4281- 4290	6	0.13	4,254	97.39	120	2.74	4,248	97.25	25,710	12,997,874	96.16	1,230	13,529,474	100.09
4291- 4300	3	0.06	4,257	97.45	114	2.60	4,254	97.39	12,889	13,010,763	96.25	1,159	13,530,633	100.10
4301- 4310	4	0.09	4,261	97.55	111	2.54	4,257	97.45	17,221	13,027,984	96.38	1,131	13,531,764	100.11
4311- 4320	6	0.13	4,267	97.68	107	2.44	4,261	97.55	25,902	13,053,886	96.57	1,112	13,532,876	100.12
4321- 4330	6	0.13	4,273	97.82	101	2.31	4,267	97.68	25,949	13,079,835	96.76	1,039	13,533,915	100.12
4341- 4350	6	0.13	4,279	97.96	95	2.17	4,273	97.82	26,079	13,105,914	96.96	989	13,535,854	100.14
4351- 4360	5	0.11	4,284	98.07	89	2.03	4,279	97.96	21,769	13,127,683	97.12	909	13,536,763	100.15
4361- 4370	4	0.09	4,288	98.16	84	1.92	4,284	98.07	17,469	13,145,152	97.25	869	13,537,632	100.15
4371- 4380	3	0.06	4,291	98.23	80	1.83	4,288	98.16	13,120	13,158,272	97.35	810	13,538,442	100.16
4381- 4390	2	0.04	4,293	98.28	77	1.76	4,291	98.23	8,768	13,167,040	97.41	778	13,539,220	100.16
4391- 4400	3	0.06	4,296	98.35	75	1.71	4,293	98.28	13,195	13,180,235	97.51	775	13,539,995	100.17
4401- 4410	5	0.11	4,301	98.46	72	1.64	4,296	98.35	22,027	13,202,262	97.67	747	13,540,742	100.17
4411- 4420	1	0.02	4,302	98.48	67	1.53	4,301	98.46	4,415	13,206,677	97.70	675	13,541,417	100.18
4421- 4430	5	0.11	4,307	98.60	66	1.51	4,302	98.48	22,136	13,228,813	97.87	696	13,542,113	100.18
4431- 4440	2	0.04	4,309	98.64	61	1.39	4,307	98.60	8,878	13,237,691	97.93	628	13,542,741	100.19
4451- 4460	1	0.02	4,310	98.67	59	1.35	4,309	98.64	4,454	13,242,145	97.97	594	13,543,925	100.20

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
10-01-81 TO 03-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
4481- 4490	1	0.02	4,311	98.69	58	1.32	4,310	98.67	4,481	13,246,626	98.00	581	13,545,666	100.21
4491- 4500	2	0.04	4,313	98.74	57	1.30	4,311	98.69	8,987	13,255,613	98.07	577	13,546,243	100.22
4501- 4510	4	0.09	4,317	98.83	55	1.25	4,313	98.74	18,023	13,273,636	98.20	573	13,546,816	100.22
4511- 4520	4	0.09	4,321	98.92	51	1.16	4,317	98.83	18,054	13,291,690	98.33	524	13,547,340	100.22
4521- 4530	1	0.02	4,322	98.94	47	1.07	4,321	98.92	4,522	13,296,212	98.37	472	13,547,812	100.23
4531- 4540	3	0.06	4,325	99.01	46	1.05	4,322	98.94	13,610	13,309,822	98.47	480	13,548,292	100.23
4541- 4550	4	0.09	4,329	99.10	43	0.98	4,325	99.01	18,183	13,328,005	98.60	453	13,548,745	100.23
4561- 4570	2	0.04	4,331	99.15	39	0.89	4,329	99.10	9,126	13,337,131	98.67	396	13,549,531	100.24
4571- 4580	1	0.02	4,332	99.17	37	0.84	4,331	99.15	4,576	13,341,707	98.70	376	13,549,907	100.24
4581- 4590	1	0.02	4,333	99.19	36	0.82	4,332	99.17	4,583	13,346,290	98.74	363	13,550,270	100.25
4601- 4610	1	0.02	4,334	99.22	35	0.80	4,333	99.19	4,607	13,350,897	98.77	357	13,550,977	100.25
4611- 4620	1	0.02	4,335	99.24	34	0.77	4,334	99.22	4,611	13,355,508	98.80	341	13,551,318	100.25
4621- 4630	1	0.02	4,336	99.26	33	0.75	4,335	99.24	4,623	13,360,131	98.84	333	13,551,651	100.26
4631- 4640	1	0.02	4,337	99.29	32	0.73	4,336	99.26	4,636	13,364,767	98.87	326	13,551,977	100.26
4651- 4660	3	0.06	4,340	99.35	31	0.70	4,337	99.29	13,974	13,378,741	98.98	334	13,552,621	100.26
4681- 4690	1	0.02	4,341	99.38	28	0.64	4,340	99.35	4,688	13,383,429	99.01	288	13,553,469	100.27
4691- 4700	1	0.02	4,342	99.40	27	0.61	4,341	99.38	4,697	13,388,126	99.05	277	13,553,746	100.27
4701- 4710	1	0.02	4,343	99.42	26	0.59	4,342	99.40	4,706	13,392,832	99.08	266	13,554,012	100.27
4741- 4750	1	0.02	4,344	99.45	25	0.57	4,343	99.42	4,743	13,397,575	99.12	253	13,555,015	100.28
4751- 4760	2	0.04	4,346	99.49	24	0.54	4,344	99.45	9,513	13,407,088	99.19	253	13,555,268	100.28
4781- 4790	1	0.02	4,347	99.51	22	0.50	4,346	99.49	4,788	13,411,876	99.22	228	13,555,936	100.29
4791- 4800	1	0.02	4,348	99.54	21	0.48	4,347	99.51	4,795	13,416,671	99.26	215	13,556,151	100.29
4801- 4810	2	0.04	4,350	99.58	20	0.45	4,348	99.54	9,611	13,426,282	99.33	211	13,556,362	100.29
4861- 4870	1	0.02	4,351	99.61	18	0.41	4,350	99.58	4,869	13,431,151	99.36	189	13,557,451	100.30
4871- 4880	1	0.02	4,352	99.63	17	0.39	4,351	99.61	4,871	13,436,022	99.40	171	13,557,622	100.30
4891- 4900	1	0.02	4,353	99.65	16	0.36	4,352	99.63	4,897	13,440,919	99.44	167	13,557,949	100.30
4911- 4920	2	0.04	4,355	99.70	15	0.34	4,353	99.65	9,825	13,450,744	99.51	155	13,558,254	100.30
4931- 4940	1	0.02	4,356	99.72	13	0.29	4,355	99.70	4,931	13,455,675	99.55	131	13,558,515	100.31
4951- 4960	2	0.04	4,358	99.77	12	0.27	4,356	99.72	9,907	13,465,582	99.62	127	13,558,762	100.31
4991- 5000	1	0.02	4,359	99.79	10	0.22	4,358	99.77	4,992	13,470,574	99.66	102	13,559,164	100.31
5031- 5040	1	0.02	4,360	99.81	9	0.20	4,359	99.79	5,032	13,475,606	99.69	92	13,559,526	100.31
5041- 5050	1	0.02	4,361	99.83	8	0.18	4,360	99.81	5,049	13,480,655	99.73	89	13,559,615	100.31
5051- 5060	1	0.02	4,362	99.86	7	0.16	4,361	99.83	5,052	13,485,707	99.77	72	13,559,687	100.31
5061- 5070	2	0.04	4,364	99.90	6	0.13	4,362	99.86	10,129	13,495,836	99.84	69	13,559,756	100.32
5121- 5130	2	0.04	4,366	99.95	4	0.09	4,364	99.90	10,256	13,506,092	99.92	56	13,560,012	100.32
5141- 5150	1	0.02	4,367	99.97	2	0.04	4,366	99.95	5,144	13,511,236	99.96	24	13,560,056	100.32
5201- 5210	1	0.02	4,368	100.00	1	0.02	4,367	99.97	5,207	13,516,443	100.00	17	13,560,123	100.32

TOTAL NUMBER OF HOURS IN STUDY IS 4,368

TOTAL MWH IN STUDY IS 13,516,443

PEAK MWH OF 5207 OCCURRED ON 01-11-82 AT 11 AM

PENNSYLVANIA POWER & LIGHT COMPANY

Load Occurrence Curves
Year Ended July 31, 1982

Part d. Load occurrence curve for the experienced test year.

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Year Ended July 31, 1982	1 - 7

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
0- 10	1	0.01	1	0.01	8,760	100.00	0	0.00	0	0	0.00	87,600	87,600	0.35
1291- 1300	1	0.01	2	0.02	8,759	99.98	1	0.01	1,300	1,300	0.00	87,600	11,386,720	46.22
1311- 1320	3	0.03	5	0.05	8,758	99.97	2	0.02	3,945	5,245	0.02	87,595	11,561,895	46.93
1321- 1330	1	0.01	6	0.06	8,755	99.94	5	0.05	1,329	6,574	0.02	87,559	11,649,454	47.29
1331- 1340	1	0.01	7	0.07	8,754	99.93	6	0.06	1,333	7,907	0.03	87,543	11,736,997	47.64
1341- 1350	2	0.02	9	0.10	8,753	99.92	7	0.07	2,686	10,593	0.04	87,536	11,824,533	48.00
1351- 1360	1	0.01	10	0.11	8,751	99.89	9	0.10	1,355	11,948	0.04	87,515	11,912,048	48.36
1391- 1400	2	0.02	12	0.13	8,750	99.88	10	0.11	2,784	14,732	0.05	87,504	12,262,052	49.78
1411- 1420	1	0.01	13	0.14	8,748	99.86	12	0.13	1,420	16,152	0.06	87,490	12,437,022	50.49
1421- 1430	2	0.02	15	0.17	8,747	99.85	13	0.14	2,856	19,008	0.07	87,486	12,524,508	50.84
1431- 1440	3	0.03	18	0.20	8,745	99.82	15	0.17	4,317	23,325	0.09	87,477	12,611,985	51.20
1441- 1450	4	0.04	22	0.25	8,742	99.79	18	0.20	5,781	29,106	0.11	87,441	12,699,426	51.55
1451- 1460	6	0.06	28	0.31	8,738	99.74	22	0.25	8,736	37,842	0.15	87,416	12,786,842	51.91
1461- 1470	2	0.02	30	0.34	8,732	99.68	28	0.31	2,929	40,771	0.16	87,329	12,874,171	52.26
1471- 1480	5	0.05	35	0.39	8,730	99.65	30	0.34	7,394	48,165	0.19	87,344	12,961,515	52.62
1481- 1490	4	0.04	39	0.44	8,725	99.60	35	0.39	5,945	54,110	0.21	87,275	13,048,790	52.97
1491- 1500	6	0.06	45	0.51	8,721	99.55	39	0.44	8,972	63,082	0.25	87,242	13,136,032	53.32
1501- 1510	6	0.06	51	0.58	8,715	99.48	45	0.51	9,039	72,121	0.29	87,189	13,223,221	53.68
1511- 1520	6	0.06	57	0.65	8,709	99.41	51	0.58	9,090	81,211	0.32	87,120	13,310,341	54.03
1521- 1530	11	0.12	68	0.77	8,703	99.34	57	0.65	16,778	97,989	0.39	87,088	13,397,429	54.39
1531- 1540	5	0.05	73	0.83	8,692	99.22	68	0.77	7,672	105,661	0.42	86,942	13,484,371	54.74
1541- 1550	5	0.05	78	0.89	8,687	99.16	73	0.83	7,731	113,392	0.46	86,901	13,571,272	55.09
1551- 1560	8	0.09	86	0.98	8,682	99.10	78	0.89	12,435	125,827	0.51	86,855	13,658,127	55.44
1561- 1570	11	0.12	97	1.10	8,674	99.01	86	0.98	17,223	143,050	0.58	86,803	13,744,930	55.80
1571- 1580	6	0.06	103	1.17	8,663	98.89	97	1.10	9,454	152,504	0.61	86,664	13,831,594	56.15
1581- 1590	15	0.17	118	1.34	8,657	98.82	103	1.17	23,797	176,301	0.71	86,667	13,918,261	56.50
1591- 1600	4	0.04	122	1.39	8,642	98.65	118	1.34	6,383	182,684	0.74	86,443	14,004,704	56.85
1601- 1610	12	0.13	134	1.52	8,638	98.60	122	1.39	19,255	201,939	0.81	86,435	14,091,139	57.20
1611- 1620	8	0.09	142	1.62	8,626	98.47	134	1.52	12,931	214,870	0.87	86,311	14,177,450	57.55
1621- 1630	10	0.11	152	1.73	8,618	98.37	142	1.62	16,247	231,117	0.93	86,227	14,263,677	57.90
1631- 1640	12	0.13	164	1.87	8,608	98.26	152	1.73	19,627	250,744	1.01	86,147	14,349,824	58.25
1641- 1650	11	0.12	175	1.99	8,596	98.12	164	1.87	18,107	268,851	1.09	86,027	14,435,851	58.60
1651- 1660	15	0.17	190	2.16	8,585	98.00	175	1.99	24,834	293,685	1.19	85,934	14,521,785	58.95
1661- 1670	10	0.11	200	2.28	8,570	97.83	190	2.16	16,653	310,338	1.25	85,753	14,607,538	59.30
1671- 1680	14	0.15	214	2.44	8,560	97.71	200	2.28	23,455	333,793	1.35	85,675	14,693,213	59.65
1681- 1690	14	0.15	228	2.60	8,546	97.55	214	2.44	25,271	359,064	1.45	87,211	14,780,424	60.00
1691- 1700	22	0.25	250	2.85	8,532	97.39	228	2.60	38,982	398,046	1.61	87,122	14,867,546	60.35
1701- 1710	16	0.18	266	3.03	8,510	97.14	250	2.85	29,011	427,057	1.73	86,911	14,954,457	60.71
1711- 1720	20	0.22	286	3.26	8,494	96.96	266	3.03	41,171	468,228	1.90	91,911	15,046,368	61.08
1721- 1730	16	0.18	302	3.44	8,474	96.73	286	3.26	29,318	497,546	2.01	86,538	15,132,906	61.43
1731- 1740	21	0.23	323	3.68	8,458	96.55	302	3.44	38,180	535,726	2.17	86,430	15,219,336	61.78
1741- 1750	18	0.20	341	3.89	8,437	96.31	323	3.68	36,647	572,373	2.32	89,697	15,309,033	62.15
1751- 1760	22	0.25	363	4.14	8,419	96.10	341	3.89	38,608	610,981	2.48	84,298	15,393,331	62.49
1761- 1770	21	0.23	384	4.38	8,397	95.85	363	4.14	40,642	651,623	2.64	87,652	15,480,983	62.84
1771- 1780	13	0.14	397	4.53	8,376	95.61	384	4.38	23,095	674,718	2.73	83,845	15,564,828	63.19
1781- 1790	25	0.28	422	4.81	8,363	95.46	397	4.53	46,421	721,139	2.92	85,551	15,650,379	63.53
1791- 1800	24	0.27	446	5.09	8,338	95.18	422	4.81	52,071	773,210	3.13	92,491	15,742,870	63.91
1801- 1810	26	0.29	472	5.38	8,314	94.90	446	5.09	48,754	821,964	3.33	85,094	15,827,964	64.25
1811- 1820	28	0.31	500	5.70	8,288	94.61	472	5.38	54,452	876,416	3.55	86,652	15,914,616	64.61
1821- 1830	36	0.41	536	6.11	8,260	94.29	500	5.70	73,026	949,442	3.85	90,106	16,004,722	64.97
1831- 1840	22	0.25	558	6.36	8,224	93.88	536	6.11	44,077	993,519	4.03	86,057	16,090,779	65.32
1841- 1850	29	0.33	587	6.70	8,202	93.63	558	6.36	59,077	1,052,596	4.27	87,737	16,178,516	65.68
1851- 1860	31	0.35	618	7.05	8,173	93.29	587	6.70	63,109	1,115,705	4.52	87,409	16,266,005	66.03
1861- 1870	42	0.47	660	7.53	8,142	92.94	618	7.05	82,091	1,197,796	4.86	85,391	16,351,396	66.38

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82

DATE 09/29/82
PAGE NO. 2

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
1871- 1880	33	0.37	693	7.91	8,100	92.46	660	7.53	71,271	1,269,067	5.15	90,561	16,441,957	66.75
1881- 1890	36	0.41	729	8.32	8,067	92.08	693	7.91	79,223	1,348,290	5.47	92,213	16,534,170	67.12
1891- 1900	29	0.33	758	8.65	8,031	91.67	729	8.32	62,535	1,410,825	5.72	88,035	16,622,205	67.48
1901- 1910	43	0.49	801	9.14	8,002	91.34	758	8.65	89,575	1,500,400	6.09	87,895	16,710,100	67.83
1911- 1920	40	0.45	841	9.60	7,959	90.85	801	9.14	86,231	1,586,631	6.44	89,421	16,799,521	68.20
1921- 1930	34	0.38	875	9.98	7,919	90.39	841	9.60	80,877	1,667,508	6.76	94,787	16,894,308	68.58
1931- 1940	31	0.35	906	10.34	7,885	90.01	875	9.98	73,535	1,741,043	7.06	92,555	16,986,863	68.96
1941- 1950	40	0.45	946	10.79	7,854	89.65	906	10.34	95,328	1,836,371	7.45	96,268	17,083,131	69.35
1951- 1960	44	0.50	990	11.30	7,814	89.20	946	10.79	97,771	1,934,142	7.85	90,111	17,173,242	69.72
1961- 1970	34	0.38	1,024	11.68	7,770	88.69	990	11.30	88,421	2,022,563	8.21	99,481	17,272,723	70.12
1971- 1980	31	0.35	1,055	12.04	7,736	88.31	1,024	11.68	82,958	2,105,521	8.54	99,248	17,371,971	70.52
1981- 1990	50	0.57	1,105	12.61	7,705	87.95	1,055	12.04	123,085	2,228,606	9.04	101,135	17,473,106	70.93
1991- 2000	42	0.47	1,147	13.09	7,655	87.38	1,105	12.61	105,789	2,334,395	9.47	98,759	17,571,865	71.33
2001- 2010	36	0.41	1,183	13.50	7,613	86.90	1,147	13.09	84,240	2,418,635	9.81	88,370	17,660,235	71.69
2011- 2020	38	0.43	1,221	13.93	7,577	86.49	1,183	13.50	86,611	2,505,246	10.17	85,001	17,746,236	72.04
2021- 2030	43	0.49	1,264	14.42	7,539	86.06	1,221	13.93	113,408	2,618,654	10.63	101,938	17,848,174	72.46
2031- 2040	32	0.36	1,296	14.79	7,494	85.57	1,264	14.42	89,540	2,708,194	10.99	99,540	17,947,714	72.86
2041- 2050	35	0.39	1,331	15.19	7,464	85.20	1,296	14.79	87,990	2,796,184	11.35	91,230	18,038,944	73.23
2051- 2060	33	0.37	1,364	15.57	7,429	84.80	1,331	15.19	86,386	2,882,570	11.70	93,026	18,131,970	73.61
2061- 2070	36	0.41	1,400	15.98	7,396	84.42	1,364	15.57	97,092	2,979,662	12.09	96,892	18,228,862	74.00
2071- 2080	25	0.28	1,425	16.26	7,360	84.01	1,400	15.98	66,429	3,046,091	12.36	88,279	18,317,141	74.36
2081- 2090	40	0.45	1,465	16.72	7,335	83.73	1,425	16.26	110,568	3,156,659	12.81	100,718	18,417,859	74.77
2091- 2100	41	0.46	1,506	17.19	7,295	83.27	1,465	16.72	121,513	3,278,172	13.30	108,773	18,526,632	75.21
2101- 2110	53	0.60	1,559	17.79	7,254	82.80	1,506	17.19	147,362	3,425,534	13.90	108,602	18,635,234	75.65
2111- 2120	33	0.37	1,592	18.17	7,201	82.20	1,559	17.79	95,195	3,520,729	14.29	97,575	18,732,809	76.05
2121- 2130	37	0.42	1,629	18.59	7,168	81.82	1,592	18.17	102,026	3,622,755	14.70	95,266	18,828,075	76.43
2131- 2140	33	0.37	1,662	18.97	7,131	81.40	1,629	18.59	100,348	3,723,103	15.11	101,368	18,929,443	76.84
2141- 2150	34	0.38	1,696	19.36	7,098	81.02	1,662	18.97	98,676	3,821,779	15.51	96,896	19,026,339	77.24
2151- 2160	36	0.41	1,732	19.77	7,064	80.63	1,696	19.36	107,815	3,929,594	15.95	101,055	19,127,394	77.65
2161- 2170	36	0.41	1,768	20.18	7,028	80.22	1,732	19.77	103,288	4,037,882	16.39	100,808	19,228,202	78.06
2171- 2180	29	0.33	1,797	20.51	6,992	79.81	1,768	20.18	80,502	4,118,384	16.71	87,492	19,315,694	78.41
2181- 2190	41	0.46	1,838	20.98	6,963	79.48	1,797	20.51	131,146	4,249,530	17.25	111,396	19,427,090	78.87
2191- 2200	47	0.53	1,885	21.51	6,922	79.01	1,838	20.98	142,652	4,392,182	17.83	108,942	19,536,032	79.31
2201- 2210	35	0.39	1,920	21.91	6,875	78.48	1,885	21.51	108,031	4,500,213	18.27	99,781	19,635,813	79.71
2211- 2220	46	0.52	1,966	22.44	6,840	78.08	1,920	21.91	144,046	4,644,259	18.85	110,786	19,746,599	80.16
2221- 2230	36	0.41	2,002	22.85	6,794	77.55	1,966	22.44	104,604	4,748,863	19.27	92,624	19,839,223	80.54
2231- 2240	48	0.54	2,050	23.40	6,758	77.14	2,002	22.85	143,075	4,891,938	19.86	103,615	19,942,838	80.96
2241- 2250	44	0.50	2,094	23.90	6,710	76.59	2,050	23.40	123,525	5,015,463	20.36	92,065	20,034,903	81.33
2251- 2260	40	0.45	2,134	24.36	6,666	76.09	2,094	23.90	128,583	5,144,046	20.88	105,243	20,140,146	81.76
2261- 2270	41	0.46	2,175	24.82	6,626	75.63	2,134	24.36	126,842	5,270,888	21.39	100,442	20,240,588	82.17
2271- 2280	48	0.54	2,223	25.37	6,585	75.17	2,175	24.82	145,648	5,416,536	21.99	102,538	20,343,126	82.58
2281- 2290	28	0.31	2,251	25.69	6,537	74.62	2,223	25.37	70,878	5,487,414	22.27	72,408	20,415,534	82.88
2291- 2300	44	0.50	2,295	26.19	6,509	74.30	2,251	25.69	137,701	5,625,115	22.83	102,031	20,517,565	83.29
2301- 2310	56	0.63	2,351	26.83	6,465	73.80	2,295	26.19	191,356	5,816,471	23.61	127,206	20,644,771	83.81
2311- 2320	52	0.59	2,403	27.43	6,409	73.16	2,351	26.83	173,667	5,990,138	24.31	117,637	20,762,408	84.29
2321- 2330	42	0.47	2,445	27.91	6,357	72.56	2,403	27.43	139,545	6,129,683	24.88	105,675	20,868,083	84.72
2331- 2340	36	0.41	2,481	28.32	6,315	72.08	2,445	27.91	107,452	6,237,135	25.32	86,722	20,954,805	85.07
2341- 2350	45	0.51	2,526	28.83	6,279	71.67	2,481	28.32	135,045	6,373,180	25.87	93,535	21,048,340	85.45
2351- 2360	42	0.47	2,568	29.31	6,234	71.16	2,526	28.83	141,340	6,514,520	26.44	104,980	21,153,320	85.87
2361- 2370	40	0.45	2,608	29.77	6,192	70.68	2,568	29.31	151,419	6,665,939	27.06	118,939	21,272,259	86.36
2371- 2380	39	0.44	2,647	30.21	6,152	70.22	2,608	29.77	140,138	6,806,077	27.63	109,228	21,381,487	86.80
2381- 2390	43	0.49	2,690	30.70	6,113	69.78	2,647	30.21	157,416	6,963,493	28.27	116,206	21,497,693	87.27
2391- 2400	34	0.38	2,724	31.09	6,070	69.29	2,690	30.70	131,773	7,095,266	28.80	111,213	21,608,906	87.72
2401- 2410	33	0.37	2,757	31.47	6,036	68.90	2,724	31.09	117,862	7,213,128	29.28	99,022	21,707,928	88.13
2411- 2420	31	0.35	2,788	31.82	6,003	68.52	2,757	31.47	113,551	7,326,679	29.74	98,871	21,806,799	88.53

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2421- 2430	36	0.41	2,824	32.23	5,972	68.17	2,788	31.82	131,015	7,457,694	30.27	103,615	21,910,414	88.95
2431- 2440	39	0.44	2,863	32.68	5,936	67.76	2,824	32.23	129,100	7,586,794	30.80	93,690	22,004,104	89.33
2441- 2450	32	0.36	2,895	33.04	5,897	67.31	2,863	32.68	119,817	7,706,611	31.28	100,707	22,104,811	89.74
2451- 2460	33	0.37	2,928	33.42	5,865	66.95	2,895	33.04	127,618	7,834,229	31.80	105,418	22,210,229	90.16
2461- 2470	30	0.34	2,958	33.76	5,832	66.57	2,928	33.42	103,551	7,937,780	32.22	88,071	22,298,300	90.52
2471- 2480	33	0.37	2,991	34.14	5,802	66.23	2,958	33.76	116,391	8,054,171	32.69	92,901	22,391,201	90.90
2481- 2490	37	0.42	3,028	34.56	5,769	65.85	2,991	34.14	141,670	8,195,841	33.27	107,600	22,498,801	91.34
2491- 2500	46	0.52	3,074	35.09	5,732	65.43	3,028	34.56	189,662	8,385,503	34.04	132,442	22,631,243	91.87
2501- 2510	41	0.46	3,115	35.55	5,686	64.90	3,074	35.09	162,877	8,548,380	34.70	117,237	22,748,480	92.35
2511- 2520	35	0.39	3,150	35.95	5,645	64.44	3,115	35.55	148,393	8,696,773	35.30	116,993	22,865,473	92.82
2521- 2530	36	0.41	3,186	36.36	5,610	64.04	3,150	35.95	143,947	8,840,720	35.89	109,327	22,974,800	93.27
2531- 2540	37	0.42	3,223	36.79	5,574	63.63	3,186	36.36	157,237	8,997,957	36.52	119,367	23,094,167	93.75
2541- 2550	25	0.28	3,248	37.07	5,537	63.20	3,223	36.79	104,336	9,102,293	36.95	96,206	23,190,373	94.14
2551- 2560	31	0.35	3,279	37.43	5,512	62.92	3,248	37.07	130,318	9,232,611	37.48	106,388	23,296,761	94.58
2561- 2570	41	0.46	3,320	37.89	5,481	62.56	3,279	37.43	161,629	9,394,240	38.13	111,479	23,408,240	95.03
2571- 2580	40	0.45	3,360	38.35	5,440	62.10	3,320	37.89	175,109	9,569,349	38.84	126,709	23,534,949	95.54
2581- 2590	34	0.38	3,394	38.74	5,400	61.64	3,360	38.35	129,249	9,698,598	39.37	95,529	23,630,478	95.93
2591- 2600	40	0.45	3,434	39.20	5,366	61.25	3,394	38.74	160,986	9,859,584	40.02	111,046	23,741,524	96.38
2601- 2610	41	0.46	3,475	39.66	5,326	60.79	3,434	39.20	169,308	10,028,972	40.71	116,048	23,857,572	96.85
2611- 2620	37	0.42	3,512	40.09	5,285	60.33	3,475	39.66	156,968	10,185,940	41.35	113,248	23,970,820	97.31
2621- 2630	28	0.31	3,540	40.41	5,248	59.90	3,512	40.09	112,906	10,298,846	41.81	92,026	24,062,846	97.69
2631- 2640	31	0.35	3,571	40.76	5,220	59.58	3,540	40.41	118,560	10,417,406	42.29	89,230	24,152,076	98.05
2641- 2650	31	0.35	3,602	41.11	5,189	59.23	3,571	40.76	124,373	10,541,779	42.79	94,423	24,246,499	98.43
2651- 2660	39	0.44	3,641	41.56	5,158	58.88	3,602	41.11	140,796	10,682,575	43.36	89,026	24,335,525	98.79
2661- 2670	29	0.33	3,670	41.89	5,119	58.43	3,641	41.56	111,926	10,794,501	43.82	85,976	24,421,501	99.14
2671- 2680	43	0.49	3,713	42.38	5,090	58.10	3,670	41.89	184,664	10,979,165	44.57	120,754	24,542,255	99.63
2681- 2690	35	0.39	3,748	42.78	5,047	57.61	3,713	42.38	155,776	11,134,941	45.20	112,446	24,654,701	100.09
2691- 2700	31	0.35	3,779	43.13	5,012	57.21	3,748	42.78	140,166	11,275,107	45.77	106,896	24,761,597	100.52
2701- 2710	33	0.37	3,812	43.51	4,981	56.86	3,779	43.13	140,681	11,415,788	46.34	101,391	24,862,988	100.93
2711- 2720	27	0.30	3,839	43.82	4,948	56.48	3,812	43.51	116,789	11,532,577	46.82	93,099	24,956,087	101.31
2721- 2730	28	0.31	3,867	44.14	4,921	56.17	3,839	43.82	117,172	11,649,749	47.29	90,222	25,046,309	101.68
2731- 2740	26	0.29	3,893	44.44	4,893	55.85	3,867	44.14	112,158	11,761,907	47.75	90,108	25,136,417	102.04
2741- 2750	32	0.36	3,925	44.80	4,867	55.55	3,893	44.44	142,744	11,904,651	48.33	103,734	25,240,151	102.47
2751- 2760	38	0.43	3,963	45.23	4,835	55.19	3,925	44.80	159,871	12,064,522	48.97	103,721	25,343,872	102.89
2761- 2770	39	0.44	4,002	45.68	4,797	54.76	3,963	45.23	163,106	12,227,628	49.64	103,436	25,447,308	103.31
2771- 2780	34	0.38	4,036	46.07	4,758	54.31	4,002	45.68	149,863	12,377,491	50.25	103,263	25,550,571	103.73
2781- 2790	52	0.59	4,088	46.66	4,724	53.92	4,036	46.07	206,167	12,583,658	51.08	108,847	25,659,418	104.17
2791- 2800	45	0.51	4,133	47.18	4,672	53.33	4,088	46.66	190,071	12,773,729	51.85	111,241	25,770,659	104.62
2801- 2810	40	0.45	4,173	47.63	4,627	52.81	4,133	47.18	159,943	12,933,672	52.50	94,213	25,864,872	105.00
2811- 2820	49	0.55	4,222	48.19	4,587	52.36	4,173	47.63	213,960	13,147,632	53.37	122,140	25,987,012	105.50
2821- 2830	42	0.47	4,264	48.67	4,538	51.80	4,222	48.19	172,346	13,319,978	54.07	99,286	26,086,298	105.90
2831- 2840	45	0.51	4,309	49.18	4,496	51.32	4,264	48.67	178,658	13,498,636	54.80	96,266	26,182,566	106.29
2841- 2850	41	0.46	4,350	49.65	4,451	50.81	4,309	49.18	165,089	13,663,725	55.47	93,159	26,275,725	106.67
2851- 2860	47	0.53	4,397	50.19	4,410	50.34	4,350	49.65	202,807	13,866,532	56.29	112,957	26,388,682	107.13
2861- 2870	52	0.59	4,449	50.78	4,363	49.80	4,397	50.19	212,045	14,078,577	57.15	106,955	26,495,637	107.56
2871- 2880	45	0.51	4,494	51.30	4,311	49.21	4,449	50.78	178,294	14,256,871	57.88	92,254	26,587,891	107.94
2881- 2890	42	0.47	4,536	51.78	4,266	48.69	4,494	51.30	155,785	14,412,656	58.51	77,485	26,665,376	108.25
2891- 2900	52	0.59	4,588	52.37	4,224	48.21	4,536	51.78	231,659	14,644,315	59.45	123,619	26,788,995	108.75
2901- 2910	52	0.59	4,640	52.96	4,172	47.62	4,588	52.37	226,651	14,870,966	60.37	117,571	26,906,566	109.23
2911- 2920	54	0.61	4,694	53.58	4,120	47.03	4,640	52.96	236,129	15,107,095	61.33	120,189	27,026,755	109.72
2921- 2930	52	0.59	4,746	54.17	4,066	46.41	4,694	53.58	210,627	15,317,722	62.18	99,447	27,126,202	110.12
2931- 2940	44	0.50	4,790	54.68	4,014	45.82	4,746	54.17	179,093	15,496,815	62.91	90,313	27,216,515	110.49
2941- 2950	40	0.45	4,830	55.13	3,970	45.31	4,790	54.68	185,547	15,682,362	63.66	107,647	27,324,162	110.93
2951- 2960	61	0.69	4,891	55.83	3,930	44.86	4,830	55.13	251,222	15,933,584	64.68	110,572	27,434,734	111.37
2961- 2970	48	0.54	4,939	56.38	3,869	44.16	4,891	55.83	207,595	16,141,179	65.53	104,205	27,538,939	111.80

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
2971- 2980	51	0.58	4,990	56.96	3,821	43.61	4,939	56.38	226,147	16,367,326	66.44	112,887	27,651,826	112.26
2981- 2990	46	0.52	5,036	57.48	3,770	43.03	4,990	56.96	203,028	16,570,354	67.27	103,648	27,755,474	112.68
2991- 3000	61	0.69	5,097	58.18	3,724	42.51	5,036	57.48	260,597	16,830,951	68.33	115,447	27,870,921	113.15
3001- 3010	61	0.69	5,158	58.88	3,663	41.81	5,097	58.18	246,489	17,077,440	69.33	100,119	27,971,040	113.55
3011- 3020	58	0.66	5,216	59.54	3,602	41.11	5,158	58.88	256,308	17,333,748	70.37	117,748	28,088,788	114.03
3021- 3030	72	0.82	5,288	60.36	3,544	40.45	5,216	59.54	338,794	17,672,542	71.74	156,794	28,245,582	114.67
3031- 3040	70	0.79	5,358	61.16	3,472	39.63	5,288	60.36	318,772	17,991,314	73.04	141,392	28,386,974	115.24
3041- 3050	64	0.73	5,422	61.89	3,402	38.83	5,358	61.16	286,251	18,277,565	74.20	125,711	28,512,685	115.75
3051- 3060	59	0.67	5,481	62.56	3,338	38.10	5,422	61.89	253,615	18,531,180	75.23	107,045	28,619,730	116.19
3061- 3070	59	0.67	5,540	63.24	3,279	37.43	5,481	62.56	260,571	18,791,751	76.29	112,821	28,732,551	116.64
3071- 3080	67	0.76	5,607	64.00	3,220	36.75	5,540	63.24	304,394	19,096,145	77.52	130,904	28,863,455	117.18
3081- 3090	81	0.92	5,688	64.93	3,153	35.99	5,607	64.00	345,622	19,441,767	78.92	127,672	28,991,127	117.69
3091- 3100	66	0.75	5,754	65.68	3,072	35.06	5,688	64.93	287,810	19,729,577	80.09	114,590	29,105,717	118.16
3101- 3110	71	0.81	5,825	66.49	3,006	34.31	5,754	65.68	295,004	20,024,581	81.29	104,964	29,210,681	118.58
3111- 3120	52	0.59	5,877	67.08	2,935	33.50	5,825	66.49	239,908	20,264,489	82.26	107,538	29,318,219	119.02
3121- 3130	59	0.67	5,936	67.76	2,883	32.91	5,877	67.08	275,023	20,539,512	83.38	119,773	29,437,992	119.51
3131- 3140	50	0.57	5,986	68.33	2,824	32.23	5,936	67.76	216,345	20,755,857	84.26	88,085	29,526,077	119.87
3141- 3150	72	0.82	6,058	69.15	2,774	31.66	5,986	68.33	311,381	21,067,238	85.52	113,041	29,639,118	120.32
3151- 3160	61	0.69	6,119	69.85	2,702	30.84	6,058	69.15	293,428	21,360,666	86.72	128,298	29,767,416	120.85
3161- 3170	67	0.76	6,186	70.61	2,641	30.14	6,119	69.85	300,695	21,661,361	87.94	115,385	29,882,801	121.31
3171- 3180	59	0.67	6,245	71.28	2,574	29.38	6,186	70.61	276,296	21,937,657	89.06	115,006	29,997,807	121.78
3181- 3190	56	0.63	6,301	71.92	2,515	28.71	6,245	71.28	264,384	22,202,041	90.13	111,454	30,109,261	122.23
3191- 3200	62	0.70	6,363	72.63	2,459	28.07	6,301	71.92	309,971	22,512,012	91.39	136,781	30,246,042	122.79
3201- 3210	50	0.57	6,413	73.20	2,397	27.36	6,363	72.63	214,789	22,726,801	92.26	78,759	30,324,801	123.11
3211- 3220	61	0.69	6,474	73.90	2,347	26.79	6,413	73.20	302,243	23,029,044	93.49	129,903	30,454,704	123.64
3221- 3230	59	0.67	6,533	74.57	2,286	26.09	6,474	73.90	264,516	23,293,560	94.56	97,396	30,552,100	124.03
3231- 3240	44	0.50	6,577	75.07	2,227	25.42	6,533	74.57	216,720	23,510,280	95.44	96,870	30,648,970	124.42
3241- 3250	43	0.49	6,620	75.57	2,183	24.92	6,577	75.07	220,699	23,730,979	96.34	103,209	30,752,179	124.84
3251- 3260	52	0.59	6,672	76.16	2,140	24.42	6,620	75.57	240,914	23,971,893	97.32	93,314	30,845,493	125.22
3261- 3270	49	0.55	6,721	76.72	2,088	23.83	6,672	76.16	267,767	24,239,660	98.40	128,907	30,974,400	125.75
3271- 3280	44	0.50	6,765	77.22	2,039	23.27	6,721	76.72	245,673	24,485,333	99.40	122,183	31,096,583	126.24
3281- 3290	55	0.62	6,820	77.85	1,995	22.77	6,765	77.22	269,459	24,754,792	100.49	109,009	31,205,592	126.68
3291- 3300	38	0.43	6,858	78.28	1,940	22.14	6,820	77.85	210,928	24,965,720	101.35	105,308	31,310,900	127.11
3301- 3310	33	0.37	6,891	78.66	1,902	21.71	6,858	78.28	171,893	25,137,613	102.05	82,013	31,392,913	127.44
3311- 3320	32	0.36	6,923	79.02	1,869	21.33	6,891	78.66	175,757	25,313,370	102.76	88,527	31,481,440	127.80
3321- 3330	23	0.26	6,946	79.29	1,837	20.97	6,923	79.02	133,004	25,446,374	103.30	75,014	31,556,454	128.11
3331- 3340	39	0.44	6,985	79.73	1,814	20.70	6,946	79.29	223,472	25,669,846	104.21	111,742	31,668,196	128.56
3341- 3350	42	0.47	7,027	80.21	1,775	20.26	6,985	79.73	237,522	25,907,368	105.17	114,992	31,783,188	129.03
3351- 3360	22	0.25	7,049	80.46	1,733	19.78	7,027	80.21	124,174	26,031,542	105.68	67,804	31,850,992	129.30
3361- 3370	41	0.46	7,090	80.93	1,711	19.53	7,049	80.46	242,353	26,273,895	106.66	121,703	31,972,695	129.80
3371- 3380	37	0.42	7,127	81.35	1,670	19.06	7,090	80.93	199,163	26,473,058	107.47	91,173	32,063,868	130.17
3381- 3390	27	0.30	7,154	81.66	1,633	18.64	7,127	81.35	169,293	26,642,351	108.16	94,363	32,158,231	130.55
3391- 3400	26	0.29	7,180	81.96	1,606	18.33	7,154	81.66	159,629	26,801,980	108.81	87,549	32,245,780	130.91
3401- 3410	26	0.29	7,206	82.26	1,580	18.03	7,180	81.96	146,415	26,948,395	109.40	73,815	32,319,595	131.21
3411- 3420	26	0.29	7,232	82.55	1,554	17.73	7,206	82.26	157,118	27,105,513	110.04	83,998	32,403,593	131.55
3421- 3430	35	0.37	7,265	82.93	1,528	17.44	7,232	82.55	195,314	27,300,827	110.83	97,734	32,501,327	131.94
3431- 3440	26	0.29	7,291	83.23	1,495	17.06	7,265	82.93	158,019	27,458,846	111.47	83,789	32,585,116	132.28
3441- 3450	28	0.31	7,319	83.55	1,469	16.76	7,291	83.23	148,158	27,607,004	112.07	66,528	32,651,644	132.55
3451- 3460	31	0.35	7,350	83.90	1,441	16.44	7,319	83.55	186,599	27,793,603	112.83	94,059	32,745,703	132.94
3461- 3470	30	0.34	7,380	84.24	1,410	16.09	7,350	83.90	176,698	27,970,301	113.55	86,998	32,832,701	133.29
3471- 3480	31	0.35	7,411	84.60	1,380	15.75	7,380	84.24	187,718	28,158,019	114.31	93,948	32,926,649	133.67
3481- 3490	28	0.31	7,439	84.92	1,349	15.39	7,411	84.60	170,808	28,328,827	115.00	86,858	33,013,507	134.02
3491- 3500	29	0.33	7,468	85.25	1,321	15.07	7,439	84.92	185,248	28,514,075	115.76	97,248	33,110,755	134.42
3501- 3510	23	0.26	7,491	85.51	1,292	14.74	7,468	85.25	140,198	28,654,273	116.33	72,618	33,183,373	134.71
3511- 3520	27	0.30	7,518	85.82	1,269	14.48	7,491	85.51	172,246	28,826,519	117.03	90,166	33,273,539	135.08

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82

DATE 09/29/82
PAGE NO. 5

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
3521- 3530	21	0.23	7,539	86.06	1,242	14.17	7,518	85.82	126,971	28,953,490	117.54	65,471	33,339,010	135.35
3531- 3540	19	0.21	7,558	86.27	1,221	13.93	7,539	86.06	130,800	29,084,290	118.07	75,940	33,414,950	135.65
3541- 3550	23	0.26	7,581	86.54	1,202	13.72	7,558	86.27	145,406	29,229,696	118.66	76,006	33,490,956	135.96
3551- 3560	23	0.26	7,604	86.80	1,179	13.45	7,581	86.54	152,888	29,382,584	119.28	83,028	33,573,984	136.30
3561- 3570	24	0.27	7,628	87.07	1,156	13.19	7,604	86.80	160,430	29,543,014	119.93	86,550	33,660,534	136.65
3571- 3580	22	0.25	7,650	87.32	1,132	12.92	7,628	87.07	143,031	29,686,045	120.51	75,811	33,736,345	136.96
3581- 3590	17	0.19	7,667	87.52	1,110	12.67	7,650	87.32	111,160	29,797,205	120.97	61,400	33,797,745	137.21
3591- 3600	26	0.29	7,693	87.81	1,093	12.47	7,667	87.52	172,611	29,969,816	121.67	90,201	33,887,946	137.57
3601- 3610	23	0.26	7,716	88.08	1,067	12.18	7,693	87.81	155,047	30,124,863	122.30	82,917	33,970,863	137.91
3611- 3620	26	0.29	7,742	88.37	1,044	11.91	7,716	88.08	173,527	30,298,390	123.00	90,107	34,060,970	138.28
3621- 3630	21	0.23	7,763	88.61	1,018	11.62	7,742	88.37	152,286	30,450,676	123.62	86,446	34,147,416	138.63
3631- 3640	21	0.23	7,784	88.85	997	11.38	7,763	88.61	145,465	30,596,141	124.21	79,205	34,226,621	138.95
3641- 3650	24	0.27	7,808	89.13	976	11.14	7,784	88.85	171,316	30,767,457	124.91	93,716	34,320,337	139.33
3651- 3660	17	0.19	7,825	89.32	952	10.86	7,808	89.13	113,283	30,880,740	125.36	60,753	34,381,090	139.58
3661- 3670	19	0.21	7,844	89.54	935	10.67	7,825	89.32	131,962	31,012,702	125.90	71,772	34,452,862	139.87
3671- 3680	21	0.23	7,865	89.78	916	10.45	7,844	89.54	150,635	31,163,337	126.51	82,725	34,535,587	140.20
3681- 3690	13	0.14	7,878	89.93	895	10.21	7,865	89.78	88,441	31,251,778	126.87	49,551	34,585,138	140.40
3691- 3700	26	0.29	7,904	90.22	882	10.06	7,878	89.93	181,055	31,432,833	127.61	93,935	34,679,073	140.79
3701- 3710	23	0.26	7,927	90.49	856	9.77	7,904	90.22	151,916	31,584,749	128.22	75,376	34,754,449	141.09
3711- 3720	25	0.28	7,952	90.77	833	9.50	7,927	90.49	178,331	31,763,080	128.95	93,911	34,848,360	141.47
3721- 3730	14	0.15	7,966	90.93	808	9.22	7,952	90.77	104,318	31,867,398	129.37	60,318	34,908,678	141.72
3731- 3740	18	0.20	7,984	91.14	794	9.06	7,966	90.93	127,045	31,994,443	129.89	67,845	34,976,523	141.99
3741- 3750	18	0.20	8,002	91.34	776	8.85	7,984	91.14	131,120	32,125,563	130.42	71,560	35,048,083	142.28
3751- 3760	17	0.19	8,019	91.54	758	8.65	8,002	91.34	127,660	32,253,223	130.94	71,490	35,119,573	142.57
3761- 3770	18	0.20	8,037	91.74	741	8.45	8,019	91.54	128,033	32,381,256	131.46	67,763	35,187,336	142.85
3771- 3780	20	0.22	8,057	91.97	723	8.25	8,037	91.74	147,259	32,528,515	132.05	79,089	35,266,425	143.17
3781- 3790	20	0.22	8,077	92.20	703	8.02	8,057	91.97	147,688	32,676,203	132.65	79,118	35,345,543	143.49
3791- 3800	18	0.20	8,095	92.40	683	7.79	8,077	92.20	129,053	32,805,256	133.18	67,663	35,413,206	143.77
3801- 3810	24	0.27	8,119	92.68	665	7.59	8,095	92.40	175,040	32,980,296	133.89	90,490	35,503,696	144.13
3811- 3820	15	0.17	8,134	92.85	641	7.31	8,119	92.68	110,660	33,090,956	134.34	59,920	35,563,616	144.38
3821- 3830	20	0.22	8,154	93.08	626	7.14	8,134	92.85	149,216	33,240,172	134.94	79,076	35,642,692	144.70
3831- 3840	14	0.15	8,168	93.24	606	6.91	8,154	93.08	99,770	33,339,942	135.35	52,210	35,694,902	144.91
3841- 3850	14	0.15	8,182	93.40	592	6.75	8,168	93.24	107,668	33,447,610	135.79	59,828	35,754,730	145.15
3851- 3860	14	0.15	8,196	93.56	578	6.59	8,182	93.40	107,942	33,555,552	136.22	59,822	35,814,552	145.40
3861- 3870	23	0.26	8,219	93.82	564	6.43	8,196	93.56	170,125	33,725,677	136.91	86,985	35,901,537	145.75
3871- 3880	11	0.12	8,230	93.94	541	6.17	8,219	93.82	85,254	33,810,931	137.26	48,094	35,949,631	145.94
3881- 3890	17	0.19	8,247	94.14	530	6.05	8,230	93.94	124,366	33,935,297	137.77	63,706	36,013,337	146.20
3891- 3900	11	0.12	8,258	94.26	513	5.85	8,247	94.14	81,789	34,017,086	138.10	44,129	36,057,466	146.38
3901- 3910	19	0.21	8,277	94.48	502	5.73	8,258	94.26	144,484	34,161,570	138.68	75,404	36,132,870	146.69
3911- 3920	25	0.28	8,302	94.77	483	5.51	8,277	94.48	187,906	34,349,476	139.45	94,986	36,227,856	147.07
3921- 3930	14	0.15	8,316	94.93	458	5.22	8,302	94.77	105,983	34,455,459	139.88	55,683	36,283,539	147.30
3931- 3940	18	0.20	8,334	95.13	444	5.06	8,316	94.93	137,744	34,593,203	140.44	71,444	36,354,983	147.59
3941- 3950	15	0.17	8,349	95.30	426	4.86	8,334	95.13	110,493	34,703,696	140.89	55,653	36,410,636	147.82
3951- 3960	9	0.10	8,358	95.41	411	4.69	8,349	95.30	67,245	34,770,941	141.16	35,805	36,446,441	147.96
3961- 3970	14	0.15	8,372	95.57	402	4.58	8,358	95.41	111,044	34,881,985	141.61	59,624	36,506,065	148.20
3971- 3980	15	0.17	8,387	95.74	388	4.42	8,372	95.57	115,311	34,997,296	142.08	59,641	36,565,706	148.44
3981- 3990	10	0.11	8,397	95.85	373	4.25	8,387	95.74	79,722	35,077,018	142.40	43,652	36,609,358	148.62
3991- 4000	15	0.17	8,412	96.02	363	4.14	8,397	95.85	119,838	35,196,856	142.89	63,618	36,672,976	148.88
4001- 4010	11	0.12	8,423	96.15	348	3.97	8,412	96.02	88,126	35,284,982	143.25	47,606	36,720,582	149.07
4011- 4020	6	0.06	8,429	96.22	337	3.84	8,423	96.15	48,198	35,333,180	143.44	27,508	36,748,090	149.19
4021- 4030	7	0.07	8,436	96.30	331	3.77	8,429	96.22	56,366	35,389,546	143.67	31,536	36,779,626	149.31
4031- 4040	12	0.13	8,448	96.43	324	3.69	8,436	96.30	96,844	35,486,390	144.06	51,724	36,831,350	149.52
4041- 4050	13	0.14	8,461	96.58	312	3.56	8,448	96.43	105,204	35,591,594	144.49	55,804	36,887,154	149.75
4051- 4060	8	0.09	8,469	96.67	299	3.41	8,461	96.58	60,836	35,652,430	144.74	31,426	36,918,580	149.88
4061- 4070	12	0.13	8,481	96.81	291	3.32	8,469	96.67	97,574	35,750,004	145.13	51,764	36,970,344	150.09

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82

DATE 09/29/82

WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
4071- 4080	9	0.10	8,490	96.91	279	3.18	8,481	96.81	73,350	35,823,354	145.43	39,510	37,009,854	150.25
4081- 4090	4	0.04	8,494	96.96	270	3.08	8,490	96.91	32,664	35,856,018	145.56	19,044	37,028,898	150.33
4091- 4100	7	0.07	8,501	97.04	266	3.03	8,494	96.96	57,338	35,913,356	145.80	31,368	37,060,266	150.45
4101- 4110	9	0.10	8,510	97.14	259	2.95	8,501	97.04	73,916	35,987,272	146.10	39,606	37,099,872	150.61
4111- 4120	10	0.11	8,520	97.26	250	2.85	8,510	97.14	78,197	36,065,469	146.41	39,597	37,139,469	150.77
4121- 4130	10	0.11	8,530	97.37	240	2.73	8,520	97.26	82,500	36,147,969	146.75	43,700	37,183,169	150.95
4131- 4140	12	0.13	8,542	97.51	230	2.62	8,530	97.37	99,258	36,247,227	147.15	51,998	37,235,167	151.16
4141- 4150	8	0.09	8,550	97.60	218	2.48	8,542	97.51	66,340	36,313,567	147.42	35,400	37,270,567	151.31
4151- 4160	7	0.07	8,557	97.68	210	2.39	8,550	97.60	58,146	36,371,713	147.66	31,196	37,301,763	151.43
4161- 4170	7	0.07	8,564	97.76	203	2.31	8,557	97.68	58,318	36,430,031	147.89	31,228	37,332,991	151.56
4171- 4180	7	0.07	8,571	97.84	196	2.23	8,564	97.76	58,482	36,488,513	148.13	31,252	37,364,243	151.69
4181- 4190	7	0.07	8,578	97.92	189	2.15	8,571	97.84	50,237	36,538,750	148.34	22,867	37,387,110	151.78
4191- 4200	6	0.06	8,584	97.99	182	2.07	8,578	97.92	50,340	36,589,090	148.54	27,020	37,414,130	151.89
4201- 4210	7	0.07	8,591	98.07	176	2.00	8,584	97.99	54,663	36,643,753	148.76	27,023	37,441,153	152.00
4211- 4220	8	0.09	8,599	98.16	169	1.92	8,591	98.07	67,438	36,711,191	149.04	35,448	37,476,601	152.14
4221- 4230	4	0.04	8,603	98.20	161	1.83	8,599	98.16	33,800	36,744,991	149.17	18,530	37,495,131	152.22
4231- 4240	7	0.07	8,610	98.28	157	1.79	8,603	98.20	59,330	36,804,321	149.41	31,290	37,526,421	152.35
4241- 4250	12	0.13	8,622	98.42	150	1.71	8,610	98.28	101,900	36,906,221	149.83	52,520	37,578,941	152.56
4251- 4260	10	0.11	8,632	98.53	138	1.57	8,622	98.42	85,100	36,991,321	150.17	43,980	37,622,921	152.74
4261- 4270	7	0.07	8,639	98.61	128	1.46	8,632	98.53	59,716	37,051,037	150.42	31,176	37,654,097	152.86
4271- 4280	1	0.01	8,640	98.63	121	1.38	8,639	98.61	8,544	37,059,581	150.45	5,484	37,659,581	152.89
4281- 4290	6	0.06	8,646	98.69	120	1.36	8,640	98.63	51,420	37,111,001	150.66	26,940	37,686,521	153.00
4291- 4300	3	0.03	8,649	98.73	114	1.30	8,646	98.69	25,778	37,136,779	150.76	14,048	37,700,569	153.05
4301- 4310	4	0.04	8,653	98.77	111	1.26	8,649	98.73	34,442	37,171,221	150.90	18,352	37,718,921	153.13
4311- 4320	6	0.06	8,659	98.84	107	1.22	8,653	98.77	51,804	37,223,025	151.11	27,014	37,745,935	153.24
4321- 4330	6	0.06	8,665	98.91	101	1.15	8,659	98.84	51,898	37,274,923	151.32	26,988	37,772,923	153.35
4331- 4340	6	0.06	8,671	98.98	95	1.08	8,665	98.91	52,158	37,327,081	151.54	27,068	37,800,941	153.46
4341- 4350	5	0.05	8,676	99.04	89	1.01	8,671	98.98	43,538	37,370,619	151.71	22,678	37,823,619	153.55
4351- 4360	4	0.04	8,680	99.08	84	0.95	8,676	99.04	34,938	37,405,557	151.85	18,338	37,841,957	153.63
4361- 4370	3	0.03	8,683	99.12	80	0.91	8,680	99.08	26,240	37,431,797	151.96	13,930	37,855,887	153.68
4371- 4380	2	0.02	8,685	99.14	77	0.87	8,683	99.12	17,536	37,449,333	152.03	9,546	37,865,433	153.72
4381- 4390	2	0.02	8,685	99.14	75	0.85	8,685	99.14	26,390	37,475,723	152.14	13,970	37,879,403	153.78
4391- 4400	3	0.03	8,688	99.17	72	0.82	8,688	99.17	44,054	37,519,777	152.32	22,774	37,902,177	153.87
4401- 4410	5	0.05	8,693	99.23	67	0.76	8,693	99.23	8,830	37,528,607	152.35	5,090	37,907,267	153.89
4411- 4420	1	0.01	8,694	99.24	66	0.75	8,694	99.24	44,272	37,572,879	152.53	22,832	37,930,099	153.98
4421- 4430	5	0.05	8,699	99.30	61	0.69	8,699	99.30	17,756	37,590,635	152.61	9,506	37,939,605	154.02
4431- 4440	2	0.02	8,701	99.32	59	0.67	8,701	99.32	8,908	37,599,543	152.64	5,048	37,945,243	154.05
4451- 4460	1	0.01	8,702	99.33	58	0.66	8,702	99.33	8,962	37,608,505	152.68	5,062	37,951,465	154.07
4481- 4490	1	0.01	8,703	99.34	57	0.65	8,703	99.34	17,974	37,626,479	152.75	9,564	37,961,029	154.11
4491- 4500	2	0.02	8,705	99.37	55	0.62	8,705	99.37	36,046	37,662,525	152.90	18,596	37,979,625	154.19
4501- 4510	4	0.04	8,709	99.41	51	0.58	8,709	99.41	36,108	37,698,633	153.04	18,578	37,998,203	154.26
4511- 4520	4	0.04	8,713	99.46	47	0.53	8,713	99.46	9,044	37,707,677	153.08	4,994	38,003,197	154.28
4521- 4530	1	0.01	8,714	99.47	46	0.52	8,714	99.47	27,220	37,734,897	153.19	14,090	38,017,287	154.34
4531- 4540	3	0.03	8,717	99.50	43	0.49	8,717	99.50	36,366	37,771,263	153.34	18,636	38,035,923	154.41
4541- 4550	4	0.04	8,721	99.55	39	0.44	8,721	99.55	18,252	37,789,515	153.41	9,522	38,045,835	154.45
4561- 4570	2	0.02	8,723	99.57	37	0.42	8,723	99.57	9,152	37,798,667	153.45	4,952	38,050,787	154.47
4571- 4580	1	0.01	8,724	99.58	36	0.41	8,724	99.58	9,166	37,807,833	153.49	4,946	38,055,733	154.49
4581- 4590	1	0.01	8,725	99.60	35	0.39	8,725	99.60	9,214	37,817,047	153.53	4,964	38,061,047	154.52
4601- 4610	1	0.01	8,726	99.61	34	0.38	8,726	99.61	9,222	37,826,269	153.56	4,952	38,065,999	154.54
4611- 4620	1	0.01	8,727	99.62	33	0.37	8,727	99.62	9,246	37,835,515	153.60	4,956	38,070,955	154.56
4621- 4630	1	0.01	8,728	99.63	32	0.36	8,728	99.63	9,272	37,844,787	153.64	4,962	38,075,917	154.58
4631- 4640	1	0.01	8,729	99.64	31	0.35	8,729	99.64	27,948	37,872,735	153.75	14,308	38,090,535	154.64
4651- 4660	3	0.03	8,732	99.68	28	0.31	8,732	99.68	9,376	37,882,111	153.79	4,976	38,095,071	154.66
4681- 4690	1	0.01	8,733	99.69	27	0.30	8,733	99.69	9,394	37,891,505	153.83	4,974	38,101,045	154.68
4691- 4700	1	0.01	8,734	99.70	26	0.29	8,734	99.70	9,412	37,900,917	153.87	4,972	38,106,017	154.70
4701- 4710	1	0.01	8,735	99.71										

PENNSYLVANIA POWER AND LIGHT COMPANY
PL COMPANY HOURLY LOAD OCCURRENCES
08-01-81 TO 07-31-82
WEEKDAYS USED:MON,TUE,WED,THU,FRI,SAT,SUN,HOL
HOURS USED:AM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12
PM: 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12

MW LOAD RANGE	HOURS IN LOAD RANGE NUMBER	%	CUMULATIVE HOURS NUMBER	%	HOURS IN OR ABOVE RANGE NUMBER	%	HOURS BELOW RANGE NUMBER	%	ENERGY IN RANGE (INT // TO X AXIS	CUMULATIVE ENERGY IN RANGE MWH	%	ENERGY IN BAND (INT // TO Y AXIS	CUMULATIVE ENERGY IN BANDS MWH	%
4741- 4750	1	0.01	8,736	99.72	25	0.28	8,735	99.71	9,486	37,910,403	153.90	4,996	38,111,763	154.72
4751- 4760	2	0.02	8,738	99.74	24	0.27	8,736	99.72	19,026	37,929,429	153.98	9,766	38,121,529	154.76
4781- 4790	1	0.01	8,739	99.76	22	0.25	8,738	99.74	9,576	37,939,005	154.02	5,016	38,126,985	154.78
4791- 4800	1	0.01	8,740	99.77	21	0.23	8,739	99.76	9,590	37,948,595	154.06	5,010	38,131,995	154.80
4801- 4810	2	0.02	8,742	99.79	20	0.22	8,740	99.77	19,222	37,967,817	154.14	9,822	38,141,817	154.84
4861- 4870	1	0.01	8,743	99.80	18	0.20	8,742	99.79	9,738	37,977,555	154.18	5,058	38,147,775	154.87
4871- 4880	1	0.01	8,744	99.81	17	0.19	8,743	99.80	9,742	37,987,297	154.22	5,042	38,152,817	154.89
4891- 4900	1	0.01	8,745	99.82	16	0.18	8,744	99.81	9,794	37,997,091	154.26	5,064	38,158,041	154.91
4911- 4920	2	0.02	8,747	99.85	15	0.17	8,745	99.82	19,650	38,016,741	154.34	9,980	38,168,171	154.95
4931- 4940	1	0.01	8,748	99.86	13	0.14	8,747	99.85	9,862	38,026,603	154.38	5,062	38,173,363	154.97
4951- 4960	2	0.02	8,750	99.88	12	0.13	8,748	99.86	19,814	38,046,417	154.46	10,034	38,183,517	155.01
4991- 5000	1	0.01	8,751	99.89	10	0.11	8,750	99.88	9,984	38,056,401	154.50	5,094	38,188,911	155.03
5031- 5040	1	0.01	8,752	99.90	9	0.10	8,751	99.89	10,064	38,066,465	154.54	5,124	38,194,305	155.06
5041- 5050	1	0.01	8,753	99.92	8	0.09	8,752	99.90	10,098	38,076,563	154.58	5,138	38,199,443	155.08
5051- 5060	1	0.01	8,754	99.93	7	0.07	8,753	99.92	10,104	38,086,667	154.62	5,124	38,204,567	155.10
5061- 5070	2	0.02	8,756	99.95	6	0.06	8,754	99.93	20,258	38,106,925	154.70	10,198	38,214,765	155.14
5121- 5130	2	0.02	8,758	99.97	4	0.04	8,756	99.95	20,512	38,127,437	154.79	10,312	38,225,277	155.18
5141- 5150	1	0.01	8,759	99.98	2	0.02	8,758	99.97	10,288	38,137,725	154.83	5,168	38,230,465	155.20
5201- 5210	1	0.01	8,760	100.00	1	0.01	8,759	99.98	10,414	38,148,139	154.87	5,224	38,235,739	155.22

TOTAL NUMBER OF HOURS IN STUDY IS 8,760

TOTAL MWH IN STUDY IS 24,631,696

PEAK MWH OF 5207 OCCURRED ON 01-11-82 AT 11 AM

Q. 20. Provide a 12-month billing history for the 100 largest customers on each residential rate schedule.

a. Include, if any, measured kW demand test data.

b. Distinguish customers as to "pure" residential, and those residential customers who engage in business or farm activities on the premises.

A. 20. The monthly billing histories for the 100 largest customers on the residential rates for twelve months ended July 31, 1982 are shown on Attachment IV-C-20 as follows:

Rate schedule RS pages 1 - 8.
Rate schedule RX pages 9 - 15.
Rate schedule RTS pages 16 - 17.

a. Where measured kW demand data is available, it is provided in the BKW line.

b. To distinguish between farm and "pure" residential customers a revenue class code is used as follows:

REV CL	
01	Residential not all Electric
02	Farm not all Electric
03	Residential all Electric
04	Farm all Electric

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	CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	TOTAL KWH 1113350	REVENUE	52,366.73	RS	03												
				KWH		96600	102180	95800	52220	86620	114820	132580	120400	91240	74340	75000	71450
				BKW		200.0	198.0	207.0	148.0	221.0	272.0	378.0	281.0	276.0	206.0	170.0	167.0
2	TOTAL KWH 1048630	REVENUE	48,088.47	RS	02												
				KWH		121570	123380	106040	73620	64940	63930	55890	59390	67710	82530	104740	124890
				BKW		254.0	254.0	254.0	203.0	172.0	152.0	153.0	157.0	185.0	232.0	242.0	235.0
3	TOTAL KWH 663480	REVENUE	31,379.21	RS	02												
				KWH		65720	65000	49950	45350	46720	50390	48540	39770	50160	58240	63300	80340
				BKW						132.0	120.0	121.0	135.0	133.0	154.0	151.0	162.0
4	TOTAL KWH 527600	REVENUE	24,891.14	RS	01												
				KWH		49660	54720	42940	36900	44210	36390	36880	36510	35450	42460	57070	54410
				BKW						81.0	85.0	85.0	88.0	107.0	124.0	120.0	127.0
5	TOTAL KWH 517360	REVENUE	24,339.16	RS	02												
				KWH		40480	39080	36200	32560	34500	44180	50060	50760	49700	47920	47680	44240
				BKW				75.0	79.0	70.0	116.0	119.0	93.0	116.0	122.0	115.0	105.0
6	TOTAL KWH 510830	REVENUE	23,831.87	RS	02												
				KWH		66480	58150	43080	36990	33500	37290	33590	35830	35700	33260	44890	52070
				BKW					100.0	91.0	92.0	92.0	91.0	93.0	121.0	132.0	141.0
7	TOTAL KWH 507530	REVENUE	24,236.94	RS	02												
				KWH		54080	50330	42720	42100	30830	39630	22990	29500	37810	42800	51100	63640
				BKW											121.0	145.0	145.0
8	TOTAL KWH 507300	REVENUE	23,106.00	RS	02												
				KWH		52210	51520	41810	45690	39780	42180	39200	34220	35080	36670	45870	43070
				BKW					76.0	80.0	71.0	77.0	74.0	66.0	89.0	88.0	85.0
9	TOTAL KWH 473030	REVENUE	22,656.88	RS	02												
				KWH		41880	43500	37540	45660	38710	36840	40780	36520	36800	37400	36440	40960
				BKW						92.0	100.0	100.0	100.0	102.0	98.0	99.0	107.0
10	TOTAL KWH 455190	REVENUE	20,772.48	RS	02												
				KWH		34780	31270	34160	42180	41490	45470	38960	42360	37530	36950	35220	34820
				BKW				82.0	88.0	85.0	93.0	88.0	87.0	85.0	87.0	80.0	82.0
11	TOTAL KWH 416390	REVENUE	19,785.61	RS	03												
				KWH		27440	22760	29700	41420	51480	51270	47140	39420	33320	16260	27400	28780
				BKW							108.0	110.0	104.0	100.0	100.0	94.0	110.0
12	TOTAL KWH 412450	REVENUE	18,901.74	RS	02												
				KWH		39420	34540	31080	33580	32190	36870	34160	31270	32950	31790	34560	40040
				BKW			80.0	80.0	69.0	71.0	71.0	68.0	69.0	68.0	73.0	75.0	80.0
13	TOTAL KWH 409620	REVENUE	19,695.00	RS	04												
				KWH		40580	37290	26240	32020	43220	40080	37610	31540	29080	26250	30220	35490

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14				RS	04													
TOTAL KWH	398680	REVENUE	18,610.96			KWH	35570	35340	34410	30670	33650	35710	37630	30720	28760	27710	31200	37310
						BKW	94.0	91.0	94.0	86.0	85.0	92.0	96.0	94.0	82.0	79.0	95.0	92.0
15				RS	02													
TOTAL KWH	392450	REVENUE	18,075.65			KWH	29760	30040	31950	27190	34880	38960	37370	35490	33310	32220	28390	32890
						BKW				99.0	75.0	78.0	79.0	98.0	71.0	73.0	65.0	64.0
16				RS	04													
TOTAL KWH	384850	REVENUE	18,397.88			KWH	2870	13930	24190	31820	34730	35250	38390	35430	36250	43280	43390	45320
						BKW	51.0	50.0	74.0	76.0	81.0	83.0	79.0	96.0	95.0	94.0	98.0	99.0
17				RS	04													
TOTAL KWH	383040	REVENUE	17,423.86			KWH	35660	30590	25850	33030	29390	32780	28920	32380	32160	30240	36330	35710
						BKW				61.0	61.0	64.0	59.0	62.0	62.0	64.0	67.0	71.0
18				RS	02													
TOTAL KWH	377340	REVENUE	17,866.81			KWH	41930	44900	39960	13140	24830	28490	24160	26820	29280	28450	34480	40900
						BKW									99.0	98.0	107.0	111.0
19				RS	04													
TOTAL KWH	373820	REVENUE	17,585.38			KWH	37850	38030	31740	30640	28820	30740	26820	25800	26540	23740	31180	41920
						BKW							70.0	75.0	74.0	71.0	82.0	86.0
20				RS	02													
TOTAL KWH	372870	REVENUE	17,688.24			KWH	37420	39750	28250	24080	29070	27720	27230	24400	26470	31900	35200	41380
						BKW			81.0	79.0	87.0	70.0	71.0	66.0	84.0	94.0	91.0	103.0
21				RS	02													
TOTAL KWH	370140	REVENUE	17,260.60			KWH	30540	35060	29890	36160	42200	28610	22000	23000	29470	29590	32880	30740
						BKW			99.0	114.0	144.0	135.0	118.0	122.0	125.0	117.0	101.0	96.0
22				RS	02													
TOTAL KWH	365670	REVENUE	17,138.13			KWH	31760	34200	30200	30420	26700	30480	27290	28360	31760	29620	31780	33100
						BKW							61.0	68.0	65.0	68.0	100.0	72.0
23				RS	04													
TOTAL KWH	355980	REVENUE	17,980.91			KWH	6260	13120	15850	21000	24210	35410	47700	39830	44580	34610	34260	39150
						BKW	25.0	36.0	45.0	52.0	52.0	52.0	81.0	101.0	83.0	73.0	76.0	73.0
24				RS	04													
TOTAL KWH	331080	REVENUE	15,157.13			KWH	32780	38520	27980	21990	24320	28500	23870	24780	24070	22720	27240	34310
						BKW				53.0	52.0	55.0	57.0	57.0	55.0	56.0	61.0	66.0
25				RS	04													
TOTAL KWH	318930	REVENUE	15,227.03			KWH	26720	30110	23790	24630	24940	26440	28060	27340	25480	26640	27760	27020
						BKW									99.0	99.0	65.0	60.0
26				RS	02													
TOTAL KWH	309300	REVENUE	14,148.89			KWH	34420	33380	27590	22460	22450	20370	19130	22240	21590	24950	31600	29120
						BKW				51.0	57.0	37.0	48.0	48.0	52.0	54.0	61.0	60.0

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27			RS	02	KWH	35490	30300	29050	24690	24510	25080	20770	21790	20720	23330	25260	25650
TOTAL KWH	306640	REVENUE	14,275.47		BKW								60.0	55.0	71.0	72.0	79.0
28			RS	04	KWH	39160	39640	34540	24140	25240	21980	17440	19500	20160	24340	13780	25640
TOTAL KWH	305560	REVENUE	13,613.20		BKW			66.0	61.0	46.0	46.0	44.0	50.0	52.0	53.0	54.0	67.0
29			RS	02	KWH	26550	31280	24500	28550	19800	27290	27500	23200	24470	20870	25330	22840
TOTAL KWH	302180	REVENUE	14,085.22		BKW									53.0	53.0	39.0	67.0
30			RS	02	KWH	30770	31920	23980	21690	25800	10860	25360	18930	21200	23590	25980	38340
TOTAL KWH	298420	REVENUE	14,257.24		BKW					80.0	105.0	105.0	105.0	89.0	92.0	100.0	105.0
31			RS	02	KWH	37150	37660	26350	21190	24430	16030	21800	15830	17940	19960	24820	33760
TOTAL KWH	296920	REVENUE	13,929.03		BKW							68.0	65.0	60.0	68.0	75.0	83.0
32			RS	04	KWH	20240	25380	24520	25930	23190	31800	29280	24120	23260	20780	20060	24030
TOTAL KWH	292590	REVENUE	14,154.21		BKW		90.0	84.0	71.0	86.0	98.0	88.0	80.0	71.0	63.0	63.0	79.0
33			RS	02	KWH	32700	0	56580	24410	20610	21980	19250	19260	21930	12670	26160	33530
TOTAL KWH	289080	REVENUE	13,671.13		BKW						67.3	60.0	52.0	58.0	63.0	64.0	72.0
34			RS	02	KWH	32933	34444	26452	22822	22393	19340	20560	18740	18450	22730	23560	26520
TOTAL KWH	288944	REVENUE	13,439.71		BKW					58.0	54.0	53.0	49.0	52.0	55.0	62.0	67.0
35			RS	04	KWH	32000	28180	25210	23270	24240	20170	20420	21630	19970	24220	23570	23150
TOTAL KWH	286030	REVENUE	13,392.55		BKW				68.0	68.0	63.0	64.0	58.0	62.0	66.0	69.0	77.0
36			RS	04	KWH	25220	25320	26110	22730	28240	26970	23980	22210	19640	18750	22050	24240
TOTAL KWH	285460	REVENUE	13,563.54		BKW			79.0	72.0	68.0	72.0	64.0	63.0	60.0	64.0	72.0	73.0
37			RS	02	KWH	13140	14170	14900	20570	23710	26370	26400	24220	28020	28580	31170	33370
TOTAL KWH	284620	REVENUE	14,004.04		BKW	36.0	40.0	47.0	53.0	53.0	58.0	56.0	55.0	59.0	64.0	65.0	64.0
38			RS	02	KWH	24350	30070	23300	22850	22770	20340	17260	18620	20400	25370	28160	23820
TOTAL KWH	277310	REVENUE	13,163.47		BKW			59.0	68.0	65.0	66.0	57.0	61.0	61.0	66.0	73.0	69.0
39			RS	04	KWH	29300	27790	22440	19180	20010	20460	18590	17990	18910	20530	24160	31240
TOTAL KWH	270600	REVENUE	12,742.21		BKW									44.0	47.0	54.0	61.0

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40				RS	02												
TOTAL KWH	269900	REVENUE	12,671.84		KWH	31230	26320	17950	18270	21840	18850	20150	17370	21800	20260	26910	28950
					BKW		65.0	60.0	50.0	49.0	49.0	52.0	51.0	48.0	59.0	59.0	68.0
41				RS	04												
TOTAL KWH	268330	REVENUE	12,490.73		KWH	30450	26850	24920	19440	20110	20610	19760	21320	19220	19220	23310	23120
					BKW							58.0	57.0	56.0	52.0	56.0	55.0
42				RS	03												
TOTAL KWH	264960	REVENUE	12,708.89		KWH	24660	23240	23580	23920	20120	21500	20610	18040	20090	23340	29080	16780
					BKW					66.0	66.0	64.0	63.0	66.0	74.0	73.0	70.0
43				RS	04												
TOTAL KWH	263680	REVENUE	12,380.27		KWH	30480	30230	22610	23840	20940	17720	14620	16440	17080	19960	24180	25580
					BKW							58.0	64.0	66.0	68.0	72.0	84.0
44				RS	02												
TOTAL KWH	260250	REVENUE	11,748.49		KWH	26370	29360	22080	28600	19330	18480	18670	18550	16130	16070	21310	25300
					BKW		50.0	49.0	58.0	47.0	40.0	39.0	42.0	40.0	41.0	45.0	48.0
45				RS	01												
TOTAL KWH	257520	REVENUE	12,181.73		KWH	25390	27240	20910	19160	18840	14040	20100	17360	17990	21870	26770	27850
					BKW							52.0	41.0	41.0	46.0	53.0	530.0
46				RS	04												
TOTAL KWH	254840	REVENUE	11,994.97		KWH	32900	16110	25430	15490	23010	20770	22090	18410	21720	14330	25870	18710
					BKW								44.0	54.0	42.0	60.0	52.0
47				RS	02												
TOTAL KWH	252120	REVENUE	12,166.33		KWH	23730	22190	20160	17530	18010	22210	20920	16050	19450	19450	25180	27240
					BKW							72.0	75.0	81.0	79.0	77.0	84.0
48				RS	02												
TOTAL KWH	248580	REVENUE	11,503.20		KWH	26320	28000	23950	18730	18410	21770	28050	7380	16960	17750	18410	22850
49				RS	02												
TOTAL KWH	239850	REVENUE	10,757.66		KWH	15510	18940	19850	19210	22650	25220	23440	22910	20700	21440	14430	15550
					BKW			45.0	42.0	44.0	50.0	49.0	45.0	42.0	39.0	37.0	34.0
50				RS	04												
TOTAL KWH	239700	REVENUE	11,490.83		KWH	19620	17540	16950	16880	22730	23560	24470	24730	19300	15050	18610	20260
					BKW					65.0	71.0	73.0	67.0	61.0	61.0	68.0	70.0
51				RS	02												
TOTAL KWH	238940	REVENUE	11,239.95		KWH	26400	27380	19130	18880	21770	15480	18590	12400	14120	17690	20770	26330
					BKW									49.0	58.0	58.0	61.0
52				RS	04												
TOTAL KWH	228570	REVENUE	11,023.07		KWH	23690	14880	15330	16870	21820	20360	18440	17920	16480	16720	20260	25800
					BKW				55.0	64.0	65.0	56.0	53.0	60.0	62.0	62.0	60.0
53				RS	04												
TOTAL KWH	227620	REVENUE	10,708.36		KWH	22780	23160	19300	16350	18830	18160	20120	19560	18150	15730	16890	18570
					BKW			43.0	59.0	55.0	52.0	72.0	52.0	55.0	58.0	55.0	56.0

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54				RS	01												
TOTAL KWH	224880	REVENUE	10,539.50		KWH	29210	21450	19280	16260	15060	17240	13090	13000	15240	17330	21750	25970
					BKW							39.0	46.0	45.0	57.0	51.0	54.0
55				RS	02												
TOTAL KWH	223080	REVENUE	10,442.99		KWH	23610	21150	28580	22510	17470	14560	13460	14810	13270	13530	17140	22990
					BKW					62.0	57.0	41.0	48.0	42.0	48.0	53.0	71.0
56				RS	04												
TOTAL KWH	222050	REVENUE	10,547.75		KWH	21810	25340	17110	12400	25190	11960	18970	12260	19110	13900	22560	21440
					BKW							57.0	41.0	47.0	50.0	57.0	59.0
57				RS	02												
TOTAL KWH	220260	REVENUE	10,677.70		KWH	25740	26440	17980	15160	13140	11300	11560	11140	15000	21980	23840	26980
58				RS	03												
TOTAL KWH	219740	REVENUE	10,428.60		KWH	9460	15640	18140	17540	25060	24440	22080	21260	17040	13920	19820	15340
					BKW			57.0	59.0	65.0	71.0	73.0	69.0	71.0	62.0	65.0	63.0
59				RS	02												
TOTAL KWH	218240	REVENUE	10,416.26		KWH	24410	20310	13270	18490	20540	17300	14430	13230	14640	16500	19510	25610
					BKW				59.0	62.0	56.0	57.0	53.0	56.0	70.0	64.0	66.0
60				RS	02												
TOTAL KWH	217612	REVENUE	10,015.08		KWH	15852	15513	16564	16754	20652	21932	22198	25440	16289	14407	15567	16444
					BKW		36.2	39.5	41.6	42.0	47.0	46.9	48.0	43.7	36.0	37.8	41.3
61				RS	02												
TOTAL KWH	217410	REVENUE	10,299.87		KWH	22740	20940	19750	15070	15700	15890	16400	17230	14830	14940	22230	21690
					BKW				40.0	47.0	49.0	52.0	50.0	45.0	44.0	52.0	62.0
62				RS	02												
TOTAL KWH	216400	REVENUE	9,990.83		KWH	28430	21070	17630	23530	2770	12840	11840	12600	13240	15240	25670	31540
					BKW	96.0	49.0	48.0	39.0	40.0	32.0	32.0	34.0	39.0	38.0	53.0	63.0
63				RS	02												
TOTAL KWH	215700	REVENUE	10,150.23		KWH	23440	18780	16700	17400	16880	18820	17600	16520	14400	16400	18860	19900
					BKW			49.0	50.0	53.0	55.0	63.0	54.0	54.0	54.0	50.0	52.0
64				RS	02												
TOTAL KWH	211900	REVENUE	10,132.31		KWH	20270	19300	18930	17100	16670	16620	15820	16740	15010	15590	17550	22300
					BKW									61.0	60.0	54.0	59.0
65				RS	02												
TOTAL KWH	210570	REVENUE	9,898.86		KWH	21340	21860	18990	16350	20350	16530	16610	14110	14350	14940	18550	16590
					BKW								36.0	39.0	36.0	37.0	36.0
66				RS	02												
TOTAL KWH	209968	REVENUE	10,067.02		KWH	20358	16672	17606	17460	16924	18821	16141	17809	16183	18922	17382	15690
67				RS	02												
TOTAL KWH	209930	REVENUE	9,986.99		KWH	26560	23200	16130	16070	13440	17400	16600	15010	16510	8840	14540	25630
					BKW		65.0	58.0	48.0	48.0	51.0	53.0	52.0	54.0	35.0	52.0	64.0

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68			RS	02												
TOTAL KWH	209500	REVENUE 9,686.83		KWH	18830	19750	16050	14800	15550	16640	17590	16170	16970	17620	19130	20400
				BKW				29.0	31.0	35.0	34.0	35.0	37.0	37.0	36.0	43.0
69			RS	04												
TOTAL KWH	208650	REVENUE 10,188.94		KWH	23920	14120	16900	10870	23750	8720	16920	14980	14150	22640	12350	29330
70			RS	04												
TOTAL KWH	207570	REVENUE 9,842.61		KWH	25970	20860	16480	14920	16160	16160	10050	14150	14390	17680	20360	20390
				BKW			54.0	52.0	53.0	53.0	53.0	53.0	57.0	59.0	62.0	66.0
71			RS	04												
TOTAL KWH	207370	REVENUE 9,840.49		KWH	19110	16800	13390	14850	15920	20680	19390	17580	18070	15340	16550	19690
				BKW							40.0	39.0	44.0	37.0	40.0	46.0
72			RS	02												
TOTAL KWH	206730	REVENUE 9,828.94		KWH	18430	18200	18800	15690	16160	15310	14680	17600	16810	17440	18820	18790
				BKW				52.0	52.0	50.0	46.0	51.0	54.0	54.0	53.0	53.0
73			RS	02												
TOTAL KWH	206410	REVENUE 9,894.51		KWH	25810	22520	14770	14080	14870	12550	13690	11680	10080	17400	22830	26130
				BKW				46.0	52.0	50.0	48.0	48.0	60.0	62.0	61.0	70.0
74			RS	02												
TOTAL KWH	203290	REVENUE 9,762.68		KWH	20680	19930	15800	13650	15920	16740	17340	15280	14210	13910	18530	21300
				BKW			40.0	51.0	52.0	52.0	52.0	45.0	49.0	46.0	56.0	61.0
75			RS	02												
TOTAL KWH	202710	REVENUE 9,415.43		KWH	15600	22300	13640	17290	13370	22160	20690	18000	15380	12420	13250	18610
				BKW					29.0	43.0	44.0	46.0	29.0	37.0	33.0	52.0
76			RS	02												
TOTAL KWH	202570	REVENUE 9,530.57		KWH	22630	24970	18160	17630	13700	15540	13350	14220	15500	15510	11300	20060
				BKW	90.0	100.0	92.0	83.0	43.0	50.0	44.0	51.0	45.0	72.0	45.0	96.0
77			RS	02												
TOTAL KWH	202200	REVENUE 9,492.66		KWH	26670	23150	17390	14480	14240	15460	13920	13840	13070	14380	16790	18810
				BKW									40.0	50.0	60.0	55.0
78			RS	02												
TOTAL KWH	201610	REVENUE 9,723.61		KWH	20400	18180	15780	14090	13010	15670	14750	13890	14510	16760	21170	23400
				BKW							50.0	49.0	51.0	60.0	70.0	64.0
79			RS	02												
TOTAL KWH	201530	REVENUE 9,685.37		KWH	20370	20960	14740	15840	14550	14480	14170	13500	15140	16740	19970	21070
				BKW								53.0	54.0	60.0	59.0	58.0
80			RS	04												
TOTAL KWH	199230	REVENUE 9,487.53		KWH	15180	14650	15030	15750	20200	23110	14820	19840	16200	15300	15120	14030
				BKW							60.6	54.3	50.1	46.5	45.2	44.2
81			RS	04												
TOTAL KWH	197060	REVENUE 9,417.95		KWH	12040	16260	15390	18300	19210	19470	19840	15840	16250	15900	13610	14950
				BKW					54.0	60.0	60.0	56.0	54.0	52.0	57.0	48.0

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82	TOTAL KWH 196950	REVENUE 9,325.37	RS	01												
				KWH	15090	18590	19630	16230	15440	16350	14580	15540	12840	14880	18820	18960
				BKW						44.0	45.0	43.0	40.0	49.0	55.0	55.0
83	TOTAL KWH 195580	REVENUE 9,202.63	RS	01												
				KWH	17060	23890	10120	18320	10650	16930	11020	17810	14250	15700	20710	19120
				BKW	33.0	64.0	64.0	49.0	50.0	38.0	41.0	34.0	34.0	33.0	45.0	45.0
84	TOTAL KWH 194820	REVENUE 9,265.43	RS	02												
				KWH	19600	18510	16040	18660	13570	14940	13820	12980	11700	11880	19800	23320
				BKW					49.0	55.0	50.0	45.0	48.0	57.0	61.0	71.0
85	TOTAL KWH 194582	REVENUE 9,226.93	RS	02												
				KWH	14592	14820	14512	14564	19606	21386	23614	18248	14418	13408	11652	13762
				BKW			49.3	51.4	51.2	54.0	55.6	53.5	48.0	59.2	51.9	50.6
86	TOTAL KWH 194580	REVENUE 9,240.15	RS	02												
				KWH	15740	18000	15950	18250	16570	17140	16280	15620	14100	14240	14560	18130
				BKW							52.0	49.0	39.0	43.0	50.0	49.0
87	TOTAL KWH 193770	REVENUE 9,247.39	RS	02												
				KWH	25160	21580	15740	11280	12660	12660	13140	10870	13320	17510	21480	18370
				BKW					36.0	41.0	39.0	39.0	45.0	47.0	50.0	50.0
88	TOTAL KWH 192620	REVENUE 9,289.20	RS	03												
				KWH	15090	16960	16420	14610	18270	16280	16380	15420	13890	14330	17430	17540
				BKW		52.0	50.0	49.0	50.0	51.0	50.0	45.0	49.0	46.0	51.0	55.0
89	TOTAL KWH 191820	REVENUE 9,186.37	RS	02												
				KWH	19970	21720	15940	10140	12680	17180	14720	14210	14910	12070	16320	21960
				BKW							53.0	57.0	60.0	52.0	59.0	57.0
90	TOTAL KWH 189020	REVENUE 10,418.00	RS	03												
				KWH	10800	8920	10220	12960	23120	27060	25820	20680	17420	10400	9780	11840
91	TOTAL KWH 188860	REVENUE 8,945.83	RS	02												
				KWH	2320	7870	19230	16930	14540	18140	16490	16850	16580	18200	21100	20610
				BKW		54.0	49.0	50.0	44.0	45.0	40.0	36.0	42.0	50.0	54.0	55.0
92	TOTAL KWH 188110	REVENUE 9,093.78	RS	02												
				KWH	17080	16510	15340	13610	13860	15230	16470	15120	15240	15090	16760	17800
				BKW				46.0	46.0	47.0	53.0	53.0	55.0	55.0	55.0	53.0
93	TOTAL KWH 187860	REVENUE 8,968.00	RS	02												
				KWH	16470	10850	11450	14790	16370	24280	23880	19960	14830	10160	12120	12700
				BKW									39.0	37.0	42.0	39.0
94	TOTAL KWH 187020	REVENUE 9,173.60	RS	02												
				KWH	22660	18620	14340	14480	9990	12840	10420	11110	12260	16960	19880	23460
95	TOTAL KWH 186940	REVENUE 8,959.76	RS	02												
				KWH	19310	18230	12280	12520	16580	15390	17950	15270	14850	12980	14980	16600
				BKW					59.0	62.0	64.0	61.0	63.0	57.0	64.0	69.0

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96				RS	02												
TOTAL KWH	186420	REVENUE	8,762.50	KWH		13700	24220	9300	16340	7820	20060	14160	15980	14120	11940	22600	16180
				BKW				27.0	39.0	28.0	42.0	41.0	36.0	38.0	34.0	59.0	49.0
97				RS	02												
TOTAL KWH	186090	REVENUE	8,969.08	KWH		21040	13840	14060	13840	15050	12000	13220	13360	13280	14220	19300	22880
				BKW						39.0	44.0	45.0	42.0	44.0	49.0	53.0	56.0
98				RS	02												
TOTAL KWH	185030	REVENUE	8,928.44	KWH		20760	18770	13360	12860	11480	12790	11830	12780	14680	15680	17840	22200
				BKW			46.0	45.0	46.0	47.0	42.0	43.0	45.0	49.0	48.0	52.0	53.0
99				RS	04												
TOTAL KWH	184960	REVENUE	8,858.36	KWH		20080	13820	13110	12260	15560	17090	17460	16840	12610	15740	11420	18970
				BKW									37.0	32.0	38.0	38.0	44.0
100				RS	02												
TOTAL KWH	182610	REVENUE	8,948.73	KWH		12420	13220	15500	14450	18370	21420	15850	18480	16620	11440	12620	12220
				BKW								51.0	57.0	55.0	44.0	46.0	46.0

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1																
TOTAL KWH	62330	REVENUE	RX	03												
3,017.12			KWH		2730	2730	3880	4490	9170	9690	8160	6940	6630	2200	2920	2790
			BKW				25.0	27.0	30.0	35.4	34.6	34.5	33.6	25.0	25.0	25.0
2																
TOTAL KWH	40550	REVENUE	RX	03												
2,057.85			KWH		1634	1426	1752	3164	4664	6494	6432	5380	4975	1632	1398	1599
			BKW										17.9	20.2	12.6	12.6
3																
TOTAL KWH	37679	REVENUE	RX	03												
1,919.92			KWH		1520	1348	1872	2248	4623	7779	6284	4811	2782	1537	1352	1523
			BKW								23.2	20.0	23.6	12.7	12.0	19.2
4																
TOTAL KWH	35657	REVENUE	RX	03												
1,784.44			KWH		600	1190	2628	3407	5033	5843	6096	4018	3120	1323	1054	1345
			BKW							20.0	37.3	28.6	32.2	17.5	14.7	18.0
5																
TOTAL KWH	35520	REVENUE	RX	03												
1,836.71			KWH		1474	1694	2678	3322	2753	5524	5449	4266	3407	1761	1737	1455
			BKW						16.0	20.6	19.2	20.1	17.8	14.3	12.9	11.4
6																
TOTAL KWH	33962	REVENUE	RX	03												
1,735.76			KWH		1543	1241	1623	2448	3908	5793	6571	3751	2410	1350	1519	1805
			BKW								15.7	12.8	14.1	10.2	9.6	11.6
7																
TOTAL KWH	33751	REVENUE	RX	03												
1,721.09			KWH		1362	1430	1872	2345	3791	5132	5483	3174	3549	1817	1870	1926
			BKW									19.0	18.5	11.6	12.7	13.2
8																
TOTAL KWH	32936	REVENUE	RX	01												
1,666.94			KWH		964	1288	2348	2786	4948	5728	5456	3702	2967	1198	854	697
			BKW								21.0	14.2	15.0	11.5	9.7	10.6
9																
TOTAL KWH	32206	REVENUE	RX	03												
1,616.89			KWH		1008	934	934	2012	5472	3832	5888	5173	4107	947	1068	831
			BKW							20.8	24.4	20.0	17.4	8.6	11.6	7.2
10																
TOTAL KWH	31686	REVENUE	RX	01												
1,564.26			KWH		2200	2116	2116	3530	825	5414	4863	3343	2529	1262	1506	1982
			BKW						23.8	27.9	23.9	19.2	24.3	12.7	14.5	16.9
11																
TOTAL KWH	30417	REVENUE	RX	03												
1,515.03			KWH		1034	1340	1904	3894	2171	5812	5355	3724	2034	861	1048	1240
			BKW							21.9	21.9	17.5	15.2	13.3	11.3	11.7
12																
TOTAL KWH	30306	REVENUE	RX	03												
1,543.21			KWH		1008	986	1494	2461	3806	5335	4869	3754	3032	1110	1077	1374
			BKW									20.3		12.2	10.5	12.0
13																
TOTAL KWH	29234	REVENUE	RX	03												
1,412.86			KWH		1790	1759	1692	1762	3205	5001	4369	2836	2178	1287	1360	1995
			BKW										19.8	15.6	17.6	14.8
14																
TOTAL KWH	27288	REVENUE	RX	03												
1,435.87			KWH		1063	1088	1015	1584	2230	4368	5771	3317	2573	1231	1279	1769
			BKW								29.0	27.5	28.8	16.1	16.7	15.3

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15			RX	03												
TOTAL KWH	27260	REVENUE	1,406.12	KWH	997	1140	1091	1994	2249	3290	4574	4580	3113	1847	1200	1185
				BKW								23.6	26.8	25.1	11.2	10.7
16			RX	03												
TOTAL KWH	25932	REVENUE	1,384.28	KWH	1198	1356	1582	2383	1258	4268	4512	3417	2510	1070	950	1428
				BKW					13.5	19.2	14.9	14.2	13.8	9.0	9.2	10.5
17			RX	03												
TOTAL KWH	25864	REVENUE	1,335.75	KWH	719	745	1226	1830	3026	6269	4120	3020	2283	1137	853	636
				BKW							15.8	14.1	16.1	8.1	8.7	6.7
18			RX	03												
TOTAL KWH	25641	REVENUE	1,305.53	KWH	1203	897	1099	2119	2841	4246	4445	3410	2534	1207	822	818
				BKW						16.8	16.7	19.4	16.4	12.5	14.8	13.6
19			RX	01												
TOTAL KWH	25392	REVENUE	1,197.38	KWH	1806	1842	1746	2220	2158	2592	2545	2584	1979	2017	1992	1911
				BKW							14.3	12.0	13.8	13.4	11.3	12.7
20			RX	03												
TOTAL KWH	25285	REVENUE	1,329.16	KWH	1236	1134	882	2318	2624	2456	3840	3458	2387	1986	1658	1306
				BKW						17.3	18.3	17.2	13.8	12.5	12.9	11.0
21			RX	03												
TOTAL KWH	25227	REVENUE	1,277.76	KWH	1141	1215	1635	2077	3400	3157	3615	2885	2214	1035	1201	1652
				BKW						20.9	18.4	19.3	16.2	13.4	11.9	17.4
22			RX	03												
TOTAL KWH	24234	REVENUE	1,254.20	KWH	1155	1243	1315	2202	3714	2647	3644	2820	2116	935	986	1457
				BKW							21.7	17.0	17.0	13.0	16.6	12.9
23			RX	03												
TOTAL KWH	23518	REVENUE	1,240.18	KWH	1489	1479	1304	1134	2072	4089	2841	3012	1756	1107	1739	1496
				BKW									5.0	11.1	13.1	10.8
24			RX	03												
TOTAL KWH	23246	REVENUE	1,213.64	KWH	1673	1371	1459	1745	2430	3805	2935	2185	1695	1112	1422	1414
				BKW							15.6	12.9	12.7	9.5	10.9	13.1
25			RX	03												
TOTAL KWH	22966	REVENUE	1,224.97	KWH	821	670	665	1468	1197	2034	4830	3386	2883	2309	1444	1259
				BKW							18.0	15.8	16.7	13.7	11.1	10.9
26			RX	03												
TOTAL KWH	22542	REVENUE	1,133.23	KWH	1266	1186	1190	2010	2128	2665	3485	2437	2542	1593	973	1067
				BKW						15.8	17.7	15.0	19.3	15.4	12.6	13.9
27			RX	03												
TOTAL KWH	22499	REVENUE	1,190.27	KWH	794	932	1314	2074	2956	3058	3874	2982	2013	927	825	750
				BKW							10.0	16.0	15.4	10.2	12.4	7.6
28			RX	03												
TOTAL KWH	22437	REVENUE	1,166.83	KWH	1093	1098	953	1201	2252	3613	3885	2686	2013	1281	1258	1104
				BKW							17.5	15.8	13.4	12.0	11.1	6.3

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29			RX	03												
TOTAL KWH	22416	REVENUE	1,196.38	KWH	298	299	491	1312	2278	3965	7308	2574	1516	336	728	1309
				BKW							10.8	8.0	7.0	4.5	12.8	13.5
30			RX	03												
TOTAL KWH	22386	REVENUE	1,183.35	KWH	692	888	1558	2520	3392	3614	1405	3301	2601	1089	628	698
				BKW								14.5	15.3	11.0	10.2	10.5
31			RX	01												
TOTAL KWH	22194	REVENUE	1,164.16	KWH	475	877	1777	2608	1788	4107	3448	2786	2267	892	627	542
				BKW					19.0	16.5	16.6	17.3	14.8	11.8	11.5	9.9
32			RX	03												
TOTAL KWH	22152	REVENUE	1,181.15	KWH	1050	1196	1209	2449	1461	3743	3204	2673	2062	1234	1015	856
				BKW						18.8	16.8	17.0	12.9	13.9	11.7	9.5
33			RX	03												
TOTAL KWH	22097	REVENUE	1,172.73	KWH	1194	1038	1339	1404	2118	3933	3264	2769	1989	994	1114	941
				BKW						17.8	17.9	16.6	17.6	13.7	12.6	10.7
34			RX	01												
TOTAL KWH	21376	REVENUE	1,107.27	KWH	1660	1773	1968	1773	1807	2092	1843	1859	1786	1571	1707	1537
				BKW							15.0	12.2	14.7	11.0	13.4	11.8
35			RX	03												
TOTAL KWH	21236	REVENUE	1,084.51	KWH	1148	1112	1374	2380	2610	2684	2560	2163	1504	1135	1210	1356
				BKW						17.0	14.7	16.1	14.1	14.7	11.6	11.4
36			RX	03												
TOTAL KWH	20069	REVENUE	919.88	KWH	464	656	1170	2019	1326	4065	3343	2660	2299	828	784	455
				BKW							22.4	19.3	17.0	13.8	12.0	10.6
37			RX	03												
TOTAL KWH	19939	REVENUE	1,067.53	KWH	770	738	1248	2011	2737	2860	3266	1760	1810	901	751	1087
				BKW						15.8	16.2	16.6	12.2	7.5	7.7	13.4
38			RX	03												
TOTAL KWH	19864	REVENUE	1,027.94	KWH	1096	1259	1747	2723	2900	820	2533	2338	1622	881	912	1033
				BKW							14.0	13.5	12.7	11.4	10.6	10.8
39			RX	01												
TOTAL KWH	19133	REVENUE	952.67	KWH	533	620	611	832	1673	2502	5471	2046	2020	1420	838	567
				BKW							18.0	12.7	12.7	12.0	12.8	9.8
40			RX	04												
TOTAL KWH	18882	REVENUE	1,011.14	KWH	1667	1416	1175	1704	2133	2504	1802	1332	1306	1131	1358	1354
				BKW						8.8	9.8	12.2	7.2	6.5	7.0	6.3
41			RX	03												
TOTAL KWH	18695	REVENUE	997.28	KWH	463	533	877	1395	2925	3426	2698	2475	1967	786	605	545
				BKW							15.5	13.6	14.4	10.7	11.4	11.8
42			RX	03												
TOTAL KWH	18038	REVENUE	916.67	KWH	799	837	914	971	1424	3588	2690	2472	1796	794	958	795
				BKW							26.0	24.2	23.9	19.1	17.2	6.9

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CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
43			RX	01												
TOTAL KWH	18036	REVENUE	961.13	KWH	1458	1370	1662	1508	1302	1518	1432	1552	1474	1490	1701	1569
				BKW											9.3	12.7
44			RX	03												
TOTAL KWH	17798	REVENUE	967.18	KWH	927	861	1062	1598	2794	1610	1725	1565	1625	1473	1192	1366
				BKW							12.4	12.9	12.9	12.6	12.2	11.9
45			RX	03												
TOTAL KWH	17563	REVENUE	925.49	KWH	531	743	774	1357	2090	2909	2784	2367	1942	851	667	548
				BKW						13.9	16.6	14.6	12.9	11.8	10.8	11.0
46			RX	03												
TOTAL KWH	17370	REVENUE	918.43	KWH	750	679	1022	1917	2667	3584	2083	1205	1320	704	619	820
				BKW								13.2	9.7	7.7	8.3	9.7
47			RX	01												
TOTAL KWH	16929	REVENUE	910.02	KWH	1832	1335	1393	1228	1450	1570	1522	1383	1418	1440	1060	1298
				BKW												8.6
48			RX	03												
TOTAL KWH	16726	REVENUE	885.81	KWH	1004	825	926	1007	2117	3351	2392	1509	1231	838	696	830
				BKW						17.6	16.2	14.6	11.2	11.3	11.6	15.1
49			RX	03												
TOTAL KWH	16182	REVENUE	862.94	KWH	936	957	860	939	907	1610	3681	1969	1450	1077	867	929
				BKW							10.0	16.7	16.7	12.9	9.7	10.5
50			RX	03												
TOTAL KWH	16012	REVENUE	863.90	KWH	536	594	958	1142	2296	1183	2902	2327	1855	1161	550	508
				BKW							12.4	11.0	11.4	11.5	7.8	7.1
51			RX	03												
TOTAL KWH	15616	REVENUE	851.59	KWH	909	848	1012	790	1417	1718	3027	1818	1348	829	969	931
				BKW							15.0	14.1	11.2	11.3	10.6	9.9
52			RX	03												
TOTAL KWH	15348	REVENUE	843.82	KWH	844	808	900	772	2075	2655	2178	1731	1252	615	704	814
				BKW					13.9	14.4	20.0	12.0	12.0	7.4	10.2	6.8
53			RX	01												
TOTAL KWH	14964	REVENUE	803.78	KWH	2690	1854	1502	926	758	894	725	730	663	705	1566	1951
				BKW							6.0	5.6	5.4	7.3	11.8	16.5
54			RX	03												
TOTAL KWH	14839	REVENUE	781.19	KWH	1118	1153	1096	1163	1142	1108	2790	1010	1142	980	993	1144
				BKW							10.0	10.1	10.1	11.1	11.7	10.9
55			RX	03												
TOTAL KWH	14698	REVENUE	786.80	KWH	422	444	1192	1568	2440	3501	1738	401	965	747	811	469
				BKW							10.0	5.6	12.3	10.9	10.4	8.2
56			RX	03												
TOTAL KWH	14620	REVENUE	826.62	KWH	579	522	580	1087	2051	2313	2097	1953	1401	697	777	563
				BKW							14.3	13.5	13.9	7.9	8.1	8.1

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

RESIDENTIAL RATE LARGEST CUSTOMERS REPORT RATE RX
LARGE POWER

CUSTOMER REFERENCE NUMBER			RATE CO	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
57			RX	03												
TOTAL KWH	14531	REVENUE	808.75	KWH	760	826	930	1126	1730	1267	2665	2110	941	605	795	776
				BKW						16.0	18.9	18.0	11.5	9.5	8.8	8.6
58			RX	03												
TOTAL KWH	14460	REVENUE	792.05	KWH	760	820	999	1358	1196	2522	2084	1570	1259	626	617	649
				BKW					14.4	13.5	14.1	13.2	13.6	10.0	11.0	12.6
59			RX	01												
TOTAL KWH	14216	REVENUE	776.17	KWH	1238	876	1190	1106	1866	866	966	936	1019	1114	1440	1599
				BKW						3.5	11.9	11.5	12.2	13.8	12.5	14.2
60			RX	03												
TOTAL KWH	13849	REVENUE	704.12	KWH	1207	1153	798	933	1174	1579	1335	1090	1088	1026	1191	1275
				BKW						17.3	16.5	12.9	16.8	11.1	12.2	13.9
61			RX	03												
TOTAL KWH	13596	REVENUE	703.48	KWH	1063	1171	1105	1364	1119	1131	1222	1103	994	1137	1162	1025
				BKW						16.6	11.9	12.6	11.5	11.7	16.5	12.3
62			RX	01												
TOTAL KWH	13557	REVENUE	725.70	KWH	1094	1106	1218	1224	1298	1021	1164	1062	1167	1045	991	1167
				BKW							10.8	11.9	11.1	10.8	10.8	11.4
63			RX	01												
TOTAL KWH	13198	REVENUE	761.79	KWH	884	881	769	1065	940	1618	1628	1461	1145	703	817	1287
				BKW						9.6	7.7	7.0	6.8	5.7	6.2	8.7
64			RX	03												
TOTAL KWH	13057	REVENUE	703.12	KWH	763	646	924	1251	1639	1266	1832	1520	1245	653	612	706
				BKW						14.0	14.0	14.1	14.3	10.0	11.0	11.5
65			RX	01												
TOTAL KWH	12944	REVENUE	670.55	KWH	626	448	473	871	1205	1372	2518	1665	1242	791	882	851
				BKW							15.7	13.3	10.6	10.0	7.7	7.9
66			RX	03												
TOTAL KWH	12820	REVENUE	697.87	KWH	816	1010	896	860	1008	410	856	951	1118	1620	1861	1414
				BKW							10.0	12.3	11.4	11.7	12.2	11.4
67			RX	01												
TOTAL KWH	12723	REVENUE	708.25	KWH	842	916	937	849	1191	1394	1511	1197	1252	863	858	913
				BKW							13.9	13.0	13.0	10.9	10.9	11.4
68			RX	02												
TOTAL KWH	12171	REVENUE	683.60	KWH	1185	987	894	924	786	1290	1413	1012	936	709	1050	985
				BKW							9.8	8.7	8.2	7.9	8.1	7.0
69			RX	03												
TOTAL KWH	12156	REVENUE	673.14	KWH	1104	1008	916	1054	954	1143	1033	951	997	948	1113	935
				BKW								15.1	18.1	15.3	14.8	9.0
70			RX	01												
TOTAL KWH	11894	REVENUE	672.73	KWH	813	975	1102	951	986	1051	1092	1051	925	986	909	1053
				BKW						12.4	12.1	12.2	11.9	12.5	9.8	12.7

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

RESIDENTIAL RATE LARGEST CUSTOMERS REPORT RATE RX
LARGE POWER

CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
71			RX	03												
TOTAL KWH	11811	REVENUE	672.64	KWH	940	446	702	1116	1996	1611	1350	973	837	411	376	1053
				BKW						3.5	9.5	5.7	7.4	7.2	7.1	7.3
72			RX	01												
TOTAL KWH	11745	REVENUE	684.89	KWH	734	618	690	913	904	1815	999	1111	1270	1096	911	664
				BKW							10.3	10.2	10.3	9.5	9.8	9.8
73			RX	01												
TOTAL KWH	11643	REVENUE	666.24	KWH	922	954	950	939	843	1178	996	882	1032	835	1002	1110
				BKW					7.3	9.7	9.2	10.0	10.3	8.4	7.9	10.2
74			RX	01												
TOTAL KWH	11638	REVENUE	610.27	KWH	751	972	968	1200	1182	504	1201	1102	1135	888	848	887
				BKW							10.0	9.7	9.3	5.8	8.9	7.7
75			RX	03												
TOTAL KWH	11563	REVENUE	636.91	KWH	890	866	882	874	1038	1742	978	902	892	823	873	803
				BKW						8.0	7.3	7.8	7.7	7.9	10.7	10.0
76			RX	03												
TOTAL KWH	10997	REVENUE	610.24	KWH	774	809	964	1116	1299	539	968	1132	960	754	902	780
				BKW						9.3	9.1	9.6	10.4	9.6	10.1	8.7
77			RX	01												
TOTAL KWH	10835	REVENUE	618.60	KWH	681	794	797	887	991	1329	1271	1011	814	859	708	693
				BKW							11.0	9.4	9.3	9.8	9.7	8.9
78			RX	01												
TOTAL KWH	10826	REVENUE	593.59	KWH	1192	844	829	771	978	1109	589	988	905	918	790	913
				BKW							12.1	11.8	11.7	11.8	11.8	12.3
79			RX	01												
TOTAL KWH	10542	REVENUE	601.94	KWH	698	885	963	1091	1161	1211	259	924	924	839	732	855
				BKW								11.3	11.5	10.7	11.0	10.9
80			RX	03												
TOTAL KWH	10501	REVENUE	579.06	KWH	908	632	1140	944	1094	726	1068	856	959	619	798	765
				BKW							14.8	10.6	15.4	10.4	9.8	9.0
81			RX	01												
TOTAL KWH	9785	REVENUE	529.47	KWH	673	704	668	800	912	457	1063	1102	889	648	917	952
				BKW						8.7	12.8	13.4	12.6	11.3	10.1	10.4
82			RX	01												
TOTAL KWH	9425	REVENUE	545.00	KWH	1186	777	637	690	865	844	365	675	661	602	843	1280
				BKW							4.1	6.9	6.3	6.4	8.3	10.3
83			RX	02												
TOTAL KWH	9397	REVENUE	550.90	KWH	788	816	696	690	835	933	926	771	738	753	755	696
				BKW						6.9	10.0	7.2	7.5	8.8	9.3	7.9
84			RX	01												
TOTAL KWH	9161	REVENUE	537.94	KWH	858	908	664	678	720	896	602	591	774	561	707	1202
				BKW							7.8	6.3	11.2	6.5	8.6	10.1

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

RESIDENTIAL RATE LARGEST CUSTOMERS REPORT RATE RX
LARGE POWER

CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
85			RX	01												
TOTAL KWH	8850	REVENUE	532.54	KWH	782	662	620	719	884	917	790	690	707	673	626	780
				BKW					7.0	8.1	6.0	6.7	6.7	7.2	6.5	6.0
86			RX	01												
TOTAL KWH	8243	REVENUE	489.16	KWH	690	788	700	690	865	448	784	813	746	532	667	520
				BKW							10.6	8.9	9.0	9.4	7.8	7.7
87			RX	01												
TOTAL KWH	7938	REVENUE	493.20	KWH	483	589	766	721	646	896	773	665	674	627	579	519
				BKW						5.0	11.1	10.9	11.3	11.0	10.5	9.1
88			RX	01												
TOTAL KWH	7468	REVENUE	456.17	KWH	682	710	762	566	657	637	541	596	592	598	555	572
				BKW						9.4	7.2	7.8	9.2	13.2	7.3	7.1
89			RX	03												
TOTAL KWH	7462	REVENUE	469.14	KWH	354	290	266	266	413	1558	1491	1272	705	388	252	207
				BKW						8.0	17.0	16.1	15.4	10.1	10.6	11.0
90			RX	01												
TOTAL KWH	7207	REVENUE	439.28	KWH	569	671	661	670	819	741	648	195	565	502	570	596
				BKW									7.5	6.7	7.5	7.0
91			RX	01												
TOTAL KWH	6962	REVENUE	427.48	KWH	620	606	639	630	760	532	601	520	478	484	469	623
				BKW							7.2	3.1	7.5	2.9	4.1	7.1
92			RX	01												
TOTAL KWH	6670	REVENUE	413.64	KWH	641	665	487	643	555	418	616	664	488	453	522	518
				BKW						10.0	11.8	11.0	11.3	6.8	6.7	6.7
93			RX	01												
TOTAL KWH	5941	REVENUE	368.70	KWH	794	515	580	637	725	498	604	664	514	388	22	0
				BKW							8.8	10.6	8.6	7.6	1.6	
94			RX	01												
TOTAL KWH	5692	REVENUE	375.24	KWH	460	480	460	449	546	490	545	522	560	286	400	494
				BKW						7.2	9.6	10.1	6.8	5.9	7.5	9.3
95			RX	01												
TOTAL KWH	5416	REVENUE	352.17	KWH	118	390	398	648	888	736	269	553	472	276	316	352
				BKW								7.0	6.7	6.8	6.3	6.3
96			RX	01												
TOTAL KWH	5125	REVENUE	343.54	KWH	399	339	391	393	548	705	383	411	429	320	359	448
				BKW								7.5	7.5	7.2	6.5	6.9
97			RX	01												
TOTAL KWH	4991	REVENUE	333.52	KWH	414	414	482	536	428	282	371	379	489	391	404	401
				BKW						1.0	2.1	2.1	2.9	2.6	2.0	2.2
98			RX	01												
TOTAL KWH	4506	REVENUE	303.63	KWH	379	489	406	541	395	123	288	290	312	387	424	472
				BKW							2.5	2.6	5.2	6.8	6.7	6.0

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

RESIDENTIAL RATE LARGEST CUSTOMERS REPORT RATE RT3

	CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
1	TOTAL KWH	75910	REVENUE 3,228.56	RTS	03 KWH	2200	1720	1500	4540	7560	9420	21430	9760	6660	4950	2810	3360
2	TOTAL KWH	40833	REVENUE 1,514.60	RTS	03 KWH	0	0	0	6685	6316	8042	5352	6518	4559	915	1021	1425
					BKW										4.0	7.0	6.0
3	TOTAL KWH	39358	REVENUE 1,648.20	RTS	03 KWH	0	28	444	2270	4100	6272	7487	6939	5670	3572	1333	1243
4	TOTAL KWH	36652	REVENUE 1,640.90	RTS	01 KWH	610	586	661	2130	3777	5722	7144	5885	3923	3170	1614	1430
5	TOTAL KWH	18347	REVENUE 971.79	RTS	03 KWH	398	397	465	1109	2763	3772	4507	2294	1370	499	362	411
					BKW										6.0	3.0	5.0
6	TOTAL KWH	17235	REVENUE 873.22	RTS	03 KWH	0	12	324	942	3136	3473	2749	2155	1985	758	672	1029
					BKW										6.0	7.0	9.0
7	TOTAL KWH	12177	REVENUE 598.79	RTS	01 KWH	17	30	46	57	80	117	3072	3879	2815	684	708	672
8	TOTAL KWH	10985	REVENUE 619.53	RTS	03 KWH	0	0	0	0	0	0	1216	3802	2029	1695	1213	1030
9	TOTAL KWH	9477	REVENUE 514.33	RTS	03 KWH	0	0	0	0	0	0	1165	2529	2099	1207	1075	1402
					BKW											7.0	8.0
10	TOTAL KWH	8512	REVENUE 631.05	RTS	03 KWH	0	0	0	13	25	40	756	1893	2244	2140	856	545
11	TOTAL KWH	7781	REVENUE 440.31	RTS	03 KWH	0	0	0	0	0	17	123	1795	695	1024	1468	2659
12	TOTAL KWH	6690	REVENUE 448.27	RTS	03 KWH	16	43	83	240	678	1071	1438	729	700	471	559	662
13	TOTAL KWH	5780	REVENUE 316.68	RTS	03 KWH	0	0	0	0	0	0	0	0	1914	1200	1301	1365
					BKW											7.0	9.0
14	TOTAL KWH	5294	REVENUE 282.84	RTS	03 KWH	0	0	0	0	0	0	0	0	683	1749	1385	1477

PENNSYLVANIA POWER & LIGHT COMPANY

12 MONTHS ENDED JULY 1982

RESIDENTIAL RATE LARGEST CUSTOMERS REPORT RATE RTS

CUSTOMER REFERENCE NUMBER			RATE CD	REV CL	AUG 1981	SEP 1981	OCT 1981	NOV 1981	DEC 1981	JAN 1982	FEB 1982	MAR 1982	APR 1982	MAY 1982	JUN 1982	JUL 1982
15			RTS	03												
TOTAL KWH	5080	REVENUE	298.07	KWH	0	0	0	0	0	0	0	0	1117	1181	1245	1537
				BKW											8.0	8.0
16			RTS	03												
TOTAL KWH	3119	REVENUE	208.10	KWH	0	0	0	0	0	8	10	12	867	897	954	371
17			RTS	03												
TOTAL KWH	2794	REVENUE	188.21	KWH	0	0	0	0	0	0	0	0	0	1217	789	788
				BKW										7.0	5.0	6.0
18			RTS	03												
TOTAL KWH	2329	REVENUE	152.39	KWH	0	0	0	0	0	0	0	0	0	0	1189	1140
				BKW											9.0	8.0
19			RTS	03												
TOTAL KWH	1231	REVENUE	69.50	KWH	0	0	0	0	0	0	0	0	0	0	0	1231

Q. 21. Provide the following data for each of the load curves for each of the service classifications as defined in the cost-of-service study:

a. Source of data (Company sources, published sources, etc.)
b. Age of the data
c. Time span over which data was obtained
d. Number of customers' data utilized, i.e., sample size
e. Sample size as a percent of the service classification population
f. Statistical significance level or reliability

If data for each service classification are obtained by stratified sampling technique, provide the above data for each strata.

A. 21. The following page details items which apply to all rate classes. Attachment IV-C-21 explains the remainder of the requirements for the specific rate class studies, as follows:

- Attachment IV-C-21, pages 1 through 3, provides the information for the residential class of service, separated between those customers who use electricity for space heating and those who do not.

- Attachment IV-C-21, pages 4 and 5, provides the data for the general service - secondary voltage class of customers, separated between customers with and without demand meters.

- Attachment IV-C-21, pages 6 and 7, provides the information for commercial and industrial space heating customers, divided between those whose general service is supplied under a separate rate schedule and those whose entire use is supplied under a single meter.

- Attachment IV-C-21, pages 8 and 9, provides the data for the customers who are serviced from primary lines. General service and resale customers are included in the analysis.

- Attachment IV-C-21, page 10, provides the data for customers who are serviced from 66 kV transmission lines or higher. General service and resale customers are included in the analysis.

Pennsylvania Power & Light Company
Load Research Data Used in Cost-of-Service Studies
Year ended July 31, 1982

Beginning in 1977, Pennsylvania Power & Light Company has continuously collected load data from a permanent sample of more than 1,300 customers covering all major rate classes. The load data used to support cost-of-service studies was collected during the period January 1979 to March 1982 and contributions to system peak by each rate class have been developed using a combination of (1) load observations taken on the exact day of the monthly peaks during periods for which data was available and (2) estimates based on historical demand/energy relationships for periods not covered by actual load research data.

Results shown in prevailing clock time -- Eastern Standard Time during the winter and Eastern Daylight Time during the summer -- are extracted from each test customer location periodically and translated onto computer tapes. The data is then audited, edited, and summarized. The sample data is checked several times each year using the "chi-square" and "Z" tests to insure continued representativeness.

Although the samples of most rate groups were selected on a stratified random basis, the study objective in each case was to determine the load characteristics for the total class and not for each stratum.

Pennsylvania Power & Light Company
Residential Load Study

This study covers residential customers served from secondary voltage lines.

All references to groups will be to monthly kWh use groups, the majority of analysis was done on this basis. The classes are divided into the following monthly kWh use groups:

General Residential

Group 1	0 - 250 kWh
Group 2	251 - 450 kWh
Group 3	451 - 650 kWh
Group 4	651 - 1000 kWh
Group 5	1001 - 1700 kWh
Group 6	Over 1700 kWh

Electrically Heated Homes

Because of the seasonal fluctuation of this class and the need to maintain a sufficient number of test customers, the monthly kWh parameters changed from month-to-month. The table below displays these monthly upper limit values for the most recent load research data that was available.

Monthly kWh Ranges Upper Limit	1981 Apr	May	Jun	Jul	Aug	Sep
Range 1	1,100	700	700	700	700	700
Range 2	1,700	1,200	1,100	1,200	1,200	1,100
Range 3	2,400	1,800	1,700	1,700	1,700	2,000
Range 4	>2,400	>1,800	>1,700	>1,700	>1,700	>2,000

Monthly kWh Ranges Upper Limit	Oct	Nov	Dec	1982 Jan	Feb	Mar
Range 1	1,100	1,400	2,100	2,400	1,800	1,800
Range 2	1,800	2,400	3,700	4,500	3,200	3,100
Range 3	2,500	3,200	5,200	6,400	4,500	4,000
Range 4	>2,500	>3,200	>5,200	>6,400	>4,500	>4,000

Two separate stratified random samples were selected: 300 general residential customers from a universe of 615,000 and 160 electrically heated home customers from a universe of 82,000 customers. Thirty-four percent of Company load at the time of system peak for the year ended July 31, 1982, was produced by these customers. The samples were selected in 1975 and have been monitored continuously from that time. The intent is to supply current load characteristics on an uninterrupted basis. The numbers of sample customers were determined after addressing two main considerations: statistical reliability and the budget for load research activities.

Sample development began with a Company bill frequency distribution which was used in conjunction with the cumulative $\sqrt{f}$ rule developed by Dalenius and Hodges[a] to determine the annual kWh strata parameters. The total sample was then allocated to the various strata using the Neyman allocation[b] which, when combined with the cumulative $\sqrt{f}$ rule, tends to minimize the coefficient of variation. More test units than necessary were selected in order to compensate for expected mechanical failures in an attempt to retain a sample size sufficient to ensure statistical stability.

The resulting sample configurations follow:

Stratum	Annual kWh Parameters	Sample Size
General Residential		
1	0 - 2,900	51
2	2,901 - 5,500	58
3	5,501 - 8,000	42
4	8,001 - 12,000	48
5	12,001 - 25,000	61
6	Over 25,000	40
		300
Electrically Heated Homes		
1	0 - 18,000	36
2	18,001 - 29,000	37
3	29,001 - 45,000	40
4	Over 45,000	47
		160

When the samples were selected the coefficients of variation were 1.1% for general residential and 1.6% for electrically heated homes.

(a) C. E. Higgins, Jr., Stratified Random Sample Methods for Class Load Surveys for Electric Utilities, Applied Statistics and Load Research, Volume III New York: Association of Edison Illuminating Companies, July 1974, Pg. 243.

(b) Ibid., Pg. 241.

After determining the stratum parameters and the number of test customers to be included, random samples were selected from stratum universes of eligible customers using IBM's Power Residue Method(a). The samples are periodically tested using the chi-square goodness of fit test and Z-test on the universe and sample means to ensure continued representation of their respective universes.

Eligibility requirements were determined to secure a reliable load study with the least amount of trouble to consulting and meter personnel. Only active customers with at least 12 months of history were considered. Customers with indoor metering and those with demand attachments were eliminated from possible selection. All relocated mobile homes and mobile homes not permanently located were eliminated. Customers with poor or borderline credit histories were rejected. General residential customers were not allowed to have permanent electric heat.

After the samples were selected and before the meters were installed, field personnel informed the potential test customers of their impending role. Certain home, family, and appliance information was obtained at that time. Magnetic tape recorders were then installed to measure integrated demands.

(a) Random Number Generation and Testing, IBM Manual GC 20-8011-0, New York, International Business Machines Corporation, 1969.

Pennsylvania Power & Light Company
General Service Load Study
Secondary Service (Less Than 12 kV)

The customers included in this group are small and medium-sized general service customers served from the secondary distribution system. The customers are served from PP&L-owned transformers. The different classifications are:

1. Small General Service (no demand meter); Rate Schedules GS-1, G1-F, and BL

2. Large General Service - Secondary; Rate Schedules G1-D, G1-T (GS-1 with Time-of-Day billing), GS-3 (single demand general service - secondary voltage or higher), G3-T (GS-3 with Time-of-Day billing), G3-X (GS-3 with Time-of-Day billing - 66 kV - 300 kW minimum).

These categories are analyzed separately and hereafter are referred to by their major rate schedule designations.

1. GS-1

2. GS-3

Approximately 24% of Company load at the time of the system peak for the year ended July 31, 1982, was produced by these customers.

Two separate stratified random samples were selected: 277 GS-3 customers from a universe of 59,000 and 40 GS-1 customers from a universe of 28,000. The samples were selected in 1976, using a test year of 1975, and have been monitored continuously from that time. The intent is to provide current load characteristics on an uninterrupted basis. The number of sample customers was determined after addressing two main considerations: statistical reliability and the budget for load research activities.

As a first step in the GS-3 sample development, a Company bill frequency distribution listing all customers in annual maximum demand order was used in conjunction with the cumulative $\sqrt{uf}$ rule developed by Dalenius and Hodges to determine the annual kW strata parameters. The sample size within each stratum was determined using the Neyman allocation to yield the lowest coefficient of variation. The resulting sample configuration follows:

Stratum	Annual kW Parameters	Sample Size
1	0 - 10	47
2	11 - 28	45
3	29 - 75	46
4	76 - 200	46
5	201 - 550	47
6	Over 550	46
		277

This sample selection produced a coefficient of variation of 2.01%. After determining the kW limits of each stratum and the number of test customers to be included, the population customers were sorted into the six previously defined annual kW groups. Using a random digit table the required number of customers was selected.

A similar sample construction technique was followed for the GS-1 class except the basis of stratification was annual energy use instead of annual maximum demand. The resulting sample structure is as follows:

Stratum	Annual kWh Parameters	Sample Size
1	0-1100	15
2	1101-4000	14
3	Over 4000	11
		40

When this sample was selected the coefficient of variation was 8.29%. Additional meters were not expended to reduce the coefficient of variation because the individual customer loads are very small and the impact of this class on the system peak is minimal -- less than one-half of one percent. After the kWh limits of each stratum and the number of test customers to be included were determined, random samples were selected from the individual stratum universes using a random number generator.

The two samples are tested periodically to ensure continued representativeness.

Pennsylvania Power & Light Company
Commercial and Industrial Electric Space Heating Load Study

The included customers are those general service customers who are equipped with electric space heating and are served from PP&L owned transformers. The different classifications are:

1. Separate Meter General Space Heating Service (those electric space heating customers whose general use is supplied under some other general service rate schedule); Rate Schedule GH-2

2. Single Meter General Space Heating Service (those electric space heating customers whose entire use is supplied through one meter); Rate Schedules H2-R, (GH-2 space heating with residential meters), GH-1, H1-T (GH-1 with Time-of-Day billing), H1-P (GH-1 with primary credit $ .10/BKW), H1-Q (GH-1 with Time-of-Day billing and primary credit), GH-4, H4-T (GH-4 with Time-of-Day billing), H4-P (GH-4 with primary credit .05¢/kWh), H4-Q (GH-4 with Time-of-Day billing and primary credit).

These categories are analyzed separately and hereafter are referred to by their major rate schedule designation:

1. GH-2

2. GH-1

About 7% of Company load at the time of the system peak for the year ended July 31, 1982, was produced by these customers.

Two separate stratified random samples were selected: 160 GH-1 customers out of a universe of 3,300 and 40 GH-2 customers from a universe of 3,100. They were selected in 1976 using a test year of 1975 and have been monitored continuously from that time. The intent is to provide current load characteristics on an uninterrupted basis. The number of sample customers was determined after addressing two main considerations: statistical reliability and the budget for load research activities.

As a first step in the GH-1 sample development, a Company bill frequency distribution listing all customers in annual maximum demand order was used in conjunction with the cumulative $\sqrt{uf}$ rule developed by Dalenius and Hodges to determine the annual kW strata parameters. The sample size within each stratum was determined using the Neyman allocation to yield the lowest coefficient of variation.

The resulting sample configuration follows:

Stratum	Annual kW Parameters	Sample Size
1	0 - 85	38
2	86 - 300	44
3	301 - 900	37
4	Over 900	41
		160

This sample selection process generated a coefficient of variation of 2.99%. After determining the kW limits of each stratum and the number of test customers to be included, the universe customers were sorted into the four annual kW groups. Random samples were selected from stratum universes using a random digit table.

A similar sample construction technique was followed for the GH-2 class except the basis of stratification was annual energy use instead of annual maximum demand. The resulting sample structure follows:

Stratum	Annual kWh Parameters	Sample Size
1	0- 40,000	12
2	40,001-200,000	12
3	Over 200,000	16
		40

When the sample was selected, the coefficient of variation was 2.66%.

After the kWh limits of each stratum and the number of test customers to be included were determined, random samples were selected from the individual stratum universes using a random number generator. The two samples are tested periodically to ensure continued representativeness.

Pennsylvania Power & Light Company
Large General Service Load Study
Primary Service (12 & 23 kV)

The customers included are large power customers served from primary lines (normally 12 or 23 kV) who furnish and maintain all equipment necessary to transform the energy from line voltage. The different classifications are:

1. Large General Service-12 kV; Rate Schedules LP-4, L4-T (LP-4 with Time-of-Day billing)

2. Resale 12 kV; includes 9 customers whose individual rate schedules are filed with the Federal Energy Regulatory Commission.

These categories are analyzed separately and hereafter will be referred to by their major rate schedule designation:

1. LP-4

2. Resale 12 kV

Approximately 14% of Company load at the time of the system peak for the year ended July 31, 1982, was produced by the primary customers.

Test Procedures

LP-4

A systematic stratified random sample of 170 customers was selected from a universe of about 500 customers. The sample was selected in 1974 using a test year of 1973 and has been monitored continuously from that time. The intent is to provide current load characteristics on an uninterrupted basis. The number of sample customers was determined after addressing two main considerations: statistical reliability and the budget for load research activities.

As a first step in the sample development, a Company bill frequency distribution listing all customers in annual maximum demand order was used in conjunction with the cumulative $\sqrt{uf}$ rule developed by Dalenius and Hodges to determine the annual kW strata parameters. The sample size within each stratum was determined using the Neyman allocation to yield the lowest coefficient of variation. The resulting stratum sizes were adjusted (1) to satisfy the minimum limit of 30 for statistical stability considerations, and (2) because more sample customers were called for in the last stratum than were in the population. All population customers are tested in the last stratum because of their significant influence on class

statistics. The revised sample configuration follows:

Stratum	Annual kW Parameters	Initial Sample Size	Revised Sample Size
1	0- 400	23	30
2	401-1000	27	35
3	1001-2000	30	40
4	Over 2000	90	65
		170	170

At the time of original sample selection (1974), the coefficient of variation was 1.2%. After determining the kW limits of each stratum and the number of test customers to be included, the population customers were sorted into these four annual kW groups and ordered on the basis of annual hours use.

Using these four separate distributions and a random starting point, the required number of test customers were picked using the "every nth" technique. All active customers were eligible and customers not selected were considered as potential alternates. The final sample was retested for representativeness of the population.

After the sample was selected and before the meters were installed, field personnel had the responsibility of informing the potential test customers of their impending role. Magnetic tape recorders were then installed to measure integrated demands. The LP-4 sample is periodically tested to insure continued representativeness.

Resale 12 kV

All customers have magnetic tape recorders installed and also are monitored continuously.

Pennsylvania Power & Light Company
Large General Service Load Study
(66 kV or Higher)

The customers included in this study are large power customers served from 66 kV or higher transmission lines who furnish and maintain all equipment necessary to transform the energy from line voltage. The different classifications included in the study are:

1. Large General Service - 66 kV; LP-5, L5-T (LP-5 with Time-of-Day billing)

2. Large General Service - 66 kV 10 MW Min.; LP-6, L6-T (LP-6 with Time-of-Day billing), L6-F (LP-6 with Time-of-Day billing and facility charge - ConRail)

3. Resale - 66 kV

4. UGI - Luzerne Div.

This body of customers makes up approximately 20% of Company load at the time of the system peak for the year ended July 31, 1982, and each is a sizeable load.

Test Procedures

Because each of these customers is very large, all customers have magnetic tape load survey recorders installed and are monitored continuously. The intent is to provide up-to-date load characteristics for these classes on an uninterrupted basis.

Q. 22. Provide copies of FPC Form 12 for the current year and for the nine years preceding.

A. 22. A copy of FERC Form 12 for the year 1980 is provided in Appendix A to Exhibit Regs. IV. A copy of revised FERC Form 12 for the year 1981 will be provided at the time it is filed with the Federal Energy Regulatory Commission. This is consistent with the Special Permission In Re: Departure From Tariff Regulations issued by the PUC on October 15, 1982, in Docket No. R-822169.

Pennsylvania Power & Light Company

JAN 28 1983
SECRETARY'S OFFICE

Exhibit Historic 1

Summary of Measures of Value & Rate of Return

Witness: Various

Docket No. R-822169

Hbg E. Holbert 1/26/83

DOCUMENT FOLDER

DOCKETED JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT HISTORIC 1

Docket No. R-822169

Summary of Measures of Value & Rate of Return for the Year Ending July 31, 1982

This book contains a series of schedules (see Table of Contents) which are grouped as follows:

A - Statement of Reasons

B - Financial Statements, Cost of Capital & Capital Structure

C - Measures of Value

D - Operating Income & Adjustments

PENNSYLVANIA POWER & LIGHT COMPANY

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PENNSYLVANIA POWER & LIGHT COMPANY

A - REASONS FOR PROPOSED INCREASE

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A-1 - Statement of Reasons

PENNSYLVANIA POWER & LIGHT COMPANY

STATEMENT OF REASONS FOR THE PROPOSED INCREASE

Docket No. R-822169

STATEMENT OF REASONS FOR THE PROPOSED INCREASE

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STATEMENT OF REASONS FOR THE PROPOSED INCREASE

The purpose of this filing is to bring Pennsylvania Power & Light Company's (PP&L or the Company) rates for electric service in line with the cost of providing that service. Based on a future test year ending July 31, 1983, an increase in rates is necessary to cover the Company's cost of service including a fair return on capital and to restore PP&L's seriously deteriorated financial condition.

Summary of Reasons for Increase

This increase is necessary:

- To reflect the net effect of placing Susquehanna Unit 1 into service --- increased investment and operating costs associated with the unit less a reduction in energy costs resulting from lower nuclear fuel costs and an increase in sales to other utilities (about two-thirds of the total increase); and
- To recover increases in other costs which have occurred since PP&L's last base rate increase went into effect in January 1982 (about one-third of the total increase).

Amount of Increase

The increase proposed herein, if granted in full by the Commission, will increase current customer charges by 19.4%. This amounts to an overall annual increase of $315 million (including tax surcharge) or 25% based on a future test year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million which is the direct result of the operation of Susquehanna Unit 1.

The Company has taken all steps prudently possible to minimize the amount being requested --- especially realizing that Unit 1 will increase PP&L's investment in plant by 81%. Indeed, a review of the filing will quickly establish that, judged by traditional regulatory and financial standards, it is conservative in amount, limited in the number of issues it presents, and designed to be as consistent with precedent and as free from controversy as possible. As disclosed below, PP&L reasonably could have requested an additional $166 million in this filing. Thus,

- PP&L is asking for a modified sinking fund method of depreciating Unit 1. This reduced the rate increase request by approximately $28 million.
- PP&L is not claiming normalization of income taxes related to the federal and state income tax effect of the difference between tax depreciation computed on a liberalized basis with ADR lives and tax

depreciation on a straight line basis employing book lives. This reduced the rate increase request by approximately $11 million.

- PP&L is not claiming normalization of income taxes related to the state income tax effect on property covered by the ACRS tax depreciation method. This reduced the rate increase request by approximately $19 million.
- PP&L has included in rate base only 50% of common facilities instead of the 100% prescribed by FERC accounting and rate regulations. This reduced the rate increase request by approximately $79 million.
- PP&L is proposing to exclude the first year outage cost of Unit 1. This reduced the rate increase request by approximately $9 million.
- PP&L is proposing a level of rates which produces a rate of return on common equity of 16.2%. This compares to the 17% minimum return on common equity supported by the studies of PP&L's rate of return expert. Recent orders of the Commission have allowed electric companies returns as high as 17.75%. A FERC Administrative Law Judge recently has granted a return on common equity of 17%. Limiting the return on common equity to 16.2% reduced the rate increase request by about $20 million.

Moreover, to further moderate the impact of this increase on our customers, PP&L is proposing to offer customers the option of a trended billing program which will be designed to phase in the increase over a 16-month period instead of making it effective all at one time.

PP&L Rate Philosophy

This filing is in accord with the Company's rate philosophy which is to seek only timely rate increases that provide PP&L with an essential level of earnings and to try to keep its rates to customers at as low a level as it reasonably can. It is important to note that this is only the third request for increased base rates filed by PP&L since 1975. The present increase will not become effective until the latter part of August 1983, if it is suspended for the statutory period of seven months. This will be twenty months after PP&L's last rate increase.

As of September 1982, PP&L's rates are among the lowest in the state and compare very favorably on a regional and national level. As indicated on the following page, currently the average price of electricity paid in other areas of Pennsylvania is about 18% more than PP&L's customers pay.

One of PP&L's long-term objectives is to keep its rates significantly below the average price of electricity paid by customers of other Pennsylvania utility companies. The operation of Susquehanna will help PP&L achieve this long-term objective.

Explanation of Reasons for Increase

Reflect Net Effect of Unit 1

The Susquehanna nuclear power plant consists of two units, each with a maximum design capacity of 1050 megawatts.*

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*ten percent of each unit is owned by Allegheny Electric Cooperative, Inc.

PP&L received an operating license from the Nuclear Regulatory Commission in July 1982. Commercial operation of Unit 1 is scheduled to begin on May 15, 1983. Commercial operation of Unit 2 is scheduled to begin in the fourth quarter of 1984.

The original cost of Unit 1 represents 81% of the net original cost of all other plant expected to be serving customers as of July 31, 1983. In addition to the direct engineering, contract and administrative costs of the plant, significant financing costs were required to be capitalized over the almost ten-year construction period of Unit 1. These financing costs amounted to over $450 million or 27% of the $1.7 billion cost of Unit 1.

The benefits of Susquehanna's nuclear generation, however, will substantially offset these increased investment-related costs. Customer benefits (fuel-cost savings and increased sales to other utilities) in the first year of Unit 1's operation are expected to be $186 million.* As a result, the 16.4% net increase in base rates attributable to Unit 1, including the costs to operate and maintain the plant, appears reasonable.

The commercial operation of Susquehanna will result in both short- and long-term customer benefits. It will immediately

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* PP&L is proposing to reduce its ECR to zero when the increased rates reflecting Unit 1 become effective.

improve reliability of PP&L's system and also will provide a diversity of fuel for electric generation, thereby reducing the risk associated with a cutoff of coal or oil supplies. Susquehanna's relatively low fuel costs also will provide long-term economic benefits. Thus, part of the electricity for PP&L's customers that would otherwise be produced by higher operating cost coal- and oil-fired generation will be provided by lower operating cost nuclear generation.

In addition to the fuel-cost savings, customers will benefit from the sale of increased amounts of electricity to other utilities. Generation from PP&L's coal- and oil-fired units is expected to replace more expensive oil-fired generation of other companies within the Pennsylvania-New Jersey-Maryland Interconnection (PJM). With the PJM split savings pricing arrangement, one-half of the total fuel-cost savings from these sales will be realized by PP&L's customers* in the form of lower net energy costs.

Therefore, even though the addition of Susquehanna will result in an initial increase in the cost of service, within the first ten years of operation, Susquehanna is expected to result in a lower cost of electricity than would have occurred without it. The expected long-term economic benefits of Susquehanna are shown on the following page.

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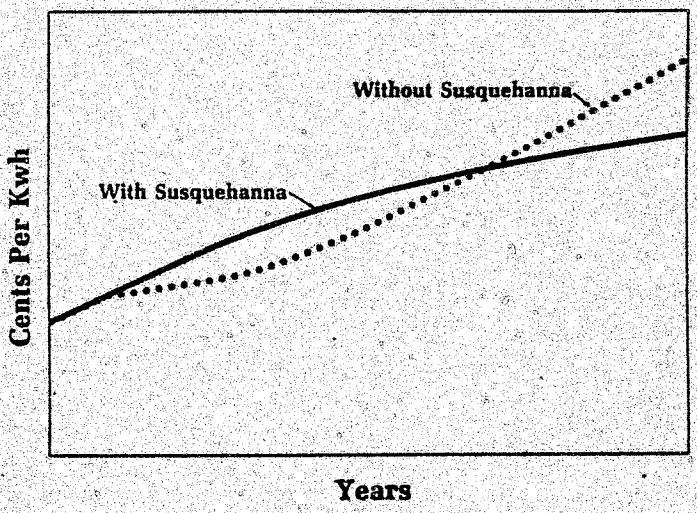
* The other half of the savings will be realized by the other companies in the PJM power pool.

Total Cost of Service per Kilowatt-Hour of Sales



Recover Other Increased Costs

The second reason for this increase is to recover other increases in PP&L's costs (approximately $101 million) not associated with Unit 1. PP&L's last base rate increase became effective on January 1, 1982. Since that time, there have been increases in net plant, financing costs, and operating costs.

PP&L has taken numerous steps over the past several years to hold down its costs and to operate efficiently. The fact that the rates our customers pay are among the lowest in the state attests to the success of these measures.

Another way to judge PP&L's performance is to relate the requested $101 million increase in non-Susquehanna-related costs to the time elapsed since PP&L's last increase. Measured against the rate levels accepted by the Commission's last rate

order (January 1, 1982), the current non-Susquehanna increase amounts to 8.5%. Since this requested rate increase is not expected to become effective until late in August 1983, the annualized non-Unit 1 part of the increase over the 20-month period will be only 4.9%.

Restore Financial Health

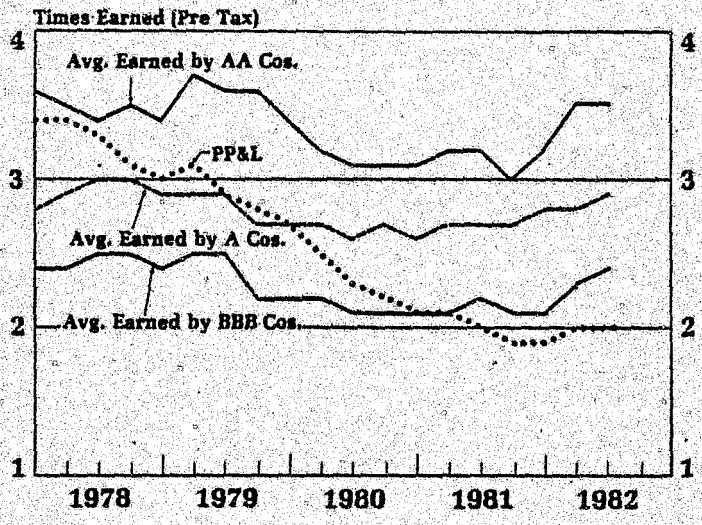
The Company's financial health has deteriorated seriously in the past several years. This deterioration has resulted from the failure to earn a reasonable return on common equity from the operating portion of the business and the need to sell securities to meet the entire construction financing cost of Susquehanna. A positive Commission response to this request for increased rates is needed to reverse this trend and permit the Company to continue to have access to the capital markets, finance construction at reasonable costs and render reliable electric service at the lowest possible rates over the long term.

The Company's need to sell securities will not cease with the completion of Unit 1. Securities must be sold to complete Unit 2, to refinance various outstanding security issues as they mature, and to provide other needs of the business. A financially sound company is vital if PP&L is to continue to be a low-cost supplier of electric service in Pennsylvania.

In appraising a company's overall financial health, a

key indicator is its ability to pay interest incurred in borrowing money. The chart below shows the decline in PP&L's interest coverage over the past five years.

Times Interest Charges Earned
12 Months Ended Quarterly



As the above chart shows, PP&L's pre-tax interest coverage has dropped from the average level of "AA"-rated companies to below the average earned by "BBB"-rated companies. Since the pre-tax interest charges earned ratio is the dominant factor in determining a company's credit rating, it is not surprising that Standard & Poor's reduced PP&L's bond rating from A+ to A in 1980 and further reduced the rating to BBB in 1981. Moody's in 1982 reduced the rating to A2 from AA3.*

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* The numerical modifier (1, 2 or 3) is used by Moody's to give investors a more precise indication of relative debt quality. A1 is better than A2, etc.

The Company's credit rating is not only the principal determinant of the cost of fixed income securities, it is frequently the key to access to capital markets. Many states have legal investment statutes to foster prudent investments by insurance companies, savings banks and other fiduciaries. These statutes prohibit the purchase of securities below a certain interest coverage level or below a certain credit rating. In addition, when credit conditions become tight, the limited number of investors feel more secure buying securities of the higher-rated companies. The lesser-rated companies frequently can find no market for their securities.

Another indication of the Company's financial plight is PP&L's mortgage bond situation. To protect the owners of PP&L's outstanding bonds, the bond indenture provides limits on the amount of bonds which are permitted to be outstanding based on both property and earnings tests. The Company has adequate property to support the issuance of additional bonds. Except in the case where mortgage bonds are being issued in connection with the retirement of a similar amount of bonds, additional bonds can be issued only if earnings (as defined in the mortgage) for a specified twelve-month period are at least equal to two times the annual interest requirements on all bonds to be outstanding.

PP&L's earnings currently are borderline in passing the two times earnings test. As a result, except for the amount of

maturing bonds, it is expected that only a minimal amount of bonds can be issued. Therefore, PP&L will have to rely on bank credit for about $200 million of long-term debt securities it will require in 1983. This is notwithstanding the fact that first mortgage bonds, the cheapest source of long-term debt, only amounted to 41% of PP&L's capitalization at July 31, 1982.

The deterioration in the ratings of the Company's debt securities has also depressed the ratings of the Company's preferred and preference stocks to the following levels:

	Moody's	Standard & Poor's
Preferred	A3	BB +
Preference	Baa2	BB -

No improvement in the credit ratings for debt or preferred stocks can be expected until the common shareowners earn a fair rate of return. They have suffered most from the lack of adequate earnings over the past few years.

It should be noted that PP&L's shareowners are, for the most part, individuals (about 238,000) --- approximately 63% of whom live in Pennsylvania. These individuals bought PP&L stock as a safe income-producing investment to supplement their current income or to provide retirement income. Their median age is 64.6 years. Two-thirds are not employed and nearly one-half are retired. About 183,000 of these shareowners are holders of PP&L's common stock.

The investment results experienced by PP&L's common

shareowners over the recent past are illustrated by the following:

- The book value of a share of common stock (representing the actual value invested per share of $24.56) was 24% higher than its market value ($19.875) as of September 30, 1982.
- Because the Company has been forced to sell stock at market prices substantially below book value to finance its construction program, $6 per share of book value have been wiped out since 1973. The $2.47 per share loss in book value which occurred in the years 1980 and 1981 exceeded the retained earnings in those years by $1.12 per share, and the penalty is continuing in 1982. This dilution of $6 per share in book value through the year 1981 represents a permanent loss in earnings base because PP&L's earnings are limited to a fair return on its invested equity.
- Primarily as a result of inadequate earnings, dividends paid to common shareowners have been classified, under IRS regulations, as 100% nontaxable returns of capital for 1980 and 1981 and the same classification is expected for 1982.
- The return on common equity actually earned on capital devoted to ongoing utility operations,

compared to the 15.75% authorized by the Commission's January 30, 1981 rate order, is 7.05% for 1980, 9.86% for 1981, and is estimated to be 10.60% for the historic test year ended July 31, 1982, and 4.73% for the pro forma future test year ended July 31, 1983, under present rates.

Rate of Return

The requested rates will produce a fair and reasonable rate of return on rate base. Although the requested rate levels are designed to produce a 12.71% rate of return overall and a rate of return on common of 16.2% (see Exhibit Future 1, Schedule B-9), PP&L's rate of return expert is recommending, and his studies support, a minimum rate of return on common equity of 17%. In its order at Docket No. R-80031114, the Commission found an 11.35% rate of return on original cost rate base for PP&L to be reasonable and allowed a rate of return on common equity of 15.75%.*

It is important to note that the average cost of the $292.5 million of First Mortgage Bonds sold by PP&L in 1982 was 15.51%. First Mortgage Bonds are the least risky of all of the

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* See also Pennsylvania Public Utility Commission, et al. v. Pennsylvania Power & Light Company, R-811636. Order entered December 30, 1981.

Company's outstanding securities. It is submitted that common shareowners, who bear a greater risk, should be entitled to a risk premium over and above the market rate for debt securities.

Rate Base

Measures of value for the period ended July 31, 1982 are found in Exhibit Historic 1, Schedule C-1; and measures of value for the period ending July 31, 1983 are found in Exhibit Future 1, Schedule C-1. In general, measures of value include physical facilities and investment components which have been determined consistent with prior Commission approval and acceptance. As indicated above, in an effort to insure a conservative filing, PP&L has attempted to narrow and, in some instances, remove the controversial types of issues presented in typical rate case filings with the Commission.

Operating Income

The results of operations for the periods ended July 31, 1982 and ending July 31, 1983 are found in Schedules D-1 of Exhibits Historic 1 and Future 1. Adjustments made to operating income items are primarily those required to annualize and normalize operating revenues and expenses to levels which exist at the end of both test periods.

Rate Design

As in previous cases, PP&L has prepared cost allocation studies designed to establish the rate of return for each rate class and the relationship of those returns to that of the system under both present and future conditions. Results from these studies indicated that substantial variations in the assignment of increases to the rate classes would be required to achieve parity with the system average return.

It was ultimately concluded that a generally uniform assessment of increases to each rate class was a preferred method to pursue. Except for certain narrow areas, revenue increases assigned in this manner move the rate of return for each class closer to the system average. As a result, percentage increases to rate classes, and indeed to the great majority of individual bills, are within plus or minus 2% of the system average increase.

PENNSYLVANIA POWER & LIGHT COMPANY

B. - BOOK STATEMENTS

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PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1982

Assets and Other Debits

Acct. No.	Title of Account	
	Utility Plant	
	Electric plant	
101	Plant in service	$2,823,923,774
103	Experimental electric plant unclassified	231,650
105	Plant held for future use	38,914,759
107	Construction work in progress	2,664,124,998
	Gross electric plant	5,527,195,181
108	Accumulated provision for depreciation	(800,997,355)
	Net electric utility plant	4,726,197,826
	Steam heat plant	
101	Plant in service	8,481,299
107	Construction work in progress	2,859
	Gross steam heat plant	8,484,158
108	Accumulated provision for depreciation	(4,017,946)
	Net steam heat utility plant	4,466,212
	Net utility plant, less nuclear fuel	4,730,664,038
120.1	Nuclear fuel in process	836,029
	Net Utility Plant	4,731,500,067
	Other Property and Investments	
121	Nonutility property	4,363,244
122	Accumulated provision for depreciation and amortization of nonutility property	(439,048)
	Net nonutility property	3,924,196
123.1	Investment in subsidiary companies	12,660,739
124	Other investments	32,427,766
128	Other special funds	8,184
	Total Other Property and Investments	49,020,885
	Current and Accrued Assets	
131	Cash	5,094,401
132	Interest special deposits	23,756
134	Other special deposits	6,663,345
135	Working funds	657,018
136	Temporary cash investments	900,000
	Notes and accounts receivable	
141	Notes receivable	7,408
142	Customer accounts receivable	
	Electric	93,143,826
	Steam heat	346,009
143	Other accounts receivable	27,046,841
144	Accumulated provision for uncollectible accounts - credit	
	Electric	(4,175,912)
	Steam heat	12,964
	Total notes and accounts receivable	116,381,136
146	Accounts receivable from associated companies	178,767

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1982

Assets and Other Debits (Continued)

Acct. No.	Title of Account	
	Current and Accrued Assets (Continued)	
	Materials and supplies	
151	Fuel stock - electric	$ 153,597,055
151	Fuel stock - steam heat	1,014,831
152	Fuel stock expenses undistributed - electric	361,727
152	Fuel stock expenses undistributed - steam heat	2,506
154	Plant materials and operating supplies - electric	22,241,683
163	Stores expense undistributed - electric	673,712
	Total materials and supplies	177,891,514
165	Prepayments	24,770,912
	Other current and accrued assets	
171	Interest and dividends receivable	10,559
172	Rents receivable	655,406
173	Accrued utility revenues	107,683,031
174	Miscellaneous current and accrued assets	3,978,303
	Total other current and accrued assets	112,327,299
	Total Current and Accrued Assets	444,888,148
	Deferred Debits	
181	Unamortized debt expense	2,934,341
182	Extraordinary property losses	2,253,995
183	Preliminary survey and investigation charges	1,713,689
184	Clearing accounts	276,492
185	Temporary facilities	(28,014)
186	Miscellaneous deferred debits	3,385,503
188	Research and development expenditures	389,646
190	Accumulated deferred income taxes	2,656,758
	Total Deferred Debits	13,582,410
	Total Assets and Other Debits	$5,238,991,510

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1982

Liabilities and Other Credits

Acct. No.	Title of Account	
	Proprietary Capital	
201	Common stock issued	$1,118,034,635
202	Common stock subscribed	87,025
204	Preferred & preference stock issued	771,827,700
207	Premium on capital stock	87,000
210	Gain on resale or cancellation of reacquired capital stock	2,314,297
212	Installments received on capital stock	1,056,758
214	Capital stock expense	(14,880,205)
215.1	Appropriated retained earnings - amortization reserve - Federal	3,062,823
216	Unappropriated retained earnings	503,415,068
216.1	Unappropriated undistributed subsidiary earnings	(881,293)
	Total Proprietary Capital	2,384,123,808
	Long-Term Debt	
221	Bonds	1,899,500,000
224	Other long-term debt	358,847,306
225	Unamortized premium on long-term debt	668,498
226	Unamortized discount on long-term debt - debit	(9,365,862)
		2,249,649,942
	Less amount due within one year	
221	Bonds	236,342,000
224	Other long-term debt	237,644
		236,579,644
	Total Long-Term Debt	2,013,070,298
	Current and Accrued Liabilities	
	Long-term debt due within one year	
221	Bonds	236,342,000
224	Other long-term debt	237,644
231	Notes payable	168,730,000
232	Accounts payable	48,609,573
234	Accounts payable to associated companies	10,204,008
235	Customer deposits	
	Electric	1,841,052
	Steam heat	17,585
236	Taxes accrued	11,769,635
237	Interest accrued	55,316,305
240	Matured interest	23,868
241	Tax collections payable	3,495,455
242	Miscellaneous current and accrued liabilities	27,416,398
	Total Current and Accrued Liabilities	564,003,523

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1982

Liabilities and Other Credits (Continued)

Acct. No.	Title of Account	
	Deferred Credits	
252	Customer advances for construction	$ 163,511
253	Other deferred credits	39,831,679
255	Accumulated deferred investment tax credits	
	Electric	148,704,072
	Steam heat	151,662
281	Accumulated deferred income taxes - accelerated amortization property	
	Certified defense facilities	537,888
	Pollution control facilities	2,270,535
	Total accelerated amortization property	2,808,423
282	Accumulated deferred income taxes - other property	
	Class life depreciation system	
	Electric	41,868,175
	Steam heat	148,320
	Accelerated cost recovery system	
	Electric	4,228,198
	Steam heat	1,476
	Deduction of costs of removing retired depreciable property	
	Electric	15,152,041
	Steam heat	29,855
	Fuel costs - test generation - electric	6,922,686
	Total other property	68,350,751
283	Accumulated deferred income taxes - other	
	Unbilled electric revenues	12,774,734
	Other	5,009,049
	Total other	17,783,783
	Total Deferred Credits	277,793,881
	Total Liabilities and Other Credits	$5,238,991,510

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Net Utility Operating Income
Year Ended July 31, 1982 (a)

Acct. No.	Title of Account	Amount
400	Operating Revenue (B-3)	$1,208,308,967
	Operating Expenses:	
401)	Operation and Maintenance Expense (B-4)	
402)	Power Production	528,314,229
	Transmission	10,811,701
	Distribution	64,563,144
	Customer Accounts	24,928,576
	Customer Service and Informational Expenses	5,654,195
	Sales	975,221
	Administrative and General	65,920,839
	Total Operation and Maintenance Expense	701,167,905
403	Depreciation Expense	88,017,376
407	Amortization of Property Loss	560,095
	Taxes (B-5)	
408	Taxes Other Than Income Taxes	109,330,243
409	Income Taxes	103,583,845
	Deferred Income Taxes	
410.1	Provision	182,999,139
411.1	Deferred in Prior Years - Credit	(229,022,481)
	Investment Tax Credits	
411.4	Deferred	24,591,671
411.4	Amortization of Deferments - Credit	(2,644,267)
	Total Taxes	188,838,150
	Total Operating Expenses	978,583,526
	Operating Income	$ 229,725,441

(a) Data for the five months August 1981-December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Operating Revenue
Year Ended July 31, 1982(a)

Line No.	Description	Amount
	Sales of Electricity	
1	Residential	$ 482,187,314
2	Commercial	340,811,557
3	Industrial	333,297,760
4	Public Authorities	13,210,235
5	Railroads	1,368,091
6	Sales for Resale	30,312,392
7	Interdepartmental Sales	172,784
8	Sales Revenue	1,201,360,133
	Other Operating Revenue	
9	Forfeited Discounts	3,032,555
10	Miscellaneous Service Revenue	176,329
11	Rental of Electric Property	5,110,723
	Other Electric Revenues	
12	Unbilled Revenues	(4,302,336)
13	Other	2,931,563
14	Other Operating Revenue	6,948,834
15	Total Electric Operating Revenue	$1,208,308,967

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Statement of Operation and Maintenance Expenses
Year Ended July 31, 1982(a)

Acct. No.	Title of Account		
	Power Production Expenses		
	Steam Power Generation		
	Operation		
500	Operation Supervision and Engineering		$ 4,465,872
501	Fuel		
	Cost of coal and oil	$638,537,445	
	Other - Fuel unloading, handling, etc.	15,094,716	653,632,161
502	Steam Expenses		10,472,513
505	Electric Expenses		3,310,074
506	Miscellaneous Steam Power Expenses		12,786,674
507	Rents		552,141
	Total Operation		685,219,435
	Maintenance		
510	Maintenance Supervision and Engineering		1,711,375
511	Maintenance of Structures		3,746,711
512	Maintenance of Boiler Plant		42,059,501
513	Maintenance of Electric Plant		13,481,588
514	Maintenance of Miscellaneous Steam Plant		3,270,967
	Total Maintenance		64,270,142
	Total Power Production Expense-Steam Power		749,489,577
	Hydraulic Power Generation		
	Operation		
535	Operation Supervision and Engineering		674,807
536	Water for Power		51,661
537	Hydraulic Expenses		633,394
538	Electric Expenses		525,163
539	Miscellaneous Hydraulic Power Generation Expenses		611,492
540	Rents		1,607
	Total Operation		2,498,124
	Maintenance		
541	Maintenance Supervision and Engineering		95,395
542	Maintenance of Structures		368,959
543	Maintenance of Reservoirs, Dams and Waterways		1,323,274
544	Maintenance of Electric Plant		327,896
545	Maintenance of Miscellaneous Hydraulic Plant		524,631
	Total Maintenance		2,640,155
	Total Power Production Expense-Hydraulic Power		5,138,279

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Statement of Operation and Maintenance Expenses
Year Ended July 31, 1982(a)

Acct. No.	Title of Account		
	Other Power Generation		
	Operation		
546	Operation Supervision and Engineering		$ 126,719
547	Fuel		
	Cost of oil	$ 1,676,531	
	Other-Fuel unloading, handling, etc.	8,578	1,685,109
548	Generation Expenses		105,551
549	Miscellaneous Other Power Generation Expenses		43,258
550	Rents		857,353
	Total Operation		2,817,990
	Maintenance		
551	Maintenance Supervision and Engineering		113,918
552	Maintenance of Structures		193,986
553	Maintenance of Generating and Electric Plant		1,529,768
	Total Maintenance		1,837,672
	Total Power Production Expense-Other Power		4,655,662
	Other Power Supply Expenses		
555	Purchased Power		
	Interchange-Receipts	$ 30,335,496	
	-Deliveries	(269,040,406)	
	Net	(238,704,910)	
	Purchased Power - Firm	3,299,468	
	Installed Capacity	(555,240)	(235,960,682)
556	System Control and Load Dispatching		3,225,291
557	Other Expenses		1,766,102
	Total Other Power Supply Expenses		(230,969,289)
	Total Power Production Expenses		528,314,229
	Transmission Expenses		
	Operation		
560	Operation Supervision and Engineering		1,167,380
561	Load Dispatching		1,842,686
562	Station Expenses		904,791
563	Overhead Line Expenses		82,633
565	Transmission of Electricity by Others		577,701
566	Miscellaneous Transmission Expenses		266,363
567	Rents		43,515
	Total Operation		4,885,069

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Statement of Operation and Maintenance Expenses
Year Ended July 31, 1982(a)

Acct. No.	Title of Account	
	Transmission Expenses (continued)	
	Maintenance	
568	Maintenance Supervision and Engineering	$ 313,591
569	Maintenance of Structures	225,755
570	Maintenance of Station Equipment	2,755,837
571	Maintenance of Overhead Lines	2,006,362
573	Maintenance of Miscellaneous Transmission Plant	625,087
	Total Maintenance	5,926,632
	Total Transmission Expenses	10,811,701
	Distribution Expenses	
	Operation	
580	Operation Supervision and Engineering	2,788,198
581	Load Dispatching	2,416,762
582	Station Expenses	2,150,402
583	Overhead Line Expenses	3,061,787
584	Underground Line Expenses	551,749
585	Street Lighting and Signal System Expenses	436,067
586	Meter Expenses	3,278,361
587	Customer Installations Expenses	2,846,100
588	Miscellaneous Distribution Expenses	5,974,649
589	Rents	1,555,497
	Total Operation	25,059,572
	Maintenance	
590	Maintenance Supervision and Engineering	1,800,690
591	Maintenance of Structures	511,638
592	Maintenance of Station Equipment	3,594,276
593	Maintenance of Overhead Lines	25,664,890
594	Maintenance of Underground Lines	2,301,789
595	Maintenance of Line Transformers	2,965,667
596	Maintenance of Street Lighting and Signal Systems	1,142,323
597	Maintenance of Meters	1,259,353
598	Maintenance of Miscellaneous Distribution Plant	262,946
	Total Maintenance	39,503,572
	Total Distribution Expenses	64,563,144

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Statement of Operation and Maintenance Expenses
Year Ended July 31, 1982(a)

Acct. No.	Title of Account	
	Customer Accounts Expenses	
	Operation	
901	Supervision	$ 493,873
902	Meter Reading Expenses	5,587,857
903	Customer Records and Collection Expenses	13,600,920
904	Uncollectible Accounts	4,509,110
905	Miscellaneous Customer Accounts Expenses	736,816
	Total Customer Accounts Expenses	24,928,576
	Customer Service and Informational Expenses	
	Operation	
907	Supervision	49,174
908	Customer Assistance Expenses	4,871,367
909	Informational and Instructional Expenses	190,790
910	Miscellaneous Customer Service and Information Expenses	542,864
	Total Customer Service and Informational Expenses	5,654,195
	Sales Expenses	
	Operation	
911	Supervision	121,699
912	Demonstrating and Selling Expenses	405,254
913	Advertising Expenses	82,226
916	Miscellaneous Sales Expenses	366,042
	Total Sales Expenses	975,221

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Statement of Operation and Maintenance Expenses
Year Ended July 31, 1982(a)

Acct. No.	Title of Account	
	Administrative and General Expenses	
	Operation	
920	Administrative and General Salaries	$ 19,669,729
921	Office Supplies and Expenses	11,252,591
923	Outside Services Employed	3,479,377
924	Property Insurance	3,061,979
925	Injuries and Damages	2,732,233
926	Employee Pensions and Benefits	20,117,373
928	Regulatory Commission Expenses	159,704
929	Duplicate Charges - Credit	(6,382,875)
930	Miscellaneous General Expenses	8,140,057
931	Rents - Office Buildings	70,252
	Total Operation	62,300,420
	Maintenance	
932	Maintenance of General Plant	3,620,419
	Total Administrative and General Expenses	65,920,839
	Total Electric Operation and Maintenance Expenses	$701,167,905

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Detail of Taxes
Year Ended July 31, 1982(a)

Line No.	Description	Amount
	Taxes Other Than Income Taxes	
	State and Local	
1	Capital Stock	$ 16,996,212
2	Gross Receipts	53,452,213
3	Local Property and Other	244,674
4	Public Utility Realty	29,125,374
5	Regulatory Commission Assessment	1,366,361
6	State Unemployment Compensation	443,623
7	Sales and Use	439,079
8	Total State and Local	102,067,536
	Federal	
9	Unemployment Tax Act	188,936
10	Social Security and Hospital Insurance	7,073,771
11	Total Federal	7,262,707
12	Total Taxes Other Than Income	109,330,243
	Income Taxes	
13	State	26,053,684
14	Federal	77,530,161
15	Total Income Taxes	103,583,845
	Investment Tax Credit	
16	Deferred	24,591,671
17	Amortization of Deferments	(2,644,267)
18	Net Investment Tax Credit	21,947,404

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Detail of Taxes
Year Ended July 31, 1982(a)

Line No.	Description	Amount
	Deferred Income Taxes (b)	
	Provision for Deferred Taxes	
19	Class Life Depreciation (c)	$ (59,539)
20	Accelerated Cost Recovery System Excess Depreciation	4,228,198
21	Removal Cost (c)	46,598
22	Unbilled Revenues - PUC Energy Cost	18,621,016
23	Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	159,928,176
24	Residential Conservation Services Program	153,699
25	Research and Development Expenditures - Demonstration	80,991
26	Total Provision	182,999,139
	Provision for Deferred Taxes - Credit	
27	Conversion to Monthly Billing	(558,036)
28	Public Utility Realty Tax Assessment	(2,287,819)
29	Extraordinary Property Losses	(208,483)
30	Pollution Control Facilities	(126,156)
31	Removal Costs	(778,373)
32	Emergency Facilities	(552,204)
33	Test Power - Martins Creek	(247,980)
34	Class Life Depreciation	(52,932)
35	Research and Development Expenditures - Demonstration	(35,950)
36	Unbilled Revenues - PUC Fuel and Energy Costs	(63,010,522)
37	Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	(161,164,026)
38	Total Credits	(229,022,481)
39	Total Deferred Income Taxes	(46,023,342)
40	Total All Taxes	$ 188,838,150

(a) Data for the five months August 1981 - December 1981 have been restated to reflect retroactive application of a change in accounting to record unbilled revenues adopted in December 1981.

(b) Breakdown of net deferred income taxes between state and federal is shown on Schedule D-17, Page 1.

(c) Adjustment of 1980 deferral recorded in September 1981 based on 1980 Federal income tax return as filed.

PENNSYLVANIA POWER & LIGHT COMPANY

Calculation of the Composite Cost Rate of Long-Term Debt
Year Ended July 31, 1982

	Amount Outstanding ($ Thousands)	Percent to Total	Effective Interest Rate(1)	Average Weighted Cost Rate
First Mortgage Bonds				
10-1/8% Series due 1982	$ 100,000	4.43%	10.32%	0.46%
3-3/8% Series due 1982	7,500	0.33	3.42	0.01
3-1/2% Series due 1983	25,000	1.11	3.53	0.04
9-7/8% Series due 1983-85	100,000	4.43	10.12	0.45
11-3/4% Series due 1984	30,000	1.33	11.89	0.16
15% Series due 1984-86	50,000	2.21	15.15	0.33
3-3/8% Series due 1985	25,000	1.11	3.40	0.04
14-3/4% Series due 1986	50,000	2.21	14.86	0.33
16-1/2% Series due 1987-91	52,000	2.30	16.62	0.38
14% Series due 1990	125,000	5.54	14.15	0.78
4-5/8% Series due 1991	30,000	1.33	4.61	0.06
16-1/8% Series due 1992	100,000	4.43	16.45	0.73
4-5/8% Series due 1994	30,000	1.33	4.59	0.06
5-5/8% Series due 1996	30,000	1.33	5.53	0.07
6-3/4% Series due 1997	30,000	1.33	6.67	0.09
7% Series due 1999	40,000	1.77	7.02	0.12
8-1/8% Series due 1999	40,000	1.77	8.16	0.14
9% Series due 2000	50,000	2.21	9.01	0.20
7-1/4% Series due 2001	60,000	2.66	7.26	0.19
7-5/8% Series due 2002	75,000	3.32	7.64	0.25
7-1/2% Series due 2003	80,000	3.54	7.50	0.27
9-1/4% Series due 2004	80,000	3.54	9.30	0.33
9-3/4% Series due 2005	125,000	5.54	9.91	0.55
9-3/4% Series due 2005	100,000	4.43	9.86	0.44
8-1/4% Series due 2006	150,000	6.64	8.34	0.55
8-1/2% Series due 2007	100,000	4.43	8.67	0.38
15-5/8% Series due 2010	100,000	4.43	15.92	0.71
Pollution Control Series A				
4-7/8% Series due 1983	500	0.02	5.08	-
5-5/8% Series due 2003	24,500	1.08	5.75	0.06
Pollution Control Series B & C				
6% Series B due 1983	70,000	3.10	6.47	0.20
7-7/8% Series C due 2000	4,000	0.18	8.11	0.01
8-1/8% Series C due 2010	16,000	0.71	8.34	0.06
Secured Term Notes	300,000	13.28	15.50(2)	2.06
Nuclear Fuel Trust Notes	57,923	2.56	14.90(3)	0.38
Other Long-Term Debt	924	0.04	2.65(4)	-
Total Long-Term Debt	$2,258,347	100.00%		10.89%

(1) Effective cost rate for each series of First Mortgage Bonds and Pollution Control Bonds as taken from Schedule B-6, Pages 2 and 3.
(2) Prime rate in effect.
(3) A rate equal to the daily average rate of interest and/or debt discount of the Trust's commercial paper notes and revolving notes outstanding. Interest on this debt is payable quarterly.
(4) Weighted average.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of the Effective Cost Rate of First Mortgage Bonds and Pollution Control Bonds
Year Ended July 31, 1982

Description of Issue	Nominal Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Amount Retired	Coupon Rate-%	Premium or (Discount) at Issuance	Issuance Expenses	Net Proceeds	Annual Sinking Fund Requirement(1)	Average Term in Years	Net Proceeds Ratio	Effective Interest Rate
First Mortgage Bonds													
10 1/8% Series due 1982	10-1-74	10-1-82	$100,000,000	$100,000,000	$ -	10-1/8%	$ (875,000)	$155,209	$ 98,969,791	$ -	8	98.97%	10.32%
3 3/8% Series due 1982	9-1-52	9-1-82	7,500,000	7,500,000	-	3-3/8	-	65,489	7,434,511	75,000	30	99.13	3.42
3 1/2% Series due 1983	3-1-53	3-1-83	25,000,000	25,000,000	-	3-1/2	-	145,417	24,854,583	250,000	30	99.42	3.53
9 7/8% Series due 1983-85	4-3-79-6-6-79	6-1-83-6-1-85	100,000,000	100,000,000	-	9-7/8	(500,000)	435,311	99,064,689	-	5	99.06	10.12
11 3/4% Series due 1984	6-27-80	12-15-84	30,000,000	30,000,000	-	11-3/4	-	136,490	29,863,510	-	4	99.55	11.89
15 % Series due 1984-86	2-5-81	2-1-84-2-1-86	50,000,000	50,000,000	-	15	-	220,655	49,779,345	-	4	99.56	15.15
3 3/8% Series due 1985	8-1-55	8-1-85	25,000,000	25,000,000	-	3-3/8	-	130,036	24,869,964	250,000	30	99.48	3.40
14 3/4% Series due 1986	2-11-81-5-12-81	12-12-86	50,000,000	50,000,000	-	14-3/4	-	219,601	49,780,399	-	6	99.56	14.86
16 1/2% Series due 1987-91	10-16-81	9-1-87-9-1-91	52,000,000	52,000,000	-	16-1/2	-	280,098	51,719,902	-	8	99.46	16.62
14 % Series due 1990	12-1-80	12-1-90	125,000,000	125,000,000	-	14	(802,625)	205,383	123,991,992	-	10	99.19	14.15
4 5/8% Series due 1991	12-1-61	12-1-91	30,000,000	30,000,000	-	4-5/8	171,300	92,216	30,079,084	300,000	30	100.26	4.61
16 1/8% Series due 1992	4-1-82	4-1-92	100,000,000	100,000,000	-	16-1/8	(1,358,000)	215,000(est.)	98,427,000	-	10	98.43	16.45
4 5/8% Series due 1994	3-1-64	3-1-94	30,000,000	30,000,000	-	4-5/8	300,000	153,425	30,146,575	300,000	30	100.49	4.59
5 5/8% Series due 1996	6-1-66	6-1-96	30,000,000	30,000,000	-	5-5/8	470,970	54,725	30,416,245	300,000	30	101.39	5.53
6 3/4% Series due 1997	11-1-67	11-1-97	30,000,000	30,000,000	-	6-3/4	378,300	54,843	30,323,457	300,000	30	101.08	6.67
7 % Series due 1999	1-1-69	1-1-99	40,000,000	40,000,000	-	7	(36,400)	65,884	39,897,716	-	30	99.74	7.02
8 1/8% Series due 1999	6-1-69	6-1-99	40,000,000	40,000,000	-	8-1/8	(80,000)	65,906	39,854,094	-	30	99.64	8.16
9 % Series due 2000	3-1-70	3-1-00	50,000,000	50,000,000	-	9	24,500	74,788	49,949,712	-	30	99.90	9.01
7 1/4% Series due 2001	2-1-71	2-1-01	60,000,000	60,000,000	-	7-1/4	30,000	96,892	59,933,108	-	30	99.89	7.26
7 5/8% Series due 2002	2-1-72	2-1-02	75,000,000	75,000,000	-	7-5/8	(35,250)	110,041	74,854,709	-	30	99.81	7.64
7 1/2% Series due 2003	1-1-73	1-1-03	80,000,000	80,000,000	-	7-1/2	79,200	115,987	79,963,213	-	30	99.95	7.50
9 1/4% Series due 2004	4-1-74	4-1-04	80,000,000	80,000,000	-	9-1/4	(298,400)	129,660	79,571,940	-	30	99.46	9.30
9 3/4% Series due 2005	5-1-75	5-1-05	125,000,000	125,000,000	-	9-3/4	(1,710,750)	143,454	123,137,796	-	30	98.51	9.91
9 3/4% Series due 2005	11-1-75	11-1-05	100,000,000	100,000,000	-	9-3/4	(875,000)	142,078	98,982,922	-	30	98.98	9.86
8 1/4% Series due 2006	12-1-76	12-1-06	150,000,000	150,000,000	-	8-1/4	(1,312,500)	208,229	148,479,271	-	30	98.99	8.34
8 1/2% Series due 2007	12-1-77	12-1-07	100,000,000	100,000,000	-	8-1/2	(1,589,000)	196,460	98,214,540	-	30	98.21	8.67
15 5/8% Series due 2010	4-1-80	4-1-10	100,000,000	100,000,000	-	15-5/8	(1,641,000)	196,594	98,162,406	-	30	98.16	15.92

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of the Effective Cost Rate of First Mortgage Bonds and Pollution Control Bonds
Year Ended July 31, 1982

Description of Issue	Nominal Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Amount Retired	Coupon Rate-%	Premium or (Discount) at Issuance	Issuance Expenses	Net Proceeds	Annual Sinking Fund Requirement(1)	Average Term in Years	Net Proceeds Ratio	Effective Interest Rate
Pollution Control Series A													
1/2% Series due 1977	5-1-73	5-1-77	500,000	-	500,000	-					4		4.95
1/2% Series due 1978	5-1-73	5-1-78	500,000	-	500,000	-					5		4.86
5/8% Series due 1979	5-1-73	5-1-79	500,000	-	500,000	-					6		4.94
5/8% Series due 1980	5-1-73	5-1-80	500,000	-	500,000	-					7		4.90
3/4% Series due 1981	5-1-73	5-1-81	500,000	-	500,000	-	(268,335)	179,720	27,551,945	-	8	98.40	5.00
3/4% Series due 1982	5-1-73	5-1-82	500,000	-	500,000	-					9		4.97
7/8% Series due 1983	5-1-73	5-1-83	500,000	500,000	-	4-7/8					10		5.08
5/8% Series due 2003	5-1-73	5-1-03	24,500,000	24,500,000	-	5-5/8					23		5.75
Pollution Control Series B and C													
% Series B due 1983	6-1-80	4-1-83	70,000,000	70,000,000	-	6	(673,400)	199,677	69,126,923	-	3	98.75	6.47
7/8% Series C due 2000	6-1-80	4-1-00	4,000,000	4,000,000	-	7-7/8	(81,480)	11,410	3,907,110	-	20	97.68	8.11
1/8% Series C due 2010	6-1-80	4-1-10	16,000,000	16,000,000	-	8-1/8	(325,920)	45,640	15,628,440	-	29	97.68	8.34
Secured term notes	7-21-82	3-31-91	300,000,000	300,000,000	-	(2)	-	-	300,000,000	-	N/A	N/A	15.50(2)
Nuclear fuel trust notes	4-7-82 & 4-8-82	2-1-87	100,000,000	57,922,974	42,077,026	(3)	-	-	100,000,000	-	N/A	N/A	14.90(3)
Other long-term debt	3-4-74- 4-21-82	5-1-75- 3-8-89	1,754,520	924,332	830,188	0-8%	-	-	N/A	-	N/A	N/A	2.65(4)

Notes: (1) The sinking fund requirements may be met with property additions or bonds.
(2) Prime rate in effect.
(3) A rate equal to the daily average rate of interest and/or debt discount of the Trust's commercial paper notes and revolving notes outstanding.
(4) Weighted average.

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PENNSYLVANIA POWER & LIGHT COMPANY

Composite Cost Rate of Preferred and Preference Stock
Year Ended July 31, 1982

	Amount Outstanding ($ Thousands)	Percent to Total	Effective Cost Rate(1)	Weighted Cost Rate
4-1/2% Preferred	$ 53,019	6.87%	5.03%	0.35%
Series Preferred				
3.35%	4,178	0.54	3.37	0.02
4.60%	6,300	0.82	4.79	0.04
4.40%	22,878	2.96	4.46	0.13
9.00%	7,763	1.01	9.16	0.09
8.60%	22,237	2.88	8.75	0.25
7.40%	33,600	4.35	7.46	0.32
9.24%	68,619	8.89	9.47	0.84
8.00%	50,000	6.48	8.06	0.52
7.75%	60,000	7.77	7.80	0.61
8.00%, Second	10,000	1.30	8.06	0.10
7.50%	15,000	1.94	7.54	0.15
8.25%	50,000	6.48	8.29	0.54
8.75%	60,000	7.77	8.82	0.69
10.75%	26,500	3.43	10.83	0.37
Preference				
$ 8.40	40,000	5.18	8.55	0.44
$ 8.70	40,000	5.18	8.84	0.46
$ 8.00	35,000	4.54	8.14	0.37
$13.00	20,747	2.69	13.53	0.36
$11.00	44,987	5.83	11.40	0.66
$ 8.625	51,000	6.61	8.68	0.57
$15.00	50,000	6.48	16.07	1.04
Total Preferred and Preference Stock	$771,828	100.00%		8.92%

(1) Effective cost rate for each series taken from Schedule B-7, Page 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Preferred and Preference Stock Effective Cost Rate by Series
Year Ended July 31, 1982

scription of Issue	Date of Issue	Amount Issued	Amount Outstanding	Amount Retired	Gain on Reacquisition	Issuance Expenses Net of Premium	Average Principal Amount to be Outstanding(1)	Net Proceeds(2)	Sinking Fund Requirements Annual Requirements (Shares)	Sinking Fund Requirements Redemption Period	Nominal Dividend Rate	Net Proceeds Ratio(3)	Effective Cost Rate(4)
mulative Preferred Stock													
3.35% Series	5-2-46	$ 4,178,300	$ 4,178,300	$ -	$ -	$ 21,029	$ 4,178,300	$ 4,157,271	-	-	3.35%	99.50%	3.37%
4.60% Series	10-21-48	6,300,000	6,300,000	-	-	248,899	6,300,000	6,051,101	-	-	4.60	96.05	4.79
4.40% Series	8-5-52	22,877,300	22,877,300	-	-	316,821	22,877,300	22,560,479	-	-	4.40	98.62	4.46
4-1/2% Series	12-10-45 12-22-54	53,018,900	53,018,900	-	-	154,373(5)	53,018,900	47,435,627*	-	-	4.50	89.47	5.03
9.00% Series	1-14-70	7,763,000	7,763,000	-	-	138,310	7,763,000	7,624,690	-	-	9.00	98.22	9.16
8.60% Series	1-21-70	22,237,000	22,237,000	-	-	393,860	22,237,000	21,843,140	-	-	8.60	98.23	8.75
7.40% Series	8-15-73	40,000,000	33,600,000	6,400,000	-	191,432	24,000,000	23,808,568	16,000	1983-2003	7.40	99.20	7.46
9.24% Series	6-8-76	75,000,000	68,619,000	6,381,000	1,696,917	1,074,709	43,965,517	42,890,808	30,000	1983-2005	9.24	97.56	9.47
8.00% Series	10-19-77	50,000,000	50,000,000	-	-	233,062	31,000,000	30,766,938	25,000	1983-2002	8.00	99.25	8.06
7.75% Series	8-8-78	60,000,000	60,000,000	-	-	293,899	48,000,000	47,706,101	120,000	1984-1988	7.75	99.39	7.80
8.00% Second Series	1-16-79	10,000,000	10,000,000	-	-	60,696	8,000,000	7,939,304	20,000	1985-1989	8.00	99.24	8.06
7.50% Series	2-1-79	15,000,000	15,000,000	-	-	78,305	15,000,000	14,921,695	150,000	1985	7.50	99.48	7.54
8.25% Series	7-2-79	50,000,000	50,000,000	-	-	210,747	40,000,000	39,789,253	100,000	1985-1989	8.25	99.47	8.29
8.75% Series	11-8-79	60,000,000	60,000,000	-	-	298,568	37,200,000	36,901,432	30,000	1985-2004	8.75	99.20	8.82
10.75% Series	10-31-80	26,500,000	26,500,000	-	-	161,250	21,200,000	21,038,750	53,000	1986-1990	10.75	99.24	10.83
mulative Preference Stock													
$ 8.40 Series	12-8-70	40,000,000	40,000,000	-	-	678,905	40,000,000	39,321,095	-	-	8.40	98.30	8.55
$ 8.70 Series	7-15-71	40,000,000	40,000,000	-	-	621,621	40,000,000	39,378,379	-	-	8.70	98.45	8.84
$ 8.00 Series	7-11-72	35,000,000	35,000,000	-	-	582,445	35,000,000	34,417,555	-	-	8.00	98.34	8.14
$13.00 Series	10-10-74	25,000,000	20,747,200	4,252,800	44,180	588,849	15,156,250	14,567,401	12,500	1982-1998	13.00	96.11	13.53
$11.00 Series	8-28-75	50,000,000	44,987,000	5,013,000	773,201	1,084,493	31,000,000	29,915,507	25,000	1983-2000	11.00	96.50	11.40
$ 8.625 Series	1-25-80	51,000,000	51,000,000	-	-	253,729	40,800,000	40,546,271	102,000	1986-1990	8.625	99.38	8.68
$15.00 Series	12-17-81	50,000,000	50,000,000	-	-	2,119,836	31,730,769	29,610,933	25,000	1988-2007	15.00	93.32	16.07

fter deducting $5,428,900 attributable to cost of Company refinanced issues carried forward.

es: (1) Determined by taking into account the effect of annual sinking fund requirements for those series which have such a requirement which are met by the retirement of shares which reduce the principal amount available for use by the Company. A calculation of the full cost to the Company must include the effect of such principal repayments which have been made by determining the sum of the principal amounts outstanding during each year and dividing by the number of years the series is to be outstanding.

(2) Average principal amount to be outstanding less issuance expenses net of premium.

(3) Net proceeds related to the average principal to be outstanding.

(4) The effective cost rate is computed by dividing the nominal dividend rate by the net proceeds ratio.

(5) Includes $87,000 premium.

PENNSYLVANIA POWER & LIGHT COMPANY

Capital Structure

Line No.		1976	1977	1978	1979	1980	1981	July 31, 1982
	Capitalization (Millions of Dollars)							
1	Long-Term Debt	1,182.0	1,260.5	1,257.3	1,557.2	1,811.7	2,165.4	2,249.7
2	Preferred and Preference Stock	441.4	487.4	543.4	672.8	742.2	775.6	771.8
3	Common Equity	722.8	859.3	982.4	1,113.4	1,250.7	1,435.4	1,612.3
4	Total	2,346.2	2,607.2	2,783.1	3,343.4	3,804.6	4,376.4	4,633.8
	Capitalization Ratios (Percent)							
5	Long-Term Debt	50.4	48.3	45.2	46.6	47.6	49.5	48.5
6	Preferred and Preference Stock	18.8	18.7	19.5	20.1	19.5	17.7	16.7
7	Common Equity	30.8	33.0	35.3	33.3	32.9	32.8	34.8
8	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PENNSYLVANIA POWER & LIGHT COMPANY

Rate of Return at July 31, 1982

Line No.		Capitalization Ratio (B-8)	Embedded Cost	Return
1	Long-Term Debt	48.5%	10.89% (B-6)	5.28%
2	Preferred and Preference	16.7	8.92 (B-7)	1.49
3	Common	34.8	16.20	5.64
4	Total	100.0%		12.41%

PENNSYLVANIA POWER & LIGHT COMPANY

C - MEASURES OF VALUE

Index

C-1	Measures of Value and Rates of Return
C-2	Electric Plant in Service
C-3	Electric Plant Held for Future Use
C-4	Construction Work in Progress - Pollution Control Projects
C-5	Working Capital
C-6	Fuel Stock and Material and Operating Supplies
C-7	Accumulated Deferred Taxes on Income

PENNSYLVANIA POWER & LIGHT COMPANY

Measures of Value and Rate of Return
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Original Cost Total Amount	Total Reference	PPUC Jurisdictional Exhibit AJB2
	Electric Plant			
1	Electric plant in service	$2,823,924	C-2	$2,745,859
2	Reserve for depreciation	801,108	C-2	778,684
3	Net electric plant in service	2,022,816		1,967,175
	Additions and deductions			
4	Electric plant held for future use	18,945	C-3	18,215
5	Pollution control projects	18,887	C-4	18,103
6	Retirements associated with pollution control projects	(186)		(178)
7	Net additions and deductions	37,646		36,140
8	Total electric plant (net)	2,060,462		2,003,315
	Working Capital			
9	Cash working capital	25,929	C-5	25,102
10	Fuel stock and materials and operating supplies	187,672	C-6	181,329
11	Total working capital	213,601		206,431
	Deductions			
12	Accumulated deferred taxes on income	74,560	C-7	72,502
13	Customer advances for construction	164	B-1	164
14	Customer deposits	1,841	B-1	1,841
15	Total deductions	76,565		74,507
16	Measures of value (net)	$2,197,498		$2,135,239
	Pro forma return at present rates			
	Dollars (D-1, column 4)			$ 231,807
	Percent			10.86%
	Pro forma return at proposed rates			
	Dollars (D-1, column 6)			$ 345,431
	Percent			16.18%

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant in Service - Original Cost
As of July 31, 1982 (a)
(Thousands of Dollars)

Line No.	Description	Amount
1	Steam production	$1,162,846
2	Hydraulic production	35,031
3	Other production	33,644
4	Total production	1,231,521
5	Transmission	376,470
6	Distribution	1,110,464
7	General	104,824
8	Intangible	645
9	Total electric plant in service	$2,823,924

(a) Electric plant in service detail by account is provided in Exhibit DSH 1, Section 3.

PENNSYLVANIA POWER & LIGHT COMPANY

Reserve for Depreciation - Original Cost
As of July 31, 1982 (a)
(Thousands of Dollars)

Line No.	Description	Amount
1	Steam production	$365,351
2	Hydraulic production	15,666
3	Other production	19,760
4	Total production	400,777
5	Transmission	72,339
6	Distribution	303,769
7	General	24,223
8	Intangible	-
9	Total reserve for depreciation	$801,108

(a) Exhibit DSH 1, Section 3.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant Held for Future Use
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
	Production Plant	
1	Land for future generating stations	$ 4,014
2	Land for expansion at existing generating stations	1,927
3	Total production plant	5,941
	Transmission Plant	
4	Rights of way for proposed transmission lines	800
5	Land for proposed substation	179
6	Total transmission plant	979
	Distribution Plant	
	69-138 KV	
7	Rights of way for proposed distribution lines	7,579
	Primary	
8	Rights of way for proposed distribution lines	40
9	Land for proposed substation sites	1,520
	Secondary	
10	Other distribution property	262
11	Total distribution plant	9,401
	General Plant	
12	Land for future buildings	2,448
13	Other general property	176
14	Total general plant	2,624
15	Total	$18,945

Amounts claimed for electric plant held for future use represent investment in land and land rights of way required for facilities which must be built in future years to accommodate the growing needs of customers. These sites were acquired in advance of the actual construction dates since sites which meet system requirement as well as being acceptable from an environmental and other ecological standpoints are becoming more difficult to obtain and may not be available when the facilities are needed. The Company's total investment in electric plant held for future use at July 31, 1982 is $38,915,000. The above claim of $18,945,000 represents that property estimated to be in-service within a reasonable period of time (10 years) or which has a definite plan for use.

PENNSYLVANIA POWER & LIGHT COMPANY

Pollution Control Projects
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount(a)
	Martins Creek Plant	
1	Install pumps, controls, and pipe to control the discharge of incidental plant runoff in accordance with the requirements of the Pennsylvania Department of Environmental Resources	$ 343(b)
2	Install telemetry equipment on Units 1 and 2 so that flue gas emission monitor data can be collected, tabulated, and reported in accordance with the requirements of the Pennsylvania Department of Environmental Resources	47
3	Replace and reroute the Unit 1 and 2 boiler blowdown line to eliminate the discharge of hot water to the Delaware River which may occur in violation of Federal National Pollutant Discharge Elimination System permits and regulations	196(b)
4	Total Martins Creek	586
	Sunbury Plant	
5	Install dampers which seal air in the ductwork of the Unit 1 and 2 baghouse to allow maintenance to be performed while the dust collector remains in operation	114
6	Provide additional fly ash storage facilities to conform to the National Pollutant Discharge Elimination System Guidelines and the Pennsylvania Department of Environmental Resources regulations.	1,097
7	Raise the dike of Ash Basin #3 to provide additional fly ash storage in conformance with the National Pollutant Discharge Elimination System Guidelines and the Pennsylvania Department of Environmental Resources regulations	1,753

(a) Estimated expenditures through July 31, 1983
(b) Related retirements net of calculated depreciation shown on page 5

PENNSYLVANIA POWER & LIGHT COMPANY

Pollution Control Projects
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount(a)
	Sunbury Plant (Continued)	
1	Install level indicators in the hoppers of the Unit 3 and 4 electrostatic precipitators to improve fly ash removal capability and, thereby, maintain opacity and particulate emissions in compliance with regulations of the Pennsylvania Department of Environmental Resources	$ 313
2	Install more reliable sump pumps to control discharge of incidental plant wastes and coalpile runoff in accordance with requirements of the Pennsylvania Department of Environmental Resources	541(b)
3	Purchase and install a system for the control of pH in the fly ash slurry piped to Ash Basin #3 and, thereby, ensure compliance with the Pennsylvania Clean Streams Law and National Pollutant Discharge Elimination System permit requirements	167
4	Total Sunbury	3,985
	Holtwood Plant	
5	Install pumps, controls and pipe to control the discharge of incidental plant runoff in accordance with the requirements of the Pennsylvania Department of Environmental Resources	153(b)
6	Total Holtwood	153
	Brunner Island Plant	
7	Install telemetry equipment on Units 1, 2 and 3 so that flue gas emission monitor data can be collected, tabulated, and reported in accordance with the requirements of the Pennsylvania Department of Environmental Resources	50

(a) Estimated expenditures through July 31, 1983
(b) Related retirements net of calculated depreciation shown on page 5

PENNSYLVANIA POWER & LIGHT COMPANY

Pollution Control Projects
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount (a)
	Brunner Island Plant (Continued)	
1	Install control modifications, monitoring, and indication in order to maintain thermal discharges in compliance with National Pollutant Discharge Elimination System and Pennsylvania Department of Environmental Resources permits	$ 319
2	Purchase and install a system for the control of pH in Ash Basin #6 in order to ensure that the effluent is in compliance with the Pennsylvania Clean Streams Law and National Pollution Discharge Elimination System permit requirements	891
3	Purchase and install a system for the control of pH in the Incidental Waste Treatment Basin in order to ensure that the effluent is in compliance with the Pennsylvania Clean Streams Law and National Pollution Discharge Elimination System permit requirements	953 (b)
4	Modify and upgrade the Unit 2 fly ash removal system to improve fly ash removal capability and, thereby, maintain opacity and particulate emissions in compliance with the regulations of the Pennsylvania Department of Environmental Resources	655 (b)
5	Purchase and install a system for the control of pH in Ash Basin #4 in order to ensure that the effluent is in compliance with the Pennsylvania Clean Streams Law and National Pollutant Discharge Elimination System permit requirements	735
6	Total Brunner Island	3,603

(a) Estimated expenditures through July 31, 1983
(b) Related retirements net of calculated depreciation shown on page 5

PENNSYLVANIA POWER & LIGHT COMPANY

Pollution Control Projects
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount(a)
	Montour Plant	
1	Install telemetry equipment on Units 1 and 2 so that flue gas emission monitor data can be collected, tabulated, and reported in accordance with the requirements of the Pennsylvania Department of Environmental Resources	$ 25
2	Develop an area in Disposal Area #2 for the disposal of dry fly ash in compliance with the National Pollutant Discharge Elimination System Guidelines and the Pennsylvania Department of Environmental Resources regulations	177
3	Install a complete fly ash handling system for Units No. 1 and 2 to eliminate discharge of arsenic laden ash conveyance to the Chillisquaque Creek	8,938
4	Install a pH control system in order to keep the detention basin discharge in compliance once the dry fly ash handling system is installed	1,420
5	Total Montour	10,560
6	Total pollution control projects	$18,887

(a) Estimated expenditures through July 31, 1983
(b) Related retirements net of calculated depreciation shown on page 5

PENNSYLVANIA POWER & LIGHT COMPANY

Retirements Associated with Pollution Control Projects
As of July 31, 1982 (a)
(Thousands of Dollars)

Line No.	Account No.	Description	Amount
		Steam Production	
1	311	Sunbury S.E.S.	$ 58
2	312	Martins Creek #1 and #2 S.E.S.	65
3	312	Martins Creek #3 and #4 S.E.S.	64
4	311 & 312	Brunner Island S.E.S.	39
5	311	Holtwood S.E.S.	69
6		Total Retirements	295
7		Less: Depreciation	109
8		Net retirements	$186

(a) Exhibit DSH3, Section 3.

PENNSYLVANIA POWER & LIGHT COMPANY

Cash Working Capital
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
1	Operation and maintenance expenses (page 2)	$35,455
2	Average prepayments (page 3)	2,188
3	Accrued tax adjustment (page 4)	6,508
4	Interest payment (page 5)	(17,250)
5	Preferred dividend payment (page 6)	(972)
6	Total cash working capital requirement	$25,929

PENNSYLVANIA POWER & LIGHT COMPANY

Working Capital Required for Operation and Maintenance Expenses
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description		Average Days	
1	Revenue from 15-day due date customers	$ 648,820	33(a)	$21,411,060
2	Revenue from 20-day due date customers	491,215	34	16,701,310
3	Revenue from 30-day due date customers	103,049	39	4,018,911
4	Interchange (net)	238,705	36	8,593,380
	Total revenue	$1,481,789		$50,724,661
	Less:			
	Average lag in payment of operation and maintenance expenses:			
6	Salary payroll	$ 130,966	11	1,440,626
7	Hourly payroll	14,552	16	232,832
8	Employee benefits	26,615	1	26,615
9	Bituminous coal	340,126	25	8,503,150
10	Anthracite	13,139	40	525,560
11	Coal freight bills	73,173	19	1,390,287
12	Petroleum coke	1,450	37	53,650
13	Oil	12,268	15	184,020
14	Martins Creek Unit #3 & #4 oil	191,563	14	2,681,882
15	Martins Creek Unit #3 & #4 oil transportation	8,495	28	237,860
16	Other	139,099	31	4,312,069
17	Total (b)	$ 951,446		$19,588,551
18	Average lag in receipt of revenue ($50,724,661 ÷ $1,481,789)			34.2
19	Average lag in payment of operating expenses ($19,588,551 ÷ $951,446)			20.6
20	Average lag in days between payment of operating expenses and receipt of revenues (line 18-line 19)			13.6
21	Operation and maintenance expenses			$951,446
22	Per day ($951,446 ÷ 365 days)			$ 2,607
23	Requirement ($2,607 x 13.6 days)			$ 35,455

		CUSTOMER DUE DATE		
		15 days	20 days	30 days
(a)	Mid point of 30-day service period	15 days	15 days	15 days
	Lag between meter reading and billing date	4	4	4
	Lag between billing date and payment date	14	15	20
		33	34	39

(b)	Pro forma operation and maintenance expense (D-1, col. 3)	$717,250
	Net interchange delivered - classified as revenue for purposes of this schedule (B-4)	238,705
	Total	955,955
	Less non-cash items:	
	Uncollectible accounts expense per books (B-4)	4,509
	Total	$951,446

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Average Prepayments Excluding Taxes
As of July 31, 1982
(Thousands of Dollars)

Line No.	Month	Insurance	Rents	Vehicle Registration	Postage	Total
1	July 1981	$ 1,298	$ 373	$ 360	$ 63	$ 2,094
2	August	963	287	325	47	1,622
3	September	679	130	351	85	1,245
4	October	497	358	311	68	1,234
5	November	662	232	270	59	1,223
6	December	2,164	90	230	60	2,544
7	January 1982	2,663	332	189	84	3,268
8	February	2,315	200	174	123	2,812
9	March	1,955	65	133	31	2,184
10	April	1,750	302	460	48	2,560
11	May	1,380	198	427	76	2,081
12	June	2,386	37	396	97	2,916
13	July	1,957	250	357	102	2,666
14	Total	$20,669	$2,854	$3,983	$943	$28,449
15	Monthly Avg.	$ 1,590	$ 220	$ 306	$ 72	$ 2,188

PENNSYLVANIA POWER & LIGHT COMPANY

Accrued Tax Adjustment
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Reference	Amount	12-Month Average Factor	Adjustment for Accrued Taxes
1	Federal income tax	D-1, line 5, col. 3 + col. 5	$ 17,374	(7.89)%	$(1,371)
2	Pennsylvania income tax	(a)	42,921	(14.76)	(6,335)
3	Pennsylvania gross receipts tax	(b)	64,191	13.36	8,576
4	Pennsylvania capital stock tax	(c)	18,523	13.36	2,475
5	Pennsylvania public utility realty tax	B-5	29,125	10.86	3,163
6	Total				$ 6,508

(a) Pennsylvania income tax

$28,520 (D-1, line 6, col. 3 + col. 5) x 10.5/6.977 = $42,921

(b) Pennsylvania gross receipts tax

Amount per books (B-5)		$53,452
Adjustment due to annualized revenue (D-15, page 3)	143	
Adjustment due to proposed increase (D-16, page 6)	4,630	
Total	$4,773	
$4,773 x 45 mills / 20 mills =		10,739
		$64,191

(c) Pennsylvania capital stock tax

Amount per books (B-5)	16,996	
Adjustment due to tax surcharge recovery (D-15, page 1)	(6,564)	
Adjustment due to proposed increase (D-16, page 6)	682	
Total	$11,114	
$11,114 x 10 mills / 6 mills =		$18,523

Note: The 12 month average factor shown above represents, in the case of Federal and State income tax, the portion of the income tax liability which is available to the Company for the payment of other costs. This situation exists since revenues are available from customers prior to payment dates of the tax. The factors for the other Pennsylvania taxes represent the portions of those tax liabilities which must be provided by the Company due to payment of the taxes before the revenues are available from customers. See Exhibit Historic 1, Schedule C-5, pages 7 through 12 for computation of factor.

PENNSYLVANIA POWER & LIGHT COMPANY

Interest Payments
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount	Semi-Annual	Quarterly
1	Measures of value at July 31, 1982 (C-1)	$2,197,498	$2,197,498	$2,197,498
2	Capitalization ratio: Long term debt (B-8)	48.5%	48.5%	48.5%
3	Embedded debt cost (B-6)	10.89%	10.51%	.38%
4	Pro-forma interest (line 1 x 2 x 3)	$ 116,064	$ 112,014	$ 4,050
5	Daily amount (line 4 ÷ 365)		$ 307	$ 11
6	Days to mid-point of interest payment		90.0	45.0
7	Less: Revenue lag days (a)		34.2	34.2
8	Interest lag days		55.8	10.8
9	Interest offset to measures of value (line 5 x line 8)	$ 17,250	$ 17,131	$ 119

(a) Exhibit Historic 1, Schedule C-5, page 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Preferred Dividend Payments
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description		Amount
1	Measures of value at July 31, 1982 (C-1)		$2,197,498
2	Capitalization ratio: Preferred & preference stock (B-8)		16.7%
3	Embedded preferred cost (B-7)		8.92%
4	Pro-forma dividends (line 1 x 2 x 3)		$ 32,735
5	Daily amount (line 4 ÷ 365)		$ 90
6	Days to midpoint of preferred dividend payments	45.0	
7	Less: Revenue lag days (a)	34.2	
8	Preferred & preference lag days		10.8
9	Preferred & preference stock dividend offset to measures of value (line 5 x line 8)		$ 972

(a) Exhibit Historic 1, Schedule C-5, page 2.

PENNSYLVANIA POWER AND LIGHT COMPANY

AVERAGE PERCENT OF FEDERAL INCOME TAX AVAILABLE AFTER PAYOUT

Line No.		TOTAL	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	Prior Year Available in Current Year													
1	Cumulative Collections		98.84	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2	Cumulative Payments		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
3	Prior Year Available	(1.16)	(1.16)	-	-	-	-	-	-	-	-	-	-	-
	Current Year Available in Current Year													
4	Cumulative Collections		2.28	10.18	19.20	28.17	36.32	44.16	51.72	59.63	67.74	75.72	83.66	92.02
	Cumulative Payments													
5	April 15 25%					12.50	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
6	June 15 25%							12.50	25.00	25.00	25.00	25.00	25.00	25.00
7	Sept. 15 25%										12.50	25.00	25.00	25.00
8	Dec. 15 25%													12.50
9	Current Year Available	95.80	2.28	10.18	19.20	15.67	11.32	6.66	1.72	9.63	5.24	0.72	8.66	4.52
10	Total - Prior Year and Current Year Available	94.64	1.12	10.18	19.20	15.67	11.32	6.66	1.72	9.63	5.24	0.72	8.66	4.52
11	Average Percent Available	7.89												

NOTE: Payments
April 15 25%
June 15 25%
Sept. 15 25%
Dec. 15 25%

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PENNSYLVANIA POWER AND LIGHT COMPANY

AVERAGE PERCENT OF STATE INCOME TAX AVAILABLE AFTER PAYOUT

Line No.		TOTAL	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	Prior Year Available in Current Year													
1	Cumulative Collections		98.84	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	Cumulative Payments													
2	Previous Year - 90%		90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
3	April 15 - 10%					5.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Prior Year Available	33.84	8.84	10.00	10.00	5.00	-	-	-	-	-	-	-	-
	Current Year Available in Current Year													
5	Cumulative Collections		2.28	10.18	19.20	28.17	36.32	44.16	51.72	59.63	67.74	75.72	83.66	92.02
	Cumulative Payments													
6	April 15 22.5%					11.25	22.50	22.50	22.50	22.50	22.50	22.50	22.50	22.50
7	June 15 22.5%							11.25	22.50	22.50	22.50	22.50	22.50	22.50
8	Sept. 15 22.5%										11.25	22.50	22.50	22.50
9	Dec. 15 22.5%													11.25
10	Current Year Available	143.30	2.28	10.18	19.20	16.92	13.82	10.41	6.72	14.63	11.49	8.22	16.16	13.27
11	Total - Prior Year and Current Year Available	177.14	11.12	20.18	29.20	21.92	13.82	10.41	6.72	14.63	11.49	8.22	16.16	13.27
11	Average Percent Available	14.76												

NOTE: Payments
April 15 22.5% This Year
June 15 22.5% This Year
Sept. 15 22.5% This Year
Dec. 15 22.5% This Year
April 15 10% Next Year

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PENNSYLVANIA POWER AND LIGHT COMPANY

AVERAGE PERCENT OF PA. GROSS RECEIPTS TAX AND
PA. CAPITAL STOCK TAX AVAILABLE AFTER PAYOUT

Line No.		TOTAL	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	Prior Year Available in Current Year													
1	Cumulative Collections		98.84	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	Cumulative Payments													
2	Previous Year - 90%		90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
3	April 15 - 10%					5.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
4	Prior Year Available	33.84	8.84	10.00	10.00	5.00	-	-	-	-	-	-	-	-
	Current Year Available in Current Year													
5	Cumulative Collections		2.28	10.18	19.20	28.17	36.32	44.16	51.72	59.63	67.74	75.72	83.66	92.02
	Cumulative Payments													
6	April 15 90%					45.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00
7	Current Year Available	(194.20)	2.28	10.18	19.20	(16.83)	(53.68)	(45.84)	(38.28)	(30.37)	(22.26)	(14.28)	(6.34)	2.02
8	Total - Prior Year and Current Year Available	(160.36)	11.12	20.18	29.20	(11.83)	(53.68)	(45.84)	(38.28)	(30.37)	(22.26)	(14.28)	(6.34)	2.02
11	Average Percent Available	(13.36)												

NOTE: Payments
April 15 90% This Year
April 15 10% Next Year

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PENNSYLVANIA POWER AND LIGHT COMPANY

AVERAGE PERCENT OF PA. UTILITY REALTY TAX AVAILABLE AFTER PAYOUT

Line No.		TOTAL	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	Prior Year Available in Current Year													
1	Cumulative Collections		98.84	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2	Cumulative Payments		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
3	Prior Year Available	(1.16)	(1.16)	-	-	-	-	-	-	-	-	-	-	-
	Current Year Available in Current Year													
4	Cumulative Collections		2.28	10.18	19.20	28.17	36.32	44.16	51.72	59.63	67.74	75.72	83.66	92.02
5	Cumulative Payments June 1 - 100%							100.00	100.00	100.00	100.00	100.00	100.00	100.00
6	Current Year Available	(129.20)	2.28	10.18	19.20	28.17	36.32	(55.84)	(48.28)	(40.37)	(32.26)	(24.28)	(16.34)	(7.98)
7	Total - Prior Year and Current Year Available	(130.36)	1.12	10.18	19.20	28.17	36.32	(55.84)	(48.28)	(40.37)	(32.26)	(24.28)	(16.34)	(7.98)
11	Average Percent Available	(10.86)												

NOTE: Payment
June 1 100%

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PENNSYLVANIA POWER & LIGHT COMPANY

Revenues -- Percent Weighted Amount Collected and Available

	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prior Year in Current Year													
January	9.11%	9.11%	9.11%										
February	8.84	8.84	8.84										
March	9.41	9.41	9.41										
April	7.95	7.95	7.95										
May	8.01	8.01	8.01				DETAIL SAME AS FEBRUARY						
June	7.34	7.34	7.34										
July	7.90	7.90	7.90										
August	8.22	8.22	8.22										
September	7.95	7.95	7.95										
October	7.90	7.90	7.90										
November	8.08	8.08	8.08										
December	9.29	8.13	9.29										
Total	100.00%	98.84%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Current Year													
January	9.11%	2.28%	7.97%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%	9.11%
February	8.84		2.21	7.74	8.84	8.84	8.84	8.84	8.84	8.84	8.84	8.84	8.84
March	9.41			2.35	8.23	9.41	9.41	9.41	9.41	9.41	9.41	9.41	9.41
April	7.95				1.99	6.96	7.95	7.95	7.95	7.95	7.95	7.95	7.95
May	8.01					2.00	7.01	8.01	8.01	8.01	8.01	8.01	8.01
June	7.34						1.84	6.42	7.34	7.34	7.34	7.34	7.34
July	7.90							1.98	6.91	7.90	7.90	7.90	7.90
August	8.22								2.06	7.19	8.22	8.22	8.22
September	7.95									1.99	6.96	7.95	7.95
October	7.90										1.98	6.91	7.90
November	8.08											2.02	7.07
December	9.29												2.32
Total	100.00%	2.28%	10.18%	19.20%	28.17%	36.32%	44.16%	51.72%	59.63%	67.74%	75.72%	83.66%	92.02%

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PENNSYLVANIA POWER & LIGHT COMPANY

Monthly Revenues (A) and Percent of Annual Revenues

1979 to 1981 Inclusive

	1979		1980		1981		Three Year Total	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
January	$ 78,130,774(B)	9.37%	$ 75,400,684	8.59%	$ 105,073,424	9.33%	$ 258,604,882	9.11%
February	80,486,939	9.65	73,294,380	8.35	97,077,450	8.62	250,858,769	8.84
March	79,718,385	9.56	77,972,634	8.89	109,184,577	9.70	266,875,596	9.41
April	71,500,242	8.58	72,345,754	8.25	81,575,250	7.24	225,421,246	7.95
May	67,055,369	8.05	66,856,119	7.62	93,224,198	8.28	227,135,686	8.01
June	65,846,322	7.90	66,029,518	7.53	76,376,011	6.78	208,251,851	7.34
July	63,600,565	7.63	68,855,308	7.85	91,705,379	8.14	224,161,252	7.90
August	67,765,435	8.13	76,751,882	8.75	88,738,283	7.88	233,255,600	8.22
September	64,847,227	7.78	74,885,071	8.53	85,936,332	7.63	225,668,630	7.95
October	62,207,348	7.46	69,991,731	7.98	91,857,330	8.16	224,056,409	7.90
November	63,019,115	7.56	72,767,588	8.29	93,469,233	8.30	229,255,936	8.08
December	69,472,170	8.33	82,229,633	9.37	111,950,301	9.94	263,652,104	9.29
Total	$833,649,891(B)	100.00%	$877,380,302	100.00%	$1,126,167,768	100.00%	$2,837,197,961	100.00%

(A) Excludes interdepartmental.
(B) Excludes $10,785,077 of revenue due to change to monthly billing.

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PENNSYLVANIA POWER & LIGHT COMPANY

Fuel Stock and Materials and Operating Supplies
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
	Fuel Stock	
1	Coal stock at steam electric stations (page 2)	$105,274
2	Oil stock at all stations (page 3)	58,937
3	Fuel stock expense undistributed (page 4)	295
4	Total fuel stock	164,506
5	Plant materials and operating supplies (page 5)	22,635
6	Stores expense undistributed (page 6)	531
7	Total fuel stock and materials and operating supplies	$187,672

PENNSYLVANIA POWER & LIGHT COMPANY

Coal Stock
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Coal Stock in Tons	Average Inventory Price Per Ton at 7/31/82	Total Inventory Value
	Bituminous			
1	Brunner Island	600,000(a)	$47.26	$ 28,356
2	Sunbury	120,000(a)	42.32	5,078
3	Martins Creek	140,000(a)	48.24	6,754
4	Montour	625,000(a)	44.16	27,600
5	Keystone	80,052	29.30	2,346
6	Conemaugh	85,128	41.18	3,506
	Anthracite			
7	Sunbury	1,314,898	7.92	10,414
8	Holtwood	157,142	20.19	3,173
	Petro Coke			
9	Sunbury	1,689	38.74	65
10	Holtwood	29,778	28.66	853
11	System Reserve (b)	4,146,955	4.13	17,129
12	Total			$105,274

(a) Represents a 50-day supply of bituminous. All other stations are based on a 13-month average of coal stock.

(b) The Company owns six Anthracite culm banks (System Reserve) at various locations which are used as fuel for the Sunbury and Holtwood plants. The Company expects to buy additional quantities of this low cost fuel, when available. Because of this continuing increase, the inventory value of the System Reserve supply at July 31, 1982 is used in this schedule instead of calculating an average.

PENNSYLVANIA POWER & LIGHT COMPANY

Oil Stock
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Oil Stock in Gallons (except for Martins Creek #3&#4 in Bbls.)	Average Price Per Gallon/Barrel at 7/31/82	Total Inventory Value
	Steam Electric Stations			
1	Martins Creek #3&#4 (Residual)	1,720,000(a)	$30.01	$ 51,617
2	Martins Creek #3&#4 (Light Oil)	131,096	37.97	4,977
3	Martins Creek #1&#2	40,549	.93	38
4	Brunner Island	261,353	.96	251
5	Sunbury	40,341	.98	40
6	Holtwood	41,984	.94	39
7	Montour	384,615	1.02	392
8	Keystone	44,455	1.01	45
9	Conemaugh	34,533	1.07	37
	Combustion Turbines			
10	Allentown	189,479	1.03	195
11	Fishbach	91,959	.97	89
12	Harrisburg	180,452	.98	177
13	Harwood	88,630	1.02	90
14	Jenkins	89,615	1.00	90
15	Lock Haven	77,599	1.06	82
16	Suburban	160,849	.85	137
17	West Shore	91,792	.95	87
18	Williamsport	82,644	.98	81
19	Sunbury	184,594	1.01	186
20	Martins Creek	278,815	1.03	287
21	Total			$ 58,937

(a) Represents a 25-Day supply of #6 oil. All other stations are based on a 13-month average of oil stocks.

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PENNSYLVANIA POWER & LIGHT COMPANY

Fuel Stock Expense Undistributed
As of July 31, 1982
(Thousands of Dollars)

		Amount
July	1981	$ 91
August		41
September		248
October		314
November		336
December		374
January	1982	335
February		293
March		337
April		366
May		371
June		359
July		364
Total		$3,829
Average		$ 295

PENNSYLVANIA POWER & LIGHT COMPANY

Materials and Operating Supplies
As of July 31, 1982
(Thousands of Dollars)

		Amount
July	1981	$ 23,554
August		23,560
September		23,138
October		22,701
November		22,646
December		22,617
January	1982	22,234
February		22,064
March		22,205
April		22,700
May		22,275
June		22,314
July		22,242
Total		$294,250
Average		$ 22,635

PENNSYLVANIA POWER & LIGHT COMPANY

Stores Expense Undistributed
As of July 31, 1982
(Thousands of Dollars)

		Amount
July	1981	$ 465
August		438
September		434
October		400
November		430
December		446
January	1982	491
February		568
March		647
April		654
May		581
June		679
July		674
Total		$6,907
Average		$ 531

PENNSYLVANIA POWER & LIGHT COMPANY

Accumulated Deferred Taxes on Income
As of July 31, 1982
(Thousands of Dollars)

Line No.	Description	Reference		Amount
	Accelerated Amortization Property			
1	Certified defense facilities	B-1, page 4	$ 538	
2	Pollution control facilities	B-1, page 4	2,270	
3	Balance at July 31, 1982			$ 2,808
	Liberalized Depreciation			
4	Class life depreciation system	B-1, page 4	41,868	
5	Deduction of costs of removing retired depreciabile property	B-1, page 4	15,152	
6	Balance at July 31, 1982			57,020
7	Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981 - balance at July 31, 1982	B-1, page 4		4,228
8	Test power - Martins Creek - balance at July 31, 1982	B-1, page 4		6,923
9	Conversion to monthly billing - balance at July 31, 1982			3,581
13	Total accumulated deferred taxes on income			$74,560

PENNSYLVANIA POWER & LIGHT COMPANY

D - OPERATING INCOME

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PENNSYLVANIA POWER & LIGHT COMPANY

Operating Income
Pro Forma at Present and Proposed Rates
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.		(1) As Per Books of Accounts	(2) Adjustments D-2	(3) Pro Forma at Present Rates (Col. 1 + 2)	(4) PUC Jurisdictional Customers Pro Forma at Present Rates Exhibit AJB 2	(5) PUC Jurisdictional Customers Rate Increase Schedule D-16 Page 6	(6) PUC Jurisdictional Customers Pro Forma at Proposed Rates (Col. 4 + 5)
1	Operating Revenues	$1,208,309	$ (27,810)	$1,180,499	$1,150,173	$ 231,508	$1,381,681
	Operating Expenses						
2	Operation and Maintenance	701,168	16,082	717,250	694,966	-	694,966
3	Depreciation	88,017	5,269	93,286	90,855	-	90,855
	Provision for Taxes						
4	Taxes Other Than Income	109,330	(65,621)	43,709	42,546	5,312	47,858
	Income Taxes						
5	Federal	77,530	(69,835)	7,695	9,434	9,679	19,113
6	State	26,054	(13,316)	12,738	12,704	15,782	28,486
7	Deferred Income Taxes	(46,024)	48,572	2,548	2,480	-	2,480
	Investment Tax Credits						
8	Deferral	24,592	44,692	69,284	67,369	87,111	154,480
9	Amortization of Deferments-Credit	(2,644)	47	(2,597)	(2,525)	-	(2,525)
10	Total Taxes	188,838	(55,461)	133,377	132,008	117,884	249,892
11	Amortization of Property Loss	560	-	560	537	-	537
12	Total Operating Expenses	978,583	(34,110)	944,473	918,366	117,884	1,036,250
13	Operating Income	$ 229,726	$ 6,300	$ 236,026	$ 231,807	$ 113,624	$ 345,431

Note: For the purpose of this filing, the portion of those Pennsylvania taxes covered by the tax surcharge are not included in the taxes claimed and the tax surcharge revenues are eliminated.

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Income
Year Ended July 31, 1982

(Thousands of Dollars)

Line No.	Reference	Description	Amount
		Operating Revenues	
1	D-3	Operating revenue	$(27,810)
		Operation and Maintenance Expenses	
2	D-4	Energy costs	2,222
3	D-5	Wage expense	9,718
4	D-6	Employee benefits expense	3,544
5	D-7	Rate case expenses	112
6	D-8	Amortization of flood costs	320
7	D-9	Interest expense on customer deposits	166
8	D-10	RCS program expenses	-
9	D-11	SSES Unit No. 1 operating expenses	-
10	D-12	Decommissioning expense	-
11	D-13	Spent nuclear fuel disposal expense	-
12		Total	16,082
		Depreciation	
13	D-14	Annual depreciation expense	5,269
		Provision for Taxes	
		Taxes other than income	
14	D-15	State capital stock	(6,564)
15	D-15	State gross receipts	(29,932)
16	D-15	State public utility realty	(29,125)
		Income taxes	
17	D-16	Federal	(69,835)
18	D-16	State	(13,316)
19	D-17	Deferred income taxes	48,572
		Investment tax credit	
20	D-18	Deferral	44,692
21	D-18	Amortization	47
22		Total taxes	(55,461)
23		Total operating expenses	(34,110)
24		Total adjustments	$ 6,300

PENNSYLVANIA POWER & LIGHT COMPANY
Adjustment to Operating Revenue
Year July 31, 1982
(Thousands of Dollars)

Line No.	Description	(1) Actual Amount	(2) Reference	(3) Pro-Forma at Present Rates Amount	(4) Adjustments (Col. (3)-Col. (1)) Amount	(5) Explanation
	Sales of Electricity					
	Pa. P.U.C. Jurisdictional Customers					
1	Rate revenue	$ 957,642		$1,138,859	$ 181,217	Net increase in revenues resulting from annualization of sales and the full recovery of energy costs thru base rates.
2	Energy cost rate revenue	142,048	D-3, pg. 2	-	(142,048)	Total energy costs are being included in operating expenses thus requiring inclusion in base rates of energy cost rate revenues.
3	Tax surcharge revenue	66,809		-	(66,809)	The portion of those Pennsylvania taxes recovered by the tax surcharge are not included in the taxes claimed, thus requiring elimination of tax surcharge revenues.
4	Deferred fuel expense rider	4,802		-	(4,802)	Fuel costs recovered via the deferred fuel expense rider are not included in operating expenses thus requiring elimination of deferred fuel expense rider revenues.
5	Total PPUC tariff revenues	1,171,301		1,138,859	(32,442)	
6	Delayed payment charges	2,954	D-3, pg. 2	3,284	330	
7	Other electric revenues	3,728	D-3, pg. 2	8,030	4,302	Net increase resulting from the elimination of unbilled energy revenues and other unbilled revenues.
8	Total revenues - PPUC	1,177,983	D-3, pg. 2	1,150,173	(27,810)	
	FERC Jurisdictional Customers					
9	Rate revenue	25,397		25,397	-	
10	Fuel clause revenue	4,662		4,662	-	
11	Delayed payment charges	79		79	-	
12	Other electric revenues	188		188	-	
13	Total Revenues-FERC	30,326		30,326	-	
14	Total operating revenue (line 8 + line 13)	$1,208,309	B-3	$1,180,499	$ (27,810)	

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PENNSYLVANIA POWER & LIGHT COMPANY

Revenues Adjusted to Current Rate Levels and for Annualization
Based On Conditions for 12 Months Ended July 31, 1982
Supplement No.2 to Pa. P.U.C. No. 199

Line No.	(1) Rate Schedule	(2) No. of Customers As Of July 31, 1982	(3) Actual Conditions 12 Months Ended July 31, 1982 As Per Books — Sales (kwh)	(4) Rate	(5) Tax Surcharge	(6) Deferred Fuel Expense	(7) Energy Adjustment	(8) Total	(9) Adjusted Conditions 12 Months Ended July 31, 1982 Current Rates — Sales (kwh)	(10) Rate	(11) Tax Surcharge (6.75%)	(12) Energy Adjustment (6.422 m/kwh)	(13) Total	Line No.
1	RS	887,906	8,238,824,049	$398,484,697	$27,689,917	$1,542,709	$ 52,918,773	$ 480,636,096	8,238,824,049	$ 436,414,982	$29,458,011	$ 52,909,728	$ 518,782,721	1
2	RTS	10	110,572	5,398	341	-	13	5,752	110,572	5,398	384	710	6,472	2
3	GS-1	99,681	1,008,274,643	70,834,583	4,971,264	233,192	6,471,834	82,510,873	1,008,041,722	76,485,806	5,162,792	8,473,644	88,122,242	3
4	GS-3	11,524	3,831,427,894	176,534,821	12,369,290	890,893	24,578,481	214,373,485	3,869,858,872	195,974,621	13,228,287	24,852,234	234,055,142	4
5	LP-4	673	3,050,921,640	110,005,587	7,714,715	740,472	19,592,307	138,053,081	3,055,618,040	123,466,490	8,333,853	19,623,179	151,421,522	5
6	LP-5	80	1,167,079,000	37,112,459	2,601,796	287,704	7,494,981	47,496,940	1,167,079,000	41,600,544	2,808,037	7,494,981	51,903,562	6
7	LP-6	28	3,223,402,200	91,905,934	6,387,008	700,520	20,700,825	119,674,085	3,467,560,200	111,976,198	7,558,393	22,268,672	141,803,263	7
8	HL	13	3,845,315	212,636	14,874	798	24,702	253,008	3,845,315	232,399	15,686	24,695	272,770	8
9	SA	-	34,106,431	3,611,148	254,125	7,983	220,507	4,093,741	34,106,431	3,885,522	262,273	219,031	4,366,826	9
10	SM	601	87,236,212	9,837,776	689,951	20,213	560,416	11,108,358	87,236,212	10,495,208	708,427	560,231	11,763,866	10
11	SHS	59	4,432,457	831,774	58,224	1,031	28,463	919,492	4,432,457	869,303	58,678	28,465	956,446	11
12	L-3(R)	-	235,973,000	5,381,708	415,977	143,195	1,515,418	7,456,298	-	-	-	-	-	12
13	L-1(R)	-	8,185,000	432,821	33,155	4,051	52,564	522,591	-	-	-	-	-	13
14	TS(R)	19	533,635	37,948	2,671	127	3,725	44,471	533,635	40,729	2,749	3,427	46,905	14
15	RX(R)	87	685,321	33,078	2,087	-	1,797	36,962	685,321	33,131	2,236	4,401	39,768	15
16	SI-1(R)	22	4,917,354	506,855	35,619	1,293	31,577	575,344	4,917,354	545,044	36,790	31,579	613,413	16
17	SI-4(R)	10	2,866,315	238,580	16,599	662	18,407	274,248	2,866,315	263,159	17,763	18,407	299,329	17
18	SI-6(R)	2	178,671	23,832	1,659	41	1,147	26,679	178,671	26,214	1,769	1,147	29,130	18
19	GS-5(R)	-	190,792	13,275	1,045	108	1,225	15,653	-	-	-	-	-	19
20	GS-6(R)	-	44,703,685	1,933,064	150,834	25,336	287,139	2,396,373	-	-	-	-	-	20
21	GH-4(R)	1,475	695,631,396	29,639,119	2,015,331	100,795	4,487,958	36,243,203	794,007,858	36,974,089	2,495,751	5,099,118	44,568,958	21
22	GH-1(R)	804	244,236,073	10,913,556	755,862	47,992	1,575,252	13,292,662	244,236,073	12,228,284	825,409	1,569,484	14,622,177	22
23	GH-2(R)	3,628	132,026,834	5,631,153	382,712	18,686	848,434	6,878,985	132,026,834	6,246,161	421,617	847,876	7,515,674	23
24	GH-3(R)	-	98,378,462	3,331,752	254,119	35,444	618,273	4,239,588	-	-	-	-	-	24
25	Total Tariff 199	1,006,622	22,116,164,931	$957,493,550	$66,799,173	$4,801,223	$142,034,018	$1,171,127,964	22,116,164,931	$1,057,761,292	$71,398,885	$142,030,009	$1,271,190,186	25
26	Late Payment Charge	-	-	$ 2,954,137	-	-	-	$ 2,954,137	-	$ 3,263,491	-	-	$ 3,263,491	26
27	Other Electric Revenue	-	-	8,030,000	-	-	-	8,030,000	-	8,030,000	-	-	8,030,000	27
28	Total Miscellaneous	-	-	$ 10,984,137	-	-	-	$ 10,984,137	-	$ 11,293,491	-	-	$ 11,293,491	28
29	PPUC Annualization	-	-	-	-	-	-	-	128,483,743	$ 6,763,843	$ 456,559	$ 824,994	$ 8,045,396	29
30	Interdepartmental	-	2,115,080	$ 148,431	$ 10,294	$ 476	$ 13,583	$ 172,784	2,115,080	162,127	10,944	13,583	186,654	30
31	Total Adjustment	-	2,115,080	$ 148,431	$ 10,294	$ 476	$ 13,583	$ 172,784	130,598,823	$ 6,925,970	$ 467,503	$ 838,577	$ 8,232,050	31
32	PPUC Jurisdictional Total	1,006,622	22,118,280,011	$968,626,118	$66,809,467	$4,801,699	$142,047,601	$1,182,284,885	22,246,763,754	$1,075,980,753	$71,866,388	$142,868,586	$1,290,715,727	32

Note: Line 29, Cols. (10) and (13) include $20,802 Late Payment Charge Annualization

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PENNSYLVANIA POWER & LIGHT COMPANY

Estimated Annual Revenues at Current and Proposed Rates
For 12 Months Ended July 31, 1982
Supplement No.2 to Pa. P.U.C. No. 199

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
			Adjusted Conditions 12 Months Ended July 31, 1982				Proposed Conditions 12 Months Ended July 31, 1982						
			Current Rates				Proposed Rates						
Rate Schedule	No. of Customers As Of July 31, 1982	Sales (kwh)	Rate	Tax Surcharge (6.75%)	Energy Adjustment (8.422 m/kwh)	Total	Rate	Tax Surcharge (6.30%)	Energy Adjustment	Total	Increase Over Current Total Revenue Amount (11) - (7)	Increase Over Current Total Revenue % (12) ÷ (7)	Line No.
RS	887,906	8,238,824,049	$ 436,414,982	$29,458,011	$ 52,909,728	$ 518,782,721	$ 584,374,817	$36,815,613	-	$ 621,190,430	$102,407,709	19.74	1
RTS	10	110,572	5,398	364	710	6,472	5,867	357	-	6,224	(248)	(6.02)	2
GS-1	99,681	1,008,041,722	76,485,806	5,162,792	6,473,644	88,122,242	100,863,906	6,354,428	-	107,218,332	19,096,090	21.67	3
GS-3	11,524	3,869,858,872	195,974,821	13,226,287	24,852,234	234,055,142	264,022,127	16,633,394	-	280,655,521	46,600,379	19.91	4
LP-4	873	3,055,618,040	123,464,498	8,333,853	19,623,179	151,421,522	169,227,439	10,661,329	-	179,888,768	28,467,246	18.80	5
LP-5	80	1,167,079,000	41,600,544	2,808,037	7,494,981	51,903,562	57,333,173	3,611,990	-	60,945,163	9,041,601	17.42	6
LP-6	28	3,467,560,200	111,976,198	7,558,393	22,288,572	141,803,263	156,737,394	9,875,710	-	166,633,014	24,829,751	17.51	7
BL	13	3,845,315	232,389	15,686	24,695	272,770	309,603	19,467	-	329,470	55,700	20.42	8
SA	-	34,108,431	3,885,522	262,273	219,031	4,366,826	4,907,441	309,169	-	5,216,610	849,784	19.46	9
SM	601	87,236,212	10,495,208	708,427	560,231	11,763,866	13,241,268	834,200	-	14,075,468	2,311,602	19.65	10
SHS	59	4,432,457	859,303	58,678	28,465	956,446	1,022,399	64,411	-	1,086,810	130,364	13.63	11
L-3(R)	-	-	-	-	-	-	-	-	-	-	-	-	12
L-1(R)	-	-	-	-	-	-	-	-	-	-	-	-	13
TS(R)	19	533,635	40,729	2,749	3,427	46,905	53,025	3,341	-	56,366	9,461	20.17	14
RX(R)	87	685,321	33,131	2,236	4,401	39,768	45,121	2,843	-	47,964	8,196	20.61	15
SI-1(R)	22	4,817,354	545,844	36,790	31,579	613,413	706,377	44,502	-	750,879	137,466	22.41	16
SI-4(R)	10	2,868,315	263,159	17,763	18,407	299,329	354,858	22,356	-	377,214	77,885	26.02	17
SI-6(R)	2	178,671	26,214	1,769	1,147	29,130	36,083	2,272	-	38,335	9,205	31.60	18
GS-5(R)	-	-	-	-	-	-	-	-	-	-	-	-	19
GS-6(R)	-	-	-	-	-	-	-	-	-	-	-	-	20
GH-4(R)	1,475	794,007,858	38,974,089	2,495,751	5,099,118	44,568,958	50,837,123	3,202,739	-	54,039,862	9,470,904	21.25	21
GH-1(R)	804	244,236,073	12,228,284	825,409	1,568,484	14,622,177	16,589,224	1,045,121	-	17,634,345	3,012,168	20.60	22
GH-2(R)	3,626	132,026,834	6,246,181	421,617	847,878	7,515,674	8,485,005	534,555	-	9,019,560	1,503,886	20.01	23
GH-3(R)	-	-	-	-	-	-	-	-	-	-	-	-	24
Total Tariff 199	1,006,622	22,116,164,931	$1,057,761,292	$71,398,885	$142,030,009	$1,271,190,186	$1,429,171,338	$90,037,795	-	$1,519,209,133	$248,018,947	19.51	25
Late Payment Charge	-	-	$ 3,263,491	-	-	$ 3,263,491	$ 3,900,198	-	-	$ 3,900,198	$ 636,707	19.51	26
Other Electric Revenue	-	-	8,030,000	-	-	8,030,000	8,030,000	-	-	8,030,000	-	-	27
Total Miscellaneous	-	-	$ 11,293,491	-	-	$ 11,293,491	$ 11,930,198	-	-	$ 11,930,198	$ 636,707	5.64	28
PPUC Annualization	-	128,483,743	$ 6,763,843	$ 456,559	$ 824,994	$ 8,045,396	$ 9,045,205	$ 569,848	-	$ 9,615,053	$ 1,569,657	19.51	29
Interdepartmental	-	2,115,080	162,127	10,944	13,583	186,654	210,552	13,265	-	223,817	37,163	19.91	30
Total Adjustment	-	130,578,823	$ 6,925,970	$ 467,503	$ 838,577	$ 8,232,050	$ 9,255,757	$ 583,113	-	$ 9,838,870	$ 1,606,820	19.52	31
PPUC Jurisdictional Total	1,006,622	22,246,743,754	$1,075,980,753	$71,866,388	$142,868,586	$1,280,715,727	$1,450,357,293	$90,620,908	-	$1,540,978,201	$250,262,474	19.39	32

e: Line 29, Cols. (4) and (7) include $20,802 Late Payment Charge Annualization

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Energy Costs Due to the Increase in
Sales Resulting from the Customer Load Growth
Year Ended July 31, 1982
(Thousands of Dollars)

For the purpose of this filing the energy cost rate from PPUC jurisdictional customers is reduced to zero and total energy costs previously recoverable under the energy cost rate are included in operating expenses.

The energy costs applicable to the increase in sales resulting from customer load growth are derived by multiplying the increase in PPUC jurisdictional sales by the cost of energy included in base rates.

Line No.	Description	Amount
1	Increase in PPUC jurisdictional sales - millions of kwh (D-3, page 2)	128.464
2	Base of energy cost - mills/kwh	17.300
3	Total increase in energy cost (line 1 x line 2)	$ 2,222

PENNSYLVANIA POWER & LIGHT COMPANY

Energy Cost to be Recovered Through Energy Cost Rates
Year Ended July 31, 1982
(Thousands of Dollars)

This adjustment provides for the inclusion in base rates of energy costs previously recoverable through the Energy Cost Rate.

Line No.	Description	Schedule	Amount
	Fuel		
1	Steam power generation	Schedule B-4, page 1	$638,537
2	Other power generation	Schedule B-4, page 2	1,677
	Interchange		
3	Receipts	Schedule B-4, page 2	30,335
4	Deliveries	Schedule B-4, page 2	(269,040)
5	Net energy expense		$401,509
	Sales - millions of kwh		
6	PPUC jurisdictional customers	Schedule D-3, page 2	22,118.280
7	FERC jurisdictional customers		862.238
8	Total		22,980.518
9	Company use		228.338
10	Total sales		23,208.856
11	Net energy cost - mills/kwh (line 5 ÷ line 10)		17.300

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Wage Expense
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description		Amount
1	Average biweekly wage per employee	$1,097	
2	Personnel employed - end of year	8,158	
3	Annualized wage expense (line 1 x line 2 x 26.1 pay periods)		$233,577
4	Less: Actual wage expense for the test year ended July 31, 1982		217,979
5	Increase in total wage expense		$ 15,598
6	Increase in wage expense (line 5 x 62.3%)		$ 9,718

The above adjustment was made to reflect the number of employees and level wages in effect at the end of the test year.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Employee Benefits Expense
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
1	Pension	$23,789
2	Group life insurance	3,265
3	Hospitalization	10,919
4	Major medical	786
5	Disability	864
6	Dental	1,246
7	Longevity	676
8	Accidental death & dismemberment	303
9	Total	$41,848
10	Total employee benefits - electric (99%)	$41,430
11	Less: Actual employee benefits - electric	35,744
12	Increase in employee benefits-electric (line 10 - line 11)	$ 5,686
13	Increase in employee benefits to expense (line 12 x 62.3%)	$ 3,542
14	Additional adjustments to expense (100%): Medical benefits - retirees	-
15	Supplemental pension costs	2
16	Increase in employee benefits expense	$ 3,544

This adjustment was made to reflect the level of benefit costs at the end of the test year.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Rate Case Expense
Year Ended July 31, 1982
(Thousands of Dollars)

Rate case expenditures are charged to expense when incurred. The Company's claim for rate case expense is based on a normalized amount as shown in Exhibit Future I, Schedule D-7.

Line No.	Description	Amount
1	Total rate case expense	$ 464
2	Amount charged to ratepayers (line 1 ÷ 2) (b)	$ 232
3	Less: PPUC rate case expense per books (a)	120
4	Increase in expense	$ 112

(a) Total regulatory commission expense per books is $159,704 (B-4), of which $40,129 is applicable to FERC jurisdictional customers.

(b) Per Commission policy statement dated January 12, 1982 in Pa. P.U.C. v. Pennsylvania Power Company, R-811510 (1982).

PENNSYLVANIA POWER & LIGHT COMPANY

Amortization of Flood Costs
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
	Flood expenses for Tropical Storm Agnes:	
1	Payroll	$1,851
2	Materials & supplies	134
3	Purchases	269
4	Vehicle use	152
5	Repairs to Lock Haven combustion turbine	347
	Insurance deductibles applicable to:	
6	Brunner Island Station	100
7	Montour Station	133
8	Other	210
9	Total flood costs	$3,196
10	One-year amortization ($3,196 ÷ 10 years)	$ 320

Expenses associated with Tropical Storm Agnes which hit the Pennsylvania Power & Light Company service area in June 1972 are shown above. The Pennsylvania Public Utility Commission at R.I.D. 84 - test year ended April 30, 1973 permitted a 10 year amortization of this amount starting with the year 1974. The amortization was again permitted by the Pennsylvania Public Utility Commission in Rate Orders dated August 26, 1976 and January 30, 1981 at R.I.D. 221 and R-80031114, respectively.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment For Interest Expense On Customer Deposits
Year Ended July 31, 1982

(Thousands of Dollars)

The Commission in its Rate Order at R-80031114, dated January 30, 1981 determined that it was appropriate to include in the cost of service interest expense on customer deposits when such customer deposits are treated as a reduction to rate base. The interest on these deposits is computed at an interest rate of 9% in accordance with Rule 2 - Requirement for Service set forth in PP&L's Tariff Electric - Pa. P.U.C. No. 198.

Line No.	Description	Amount
1	Customer deposits (B-1)	$1,841
2	Interest rate	9%
3	Increase to expense	$ 166

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment for RCS Program Expenses
Year Ended July 31, 1982
(Thousands of Dollars)

This adjustment is not applicable to the test year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Operating Expense for SSES Unit No. 1
Year Ended July 31, 1982
(Thousands of Dollars)

This adjustment is not applicable to the test year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Accrual for Decommissioning Costs
Year Ended July 31, 1982
(Thousands of Dollars)

This adjustment is not applicable to the test year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Accrual for Spent Nuclear Fuel Disposal Costs
Year Ended July 31, 1982
(Thousands of Dollars)

This ajdustment is not applicable to the test year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Annual Depreciation Expense
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description		Amount
1	Depreciation - Electric Plant in Service	$89,795	
	Less:		
2	Clearing	180	
3	Adjustment relating to customer advances for construction	6	
4	Depreciation - Electric Plant in Service (Net)		$89,609
5	Amortization of negative net salvage		2,878
6	Life span interim retirement reconciliation		799
7	Total annual depreciation expense		93,286
8	Less: Depreciation expense per books (B-2)		88,017
9	Increase in expense		$ 5,269

The plant in service depreciation of $89,795,000 represents the annual depreciation as of July 31, 1982, using average service lives and life spans as filed in this rate case. Deductions to this amount include $180,000 associated with clearing accounts and $6,000 associated with customer advances for construction. An additional amount of $2,878,000, which represents the five year average of negative net salvage, is added to the annual depreciation. This treatment of negative net salvage is prescribed by the Pennsylvania Public Utility Commission.

Another amount of $799,000 is also added to the annual depreciation. This amount represents a five-year average of actual interim retirements at power production units in excess of estimated interim retirements. The treatment of this amount is in accordance with the depreciation stipulation approved by the Commission in their Order dated January 30, 1981 at R-80031114.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Taxes Other Than Income
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
	Pennsylvania capital stock tax	
	Adjustment to reflect increase in taxable value due to additional equity capital and elimination of the amount of tax which is recovered by the tax surcharge.	
1	Estimated tax applicable to electric operations @ 10 mills (D-15, page 2)	$17,386
2	Amount of Pennsylvania capital stock tax recovered by tax surcharge ($17,386 x 4/10 mill)	6,954
3	Total expense	10,432
4	Less: Capital stock tax per budget (B-5)	16,996
5	Decrease in expense	$ 6,564
	Pennsylvania gross receipts tax	
	Adjustment to eliminate the amount of tax recovered by the tax surcharge and provide for gross receipts tax on pro forma revenue at present rates.	
6	Gross receipts tax recoverable through base rates (D-15, page 3)	$23,520
7	Less: Gross receipts tax per budget (B-5)	53,452
8	Decrease in expense	$29,932
	Pennsylvania public utility realty tax	
	Adjustment to eliminate PURTA tax recovered by the tax surcharge.	
9	Public utility realty tax recoverable through base rates	$ -
10	Less: Public utility realty tax per budget (B-5)	29,125
11	Decrease in expense	$29,125

PENNSYLVANIA POWER & LIGHT COMPANY

Capital Stock Tax
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Descriptions		Amount
	Most current settlement by Pa. Department of Revenue - 1980		
1	Taxable value of capital stock: Portion of taxable assets X appraised value of capital stock $\frac{\$3,939,155}{\$4,034,431}$ x $1,480,000 =		$1,445,049
	Equity capital		
2	December 31, 1979	$1,786,215	
3	December 31, 1980	1,992,892	
4	Total	3,779,107	
5	Average	$1,889,554	
6	Ratio (line 1 ÷ line 5)	76%	
	Additions (reductions) of equity capital - January 1, 1981 thru July 31, 1982		
7	Preferred stock issued	$ -	
8	Preferred stock redeemed	(9,581)	
9	Preference stock issued	50,000	
10	Preference stock redeemed	(10,766)	
11	Common stock issued	249,345	
12	Capital stock expense	(2,357)	
13	Retained earnings	111,889	
14	Net additions	$388,530	
15	Portion applicable (line 6 x line 14)		295,283
16	Total (line 1 + line 15)		$1,740,332
17	Tax at 10 mills		$17,403
18	Electric operations (line 17 x 99.9% (a))		$17,386

(a) Actual year ended July 31, 1982.

PENNSYLVANIA POWER & LIGHT COMPANY

Gross Receipts Tax at Present Rates
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	(1) Description	(2) Reference D-3,Page 1	(3) Pro Forma Revenue	(4) Applicable GRT Rate (Mills)	(5) Gross Receipts Tax Col. (3) x (4)
	PPUC Jurisdictional				
1	Rate revenue		$1,131,688	20	$22,634
2	Annualization		7,171	20	143
3	Total rate revenue	Line 1	1,138,859	20	22,777
4	Delayed payment charges	Line 6	3,284	20	66
5	Other electric revenues	Line 7	8,030	-	-
6	Total PPUC	Line 8	$1,150,173		22,843
	FERC Jurisdictional				
7	Total FERC rate and fuel clause revenue	Line 9+10	$30,059	-	
	Less:				
8	UGI	-	11,722	-	
9	Citizens' Electric	-	3,391	-	
10	Net revenues	-	14,946	45	673
11	Delayed payment charges	Line 11	79	45	4
12	Other electric revenues	Line 12	188		-
13	Total FERC		$15,213		677
14	Total gross receipts tax on pro forma revenues at present rates (lines 6 + 13)				$23,520

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Federal and State Income Taxes-Electric
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	(1) Actual	(2) Adjustments Amount	(3) Ref.	(4) Pro Forma At Present Rates
1	Operating revenues	$1,208,309	$ (27,810)	D-3	$1,180,499
	Operating expenses				
2	Operation and maintenance	701,168	16,082	D-2	717,250
3	Depreciation	88,017	5,269	D-2	93,286
4	Taxes other than income	109,330	(65,621)	D-2	43,709
	Income taxes				
5	Current-Federal	77,530	(69,835)	D-2	7,695
6	-State	26,054	(13,316)	D-2	12,738
7	Deferred income taxes	(46,024)	48,572	D-2	2,548
	Investment tax credits-				
8	Provision	24,592	44,692		69,284
9	Amortization	(2,644)	47		(2,597)
10	Total income taxes	79,508	10,160		89,668
11	Amortization of property loss	560	-		560
12	Total operating expenses	978,583	(34,110)	D-2	944,473
13	Operating income	229,726	6,300	D-2	236,026
14	Less: Interest expense	116,135	(71)	D-16,pg.3	116,064
15	Net income	113,591	6,371		119,962
	Income Tax Adjustments				
16	Total income taxes	79,508	10,160		89,668
17	Taxes capitalized	(6,767)	-		(6,767)
18	Pensions capitalized	(8,091)	(788)	D-16,pg.5	(8,879)
19	Book depreciation	88,017	5,269	D-2	93,286
20	Depreciation charged to clearing accounts	157	-		157
21	Tax depreciation	(104,433)	2,463	D-16,pg.4	(101,970)
22	Removal costs	(6,000)	-		(6,000)
23	Amortization of property loss	560	-		560
24	Recoverable fuel costs	73,447	(73,447)		-
25	Recoverable energy costs	9,867	(9,867)		-
26	PURTA tax deferral	4,428	(4,428)		-
27	Conversion to monthly billing	1,104	-		1,104
28	Amortization of RAR items	(8)	-		(8)
29	Research & development-demonstration projects	(87)	-		(87)
30	Amortization of flood costs	-	320	D-2	320
31	Preferred dividends paid credit	(839)	-		(839)
32	Clearing and payroll equalization	(732)	732		-
33	Book vs. tax basis-fuel inventory	(807)	807		-
34	Unbilled revenue-net	2,392	(2,392)		-
35	RCS program	(294)	-		(294)
36	Miscellaneous	(89)	-		(89)
37	Taxable net income	$ 244,924	$ (64,800)		$ 180,124

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Federal and State Income Taxes-Electric
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	(1) Actual	(2) Adjustments Amount	(3) Ref.	(4) Pro Forma at Present Rates
1	Taxable net income	$244,924	$(64,800)		$180,124
	Pa. Income tax adjustments				
2	Tax preference income	(74)	-		(74)
3	ACRS depreciation	3,809	(1,290)		2,519
4	Pa. taxable income	248,659	(66,090)		182,569
5	Pa. tax at 10.5% (rounded)	26,109	-		-
6	Pa. tax at 7.5% (6.977% eff. rate)(rounded)		(13,371)		12,738
7	Adj. provision for possible deficiencies	94	(94)		-
8	Net tax liability	26,203	(13,465)		12,738
9	Adjustment-prior year taxes	149	(149)		-
10	Total Pa. income tax	26,054	(13,316)		12,738
11	Federal taxable income	218,814	(51,428)		167,386
12	Federal tax at 46% less $19 (rounded)	100,635	(23,656)		76,979
13	Less: Investment tax credit	22,533	46,751		69,284
14	Adj. provision for possible deficiencies	386	(386)		-
15	Net tax liability	78,488	(70,793)		7,695
16	Adjustment-prior year taxes	958	(958)		-
17	Total Federal income tax	$ 77,530	$(69,835)		$ 7,695

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Interest Deduction For Income Tax Purposes
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Reference	Amount
1	Measures of value applicable to annualized interest computation	C-1	$2,197,498
2	Long-term debt ratio	B-9	48.5%
3	Embedded cost of long-term debt	B-9	10.89%
4	Annualized interest (line 1 x 2 x 3)		116,064
5	Less: Interest expense per books	D-16, page 1	116,135
6	Decrease in interest deduction (line 4 - line 5)		$ 71

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Depreciation Deduction
For Income Tax Purposes
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
	Tax Depreciation on year-end base at July 31, 1982	
1	Applicable to property depreciated on a straight-line basis using guideline lives where applicable	$ 2,758
2	Applicable to property depreciated on a declining balance basis using guideline lives where applicable	14,792
3	Applicable to property depreciated on a declining balance basis employing ADR lives	66,577
4	Depreciation due to Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981	17,843
5	Total	101,970
6	Less: Tax depreciation per books	104,433
7	Decrease in tax depreciation	$ 2,463

PENNSYLVANIA POWER & LIGHT COMPANY

Other Adjustments to Federal and State Income Taxes
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Reference	Amount
	Decrease in taxable income due to the capitalized portion of pension costs:		
1	Pension costs	D-6, line 1	$23,789
2	Pension costs - electric (99%)		23,551
3	Amount to expense (62.3%)		14,672
4	Portion to capital (line 2 - line 3)		8,879
5	Pensions capitalized - actual	D-16, page 1	8,091
6	Additional tax deduction (line 6 - line 7)		$ 788

PENNSYLVANIA POWER & LIGHT COMPANY

Tax Related to Additional Revenue
From Proposed Rate Increase
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
1	Additional revenue from proposed rate increase	$231,508
	Less:	
2	Pennsylvania gross receipts tax (line 1 x 20 mills)	4,630
3	Pennsylvania capital stock tax (line 9 x 6 mills)	682
4	Taxable income for Pennsylvania corporate net income tax	226,196
5	Pennsylvania corporate net income tax (line 4 x 6.977% (a))	15,782
6	Taxable income for Federal income tax	210,414
7	Federal income tax (net)	9,679
8	Investment tax credit	87,111 (b)
9	Operating income	113,624

(a) Based on tax rate of 7-1/2% applied to post-tax income.
(b) Total Federal income tax (line 6 x 46%) x 90% investment tax credit allowance.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Deferred Income Taxes
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	(1) Deferred Per Books Federal	(2) State	(3) Total	(4) Adjustments Federal	(5) State	(6) Total	(7) Pro-Forma Under Existing And Proposed Rates Federal	(8) State	(9) Total
1	Accelerated amortization of certified defense facilities	$ (498)	$ (54)	$ (552)	$ -	$ -	$ -	$ (498)	$ (54)	$ (552)
2	Accelerated amortization of pollution control facilities	(126)	-	(126)	-	-	-	(126)	-	(126)
3	Portion of tax depreciation arising from shortening lives by 20% under the class life depreciation system	(90)	(23)	(113)	-	-	-	(90)	(23)	(113)
4	Cost of removing retired depreciable property	(590)	(142)	(732)	-	-	-	(590)	(142)	(732)
5	Accelerated Cost Recovery System (ACRS)	4,228	-	4,228	659	-	659	4,887	-	4,887
6	Test power - Martins Creek	(203)	(45)	(248)	-	-	-	(203)	(45)	(248)
7	Extraordinary loss on property	(166)	(42)	(208)	-	-	-	(166)	(42)	(208)
8	Recoverable fuel costs	(3,022)	(471)	(3,493)	3,022	471	3,493	-	-	-
9	Recoverable energy costs	(28,575)	(7,223)	(35,798)	28,575	7,223	35,798	-	-	-
10	Recoverable energy costs - ECR	(4,062)	(1,036)	(5,098)	4,062	1,036	5,098	-	-	-
11	Unbilled electric revenues - net	(985)	(251)	(1,236)	985	251	1,236	-	-	-
12	Pennsylvania public utility realty tax	(1,823)	(465)	(2,288)	1,823	465	2,288	-	-	-
13	Conversion to monthly billing	(445)	(113)	(558)	-	-	-	(445)	(113)	(558)
14	Research & development - demonstration projects	36	9	45	-	-	-	36	9	45
15	Residential conservation services program (RCS)	122	31	153	-	-	-	122	31	153
16	Total	$(36,199)	$ (9,825)	$(46,024)	$39,126	$ 9,446	$48,572	$2,927	$(379)	$2,548

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R. J. Bernini

PENNSYLVANIA POWER & LIGHT COMPANY

Provision for Deferred Income Taxes
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Federal Tax
	Adjustment to Provision Due to Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981	
1	Tax depreciation under ACRS	$17,843
2	Tax depreciation computed on a straight-line tax basis	7,220
3	Additional tax depreciation	$10,623
4	Tax rate	46%
5	Annual provision	$ 4,887
6	Less: Provision per books	4,228
7	Increase in provision	$ 659

PENNSYLVANIA POWER & LIGHT COMPANY

Provision for Deferral of Investment Tax Credit
Year Ended July 31, 1982
(Thousands of Dollars)

Line No.	Description	Amount
1	Deferred investment tax credit as adjusted	$69,284
2	Deferred investment tax credit per books (B-5)	24,592
3	Increase in provision	$44,692

PENNSYLVANIA POWER & LIGHT COMPANY

Amortization of Deferred Investment Tax Credit
Year Ended July 31, 1982
(Thousands of Dollars)

is adjustment provides for the normalization of the annual amortization of deferred investment tax
edits to the test year end.

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Description	4% Investment Tax Credit	10% Investment Tax Credit	Total
1971 - Owned Property	$ 35	$ -	$ 35
- Leased Property	-	-	-
1972 - Owned Property	214	-	214
- Leased Property	-	-	-
1973 - Owned Property	226	-	226
- Leased Property	14	-	14
1974 - Owned Property	85	-	85
- Leased, Property	71	-	71
1975 - Owned Property	190	125	315
- Leased Property	3	109	112
1976 - Owned Property	88	409	497
- Leased Property	-	70	70
1977 - Owned Property	11	228	239
- Leased Property	-	36	36
1978 - Owned Property	-	229	229
- Leased Property	(1)	68	67
1979 - Owned Property	-	308	308
- Leased Property	-	69	69
1980 - Owned Property	-	10	10
- Leased Property	-	-	-
Total amortization			2,597
Less: Amortization per books (B-5)			2,644
Decrease in amortization			$ 47

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R. J. Bemini

Pennsylvania Power & Light Company

Exhibit Future

Summary of Measures of Value
& Rate of Return

Docket No. R-822169

Witness: Various

Hbg

E. Halbert

JAN 28 1983
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PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT FUTURE 1

Docket No. R-822169

Summary of Measures of Value & Rate of Return for the Year Ending July 31, 1983

This book contains a series of schedules (see Table of Contents) which are grouped as follows:

A - Statement of Reasons

B - Financial Statements, Cost of Capital & Capital Structure

C - Measures of Value

D - Operating Income & Adjustments

PENNSYLVANIA POWER & LIGHT COMPANY

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PENNSYLVANIA POWER & LIGHT COMPANY

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PENNSYLVANIA POWER & LIGHT COMPANY

A - REASONS FOR PROPOSED INCREASE

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A-1 - Statement of Reasons

PENNSYLVANIA POWER & LIGHT COMPANY

STATEMENT OF REASONS FOR THE PROPOSED INCREASE

Docket No. R-822169

STATEMENT OF REASONS FOR THE PROPOSED INCREASE

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STATEMENT OF REASONS FOR THE PROPOSED INCREASE

The purpose of this filing is to bring Pennsylvania Power & Light Company's (PP&L or the Company) rates for electric service in line with the cost of providing that service. Based on a future test year ending July 31, 1983, an increase in rates is necessary to cover the Company's cost of service including a fair return on capital and to restore PP&L's seriously deteriorated financial condition.

Summary of Reasons for Increase

This increase is necessary:

- To reflect the net effect of placing Susquehanna Unit 1 into service --- increased investment and operating costs associated with the unit less a reduction in energy costs resulting from lower nuclear fuel costs and an increase in sales to other utilities (about two-thirds of the total increase); and
- To recover increases in other costs which have occurred since PP&L's last base rate increase went into effect in January 1982 (about one-third of the total increase).

Amount of Increase

The increase proposed herein, if granted in full by the Commission, will increase current customer charges by 19.4%. This amounts to an overall annual increase of $315 million (including tax surcharge) or 25% based on a future test year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million which is the direct result of the operation of Susquehanna Unit 1.

The Company has taken all steps prudently possible to minimize the amount being requested --- especially realizing that Unit 1 will increase PP&L's investment in plant by 81%. Indeed, a review of the filing will quickly establish that, judged by traditional regulatory and financial standards, it is conservative in amount, limited in the number of issues it presents, and designed to be as consistent with precedent and as free from controversy as possible. As disclosed below, PP&L reasonably could have requested an additional $166 million in this filing. Thus,

- PP&L is asking for a modified sinking fund method of depreciating Unit 1. This reduced the rate increase request by approximately $28 million.
- PP&L is not claiming normalization of income taxes related to the federal and state income tax effect of the difference between tax depreciation computed on a liberalized basis with ADR lives and tax

depreciation on a straight line basis employing book lives. This reduced the rate increase request by approximately $11 million.

- PP&L is not claiming normalization of income taxes related to the state income tax effect on property covered by the ACRS tax depreciation method. This reduced the rate increase request by approximately $19 million.
- PP&L has included in rate base only 50% of common facilities instead of the 100% prescribed by FERC accounting and rate regulations. This reduced the rate increase request by approximately $79 million.
- PP&L is proposing to exclude the first year outage cost of Unit 1. This reduced the rate increase request by approximately $9 million.
- PP&L is proposing a level of rates which produces a rate of return on common equity of 16.2%. This compares to the 17% minimum return on common equity supported by the studies of PP&L's rate of return expert. Recent orders of the Commission have allowed electric companies returns as high as 17.75%. A FERC Administrative Law Judge recently has granted a return on common equity of 17%. Limiting the return on common equity to 16.2% reduced the rate increase request by about $20 million.

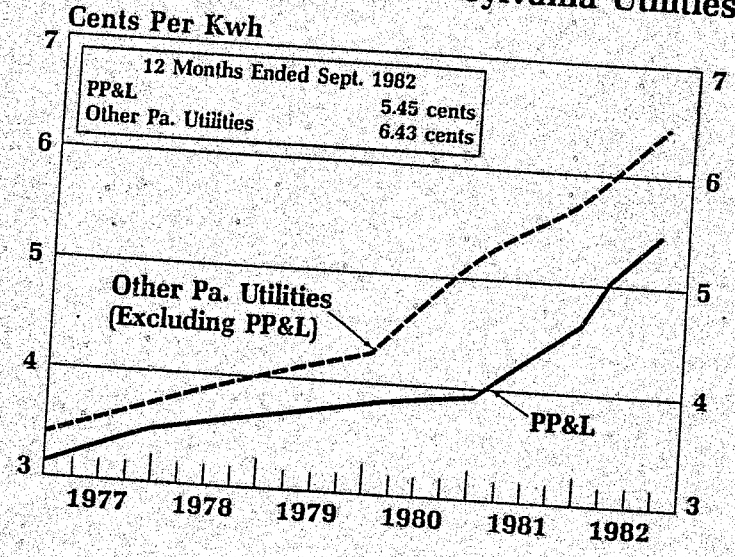
Moreover, to further moderate the impact of this increase on our customers, PP&L is proposing to offer customers the option of a trended billing program which will be designed to phase in the increase over a 16-month period instead of making it effective all at one time.

PP&L Rate Philosophy

This filing is in accord with the Company's rate philosophy which is to seek only timely rate increases that provide PP&L with an essential level of earnings and to try to keep its rates to customers at as low a level as it reasonably can. It is important to note that this is only the third request for increased base rates filed by PP&L since 1975. The present increase will not become effective until the latter part of August 1983, if it is suspended for the statutory period of seven months. This will be twenty months after PP&L's last rate increase.

As of September 1982, PP&L's rates are among the lowest in the state and compare very favorably on a regional and national level. As indicated on the following page, currently the average price of electricity paid in other areas of Pennsylvania is about 18% more than PP&L's customers pay.

Average Price of PP&L Electricity Compared to Other Pennsylvania Utilities



One of PP&L's long-term objectives is to keep its rates significantly below the average price of electricity paid by customers of other Pennsylvania utility companies. The operation of Susquehanna will help PP&L achieve this long-term objective.

Explanation of Reasons for Increase

Reflect Net Effect of Unit 1

The Susquehanna nuclear power plant consists of two units, each with a maximum design capacity of 1050 megawatts.*

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* Ten percent of each unit is owned by Allegheny Electric Cooperative, Inc.

PP&L received an operating license from the Nuclear Regulatory Commission in July 1982. Commercial operation of Unit 1 is scheduled to begin on May 15, 1983. Commercial operation of Unit 2 is scheduled to begin in the fourth quarter of 1984.

The original cost of Unit 1 represents 81% of the net original cost of all other plant expected to be serving customers as of July 31, 1983. In addition to the direct engineering, contract and administrative costs of the plant, significant financing costs were required to be capitalized over the almost ten-year construction period of Unit 1. These financing costs amounted to over $450 million or 27% of the $1.7 billion cost of Unit 1.

The benefits of Susquehanna's nuclear generation, however, will substantially offset these increased investment-related costs. Customer benefits (fuel-cost savings and increased sales to other utilities) in the first year of Unit 1's operation are expected to be $186 million.* As a result, the 16.4% net increase in base rates attributable to Unit 1, including the costs to operate and maintain the plant, appears reasonable.

The commercial operation of Susquehanna will result in both short- and long-term customer benefits. It will immediately

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* PP&L is proposing to reduce its ECR to zero when the increased rates reflecting Unit 1 become effective.

improve reliability of PP&L's system and also will provide a diversity of fuel for electric generation, thereby reducing the risk associated with a cutoff of coal or oil supplies. Susquehanna's relatively low fuel costs also will provide long-term economic benefits. Thus, part of the electricity for PP&L's customers that would otherwise be produced by higher operating cost coal- and oil-fired generation will be provided by lower operating cost nuclear generation.

In addition to the fuel-cost savings, customers will benefit from the sale of increased amounts of electricity to other utilities. Generation from PP&L's coal- and oil-fired units is expected to replace more expensive oil-fired generation of other companies within the Pennsylvania-New Jersey-Maryland Interconnection (PJM). With the PJM split savings pricing arrangement, one-half of the total fuel-cost savings from these sales will be realized by PP&L's customers* in the form of lower net energy costs.

Therefore, even though the addition of Susquehanna will result in an initial increase in the cost of service, within the first ten years of operation, Susquehanna is expected to result in a lower cost of electricity than would have occurred without it. The expected long-term economic benefits of Susquehanna are shown on the following page.

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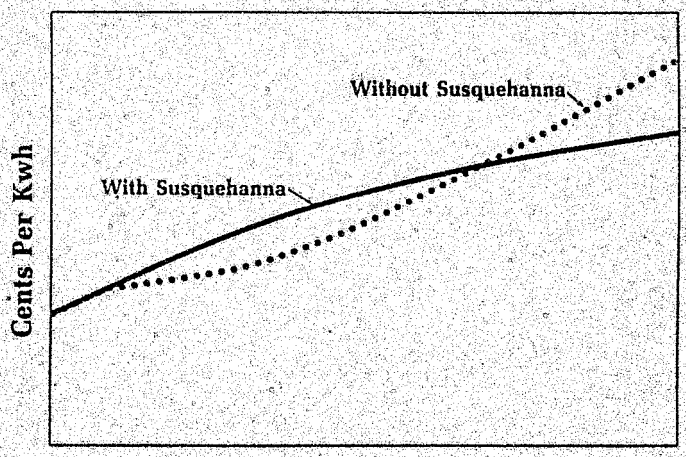
* The other half of the savings will be realized by the other companies in the PJM power pool.

Total Cost of Service per Kilowatt-Hour of Sales



Recover Other Increased Costs

The second reason for this increase is to recover other increases in PP&L's costs (approximately $101 million) not associated with Unit 1. PP&L's last base rate increase became effective on January 1, 1982. Since that time, there have been increases in net plant, financing costs, and operating costs.

PP&L has taken numerous steps over the past several years to hold down its costs and to operate efficiently. The fact that the rates our customers pay are among the lowest in the state attests to the success of these measures.

Another way to judge PP&L's performance is to relate the requested $101 million increase in non-Susquehanna-related costs to the time elapsed since PP&L's last increase. Measured against the rate levels accepted by the Commission's last rate

order (January 1, 1982), the current non-Susquehanna increase amounts to 8.5%. Since this requested rate increase is not expected to become effective until late in August 1983, the annualized non-Unit 1 part of the increase over the 20-month period will be only 4.9%.

Restore Financial Health

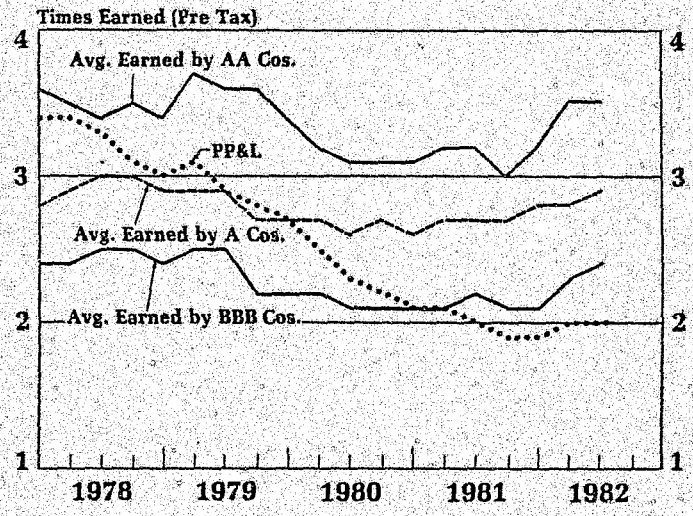
The Company's financial health has deteriorated seriously in the past several years. This deterioration has resulted from the failure to earn a reasonable return on common equity from the operating portion of the business and the need to sell securities to meet the entire construction financing cost of Susquehanna. A positive Commission response to this request for increased rates is needed to reverse this trend and permit the Company to continue to have access to the capital markets, finance construction at reasonable costs and render reliable electric service at the lowest possible rates over the long term.

The Company's need to sell securities will not cease with the completion of Unit 1. Securities must be sold to complete Unit 2, to refinance various outstanding security issues as they mature, and to provide other needs of the business. A financially sound company is vital if PP&L is to continue to be a low-cost supplier of electric service in Pennsylvania.

In appraising a company's overall financial health, a

key indicator is its ability to pay interest incurred in borrowing money. The chart below shows the decline in PP&L's interest coverage over the past five years.

Times Interest Charges Earned
12 Months Ended Quarterly



As the above chart shows, PP&L's pre-tax interest coverage has dropped from the average level of "AA"-rated companies to below the average earned by "BBB"-rated companies. Since the pre-tax interest charges earned ratio is the dominant factor in determining a company's credit rating, it is not surprising that Standard & Poor's reduced PP&L's bond rating from A+ to A in 1980 and further reduced the rating to BBB in 1981. Moody's in 1982 reduced the rating to A2 from AA3.*

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* The numerical modifier (1, 2 or 3) is used by Moody's to give investors a more precise indication of relative debt quality. A1 is better than A2, etc.

The Company's credit rating is not only the principal determinant of the cost of fixed income securities, it is frequently the key to access to capital markets. Many states have legal investment statutes to foster prudent investments by insurance companies, savings banks and other fiduciaries. These statutes prohibit the purchase of securities below a certain interest coverage level or below a certain credit rating. In addition, when credit conditions become tight, the limited number of investors feel more secure buying securities of the higher-rated companies. The lesser-rated companies frequently can find no market for their securities.

Another indication of the Company's financial plight is PP&L's mortgage bond situation. To protect the owners of PP&L's outstanding bonds, the bond indenture provides limits on the amount of bonds which are permitted to be outstanding based on both property and earnings tests. The Company has adequate property to support the issuance of additional bonds. Except in the case where mortgage bonds are being issued in connection with the retirement of a similar amount of bonds, additional bonds can be issued only if earnings (as defined in the mortgage) for a specified twelve-month period are at least equal to two times the annual interest requirements on all bonds to be outstanding.

PP&L's earnings currently are borderline in passing the two times earnings test. As a result, except for the amount of

maturing bonds, it is expected that only a minimal amount of bonds can be issued. Therefore, PP&L will have to rely on bank credit for about $200 million of long-term debt securities it will require in 1983. This is notwithstanding the fact that first mortgage bonds, the cheapest source of long-term debt, only amounted to 41% of PP&L's capitalization at July 31, 1982.

The deterioration in the ratings of the Company's debt securities has also depressed the ratings of the Company's preferred and preference stocks to the following levels:

	Moody's	Standard & Poor's
Preferred	A3	BB +
Preference	Baa2	BB -

No improvement in the credit ratings for debt or preferred stocks can be expected until the common shareowners earn a fair rate of return. They have suffered most from the lack of adequate earnings over the past few years.

It should be noted that PP&L's shareowners are, for the most part, individuals (about 238,000) --- approximately 63% of whom live in Pennsylvania. These individuals bought PP&L stock as a safe income-producing investment to supplement their current income or to provide retirement income. Their median age is 64.6 years. Two-thirds are not employed and nearly one-half are retired. About 183,000 of these shareowners are holders of PP&L's common stock.

The investment results experienced by PP&L's common

shareowners over the recent past are illustrated by the following:

- The book value of a share of common stock (representing the actual value invested per share of $24.56) was 24% higher than its market value ($19.875) as of September 30, 1982.
- Because the Company has been forced to sell stock at market prices substantially below book value to finance its construction program, $6 per share of book value have been wiped out since 1973. The $2.47 per share loss in book value which occurred in the years 1980 and 1981 exceeded the retained earnings in those years by $1.12 per share, and the penalty is continuing in 1982. This dilution of $6 per share in book value through the year 1981 represents a permanent loss in earnings base because PP&L's earnings are limited to a fair return on its invested equity.
- Primarily as a result of inadequate earnings, dividends paid to common shareowners have been classified, under IRS regulations, as 100% nontaxable returns of capital for 1980 and 1981 and the same classification is expected for 1982.
- The return on common equity actually earned on capital devoted to ongoing utility operations,

compared to the 15.75% authorized by the Commission's January 30, 1981 rate order, is 7.05% for 1980, 9.86% for 1981, and is estimated to be 10.60% for the historic test year ended July 31, 1982, and 4.73% for the pro forma future test year ended July 31, 1983, under present rates.

Rate of Return

The requested rates will produce a fair and reasonable rate of return on rate base. Although the requested rate levels are designed to produce a 12.71% rate of return overall and a rate of return on common of 16.2% (see Exhibit Future 1, Schedule B-9), PP&L's rate of return expert is recommending, and his studies support, a minimum rate of return on common equity of 17%. In its order at Docket No. R-80031114, the Commission found an 11.35% rate of return on original cost rate base for PP&L to be reasonable and allowed a rate of return on common equity of 15.75%.*

It is important to note that the average cost of the $292.5 million of First Mortgage Bonds sold by PP&L in 1982 was 15.51%. First Mortgage Bonds are the least risky of all of the

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* See also Pennsylvania Public Utility Commission, et al. v. Pennsylvania Power & Light Company, R-811636. Order entered December 30, 1981.

Company's outstanding securities. It is submitted that common shareowners, who bear a greater risk, should be entitled to a risk premium over and above the market rate for debt securities.

Rate Base

Measures of value for the period ended July 31, 1982 are found in Exhibit Historic 1, Schedule C-1; and measures of value for the period ending July 31, 1983 are found in Exhibit Future 1, Schedule C-1. In general, measures of value include physical facilities and investment components which have been determined consistent with prior Commission approval and acceptance. As indicated above, in an effort to insure a conservative filing, PP&L has attempted to narrow and, in some instances, remove the controversial types of issues presented in typical rate case filings with the Commission.

Operating Income

The results of operations for the periods ended July 31, 1982 and ending July 31, 1983 are found in Schedules D-1 of Exhibits Historic 1 and Future 1. Adjustments made to operating income items are primarily those required to annualize and normalize operating revenues and expenses to levels which exist at the end of both test periods.

Rate Design

As in previous cases, PP&L has prepared cost allocation studies designed to establish the rate of return for each rate class and the relationship of those returns to that of the system under both present and future conditions. Results from these studies indicated that substantial variations in the assignment of increases to the rate classes would be required to achieve parity with the system average return.

It was ultimately concluded that a generally uniform assessment of increases to each rate class was a preferred method to pursue. Except for certain narrow areas, revenue increases assigned in this manner move the rate of return for each class closer to the system average. As a result, percentage increases to rate classes, and indeed to the great majority of individual bills, are within plus or minus 2% of the system average increase.

PENNSYLVANIA POWER & LIGHT COMPANY

B - BOOK STATEMENTS

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B-2	Electric Service - Statement of Net Utility Operating Income Year Ended July 31, 1983
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PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1983

Assets and Other Debits
(Thousands of Dollars)

Acct. No.	Title of Account	
	Utility Plant	
	Electric plant	
101	Plant in service	$4,624,887
103	Experimental electric plant unclassified	232
105	Plant held for future use	38,109
107	Construction work in progress	1,483,260
	Gross electric plant	6,146,488
108	Accumulated provision for depreciation	(882,684)
	Net electric utility plant	5,263,804
	Steam heat plant	
101	Plant in service	8,577
107	Construction work in progress	3
	Gross steam heat plant	8,580
108	Accumulated provision for depreciation	(4,297)
	Net steam heat utility plant	4,283
	Net utility plant, less nuclear fuel	5,268,087
120.1	Nuclear fuel in process	836
	Net Utility Plant	5,268,923
	Other Property and Investments	
121	Nonutility property	4,363
122	Accumulated provision for depreciation and amortization of nonutility property	(455)
	Net nonutility property	3,908
123.1	Investment in subsidiary companies	12,603
124	Other investments	32,028
128	Other special funds	1,141
	Total Other Property and Investments	49,680
	Current and Accrued Assets	
131	Cash	5,094
132	Interest special deposits	24
134	Other special deposits	6
135	Working funds	657
136	Temporary cash investments	900
	Notes and accounts receivable	
141	Notes receivable	7
142	Customer accounts receivable	
	Electric	102,610
	Steam heat	381
143	Other accounts receivable	71,612
144	Accumulated provision for uncollectible accounts - credit	
	Electric	(4,875)
	Steam heat	(7)
	Total notes and accounts receivable	169,728

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1983

Assets and Other Debits (Continued)
(Thousands of Dollars)

Acct. No.	Title of Account	
	Current and Accrued Assets (Continued)	
146	Accounts receivable from associated companies	$ 179
	Materials and supplies	
151	Fuel stock - electric	150,295
151	Fuel stock - steam heat	1,101
152	Fuel stock expenses undistributed - electric	354
152	Fuel stock expenses undistributed - steam heat	3
154	Plant materials and operating supplies - electric	22,242
163	Stores expense undistributed - electric	674
	Total materials and supplies	174,669
165	Prepayments	37,951
	Other current and accrued assets	
171	Interest and dividends receivable	11
172	Rents receivable	655
173	Accrued utility revenues	25,879
174	Miscellaneous current and accrued assets	3,271
	Total other current and accrued assets	29,816
	Total Current and Accrued Assets	419,024
	Deferred Debits	
181	Unamortized debt expense	3,631
182	Extraordinary property losses	1,543
183	Preliminary survey and investigation charges	1,714
184	Clearing accounts	276
185	Temporary facilities	(28)
186	Miscellaneous deferred debits	54,584
188	Research and development expenditures	552
190	Accumulated deferred income taxes	
	Test generation - SSES Unit No. 1	48,094
	Spent fuel disposal	983
	Decommissioning	229
	Deferred SSES operating costs	11,175
	PURTA tax	2,657
	Total	63,138
	Total Deferred Debits	125,410
	Total Assets and Other Debits	$5,863,037

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1983

Liabilities and Other Credits
(Thousands of Dollars)

Acct. No.	Title of Account	
	Proprietary Capital	
201	Common stock issued	$1,277,053
202	Common stock subscribed	-
204	Preferred & preference stock issued	848,375
207	Premium on capital stock	87
210	Gain on resale or cancellation of reacquired capital stock	2,314
212	Installments received on capital stock	1,074
214	Capital stock expense	(17,513)
215.1	Appropriated retained earnings - amortization reserve - Federal	3,063
216	Unappropriated retained earnings	566,641
216.1	Unappropriated undistributed subsidiary earnings	(1,419)
	Total Proprietary Capital	2,679,675
	Long-Term Debt	
221	Bonds	1,975,658
224	Other long-term debt	550,686
225	Unamortized premium on long-term debt	620
226	Unamortized discount on long-term debt - debit	(11,537)
		2,515,427
	Less amount due within one year	
221	Bonds	50,829
224	Other long-term debt	146
		50,975
	Total Long-Term Debt	2,464,452
	Current and Accrued Liabilities	
	Long-term debt due within one year	
221	Bonds	50,829
224	Other long-term debt	146
231	Notes payable	113,798
232	Accounts payable	28,842
234	Accounts payable to associated companies	10,853
235	Customer deposits	
	Electric	1,841
	Steam heat	18
236	Taxes accrued	8,053
237	Interest accrued	64,619
240	Matured interest	24
241	Tax collections payable	3,495
242	Miscellaneous current and accrued liabilities	31,345
	Total Current and Accrued Liabilities	313,863

PENNSYLVANIA POWER & LIGHT COMPANY

Balance Sheet at

July 31, 1983

Liabilities and Other Credits (Continued)
(Thousands of Dollars)

Acct. No.	Title of Account	
	Deferred Credits	
252	Customer advances for construction	$ 163
253	Other deferred credits	82,679
255	Accumulated deferred investment tax credits	
	Electric	109,945
	Steam heat	142
281	Accumulated deferred income taxes - accelerated amortization property	
	Certified defense facilities	238
	Pollution control facilities	2,144
	Total accelerated amortization property	2,382
282	Accumulated deferred income taxes - other property	
	Class life depreciation system	
	Electric	41,821
	Steam heat	148
	Accelerated cost recovery system	
	Electric	128,494
	Steam heat	6
	Deduction of costs of removing retired depreciable property	
	Electric	14,375
	Steam heat	27
	Test generation - electric	6,674
	Total other property	191,545
283	Accumulated deferred income taxes - other	
	Unbilled electric revenues	13,877
	Extraordinary property loss	746
	Conversion to monthly billing	3,019
	Research and development expenses - demonstration projects	281
	Residential Conservation Service program	268
	Total other	18,191
	Total Deferred Credits	405,047
	Total Liabilities and Other Credits	$5,863,037

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Budgeted Operating Income
Year Ended July 31, 1983
(Thousand of Dollars)

Acct. No.	Title of Account	Amount
400	Operating Revenue (B-3)	$1,262,407
	Operating Expenses:	
401)	Operation and Maintenance Expense (B-4)	
402)	Power Production	496,225
	Transmission	10,816
	Distribution	69,204
	Customer Accounts	27,979
	Customer Service and Informational Expenses	7,175
	Sales	1,146
	Administrative and General	78,285
	Total Operation and Maintenance Expense	690,830
401	Deferred Susquehanna Operating Costs	20,417
403	Depreciation Expense	96,073
407	Amortization of Property Loss	712
	Taxes (B-5)	
408	Taxes Other Than Income Taxes	118,286
409	Income Taxes	76,899
	Deferred Income Taxes	
410.1	Provision	296,514
411.1	Deferred in Prior Years - Credit	(233,821)
	Investment Tax Credits	
411.4	Deferred	(36,500)
411.4	Amortization of Deferments - Credit	(2,259)
	Total Taxes	219,119
	Total Operating Expenses	1,027,151
	Operating Income	$ 235,256

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Budgeted Operating Revenue
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Sales of Electricity	
1	Residential	$ 522,380
2	Commercial	377,997
3	Industrial	373,648
4	Public Authorities	14,603
5	Railroads	1,558
6	Sales for Resale	41,214
7	Sales Revenue	$1,331,400
	Other Operating Revenue	
8	Forfeited Discounts	$ 3,307
9	Miscellaneous Service Revenue	200
10	Rental of Electric Property	5,140
	Other Electric Revenues	
11	Unbilled Revenues	(81,115)
12	Other	3,475
13	Other Operating Revenue	(68,993)
14	Total Electric Operating Revenue	$1,262,407

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Budgeted Operation and Maintenance Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

Acct. No.	Title of Account		
	Power Production Expenses		
	Steam Power Generation		
	Operation		
500	Operation Supervision and Engineering		$ 4,703
501	Fuel		
	Cost of coal and oil	$734,225	
	Other - Fuel unloading, handling, etc.	14,769	748,994
502	Steam Expenses		11,219
505	Electric Expenses		3,423
506	Miscellaneous Steam Power Expenses		13,594
507	Rents		420
	Total Operation		782,353
	Maintenance		
510	Maintenance Supervision and Engineering		1,737
511	Maintenance of Structures		3,768
512	Maintenance of Boiler Plant		42,010
513	Maintenance of Electric Plant		14,089
514	Maintenance of Miscellaneous Steam Plant		3,582
	Total Maintenance		65,186
	Total Power Production Expense-Steam Power		847,539
	Nuclear Power Generation		
518	Nuclear Fuel Expense		
	Principal Amortization	$5,539	
	Spent Fuel Disposal	1,902	
	Financing Cost-nuclear fuel to core	1,725	9,166
517 & 519-532	Other Nuclear Expenses		
	Other Nuclear Expenses		11,603
	Total Power Production Expense-Nuclear		20,769
	Hydraulic Power Generation		
	Operation		
535	Operation Supervision and Engineering		675
536	Water for Power		5
537	Hydraulic Expenses		618
538	Electric Expenses		560
539	Miscellaneous Hydraulic Power Generation Expenses		777
540	Rents		3
	Total Operation		2,638

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Budgeted Operation and Maintenance Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

Acct. No.	Title of Account		
	Hydraulic Power Generation (continued)		
	Maintenance		
541	Maintenance Supervision and Engineering		$ 99
542	Maintenance of Structures		464
543	Maintenance of Reservoirs, Dams and Waterways		1,391
544	Maintenance of Electric Plant		322
545	Maintenance of Miscellaneous Hydraulic Plant		606
	Total Maintenance		2,882
	Total Power Production Expense-Hydraulic Power		5,520
	Other Power Generation		
	Operation		
546	Operation Supervision and Engineering		100
547	Fuel		
	Cost of oil	$3,351	
	Other-Fuel unloading, handling, etc.	10	3,361
548	Generation Expenses		118
549	Miscellaneous Other Power Generation Expenses		47
550	Rents		857
	Total Operation		4,483
	Maintenance		
551	Maintenance Supervision and Engineering		94
552	Maintenance of Structures		201
553	Maintenance of Generating and Electric Plant		1,743
	Total Maintenance		2,038
	Total Power Production Expense-Other Power		6,521
	Other Power Supply Expenses		
555	Purchased Power		
	Interchange - Receipts	$ 8,009	
	- Deliveries	(508,628)	
	Net	(500,619)	
	Purchased Power - Firm	3,100	
	A.E. Buyback - Energy	4,557	
	- Demand	2,263	
	Installed Capacity	(275)	(490,974)
556	System Control and Load Dispatching		3,393
557	Other Expenses - Test Power	$ 101,416	
	- Other	2,041	103,457

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Budgeted Operation and Maintenance Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

Acct. No.	Title of Account	
	Other Power Supply Expenses (continued)	
	Total Other Power Supply Expenses	$(384,124)
	Total Power Production Expenses	496,225
	Transmission Expenses	
	Operation	
560	Operation Supervision and Engineering	1,263
561	Load Dispatching	1,896
562	Station Expenses	967
563	Overhead Line Expenses	69
565	Transmission of Electricity by Others	501
566	Miscellaneous Transmission Expenses	276
567	Rents	64
	Total Operation	5,036
	Maintenance	
568	Maintenance Supervision and Engineering	310
569	Maintenance of Structures	197
570	Maintenance of Station Equipment	2,638
571	Maintenance of Overhead Lines	1,890
573	Maintenance of Miscellaneous Transmission Plant	745
	Total Maintenance	5,780
	Total Transmission Expenses	10,816
	Distribution Expenses	
	Operation	
580	Operation Supervision and Engineering	3,085
581	Load Dispatching	2,509
582	Station Expenses	2,468
583	Overhead Line Expenses	2,985
584	Underground Line Expenses	565
585	Street Lighting and Signal System Expenses	501
586	Meter Expenses	3,527
587	Customer Installations Expenses	2,979
588	Miscellaneous Distribution Expenses	6,505
589	Rents	1,564
	Total Operation	26,688
	Maintenance	
590	Maintenance Supervision and Engineering	2,040
591	Maintenance of Structures	602
592	Maintenance of Station Equipment	3,982

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Budgeted Operation and Maintenance Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

Acct. No.	Title of Account	
	Distribution Expense (continued)	
593	Maintenance of Overhead Lines	$ 27,729
594	Maintenance of Underground Lines	2,385
595	Maintenance of Line Transformers	3,077
596	Maintenance of Street Lighting and Signal Systems	1,222
597	Maintenance of Meters	1,211
598	Maintenance of Miscellaneous Distribution Plant	268
	Total Maintenance	42,516
	Total Distribution Expenses	69,204
	Customer Accounts Expenses	
	Operation	
901	Supervision	$ 526
902	Meter Reading Expenses	6,243
903	Customer Records and Collection Expenses	14,931
904	Uncollectible Accounts	5,476
905	Miscellaneous Customer Accounts Expenses	803
	Total Customer Accounts Expenses	27,979
	Customer Service and Informational Expenses	
	Operation	
907	Supervision	54
908	Customer Assistance Expenses	6,062
909	Informational and Instructional Expenses	456
910	Miscellaneous Customer Service and Information Expenses	603
	Total Customer Service and Informational Expenses	7,175
	Sales Expenses	
	Operation	
911	Supervision	138
912	Demonstrating and Selling Expenses	458
913	Advertising Expenses	133
916	Miscellaneous Sales Expenses	417
	Total Sales Expenses	1,146

PENNSYLVANIA POWER & LIGHT COMPANY
Electric Service
Budgeted Operation and Maintenance Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

Acct. No.	Title of Account	
	Administrative and General Expenses	
	Operation	
920	Administrative and General Salaries	$ 22,179
921	Office Supplies and Expenses	12,749
923	Outside Services Employed	4,338
924	Property Insurance	4,244
925	Injuries and Damages	3,529
926	Employee Pensions and Benefits	23,555
928	Regulatory Commission Expenses	532
929	Duplicate Charges - Credit	(5,825)
930	Miscellaneous General Expenses	9,045
931	Rents - Office Buildings	80
	Total Operation	74,426
	Maintenance	
932	Maintenance of General Plant	3,859
	Total Administrative and General Expenses	78,285
	Total Electric Operation and Maintenance Expenses	$690,830

Note: PP&L develops its budgeted Operation and Maintenance expenses by major category of expense. A list of PP&L's budget items is set forth in Exhibit MJB 5.

Excluding energy costs and certain other budgeted costs which were assigned to specific accounts, this statement by accounts was prepared by increasing the historic O&M expenses by account by the percentage increase in total O&M expenses not specifically assigned previously.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Detail of Taxes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Taxes Other Than Income Taxes	
	State and Local	
1	Capital Stock	$ 19,548
2	Gross Receipts	59,008
3	Local Property and Other	180
4	Public Utility Realty	28,570
5	Regulatory Commission Assessment	1,436
6	State Unemployment Compensation	120
7	Sales and Use	442
8	Total State and Local	109,304
	Federal	
9	Unemployment Tax Act	385
10	Social Security and Hospital Insurance	8,597
11	Total Federal	8,982
12	Total Taxes Other Than Income	118,286
	Income Taxes	
13	State	15,890
14	Federal	61,009
15	Total Income Taxes	76,899
	Investment Tax Credit	
16	Deferred	(36,500)
17	Amortization of Deferments	(2,259)
18	Net Investment Tax Credit	(38,759)

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Service
Statement of Detail of Taxes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Deferred Income Taxes (a)	
	Provision for Deferred Taxes	
19	Test Power - Susquehanna	$ 67
20	Accelerated Cost Recovery System Excess Depreciation	
	- Non-Susquehanna	8,355
	- Susquehanna	120,555
21	Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	167,306
22	Residential Conservation Services Program	77
23	Research and Development Expenditures - Demonstration	154
24	Total Provision	296,514
	Provision for Deferred Taxes - Credit	
25	Deferred Susquehanna Operating Costs	(11,175)
26	Conversion to Monthly Billing	(562)
27	Spent Fuel Disposal	(983)
	Decommissioning	(229)
28	Extraordinary Property Losses	(296)
29	Pollution Control Facilities	(126)
30	Removal Costs	(777)
31	Emergency Facilities	(300)
32	Test Power - Martins Creek	(249)
	Test Power - Susquehanna	(48,161)
33	Class Life Depreciation	(47)
34	Research and Development Expenditures - Demonstration	(68)
	Accelerated Cost Recovery System Excess Depreciation - Susquehanna	(4,644)
36	Unbilled Revenues - Base Rate, Tax Surcharge and FERC Fuel Adjustment	(166,204)
37	Total Credits	(233,821)
38	Total Deferred Income Taxes	62,693
39	Total All Taxes	$219,119

(a) Breakdown of net deferred income taxes between state and federal is shown on Schedule D-17, Page 1.

PENNSYLVANIA POWER & LIGHT COMPANY

Calculation of the Composite Cost Rate of Long-Term Debt
Year Ended July 31, 1983

	Amount Outstanding ($ Thousands)	Percent to Total	Effective Interest Rate(1)	Average Weighted Cost Rate
First Mortgage Bonds				
9-7/8% Series due 1984-85	66,658	2.64	10.12	0.27
11-3/4% Series due 1984	30,000	1.19	11.89	0.14
15% Series due 1984-86	50,000	1.98	15.15	0.30
3-3/8% Series due 1985	25,000	0.99	3.40	0.03
14-3/4% Series due 1986	50,000	1.98	14.86	0.29
16-1/2% Series due 1987-91	52,000	2.06	16.62	0.34
14% Series due 1990	125,000	4.95	14.15	0.70
4-5/8% Series due 1991	30,000	1.19	4.61	0.05
16-1/8% Series due 1992	100,000	3.96	16.45	0.65
4-5/8% Series due 1994	30,000	1.19	4.59	0.05
5-5/8% Series due 1996	30,000	1.19	5.53	0.07
6-3/4% Series due 1997	30,000	1.19	6.67	0.08
7% Series due 1999	40,000	1.58	7.02	0.11
8-1/8% Series due 1999	40,000	1.58	8.16	0.13
9% Series due 2000	50,000	1.98	9.01	0.18
7-1/4% Series due 2001	60,000	2.37	7.26	0.17
7-5/8% Series due 2002	75,000	2.97	7.64	0.23
7-1/2% Series due 2003	80,000	3.16	7.50	0.24
9-1/4% Series due 2004	80,000	3.16	9.30	0.29
9-3/4% Series due 2005	125,000	4.95	9.91	0.49
9-3/4% Series due 2005	100,000	3.96	9.86	0.39
8-1/4% Series due 2006	150,000	5.94	8.34	0.50
8-1/2% Series due 2007	100,000	3.96	8.67	0.34
15-5/8% Series due 2010	100,000	3.96	15.92	0.63
16-1/2% Series due 1990 (2)	92,500	3.66	16.62	0.61
13-1/4% Series due 2012 (2)	100,000	3.96	13.55	0.54
13% Series due 1993 (2)	50,000	1.98	13.09	0.26
Pollution Control Series A				
5-5/8% Series due 2003	24,500	0.97	5.75	0.06
Pollution Control Series C & D				
7-7/8% Series C due 2000	4,000	0.16	8.11	0.01
8-1/8% Series C due 2010	16,000	0.63	8.34	0.05
11-1/4% Series D due 2002 (3)	15,000	.59	11.63	.07
11-1/2% Series D due 2012 (3)	55,000	2.18	11.86	.26
Secured Term Notes	300,000	11.87	12.50(4)	1.48
Revolving Credit Line (5)	250,000	9.90	12.50(4)	1.24
Other Long-Term Debt	686	0.02	1.94(4)	-
Total Long-Term Debt	$2,526,344	100.00%		11.25%

(1) Effective cost rate for each series of First Mortgage Bonds and Pollution Control Bonds as taken from Schedule B-6, Pages 2 and 3.
(2) First Mortgage Bonds issued or expected to be issued during the test year ended July 31, 1983.
(3) Pollution Control Bonds issued during the test year ended July 31, 1983.
(4) Weighted average.
(5) Revolving Credit Line to be "drawn down" as needed during the test year ended July 31, 1983. Interest on this debt is payable quarterly.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of the Effective Cost Rate of First Mortgage Bonds and Pollution Control Bonds
Year Ended July 31, 1983

	Description of Issue	Nominal Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Amount Retired	Coupon Rate-%	Premium or (Discount) at Issuance	Issuance Expenses	Net Proceeds	Annual Sinking Fund Requirement(1)	Average Term in Years	Net Proceeds Ratio	Effective Interest Rate
	First Mortgage Bonds													
9	7/8% Series due 1984-85	4-3-79-6-6-79	6-1-84-6-1-85	$100,000,000	$ 66,658,000	$33,342,000	9-7/8%	$ (500,000)	$435,311	$ 99,064,689	$ -	5	99.06	10.12%
11	3/4% Series due 1984	6-27-80	12-15-84	30,000,000	30,000,000	-	11-3/4	-	136,490	29,863,510	-	4	99.55	11.89
15	% Series due 1984-86	2-5-81	2-1-84-2-1-86	50,000,000	50,000,000	-	15	-	220,655	49,779,345	-	4	99.56	15.15
3	3/8% Series due 1985	8-1-55	8-1-85	25,000,000	25,000,000	-	3-3/8	-	130,036	24,869,964	250,000	30	99.48	3.40
14	3/4% Series due 1986	2-11-81-5-12-81	12-12-86	50,000,000	50,000,000	-	14-3/4	-	219,601	49,780,399	-	6	99.56	14.86
16	1/2% Series due 1987-91	10-16-81	9-1-87-9-1-91	52,000,000	52,000,000	-	16-1/2	-	280,098	51,719,902	-	8	99.46	16.62
14	% Series due 1990	12-1-80	12-1-90	125,000,000	125,000,000	-	14	(802,625)	205,383	123,991,992	-	10	99.19	14.15
4	5/8% Series due 1991	12-1-61	12-1-91	30,000,000	30,000,000	-	4-5/8	171,300	92,216	30,079,084	300,000	30	100.26	4.61
16	1/8% Series due 1992	4-1-82	4-1-92	100,000,000	100,000,000	-	16-1/8	(1,358,000)	215,000	98,427,000	-	10	98.43	16.45
4	5/8% Series due 1994	3-1-64	3-1-94	30,000,000	30,000,000	-	4-5/8	300,000	153,425	30,146,575	300,000	30	100.49	4.59
5	5/8% Series due 1996	6-1-66	6-1-96	30,000,000	30,000,000	-	5-5/8	470,970	54,725	30,416,245	300,000	30	101.39	5.53
6	3/4% Series due 1997	11-1-67	11-1-97	30,000,000	30,000,000	-	6-3/4	378,300	54,843	30,323,457	300,000	30	101.08	6.67
7	% Series due 1999	1-1-69	1-1-99	40,000,000	40,000,000	-	7	(36,400)	65,884	39,897,716	-	30	99.74	7.02
8	1/8% Series due 1999	6-1-69	6-1-99	40,000,000	40,000,000	-	8-1/8	(80,000)	65,906	39,854,094	-	30	99.64	8.16
9	% Series due 2000	3-1-70	3-1-00	50,000,000	50,000,000	-	9	24,500	74,788	49,949,712	-	30	99.90	9.01
7	1/4% Series due 2001	2-1-71	2-1-01	60,000,000	60,000,000	-	7-1/4	30,000	96,892	59,933,108	-	30	99.89	7.26
7	5/8% Series due 2002	2-1-72	2-1-02	75,000,000	75,000,000	-	7-5/8	(35,250)	110,041	74,854,709	-	30	99.81	7.64
7	1/2% Series due 2003	1-1-73	1-1-03	80,000,000	80,000,000	-	7-1/2	79,200	115,987	79,963,213	-	30	99.95	7.50
9	1/4% Series due 2004	4-1-74	4-1-04	80,000,000	80,000,000	-	9-1/4	(298,400)	129,660	79,571,940	-	30	99.46	9.30
9	3/4% Series due 2005	5-1-75	5-1-05	125,000,000	125,000,000	-	9-3/4	(1,718,750)	143,454	123,137,796	-	30	98.51	9.91
9	3/4% Series due 2005	11-1-75	11-1-05	100,000,000	100,000,000	-	9-3/4	(875,000)	142,078	98,982,922	-	30	98.98	9.86
8	1/4% Series due 2006	12-1-76	12-1-06	150,000,000	150,000,000	-	8-1/4	(1,312,500)	208,229	148,479,271	-	30	98.99	8.34
8	1/2% Series due 2007	12-1-77	12-1-07	100,000,000	100,000,000	-	8-1/2	(1,589,000)	196,460	98,214,540	-	30	98.21	8.67
15	5/8% Series due 2010	4-1-80	4-1-10	100,000,000	100,000,000	-	15-5/8	(1,641,000)	196,594	98,162,406	-	30	98.16	15.92
16	1/2% Series due 1990	8-15-82	8-15-90	92,500,000	92,500,000	-	16-1/2	-	410,000	92,090,000	-	6	99.56	16.62
13	-1/4% Series due 2012	10-1-82	10-1-12	100,000,000	100,000,000	-	13-1/4	(1,941,000)	240,000	97,819,000	-	30	97.82	13.55
13	% Series due 1993	6-15-83	6-15-93	50,000,000	50,000,000	-	13	-	250,000	49,750,000	-	10	99.50	13.09

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of the Effective Cost Rate of First Mortgage Bonds and Pollution Control Bonds
Year Ended July 31, 1983

Description of Issue	Nominal Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Amount Retired	Coupon Rate-%	Premium or (Discount) at Issuance	Issuance Expenses	Net Proceeds	Annual Sinking Fund Requirement(1)	Average Term in Years	Net Proceeds Ratio	Effective Interest Rate
Pollution Control Series A													
4 1/2% Series due 1977	5-1-73	5-1-77	500,000	-	500,000	-					4		4.95
4 1/2% Series due 1978	5-1-73	5-1-78	500,000	-	500,000	-					5		4.86
4 5/8% Series due 1979	5-1-73	5-1-79	500,000	-	500,000	-					6		4.94
4 5/8% Series due 1980	5-1-73	5-1-80	500,000	-	500,000	-					7		4.90
4 3/4% Series due 1981	5-1-73	5-1-81	500,000	-	500,000	-	(268,335)	179,720	27,551,945	-	8	98.40	5.00
4 3/4% Series due 1982	5-1-73	5-1-82	500,000	-	500,000	-					9		4.97
4 7/8% Series due 1983	5-1-73	5-1-83	500,000	-	500,000	-					10		5.08
5 5/8% Series due 2003	5-1-73	5-1-03	24,500,000	24,500,000	-	5-5/8					23		5.75
Pollution Control Series C and D													
7 7/8% Series C due 2000	6-1-80	4-1-00	4,000,000	4,000,000	-	7-7/8	(81,480)	11,410	3,907,110	-	20	97.68	8.11
8 1/8% Series C due 2010	6-1-80	4-1-10	16,000,000	16,000,000	-	8-1/8	(325,920)	45,640	15,628,440	-	29	97.68	8.34
11-1/4% Series due 2002	11-1-82	11-1-02	15,000,000	15,000,000	-	11-1/4	(386,250)	57,857	14,555,893	-	20	97.04	11.63
11-1/2% Series due 2012	11-1-82	11-1-02	55,000,000	55,000,000	-	11-1/2	(1,416,250)	212,143	53,371,607	-	30	97.04	11.86
Secured Term Notes	7-21-82	3-31-91	300,000,000	300,000,000	-	(2)	-	-	300,000,000	-	N/A	N/A	12.50(2)
Revolving Credit Line	(3)	2-28-88	250,000,000	250,000,000	-	(2)	-	-	250,000,000	-	N/A	N/A	12.50(2)
Other Long-Term Debt	3-4-74-4-21-82	5-1-75-3-8-89	1,754,520	686,332	1,068,188	0-8%	-	-	N/A	-	N/A	N/A	1.94(2)

Notes: (1) The sinking fund requirements may be met with property additions or bonds.
(2) Weighted average.
(3) To be "drawn down" as needed during the test year ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Retirements of Debt During Year Ended July 31, 1983
(Thousands of Dollars)

		Amount
First Mortgage Bonds		
10-1/8% Series due 1982	$100,000	
9-7/8% Series due 1983	33,342	
3-1/2% Series due 1983	25,000	
3-3/8% Series due 1982	7,500	$165,842
Pollution Control Bonds		
6% Series due 1983	70,000	
4-7/8% Series due 1983	500	70,500
Nuclear Fuel Trust Notes		57,923
Other Long-Term Debt		238
Total		$294,503

PENNSYLVANIA POWER & LIGHT COMPANY

Composite Cost Rate of Preferred and Preference Stock
Year Ended July 31, 1983

	Amount Outstanding ($ Thousands)	Percent to Total	Effective Cost Rate(1)	Weighted Cost Rate
4-1/2% Preferred	$ 53,019	6.25%	5.03%	0.31%
Series Preferred				
3.35%	4,178	0.49	3.37	0.02
4.60%	6,300	0.74	4.79	0.04
4.40%	22,878	2.70	4.46	0.12
9.00%	7,763	0.92	9.16	0.08
8.60%	22,237	2.62	8.75	0.23
7.40%	32,000	3.77	7.46	0.28
9.24%	66,000	7.78	9.47	0.74
8.00%	50,000	5.89	8.06	0.47
7.75%	60,000	7.07	7.80	0.55
8.00%, Second	10,000	1.18	8.06	0.10
7.50%	15,000	1.77	7.54	0.13
8.25%	50,000	5.89	8.29	0.49
8.75%	60,000	7.07	8.82	0.62
10.75%	26,500	3.12	10.83	0.34
14.00% (2)	34,000	4.01	14.14	0.57
Preference				
$ 8.40	40,000	4.72	8.55	0.40
$ 8.70	40,000	4.72	8.84	0.42
$ 8.00	35,000	4.13	8.14	0.34
$13.00	20,000	2.36	13.53	0.32
$11.00	42,500	5.01	11.40	0.57
$ 8.625	51,000	6.01	8.68	0.52
$15.00	50,000	5.89	16.07	0.95
$13.00 (3)	50,000	5.89	14.00	0.82
Total Preferred and Preference Stock	$848,375	100.00%		9.43%

(1) Effective cost rate for each series taken from Schedule B-7, Page 2.
(2) Preferred stock to be issued during test year ended July 31, 1983.
(3) Preference stock to be issued during test year ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Preferred and Preference Stock Effective Cost Rate by Series
Year Ended July 31, 1983

cription of Issue	Date of Issue	Amount Issued	Amount Outstanding	Amount Retired	Gain on Reacquisition	Issuance Expenses Net of Premium	Average Principal Amount to be Outstanding(1)	Net Proceeds(2)	Sinking Fund Requirements Annual Requirements (Shares)	Sinking Fund Requirements Redemption Period	Nominal Dividend Rate	Net Proceeds Ratio(3)	Effectiv Cost Rate(4)
ulative Preferred Stock													
3.35% Series	5-2-46	$ 4,178,300	$ 4,178,300	$ -	$ -	$ 21,029	$ 4,178,300	$ 4,157,271	-	-	3.35%	99.50%	3.37%
4.60% Series	10-21-48	6,300,000	6,300,000	-	-	248,899	6,300,000	6,051,101	-	-	4.60	96.05	4.79
4.40% Series	8-5-52	22,877,300	22,877,300	-	-	316,821	22,877,300	22,560,479	-	-	4.40	98.62	4.46
4-1/2% Series	12-10-45 12-22-54	53,018,900	53,018,900	-	-	154,373(5)	53,018,900	47,435,627*	-	-	4.50	89.47	5.03
9.00% Series	1-14-70	7,763,000	7,763,000	-	-	138,310	7,763,000	7,624,690	-	-	9.00	98.22	9.16
8.60% Series	1-21-70	22,237,000	22,237,000	-	-	393,860	22,237,000	21,843,140	-	-	8.60	98.23	8.75
7.40% Series	8-15-73	40,000,000	32,000,000	8,000,000	-	191,432	24,000,000	23,808,568	16,000	1984-2003	7.40	99.20	7.46
9.24% Series	6-8-76	75,000,000	66,000,000	9,000,000	1,496,917	1,074,709	43,965,517	42,890,808	30,000	1984-2005	9.24	97.56	9.47
8.00% Series	10-19-77	50,000,000	50,000,000	-	-	233,062	31,000,000	30,766,938	25,000	1983-2002	8.00	99.25	8.06
7.75% Series	8-8-78	60,000,000	60,000,000	-	-	293,899	48,000,000	47,706,101	120,000	1984-1988	7.75	99.39	7.80
8.00% Second Series	1-16-79	10,000,000	10,000,000	-	-	60,696	8,000,000	7,939,304	20,000	1985-1989	8.00	99.24	8.06
7.50% Series	2-1-79	15,000,000	15,000,000	-	-	78,305	15,000,000	14,921,695	150,000	1985	7.50	99.48	7.54
8.25% Series	7-2-79	50,000,000	50,000,000	-	-	210,747	40,000,000	39,789,253	100,000	1985-1989	8.25	99.47	8.29
8.75% Series	11-8-79	60,000,000	60,000,000	-	-	298,568	37,200,000	36,901,432	30,000	1985-2004	8.75	99.20	8.82
10.75% Series	10-31-80	26,500,000	26,500,000	-	-	161,250	21,200,000	21,038,750	53,000	1986-1990	10.75	99.24	10.83
14.00% Series	11-15-82	34,000,000	34,000,000	-	-	246,250	24,650,000	24,403,750	(6)	1986-1990	14.00	99.00	14.14
ulative Preference Stock													
$ 8.40 Series	12-8-70	40,000,000	40,000,000	-	-	678,905	40,000,000	39,321,095	-	-	8.40	98.30	8.55
$ 8.70 Series	7-15-71	40,000,000	40,000,000	-	-	621,621	40,000,000	39,378,379	-	-	8.70	98.45	8.84
$ 8.00 Series	7-11-72	35,000,000	35,000,000	-	-	582,445	35,000,000	34,417,555	-	-	8.00	98.34	8.14
$13.00 Series	10-10-74	25,000,000	20,000,000	5,000,000	44,180	588,849	15,156,250	14,567,401	12,500	1983-1998	13.00	96.11	13.53
$11.00 Series	8-28-75	50,000,000	42,500,000	7,500,000	773,201	1,084,493	31,000,000	29,915,507	25,000	1984-2000	11.00	96.50	11.40
$ 8.625 Series	1-25-80	51,000,000	51,000,000	-	-	253,729	40,800,000	40,546,271	102,000	1986-1990	8.625	99.38	8.68
$15.00 Series	12-17-81	50,000,000	50,000,000	-	-	2,119,836	31,730,769	29,610,933	25,000	1988-2007	15.00	93.32	16.07
$13.00 Series	12-15-82	50,000,000	50,000,000	-	-	2,260,000	31,730,769	29,470,769	25,000	1989-2008	13.00	92.88	14.00

fter deducting $5,428,900 attributable to cost of Company refinanced issues carried forward.

es: (1) Determined by taking into account the effect of annual sinking fund requirements for those series which have such a requirement which are met by the retirement of shares which reduce the principal amount available for use by the Company. A calculation of the full cost to the Company must include the effect of such principal repayments which have been made by determining the sum of the principal amounts outstanding during each year and dividing by the number of years the series is to be outstanding.

(2) Average principal amount to be outstanding less issuance expenses net of premium.

(3) Net proceeds related to the average principal to be outstanding.

(4) The effective cost rate is computed by dividing the nominal dividend rate by the net proceeds ratio.

(5) Includes $87,000 premium.

(6) Under the terms of the sinking fund for the 14% Series Preferred Stock, 25% of the original issue is to be redeemed in each of the years 1986 and 1987; 15% of the issue in each of the years 1988 and 1989; and 20% of the issue in 1990.

PENNSYLVANIA POWER & LIGHT COMPANY

Retirements of Preferred and Preference Stock
Year Ended July 31, 1983
(Thousands of Dollars)

Preferred Stock	Amount
7.40% Series	$1,600
9.24% Series	2,619
Preference Stock	
$13.00 Series	747
$11.00 Series	2,487
Total	$7,453

PENNSYLVANIA POWER & LIGHT COMPANY

Capital Structure

Line No.		1977	1978	1979	1980	1981	July 31, 1982	July 31, 1983(a)
	Capitalization (Millions of Dollars)							
1	Long-Term Debt	1,260.5	1,257.3	1,557.2	1,811.7	2,165.4	2,249.7	2,515.4
2	Preferred and Preference Stock	487.4	543.4	672.8	742.2	775.6	771.8	848.4
3	Common Equity	859.3	982.4	1,113.4	1,250.7	1,435.4	1,612.3	1,831.3
4	Total	2,607.2	2,783.1	3,343.4	3,804.6	4,376.4	4,633.8	5,195.1
	Capitalization Ratios (Percent)							
5	Long-Term Debt	48.3	45.2	46.6	47.6	49.5	48.5	48.4
6	Preferred and Preference Stock	18.7	19.5	20.1	19.5	17.7	16.7	16.3
7	Common Equity	33.0	35.3	33.3	32.9	32.8	34.8	35.3
8	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Projected

PENNSYLVANIA POWER & LIGHT COMPANY

Rate of Return at
July 31, 1983

Line No.		Capitalization Ratio (B-8)	Embedded Cost	Return
1	Long-Term Debt	48.4%	11.25% (B-6)	5.45%
2	Preferred and Preference	16.3	9.43 (B-7)	1.54
3	Common	35.3	16.20	5.72
4	Total	100.0%		12.71%

PENNSYLVANIA POWER & LIGHT COMPANY

C - MEASURES OF VALUE

Index

C-1	Measures of Value and Rates of Return
C-2	Electric Plant in Service
C-3	Electric Plant Held for Future Use
C-4	Construction Work in Progress - Pollution Control Projects
C-5	Working Capital
C-6	Fuel Stock and Material and Operating Supplies
C-7	Accumulated Deferred Taxes on Income

PENNSYLVANIA POWER & LIGHT COMPANY

Measures of Value and Rate of Return
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Original Cost Total Company Total	Ref.	Other	SSES
	Electric Plant				
1	Electric plant in service	$4,624,887	C-2	$2,949,029	$1,675,858
2	Reserve for depreciation	882,766	C-2	880,241	2,525
3	Net electric plant in service	3,742,121		2,068,788	1,673,333
	Additions and deductions				
4	Electric plant held for future use	12,322	C-3	12,322	-
5	Pollution control projects	2,684	C-4	2,684	-
6	Retirements associated with pollution control projects	-		-	-
7	Net additions and deductions	15,006		15,006	-
8	Total electric plant (net)	3,757,127		2,083,794	1,673,333
	Working Capital				
9	Cash working capital	27,075	C-5	34,705	(7,630)
10	Fuel stock and materials and operating supplies	200,742	C-6	200,568	174
11	Total working capital	227,817		235,273	(7,456)
	Deductions				
12	Accumulated deferred taxes on income	139,333	C-7	80,317	59,016
13	Customer advances for construction	163	B-1	163	-
14	Customer deposits	1,841	B-1	1,841	-
15	Total deductions	141,337		82,321	59,016
16	Measures of value (net)	$3,843,607		$2,236,746	$1,606,861

PENNSYLVANIA POWER & LIGHT COMPANY

Measures of Value and Rate of Return
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Original Cost PUC Jurisdictional Customers - Exh. AJB3 Total	Other	SSES
	Electric Plant			
1	Electric plant in service	$4,338,888	$2,839,128	$1,499,760
2	Reserve for depreciation	852,081	849,822	2,259
3	Net electric plant in service	3,486,807	1,989,306	1,497,501
	Additions and deductions			
4	Electric plant held for future use	11,819	11,819	-
5	Pollution control projects	2,572	2,572	-
6	Retirements associated with pollution control projects	-	-	-
7	Net additions and deductions	14,391	14,391	-
8	Total electric plant (net)	3,501,198	2,003,697	1,497,501
	Working Capital			
9	Cash working capital	26,039	33,535	(7,496)
10	Fuel stock and materials and operating supplies	193,598	193,441	157
11	Total working capital	219,637	226,976	(7,339)
	Deductions			
12	Accumulated deferred taxes on income	129,973	77,435	52,538
13	Customer advances for construction	163	163	-
14	Customer deposits	1,841	1,841	-
15	Total deductions	131,977	79,439	52,538
16	Measures of value (net)	$3,588,858	$2,151,234	$1,437,624
	Pro forma return at present rates			
	Dollars (D-1, column 7)	$310,960		
	Percent	8.66%		
	Pro forma return at proposed rates			
	Dollars (D-1, column 9)	$456,270		
	Percent	12.71%		

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant in Service - Original Cost
As of July 31, 1983 (a)
(Thousands of Dollars)

Line No.	Description	Amount
1	Steam production	$1,192,014
2	Nuclear production	1,666,509
3	Hydraulic production	35,360
4	Other production	34,014
5	Total production	2,927,897
6	Transmission	416,812
7	Distribution	1,156,184
8	General	123,349
9	Intangible	645
10	Total electric plant in service	$4,624,887

(a) Electric plant in service detail by account is provided in Exhibit DSH 3, Section 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Reserve for Depreciation - Original Cost
As of July 31, 1983 (a)
(Thousands of Dollars)

Line No.	Description	Amount
1	Steam production	$402,352
2	Nuclear production	2,470
3	Hydraulic production	16,105
4	Other production	21,054
5	Total production	441,981
6	Transmission	80,951
7	Distribution	333,171
8	General	26,663
9	Intangible	-
10	Total reserve for depreciation	$882,766

(a) Exhibit DSH 3, Section 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant Held for Future Use
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Production Plant	
1	Land for expansion at existing generating stations	$ 1,920
	Transmission Plant	
2	Rights of way for proposed transmission lines	575
3	Land for proposed substation	125
4	Total transmission plant	700
	Distribution Plant	
	69-138 KV	
5	Rights of way for proposed distribution lines	5,765
	Primary	
6	Rights of way for proposed distribution lines	40
7	Land for proposed substation sites	1,366
	Secondary	
8	Other distribution property	262
9	Total distribution plant	7,433
	General Plant	
10	Land for future buildings	2,269
11	Total	$12,322

Amounts claimed for electric plant held for future use represent investment in land and land rights of way required for facilities which must be built in future years to accommodate the growing needs of customers. These sites were acquired in advance of the actual construction dates since sites which meet system requirement as well as being acceptable from an environmental and other ecological standpoints are becoming more difficult to obtain and may not be available when the facilities are needed. The Company's total investment in electric plant held for future use at July 31, 1983 is $38,109,000. The above claim of $12,322,000 represents that property estimated to be in-service within a reasonable period of time (10 years) or which has a definite plan for use.

PENNSYLVANIA POWER & LIGHT COMPANY

Pollution Control Projects
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount(a)
	Sunbury Plant	
1	Provide additional fly ash storage facilities to conform to the National Pollutant Discharge Elimination System Guidelines and the Pennsylvania Department of Environmental Resources regulations.	$1,097
2	Purchase and install a system for the control of pH in the fly ash slurry piped to Ash Basin #3 and, thereby, ensure compliance with the Pennsylvania Clean Streams Law and National Pollutant Discharge Elimination System permit requirements.	167
3	Total Sunbury	1,264
	Montour Plant	
4	Install a pH control system in order to keep the detention basin discharge in compliance once the dry fly ash handling system is installed.	1,420
5	Total Montour	1,420
6	Total Pollution Control	$2,684

(a) Estimated expenditures through July 31, 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Retirements Associated with Pollution Control Projects
As of July 31, 1983
(Thousands of Dollars)

This adjustment is not applicable to the test year ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Cash Working Capital
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
1	Operation and maintenance expenses (page 2)	$45,261
2	Average prepayments (page 3)	3,856
3	Accrued tax adjustment (page 4)	8,846
4	Interest payment (page 5)	(29,138)
5	Preferred dividend payment (page 6)	(1,750)
6	Total cash working capital requirement	$27,075

PENNSYLVANIA POWER & LIGHT COMPANY

Working Capital Required for Operation and Maintenance Expenses
As of July 31, 1983
(Thousands of Dollars)

The Company bills its customers every month. On this basis, there is a considerable span of days between the time electricity is furnished to a customer and the time the customer pays for such electricity.

In many instances the Company must pay its bills for payroll, fuel and other operating expenses prior to the time it is able to collect the amount due for the service producing this expense. Thus, the Company has examined its records to determine, as to the major categories of expense, the average span of days which exists between the time an expense is incurred and the time it must be paid. Schedule C-5, Page 2, of Exhibit Historic 1 sets forth the individual components which result in the 13.6 days lag between payment of expenses and receipt of the related revenue employed in the determination of the working capital required for operation and maintenance expenses for the year ended July 31, 1983.

Line No.	Description	Amount
1	Pro forma operation and maintenance expenses (a)	$1,214,607
2	Operating expenses per day (line 1 ÷ 365 days)	$ 3,328
3	Average lag in days between payment of operating expenses and receipt of revenue (b)	13.6
4	Requirement (line 2 x line 3)	$ 45,261

		Reference	Amount
(a)	Pro forma operation and maintenance expenses	D-1, pg. 1, col. 6, line 2	$ 662,613
	Net interchange delivered - classified as revenue for this schedule	D-4, col. 7, line 7	557,470
	Total		1,220,083
	Less: Non-cash items		
	Uncollectible accounts (B-4, page 4)		5,476
	Total pro form O&M expenses		$1,214,607

(b) See Exhibit Historic 1, Schedule C-5, page 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Average Prepayments Excluding Taxes
As of July 31, 1983
(Thousands of Dollars)

Line No.	Month	Insurance	Rents	Vehicle Registration	Postage	Total
1	July 1981	$ 1,298	$ 373	$ 360	$ 63	$ 2,094
2	August	963	287	325	47	1,622
3	September	679	130	351	85	1,245
4	October	497	358	311	68	1,234
5	November	662	232	270	59	1,223
6	December	2,164	90	230	60	2,544
7	January 1982	2,663	332	189	84	3,268
8	February	2,315	200	174	123	2,812
9	March	1,955	65	133	31	2,184
10	April	1,750	302	460	48	2,560
11	May	1,380	198	427	76	2,081
12	June	2,386	37	396	97	2,916
13	July	1,957	250	357	102	2,666
14	Total	$20,669	$2,854	$3,983	$943	$28,449
15	Monthly Avg.	$ 1,590	$ 220	$ 306	$ 72	$ 2,188
16	Nuclear Insurance	1,668	-	-	-	1,668
17	Monthly Avg.(Net)	$ 3,258	$ 220	$ 306	$ 72	$ 3,856

NOTE: The Company does not budget prepayments by months. For purposes of this schedule, it is assumed that the 13-month average balances for the test year ended July 31, 1982 will be experienced during the year ended July 31, 1983. However, these balances have been adjusted to reflect the average balance of prepaid nuclear-related insurance.

PENNSYLVANIA POWER & LIGHT COMPANY

Accrued Tax Adjustment
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Reference	Amount	12-Month Average Factor	Adjustment for Accrued Taxes
1	Federal income tax	D-1, page 1, col. 6 + col. 8	$20,170	(7.89)%	$(1,591)
2	Pennsylvania income tax	(a)	35,467	(14.76)	(5,235)
3	Pennsylvania gross receipts tax	(b)	72,994	13.36	9,752
4	Pennsylvania capital stock tax	(c)	21,083	13.36	2,817
5	Pennsylvania public utility realty tax	B-5	28,570	10.86	3,103
6	Total				$ 8,846

(a) Pennsylvania income tax

$23,567 (D-1, page 1, col. 6 + col. 8) x 10.5/6.977 = $35,467

(b) Pennsylvania gross receipts tax

Amount per budget (B-5)		$59,008
Adjustment due to annualized revenue (D-15, page 3)	$ 295	
Adjustment due to proposed increase (D-16, page 6)	5,921	
Total	$6,216	
$6,216 x 45 mills / 20 mills =		13,986
		$72,994

(c) Pennsylvania capital stock tax

Amount per budget (B-5)	$19,548	
Adjustment due to tax surcharge recovery (D-15, page 1)	(7,770)	
Adjustment due to proposed increase (D-16, page 6)	872	
Total	$12,650	
$12,650 x 10 mills / 6 mills =		$21,083

Note: The 12 month average factor shown above represents, in the case of Federal and State income tax, the portion of the income tax liability which is available to the Company for the payment of other costs. This situation exists since revenues are available from customers prior to payment dates of the tax. The factors for the other Pennsylvania taxes represent the portions of those tax liabilities which must be provided by the Company due to payment of the taxes before the revenues are available from customers. See Exhibit Historic 1, Schedule C-5, pages 7 through 12 for computation of this factor.

PENNSYLVANIA POWER & LIGHT COMPANY

Interest Payments
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Total	Semi-Annual	Quarterly
1	Measures of value at July 31, 1983 (C-1)	$3,843,607	$3,843,607	$3,843,607
2	Capitalization ratio: Long term debt (B-8)	48.4%	48.4%	48.4%
3	Embedded debt cost (B-6)	11.25%	10.01%	1.24%
4	Pro-forma interest (line 1 x 2 x 3)	$ 209,284	$ 186,217	$ 23,067
5	Daily amount (line 4 ÷ 365)		$ 510	$ 63
6	Days to mid-point of interest payment		90.0	45.0
7	Less: Revenue lag days (a)		34.2	34.2
8	Interest lag days		55.8	10.8
9	Interest offset to measures of value (line 5 x line 8)	$ 29,138	$ 28,458	$ 680

(a) Exhibit Historic 1, Schedule C-5, page 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Preferred Dividend Payments
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description		Amount
1	Measures of value at July 31, 1983 (C-1)		$3,843,607
2	Capitalization ratio: Preferred & preference stock (B-8)		16.3%
3	Embedded preferred cost (B-7)		9.43%
4	Pro-forma dividends (line 1 x 2 x 3)		$ 59,080
5	Daily amount (line 4 ÷ 365)		$ 162
6	Days to midpoint of preferred dividend payments	45.0	
7	Less: Revenue lag days (a)	34.2	
8	Preferred & preference lag days		10.8
9	Preferred & preference stock dividend offset to measures of value (line 5 x line 8)		$ 1,750

(a) Exhibit Historic 1, Schedule C-5, page 2.

PENNSYLVANIA POWER & LIGHT COMPANY

Fuel Stock and Materials and Operating Supplies
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Fuel Stock	
1	Coal stock at steam electric stations (page 2)	$114,253
2	Oil stock at all stations (page 3)	63,219
3	Fuel stock expense undistributed (B-1, page 2)	354
4	Total fuel stock	177,826
5	Plant materials and operating supplies (B-1, page 2)	22,242
6	Stores expense undistributed (B-1, page 2)	674
7	Total fuel stock and materials and operating supplies	$200,742

PENNSYLVANIA POWER & LIGHT COMPANY

Coal Stock
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description		Coal Stock in Tons	Average Inventory Price Per Ton at 7/31/83	Total Inventory Value
	Bituminous				
1		Brunner Island	600,000(a)	$47.00	$ 28,200
2		Sunbury	120,000(a)	43.53	5,224
3		Martins Creek	140,000(a)	46.86	6,560
4		Montour	625,000(a)	47.67	29,794
5		Keystone	89,800	33.51	3,009
6		Conemaugh	105,800	43.85	4,639
	Anthracite				
7		Sunbury	1,263,800	8.76	11,071
8		Holtwood	159,200	23.32	3,712
	Petro Coke				
9		Sunbury	2,200	41.03	90
10		Holtwood	31,600	32.54	1,028
11	System Reserve (b)		4,723,800	4.43	20,926
12	Total				$114,253

(a) Represents a 50-day supply of bituminous. All other stations are based on a 13-month average of coal stock.

(b) The Company owns six Anthracite culm banks (System Reserve) at various locations which are used as fuel for the Sunbury and Holtwood plants. The Company expects to buy additional quantities of this low cost fuel, when available. Because of this continuing increase, the inventory value of the System Reserve supply at July 31, 1983 is used in this schedule instead of calculating an average.

PENNSYLVANIA POWER & LIGHT COMPANY

Oil Stock
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Oil Stock in Gallons (except for Martins Creek #3&#4 in Bbls.)	Average Price Per Gallon/Barrel at 7/31/83	Total Inventory Value
	Steam Electric Stations			
1	Martins Creek #3&#4 (Residual)	1,720,000(a)	$31.67	$54,472
2	Martins Creek #3&#4 (Light Oil)	146,300	40.98	5,995
3	Martins Creek #1&#2	43,100	1.02	44
4	Brunner Island	267,000	1.02	272
5	Sunbury	46,100	1.03	47
6	Holtwood	45,000	1.03	46
7	Montour	448,000	1.03	461
8	Keystone	45,700	1.23	56
9	Conemaugh	25,700	1.26	32
10	Susquehanna	171,000	1.02	174
	Combustion Turbines			
11	Allentown	194,400	1.02	198
12	Fishbach	92,100	1.02	94
13	Harrisburg	184,400	1.02	188
14	Harwood	87,500	1.02	89
15	Jenkins	88,400	1.02	90
16	Lock Haven	86,700	1.02	88
17	Suburban	167,200	1.02	171
18	West Shore	99,900	1.02	102
19	Williamsport	87,200	1.02	89
20	Sunbury	182,700	1.02	186
21	Martins Creek	318,700	1.02	325
22	Total			$63,219

(a) Represents a 25-Day supply of #6 oil. All other stations are based on estimated oil stocks for period.

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G. F. Vanderslice

PENNSYLVANIA POWER & LIGHT COMPANY

Accumulated Deferred Taxes on Income
As of July 31, 1983
(Thousands of Dollars)

Line No.	Description	Reference		Amount
	Accelerated Amortization Property			
1	Certified defense facilities	B-1, page 4	$ 238	
2	Pollution control facilities	B-1, page 4	2,144	
3	Balance at July 31, 1983			$ 2,382
	Liberalized Depreciation			
4	Class life depreciation system	B-1, page 4	41,821	
5	Deduction of costs of removing retired depreciabile property	B-1, page 4	14,375	
6	Balance at July 31, 1983			56,196
	Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981*			
7	Susquehanna property		107,110	
8	Other property		12,046	
9	Balance at July 31, 1983			119,156
10	Test power - Martins Creek - balance at July 31, 1983	B-1, page 4		6,674
11	Test power - Susquehanna - balance at July 31, 1983	B-1, page 2		(48,094)
12	Conversion to monthly billing - balance at July 31, 1983	B-1, page 4		3,019
13	Total accumulated deferred taxes on income			$139,333

*Reflects claim for Federal income tax portion only.

PENNSYLVANIA POWER & LIGHT COMPANY

D - OPERATING INCOME

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D-1	Operating Income Pro Forma at Present Rates and Proposed Rates
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D-5	Adjustments to Wages
D-6	Adjustments to Employee Benefits
D-7	Adjustment to Rate Case Expenses
D-8	Amortization of Flood Costs
D-9	Adjustment for Interest Expense on Customer Deposits
D-10	Adjustment for RCS Program Expense
D-11	Adjustment for Annual Operating Expense of Susquehanna SES Unit No. 1
D-12	Adjustment for Decommissioning Costs
D-13	Adjustment for Spent Nuclear Fuel Disposal Costs
D-14	Adjustment to Depreciation
D-15	Adjustments to Taxes Other Than Income
D-16	Adjustment to Federal and Pennsylvania Income Taxes
D-17	Adjustment to Deferred Income Taxes
D-18	Adjustment to Investment Tax Credits

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Income
Pro Forma at Present and Proposed Rates
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.		(1) Per Budget	(2) Eliminate SSES Unit No. 1 Costs D-2, Pg. 2	(3) Adjusted Budget	(4) Adjustments (Other) D-2, Pg. 1	(5) Adjustments (SSES) D-2, Pg. 1	(6) Pro Forma at Present Rates	PUC Jurisdictional Customers (7) Pro Forma at Present Rates Exh. AJB 3	(8) Rate Increase D-16, Pg. 6	(9) Pro Forma at Proposed Rates
1	Operating Revenues	$1,262,407	$ (6,731)	$1,255,676	$ (34,767)	$ 31,893	$1,252,802	$1,186,279	$ 296,068	$1,482,347
	Operating Expenses									
2	Operation and Maintenance	690,830	21,981	712,811	49,342	(99,540)	662,613	633,735	-	633,735
3	Deferred SSES Operating Costs	20,417	(20,417)	-	-	-	-	-	-	-
4	Depreciation	96,073	(2,746)	93,327	4,139	15,008	112,474	107,731	-	107,731
	Provision for Taxes									
5	Taxes Other Than Income	118,286	(344)	117,942	(70,998)	1,347	48,291	46,243	6,793	53,036
	Income Taxes									
6	Federal	61,009	12,427	73,436	(63,200)	(8,633)	1,603	2,976	18,567	21,543
7	State	15,890	3,303	19,193	(7,782)	(8,027)	3,384	3,362	20,183	23,545
8	Deferred Income Taxes	62,693	(55,430)	7,263	(1,528)	77,801	83,536	75,107	-	75,107
	Investment Tax Credits									
9	Deferral	(36,500)	36,500	-	58,031	(48,925)	9,106	8,544	105,215	113,759
10	Amortization of Deferments - Credit	(2,259)	227	(2,032)	(126)	(1,104)	(3,262)	(3,061)	-	(3,061)
11	Total Taxes	219,119	(3,317)	215,802	(85,603)	12,459	142,658	133,171	150,758	283,929
12	Amortization of Property Loss	712	-	712	-	-	712	682	-	682
13	Total Operating Expenses	1,027,151	(4,499)	1,022,652	(32,122)	(72,073)	918,457	875,319	150,758	1,026,077
14	Operating Income	$ 235,256	$ (2,232)	$ 233,024	$ (2,645)	$ 103,966	$ 334,345	$ 310,960	$ 145,310	$ 456,270

Note: For the purpose of this filing, the portion of those Pennsylvania taxes recovered by the tax surcharge are not included in taxes claimed and the tax surcharge revenues are eliminated.

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PENNSYLVANIA POWER & LIGHT COMPANY

Operating Income
Pro Forma at Present and Proposed Rates
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.		(1)	(2)	(3)	(4)	(5)
			PUC Jurisdictional Customers			
		Pro Forma at Present Rates Exh. AJB 3 (Sch. D-1, Pg. 1, Col. 7)	Rate Increase Exc. SSES	Pro Forma at Proposed Rates Exc. SSES Rate Increase	Rate Increase SSES	Pro Forma at Proposed Rates Inc. SSES (Sch. D-1, Pg. 1 Col. 9)
1	Operating Revenues	$1,186,279	$ 101,129	$1,287,408	$ 194,939	$1,482,347
	Operating Expenses					
2	Operation and Maintenance	633,735	-	633,735	-	633,735
3	Deferred SSES Operating Costs	-	-	-	-	-
4	Depreciation	107,731	-	107,731	-	107,731
	Provision for Taxes					
5	Taxes Other Than Income	46,243	2,320	48,563	4,473	53,036
	Income Taxes					
6	Federal	2,976	6,342	9,318	12,225	21,543
7	State	3,362	6,894	10,256	13,289	23,545
8	Deferred Income Taxes	75,107	-	75,107	-	75,107
	Investment Tax Credits					
9	Deferral	8,544	35,939	44,483	69,276	113,759
10	Amortization of Deferments-Credit	(3,061)	-	(3,061)	-	(3,061)
11	Total Taxes	133,171	51,495	184,666	99,263	283,929
12	Amortization of Property Loss	682	-	682	-	682
13	Total Operating Expenses	875,319	51,495	926,814	99,263	1,026,077
14	Operating Income	$ 310,960	$ 49,634	$ 360,594	$ 95,676	$ 456,270

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Income
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Reference	Description	Amount Other	Amount SSES
		Operating Revenues		
1	D-3, Pg. 1	Operating revenue	$(34,767)	$ 31,893
		Operation and Maintenance Expenses		
2	D-4, Pg. 1	Energy costs	34,097	(171,913)
3	D-5, Pg. 1	Wage expense	13,171	-
4	D-6, Pg. 1	Employee benefits expense	1,844	-
5	D-7, Pg. 1	Rate case expenses	(161)	-
6	D-8, Pg. 1	Amortization of flood costs	-	-
7	D-9, Pg. 1	Interest expense on customer deposits	166	-
8	D-10, Pg. 1	RCS program expenses	225	-
9	D-11, Pg. 1	SSES Unit No. 1 annual operating costs	-	61,576
10	D-12, Pg. 1	Decommissioning expense	-	2,644
11	D-13, Pg. 1	Spent fuel disposal expenses	-	8,153
12		Total	49,342	(99,540)
		Depreciation		
13	D-14, Pg. 1	Annual depreciation expense	4,139	15,008
		Provision for Taxes		
		Taxes other than income		
14	D-15, Pg. 1	State capital stock	(7,770)	-
15	D-15, Pg. 1	State gross receipts	(34,658)	-
16	D-15, Pg. 1	State public utility realty	(28,570)	-
17	D-11, Pg. 1	Payroll taxes	-	1,347
		Income taxes		
18	D-16, Pg. 1	Federal	(63,200)	(8,633)
19	D-16, Pg. 1	State	(7,782)	(8,027)
20	D-17, Pg. 1	Deferred income taxes	(1,528)	77,801
		Investment tax credit		
21	D-18, Pg. 1	Provision	58,031	(48,925)
22	D-18, Pg. 3	Amortization	(126)	(1,104)
23		Total taxes	(85,603)	12,459
24		Total operating expenses	(32,122)	(72,073)
25		Total adjustments	$ (2,645)	$103,966

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Budgeted Income
for SSES Unit No. 1 Operations
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Reference	Description	Amount
		Operating Revenues	
1	D-3, Pg. 2	Operating revenue	$ (6,731)
		Operation and Maintenance Expenses	
2	D-4	Energy costs	37,211
3	D-11, Pg. 2	SSES Unit No. 1 annual operating costs	(12,885)
4	D-12, Pg. 2	Decommissioning expenses	(443)
5	D-13, Pg. 2	Spent fuel disposal expenses	(1,902)
6		Total	21,981
		Deferred SSES Operating Costs	(20,417)
		Depreciation	
7	D-14, Pg. 2	Annual depreciation expense	(2,746)
		Provision for Taxes	
		Taxes other than income	
8	D-11, Pg. 2	Payroll taxes	(344)
		Income taxes	
9	D-16, Pg. 2	Federal	12,427
10	D-16, Pg. 2	State	3,303
11	D-17, Pg. 2	Deferred income taxes	(55,430)
		Investment tax credit	
12	D-18, Pg. 2	Provision	36,500
13	D-18, Pg. 4	Amortization	227
14		Total taxes	(3,317)
15		Total operating expense	(4,499)
16		Total adjustments	$ (2,232)

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Operating Revenue
Year July 31, 1983
(Thousands of Dollars)

Line No.	Description	Adjusted Budget(a) Amount	Reference	Pro-Forma at Present Rates Amount	Adjustments (Col. (3)-Col. (1)) Amount	Explanation
	Sales of Electricity					
	Pa. P.U.C. Jurisdictional Customers					
1	Rate revenue	$1,074,270		$1,174,533	$ 100,263	Net increase in revenues resulting from annualization of sales and the full recovery of energy costs thru base rates.
2	Energy cost rate revenue	143,682	D-3, pg. 3	-	(143,682)	Total energy costs are being included in operating expenses thus requiring inclusion in base rates of energy cost rate revenues.
3	Tax surcharge revenue	72,514		-	(72,514)	The portion of those Pennsylvania taxes recovered by the tax surcharge are not included in the taxes claimed, thus requiring elimination of tax surcharge revenues.
4	Total PPUC tariff revenues	1,290,466		1,174,533	(115,933)	
5	Delayed payment charges	3,307	D-3, pg. 3	3,348	41	
6	Other electric revenues	(72,727)	D-3, pg. 3	8,398	81,125	Net increase resulting from the elimination of unbilled energy revenues and other unbilled revenues.
7	Total revenues - PPUC	1,221,046	D-3, pg. 3	1,186,279	(34,767)	
	FERC Jurisdictional Customers					
8	Rate revenue	30,638		62,531	31,893	Net increase resulting from the the inclusion of revenues associated with the Atlantic City contract.
9	Fuel clause revenue	3,565		3,565	-	
10	Delayed payment charges	-		-	-	
11	Other electric revenues	427		427	-	
12	Total Revenues-FERC	34,630		66,523	31,893	
13	Total operating revenue (line 7 + line 12)	$1,255,676		$1,252,802	$ (2,874)	

(a) Reflects the elimination of FERC jurisdictional SSES Unit No. 1 - related operating revenue included in the test year operating budget as set forth on D-3, page 2.

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related
Operating Revenue
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of SSES Unit No. 1 - related FERC jurisdictional operating revenue included in the test year operating budget.

Line No.	Description	Amount
1	SSES Unit No. 1 - related revenues associated with Atlantic City Electric contract	$ 6,731

PENNSYLVANIA POWER & LIGHT COMPANY

Estimated Annual Revenues at Current and Proposed Rates
For 12 Months Ended July 31, 1983
Supplement No.2 to Pa. P.U.C. No. 199

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
			Projected Conditions 12 Months Ended July 31, 1983				Projected Conditions 12 Months Ended July 31, 1983						
			Current Rates				Proposed Rates						
Rate Schedule	No. of Customers As Of July 31, 1983	Sales (kwh)	Rate	Tax Surcharge (6.75%)	Energy Adjustment (3.814 m/kwh)	Total	Rate	Tax Surcharge (6.30%)	Energy Adjustment	Total	Increase Over Current Total Revenue Amount (11) - (7)	Increase Over Current Total Revenue % (12) ÷ (7)	Line No.
RS	895,681	8,184,691,200	$ 438,552,725	$29,602,309	$31,216,412	$ 499,371,446	$ 586,798,682	$36,968,191	-	$ 623,766,873	$124,393,427	24.91	1
RTS	25	506,000	24,087	1,626	1,922	27,635	25,885	1,631	-	27,516	(119)	(.43)	2
GS-1	99,662	1,030,000,000	78,228,314	5,280,411	3,928,420	87,437,145	103,147,865	6,498,315	-	109,646,180	22,209,035	25.40	3
GS-3	11,987	4,000,000,000	202,762,837	13,686,478	15,256,000	231,705,115	273,163,547	17,209,303	-	290,372,850	58,667,735	25.32	4
LP-4	690	3,155,000,000	127,603,983	8,613,269	12,033,170	148,250,422	174,888,080	11,017,949	-	185,906,029	37,655,607	25.40	5
LP-5	91	1,185,000,000	42,280,257	2,853,917	4,519,590	49,653,764	58,276,810	3,671,426	-	61,948,036	12,294,272	24.76	6
LP-6	27	3,533,350,000	113,753,188	7,678,340	13,476,197	134,907,723	159,362,714	10,039,914	-	169,403,628	34,495,905	25.57	7
BL	18	3,800,000	239,643	16,176	14,493	270,312	317,685	20,025	-	337,890	67,578	25.00	8
BA	-	35,300,000	3,830,940	258,588	134,634	4,224,162	4,845,666	305,277	-	5,150,943	926,781	21.94	9
BM	602	91,500,000	11,008,173	743,052	348,981	12,100,206	13,887,348	874,903	-	14,762,251	2,662,045	22.00	10
BHS	80	5,000,000	980,611	66,191	19,070	1,065,872	1,153,408	72,665	-	1,226,073	160,201	15.03	11
SE	-	-	-	-	-	-	-	-	-	-	-	-	12
TS(R)	19	533,635	40,729	2,749	2,035	45,513	53,014	3,340	-	56,354	10,841	23.82	13
RX(R)	101	1,804,800	89,404	6,035	6,884	102,323	121,643	7,664	-	129,307	26,984	26.37	14
SI-1(R)	23	4,706,365	521,658	35,212	17,950	574,820	675,941	42,584	-	718,525	143,705	25.00	15
SI-4(R)	9	2,780,000	255,234	17,228	10,603	283,065	344,205	21,685	-	365,890	82,825	29.26	16
SI-5(R)	2	180,000	26,409	1,782	687	28,879	36,334	2,289	-	38,623	9,744	33.74	17
GH-1(R)	700	240,000,000	12,027,637	811,865	915,380	13,754,862	16,302,682	1,027,068	-	17,329,751	3,574,889	25.99	18
GH-2(R)	3,500	125,000,000	5,919,752	399,584	476,750	6,796,091	8,041,503	506,615	-	8,548,123	1,752,032	25.78	19
GH-4(R)	1,400	775,000,000	36,123,872	2,438,381	2,955,850	41,518,083	49,645,941	3,127,694	-	52,773,635	11,255,552	27.11	20
Total Tariff 199	1,014,697	22,374,150,000	$1,074,269,256	$72,513,174	$85,335,008	$1,232,117,436	$1,451,087,938	$91,418,539	-	$1,543,506,477	$310,389,039	25.19	21
Late Payment Charge	-	-	$ 3,307,000	-	-	$ 3,307,000	$ 4,140,033	-	-	$ 4,140,033	$ 833,033	25.19	22
Other Electric Revenue	-	-	8,398,000	-	-	8,398,000	8,398,000	-	-	8,398,000	-	-	23
Total Miscellaneous	-	-	$ 11,705,000	-	-	$ 11,705,000	$ 12,538,033	-	-	$ 12,538,033	$ 833,033	7.12	24
PPUC Annualization	-	329,546,295	$ 13,540,056	$ 913,954	$ 1,256,890	$ 15,710,900	$ 18,502,800	$ 1,165,678	-	$ 19,668,478	$ 3,957,578	25.19	25
Interdepartmental	-	2,200,000	165,440	11,167	8,391	184,998	218,099	13,740	-	231,839	46,841	25.32	26
Total Adjustment	-	331,746,295	$ 13,705,496	$ 925,121	$ 1,265,281	$ 15,895,898	$ 18,720,899	$ 1,179,418	-	$ 19,900,315	$ 4,004,417	25.19	27
PPUC Jurisdictional Total	1,014,697	22,705,896,295	$1,099,679,752	$73,438,295	$86,600,289	$1,259,718,336	$1,482,348,870	$92,597,955	-	$1,574,944,825	$315,226,489	25.02	28

* Line 25, Cols. (4) & (7) include $41,239 Late Payment Charge Annualization

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PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Tax Adjustment Surcharge

ELECTRIC DEPARTMENT

		As Filed 3/15/82 Amount*	Revised For Proposed Rates
1.	Capital Stock Tax	$ 5,772,852	$ 5,772,852
2.	Corporate Net Income Tax	9,400,901	18,004,546
3.	Utility Realty Tax	26,583,038	26,583,038
4.	Gross Receipts Tax	26,297,085	35,547,435
5.	Total of Items 1, 2, 3 and 4	$ 68,053,876	$ 85,907,871
6.	Item 5 divided by complement of Gross Receipts Tax Rate (.955)	$ 71,260,603	$ 89,955,886
6a.	Gross Intrastate Operating Revenues derived from service under rates subject to the jurisdiction of the Pennsylvania Public Utility Commission	$1,056,268,905	$1,427,001,089
7.	Surcharge (Line 6 divided by Line 6a)	6.75%	6.30%

* Based on operations for the 12 months ended December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Energy Cost Rate
(Without Susquehanna Costs and Output)
Period Ending July 31, 1983

Line No.		($1,000)	
1	Fossil Fuel Expense	782,797.0	
2	Power Purchases	11,407.5	$794,204.5
	Less:		
3	Expenses Not Recoverable	5,365.8	
4	Power Sales	366,361.4	371,727.2
5	Net Energy Cost		$422,477.3
	Total Sales		
6	1983 Forecast Sales (Elec. Dept.)	23,255,721,000 KWH	
7	Annualization	329,546,300 "	
8	Co. Use	205,000,000 "	
9	Interdepartmental	2,200,000 "	
10	Total	23,792,467,300 KWH	
11	Net Energy Cost (Line 5 ÷ Line 10)		17.757 Mills/KWH
12	Less Base Energy Cost - F_b/S_b		14.115 Mills/KWH
13	Cost Above Base Cost (Line 11 - Line 12)		3.642 Mills/KWH
14	Gross Receipt - Tax Factor (1/.955)		1.04712 Mills/KWH
15	Energy Cost Rate		3.814 Mills/KWH

PENNSYLVANIA POWER & LIGHT COMPANY

Computation of Base Energy Cost
(With Susquehanna Cost and Output)
Period Ending July 31, 1983

Line No.		($1,000)	
	Fuel Expense:		
1	Fossil Fuel Cost	$ 764,370.8	
2	Nuclear Fuel Cost	26,589.6	
3	Total Fuel Expense	$ 790,960.4	$790,960.4
4	Power Purchases		30,994.5
	Less:		
5	Expenses Not Recoverable	$ 25,750.2	
6	Power Sales	565,819.4	
		$ 591,569.6	(591,569.6)
7	Net Energy Cost - F_b		$230,385.3
	Sales		
8	1983 Forecast Sales (Elec. Dept.)	23,255,721,000 KWH	
9	Annualization	329,546,300 "	
10	Co. Use	205,000,000 "	
11	Interdepartmental	2,200,000 "	
12	Total Sales - S_b	23,792,467,300 KWH	
13	Base Energy Cost (line 7 ÷ line 12) = F_b/S_b	9.683 Mills/KWH	

PENNSYLVANIA POWER & LIGHT COMPANY

Energy Cost Recoverable Through Base Rates
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.		(1) Per Budget	(2) Eliminate SSES Budgeted Operations	(3) Adjusted Budget	(4) Pro Forma Adjustments	(5) Pro Forma Without SSES Unit No. 1	(6) SSES Unit No. 1 12 Months Operation	(7) Pro Forma With SSES Unit No. 1 - 12 Months Operations
	Energy - Related							
	Fuel							
1	Steam power generation	$ 734,225	$ -	$ 734,225	$ 42,243	$ 776,468	$ (18,632)	$ 757,836
2	Nuclear power generation (excluding ACE sales)	5,539	(5,539)	-	-	-	24,837	24,837
3	Other power generation	3,351	-	3,351	-	3,351	-	3,351
	Purchased Power							
4	AE buyback	4,557	-	4,557	(4,557)	-	1,831	1,831
	Interchange							
5	Receipts	8,009	5	8,014	294	8,308	(955)	7,353
6	Deliveries	(508,628)	143,886	(364,742)	(908)	(365,650)	(199,173)	(564,823)
7	Net interchange	(500,619)	143,891	(356,728)	(614)	(357,342)	(200,128)	(557,470)
8	Test Power	101,416	(101,416)	-	-	-	-	-
9	Net energy-related expenses	348,469	36,936	385,405	37,072	422,477	(192,092)	230,385
10	ACE sales	-	-	-	-	-	1,753	1,753
11	Total energy-related expenses	348,469	36,936	385,405	37,072	422,477	(190,339)	232,138
	Demand - Related							
12	Safe Harbor	3,100	-	3,100	-	3,100	-	3,100
13	AE buyback	2,263	-	2,263	(2,263)	-	18,710	18,710
14	Installed capacity-Interchange	(275)	275	-	(712)	(712)	(284)	(996)
15	Net demand-related expense	5,088	275	5,363	(2,975)	2,388	20,179	22,567
16	Total energy costs to be recovered through base rates	$ 353,557	$ 37,211	$ 390,768	$ 34,097	$ 424,865	$ (171,913)	$ 252,952

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Wage Expense
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description		Amount
1	Average biweekly wage per employee - electric	$1,202	
2	Personnel expected at end of test year - electric	8,611	
3	Annualized wage expense (line 1 x line 2 x 26.1 pay periods)		$270,146
4	Less: Wage expense for the test year ended July 31, 1983 as budgeted		248,376
5	Increase in total wage expense		$ 21,770
6	Increase in wage expense (line 5 x 60.5%)		$ 13,171

The above adjustment was made to reflect the number of employees and level of wages in effect at the end of the test year.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Employee Benefits Expense
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
1	Pension	$28,704
2	Group life insurance	3,602
3	Hospitalization	9,071
4	Major medical	793
5	Disability	1,033
6	Dental	1,559
7	Longevity	744
8	Accidental death & dismemberment	442
9	Total	$45,948
10	Total employee benefits - electric (99%)	$45,489
11	Less: Employee benefits per budget - electric	42,401
12	Increase in employee benefits-electric (line 10 - line 11)	$ 3,088
13	Increase in employee benefits to expense (line 12 x 60.5%)	$ 1,868
14	Additional adjustments to expense (100%): Medical benefits - retirees	(28)
15	Supplemental pension costs	4
16	Increase in employee benefits expense	$ 1,844

This adjustment was made to reflect the level of benefit costs at the end of the test year.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Rate Case Expense
Year Ended July 31, 1983
(Thousands of Dollars)

Rate case expenses for the test year ended July 31, 1983 applicable to these proceedings, the detail of which is shown below, are estimated to be $464,000.

Line No.	Description	Amount
1	Legal fees and expenses	$212
2	Expert fees and expenses	200
3	Employee expenses	18
4	Printing and office supplies including ratepayer information booklet	21
5	Other	13
6	Total adjusted rate case expense	$464
7	Amount charged to ratepayers (line 6 ÷ 2) (b)	$232
8	Less: PPUC rate case expense budgeted (a)	393
9	Decrease in expense	$161

(a) Total regulatory commission expense budgeted is $532,000 (B-4), of which $139,000 has been allocated to FERC jurisdictional customers.

(b) Per Commission policy statement dated January 12, 1982 in Pa. P.U.C. V. Pennsylvania Power Company, R-811510 (1982).

PENNSYLVANIA POWER & LIGHT COMPANY

Amortization of Flood Costs
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment is not applicable to the test year ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment For Interest Expense On Customer Deposits
Year Ended July 31, 1983

(Thousands of Dollars)

The Commission in its Rate Order at R-80031114, dated January 30, 1981 determined that it was appropriate to include in the cost of service interest expense on customer deposits when such customer deposits are treated as a reduction to rate base. The interest on these deposits is computed at an interest rate of 9% in accordance with Rule 2 - Requirement for Service set forth in PP&L's Tariff Electric - Pa. P.U.C. No. 199.

Line No.	Description	Amount
1	Customer deposits (B-1)	$1,841
2	Interest rate	9%
3	Increase to expense	$ 166

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment for RCS Program Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

The Pa. PUC in an order at Docket No. I-80010329 authorized the Residential Conservation Service (RCS) program. The purpose of the RCS program is to encourage the installation of energy conservation measures by residential customers. The RCS program requires utilities to provide energy audits to eligible customers, as well as to arrange for the financing and installation of conservation measures. This adjustment provides for the amortization over a 5 year period of those costs incurred from the inception of the RCS program through July 31, 1982 and the recognition in test year operating expenses of a level of on-going program costs.

Line No.	Description	Amount
1	Deferred RCS program expenses at July 31, 1982	$377
2	Annual level of amortization (line 1 ÷ 5 years)	$ 75
3	Annual level of on-going program expense	150
4	Increase to expense	$225

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Operating Expense for Susquehanna
Steam Electric Station Unit No. 1
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the level of annual operating expense associated with Susquehanna Steam Electric Station Unit No. 1.

Line No.	Description	Amount
1	Wages and salaries	$24,509
2	Employee benefits	4,264
3	Nuclear-related insurance	5,595
4	Nuclear fuel lease payment	8,280
5	Other operating costs	18,928
6	Annual operating expense	$61,576
7	Annual payroll tax expense	$ 1,347

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to SSES Unit No. 1 -
Related Operating Expenses
Year Ended July 31, 1983
(Thousands of Dollars)

These adjustments provide for the elimination of SSES Unit No. 1 - related operating expenses and taxes other than income included in the test year operating budget.

Line No.	Description	Amount
1	Adjustment to eliminate SSES Unit No. 1 - related operating expenses from the test year budget	$12,885
2	Adjustment to eliminate SSES Unit No. 1 - related payroll taxes from the test year budget	$ 344

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Accrual for Decommissioning Costs
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for an annual accrual of decommissioning costs associated with Susquehanna Steam Electric Station (SSES) Unit No. 1 based upon the total estimated cost of dismantling and permanently disposing of the nuclear-related structures.

Line No.	Description	Amount
1	Total estimated cost of decommissioning of SSES Unit No. 1 (1983 $)	$103,096 (a)
2	Estimated life of unit	39 years
3	Annual accrual (line 1 ÷ line 2)	$ 2,644

(a)	Estimated total cost of decommissioning SSES (Unit No. 1 and 2) per Exhibit AAW 1	$229,101
	PP&L share (90%)	206,191
	SSES Unit No. 1 cost (50%)	$103,096

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related
Decommissioning Costs
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of SSES Unit No. 1 - related decommissioning costs included in the test year operating budget.

Line No.	Description	Amount
1	Adjustment to eliminate SSES Unit No. 1 - related decommissioning costs from the test year budget	$ 443

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Accrual for Spent Nuclear Fuel Disposal Costs
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for an annual accrual of spent fuel disposal costs associated with Susquehanna Steam Electric Station (SSES) Unit No. 1 based upon the safe, permanent disposal of the spent nuclear fuel discharges of this unit.

Line No.	Description	Amount
1	Total estimated cost of projected spent nuclear fuel discharges from SSES Unit No. 1 (1983 $)	$317,964 (a)
2	Estimated life of unit	39 years
3	Annual accrual (line 1 ÷ line 2)	$ 8,153

(a) SSES Unit No. 1 estimated discharge 1,186,743 KgU.

Spent nuclear fuel disposal cost w/o transportation expense $ 297.7/KgU.

SSES Unit No. 1 estimated disposal cost $353,293,391

PP&L share (90%) $317,964,052

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related Spent
Nuclear Fuel Disposal Costs
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of SSES Unit No. 1 - related spent nuclear fuel disposal costs included in the test year operating budget.

Line No.	Description	Amount
1	Adjustment to eliminate SSES Unit No. 1 - related spent nuclear fuel disposal costs from the test year budget	$ 1,902

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Annual Depreciation Expense
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description		Amount
1	Depreciation - electric plant in service		
	- Non-Susquehanna	$ 94,056	
	- Susquehanna	15,008	
	Total	109,064	
	Less:		
2	Clearing	180	
3	Adjustment relating to customer advances for construction	6	
4	Depreciation - electric plant in service (net)		$108,878
5	Amortization of negative net salvage		2,800
6	Life span interim retirement reconciliation		796
7	Total annual depreciation expense		112,474
8	Less: Adjusted depreciation (D-14, Page 2)		93,327
9	Increase in expense		$ 19,147

The plant in service depreciation of $109,064,000 represents the annual depreciation as of July 31, 1983, using average service lives and life spans as filed in this rate case. Deductions to this amount include $180,000 associated with clearing accounts and $6,000 associated with customer advances for construction. An additional amount of $2,800,000, which represents the five year average of negative net salvage, is added to the annual depreciation. This treatment of negative net salvage is prescribed by the Pennsylvania Public Utility Commission.

Another amount of $796,000 is also added to the annual depreciation. This amount represents a five-year average of actual interim retirements at power production units in excess of estimated interim retirements. The treatment of this amount is in accordance with the depreciation stipulation approved by the Commission in their Order dated January 30, 1981 at R-80031114.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related
Depreciation Expense
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of SSES Unit No. 1 - related depreciation expense included in the test year operating budget.

Line No.	Description	Amount
1	Depreciation expense per budget (B-2)	$ 96,073
2	Less: SSES Unit No. 1 - related depreciation expense included in the test year budget	2,746
3	Adjusted depreciation expense	$ 93,327

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Taxes Other Than Income
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Pennsylvania capital stock tax	
	Adjustment to reflect increase in taxable value due to additional equity capital and elimination of the amount of tax which is recovered by the tax surcharge.	
1	Estimated tax applicable to electric operations @ 10 mills (D-15, page 2)	$19,630
2	Amount of Pennsylvania capital stock tax recovered by tax surcharge ($19,630 x 4/10 mill)	7,852
3	Total expense	11,778
4	Less: Capital stock tax per budget (B-5)	19,548
5	Decrease in expense	$ 7,770
	Pennsylvania gross receipts tax	
	Adjustment to eliminate the amount of tax recovered by the tax surcharge and provides for gross receipts tax on pro forma revenue at present rates.	
6	Gross receipts tax recoverable through base rates (D-15, page 3)	$24,350
7	Less: Gross receipts tax per budget (B-5)	59,008
8	Decrease in expense	$34,658
	Pennsylvania public utility realty tax	
	Adjustment to eliminate PURTA tax recovered by the tax surcharge.	
9	Public utility realty tax recoverable through base rates	$ -
10	Less: Public utility realty tax per budget (B-5)	28,570
11	Decrease in expense	$28,570

PENNSYLVANIA POWER & LIGHT COMPANY

Capital Stock Tax
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Descriptions		Amount
	Most current settlement by Pa. Department of Revenue - Year Ended December 31, 1980		
1	Taxable value of capital stock: Portion of taxable assets X appraised value of capital stock $\frac{\$3,939,155}{\$4,034,431} \times \$1,480,000 =$		$1,445,049
	Equity capital		
2	December 31, 1979	$1,786,215	
3	December 31, 1980	1,992,892	
4	Total	3,779,107	
5	Average	$1,889,554	
6	Ratio (line 1 ÷ line 5)	76%	
	Additions (reductions) of equity capital - January 1, 1981 thru July 31, 1983		
7	Preferred stock issued	$ 34,000	
8	Preferred stock redeemed	(13,800)	
9	Preference stock issued	100,000	
10	Preference stock redeemed	(14,000)	
11	Common stock issued	408,293	
12	Capital stock expense	(4,989)	
13	Retained earnings	174,577	
14	Net additions	$684,081	
15	Portion applicable (line 6 x line 14)		519,902
16	Total (line 1 + line 15)		$1,964,951
17	Tax at 10 mills		$19,650
18	Electric operations (line 17 x 99.9% (a))		$19,630

(a) Estimated year ended July 31, 1983.

PENNSYLVANIA POWER & LIGHT COMPANY

Gross Receipts Tax at Present Rates
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	(1) Description	(2) Reference D-3, Page 1	(3) Pro Forma Revenue	(4) Applicable GRT Rate (Mills)	(5) Gross Receipts Tax Col. (3) x (4)
	PPUC Jurisdictional				
1	Rate revenue		$1,159,777	20	$23,196
2	Annualization		14,756	20	295
3	Total rate revenue	Line 4	1,174,533	20	23,491
4	Delayed payment charges	Line 5	3,348	20	67
5	Other electric revenues	Line 6	8,398	-	-
6	Total PPUC		$1,186,279		$23,558
	FERC Jurisdictional				
7	Total FERC rate and fuel clause revenue	Line 8+9	$66,096	-	
	Less:				
8	UGI	-	12,818	-	
9	Atlantic City	-	31,893	-	
10	Citizens' Electric	-	3,794	-	
11	Net revenues	-	17,591	45	792
12	Delayed payment charges	Line 10	-	45	-
13	Other electric revenues	Line 11	427	-	-
14	Total FERC		$18,018		792
15	Total gross receipts tax on pro forma revenues at present rates (lines 6 + 14)				$24,350

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Federal and State Income Taxes-Electric
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	(1) Per Budget	(2) Eliminate SSES Unit No. 1 Costs	(3) Adjusted Budget	(4) Adjustments (Other)	(5) Adjustments (SSES)	(6) Pro Forma at Present Rates
1	Operating revenues	$1,262,407	$ (6,731)	$1,255,676	$ (34,767)	$ 31,893	$1,252,802
	Operating expenses						
2	Operation and maintenance	690,830	21,981	712,811	49,342	(99,540)	662,613
3	Deferred SSES operating costs	20,417	(20,417)	-	-	-	-
4	Depreciation	96,073	(2,746)	93,327	4,139	15,008	112,474
5	Taxes other than income	118,286	(344)	117,942	(70,998)	1,347	48,291
	Income taxes						
6	Current-Federal	61,009	12,427	73,436	(63,200)	(8,633)	1,603
7	-State	15,890	3,303	19,193	(7,782)	(8,027)	3,384
8	Deferred income taxes	62,693	(55,430)	7,263	(1,528)	77,801	83,536
	Investment tax credits-						
9	Provision	(36,500)	36,500	-	58,031	(48,925)	9,106
10	Amortization	(2,259)	227	(2,032)	(126)	(1,104)	(3,262)
11	Total income taxes	100,833	(2,973)	97,860	(14,605)	11,112	94,367
12	Amortization of property loss	712	-	712	-	-	712
13	Total operating expenses	1,027,151	(4,499)	1,022,652	(32,122)	(72,073)	918,457
14	Operating income (D-1, pg. 1)	235,256	(2,232)	233,024	(2,645)	103,966	334,345
15	Less: Interest expense (D-16, pg. 3)	110,951	-	110,951	10,839	87,494	209,284
16	Net income	124,305	(2,232)	122,073	(13,484)	16,472	125,061
	Income Tax Adjustments						
17	Total income taxes	100,833	(2,973)	97,860	(14,605)	11,112	94,367
18	Taxes capitalized	(6,351)	-	(6,351)	-	-	(6,351)
19	Pensions capitalized (D-16, pg. 5)	(9,885)	-	(9,885)	(1,340)	2,627	(8,598)
20	Book depreciation	96,073	(2,746)	93,327	4,139	15,008	112,474
21	Depreciation charged to clearing accounts	95	-	95	-	-	95
22	Tax depreciation (D-16, pg. 4)	(345,404)	234,607	(110,797)	4,029	(194,057)	(300,825)
23	Removal costs	(6,000)	-	(6,000)	-	-	(6,000)
24	Amortization of property loss	712	-	712	-	-	712
25	Value of test power	101,416	(101,416)	-	-	-	-
26	Cost of test power	(8,207)	8,207	-	-	-	-
27	Conversion to monthly billing	1,104	-	1,104	-	-	1,104
28	Amortization of RAR items	(4)	-	(4)	-	-	(4)
29	Research & development-demonstration projects	(162)	-	(162)	-	-	(162)
30	Preferred dividends paid credit	(852)	-	(852)	-	-	(852)
31	RCS program	(150)	-	(150)	150	-	-
32	Unbilled revenue - net	(2,133)	-	(2,133)	2,133	-	-
33	Decommissioning (D-12, pg. 1)	443	(443)	-	-	2,644	2,644
34	Spent fuel disposal (D-13, pg. 1)	1,902	(1,902)	-	-	8,153	8,153
35	AFUDC in nuclear fuel	1,018	(1,018)	-	-	4,888	4,888
36	Deferred SSES Unit No. 1 operating costs	20,417	(20,417)	-	-	-	-
37	Taxable net income	$ 69,170	$ 109,667	$ 178,837	$ (18,978)	$ (133,153)	$ 26,706

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Federal and State Income Taxes-Electric
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	(1) Per Budget	(2) Eliminate SSES Unit No. 1 Costs	(3) Adjusted Budget	(4) Adjustments (Other)	(5) Adjustments (SSES)	(6) Pro Forma at Present Rates
1	Taxable net income	$ 69,170	$ 109,667	$ 178,837	$ (18,978)	$ (133,153)	$ 26,706
	Pa. income tax adjustments						
2	Tax preference income						
3	Excess depreciation - SSES property	574	(574)	-	-	4,266	4,266
4	Other	356	-	356	728	-	1,084
5	ACRS adjustment - SSES	33,407	(33,407)	-	-	13,841	13,841
6	- Other	3,602	-	3,602	(998)	-	2,604
7	Pa. taxable income	107,109	75,686	182,795	(19,248)	(115,046)	48,501
8	Pa. tax at 10.5% (rounded)	11,246	7,947	19,193	-	-	-
9	Pa. tax at 7.5% (6.977% eff. rate) (rounded)	-	-	-	(7,782)	(8,027)	3,384
10	Pa. income tax adjustment	4,644	(4,644)	-	-	-	-
11	Total Pa. income tax	15,890	3,303	19,193	(7,782)	(8,027)	3,384
12	Federal taxable income	53,280	106,364	159,644	(11,196)	(125,126)	23,322
13	Federal tax at 46% less $19 (rounded)	24,509	48,927	73,436	(5,169)	(57,558)	10,709
14	Less: Investment tax credit	(36,500)	36,500	-	58,031	(48,925)	9,106
15	Total Federal income tax	$ 61,009	$ 12,427	$ 73,436	$ (63,200)	$ (8,633)	$ 1,603

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Interest Deduction For Income Tax Purposes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Reference	Amount
1	Measures of value applicable to annualized interest computation	C-1	$3,843,607
2	Long-term debt ratio	B-9	48.4%
3	Embedded cost of long-term debt	B-9	11.25%
4	Annualized interest (line 1 x 2 x 3)		209,284
5	Less: Interest expense per budget	D-16, Pg. 1	110,951
6	Increase in interest deduction (line 4 - line 5)		$ 98,333

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to Depreciation Deduction
For Income Tax Purposes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
	Tax Depreciation on year-end base at July 31, 1983	
1	Applicable to property depreciated on a straight-line basis using guideline lives where applicable	$ 2,745
2	Applicable to property depreciated on a declining balance basis using guideline lives where applicable	14,061
3	Applicable to property depreciated on a declining balance basis employing ADR lives	60,796
4	Depreciation due to Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981	
	- Non-Susquehanna	29,166
	- Susquehanna	194,057
5	Total	300,825
6	Less: Tax depreciation per adjusted budget	110,797
7	Decrease in tax depreciation	$190,028

PENNSYLVANIA POWER & LIGHT COMPANY

Other Adjustments to Federal and State Income Taxes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Reference		Amount
	Decrease in taxable income due to the capitalized portion of pension costs:			
1	Pension costs	D-6, line 1		$28,704
2	Pension costs - electric (99%)			28,417
3	Amount to expense (60.5%)		17,192	
4	SSES Unit No. 1 - related pension costs		2,627	
5	Total pension costs to expense			19,819
6	Portion to capital (line 2 - line 5)			8,598
7	Less: Pensions capitalized per budget	D-16, page 1		9,885
8	Reduction in tax deduction (line 6 - line 7)			$ 1,287

PENNSYLVANIA POWER & LIGHT COMPANY

Tax Related to Additional Revenue
From Proposed Rate Increase
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
1	Additional revenue from proposed rate increase	$296,068
	Less:	
2	Pennsylvania gross receipts tax (line 1 x 20 mills)	5,921
3	Pennsylvania capital stock tax (line 9 x 6 mills)	872
4	Taxable income for Pennsylvania corporate net income tax	289,275
5	Pennsylvania corporate net income tax (line 4 x 6.977% (a))	20,183
6	Taxable income for Federal income tax	269,092
7	Federal income tax (net)	18,567
8	Investment tax credit	105,215(b)
9	Operating income	$145,310

(a) Based on tax rate of 7-1/2% applied to post-tax income.
(b) Total Federal income tax (line 6 x 46%) x 85% investment tax credit allowance.

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Deferred Income Taxes
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	(1) Adjusted Budget(a) Federal	(2) Adjusted Budget(a) State	(3) Adjusted Budget(a) Total	(4) Adjustments Federal	(5) Adjustments State	(6) Adjustments Total	(7) Pro-Forma Under Existing And Proposed Rates Federal	(8) Pro-Forma Under Existing And Proposed Rates State	(9) Pro-Forma Under Existing And Proposed Rates Total
1	Accelerated amortization of certified defense facilities	$ (270)	$ (30)	$ (300)	$ -	$ -	$ -	$ (270)	$ (30)	$ (300)
2	Accelerated amortization of pollution control facilities	(126)	-	(126)	-	-	-	(126)	-	(126)
3	Portion of tax depreciation arising from shortening lives by 20% under the class life depreciation system	(37)	(10)	(47)	-	-	-	(37)	(10)	(47)
4	Cost of removing retired depreciable property	(626)	(151)	(777)	-	-	-	(626)	(151)	(777)
5	Accelerated Cost Recovery System (ACRS) - Non Susquehanna	7,353	1,002	8,355	692	(1,002)	(310)	8,045	-	8,045
	- Susquehanna	-	-	-	82,950	-	82,950	82,950	-	82,950
6	Test power - Martins Creek	(203)	(46)	(249)	-	-	-	(203)	(46)	(249)
7	Extraordinary loss on property	(236)	(60)	(296)	-	-	-	(236)	(60)	(296)
8	Decommissioning	-	-	-	(1,088)	(278)	(1,366)	(1,088)	(278)	(1,366)
9	Spent nuclear fuel disposal	-	-	-	(3,357)	(856)	(4,213)	(3,357)	(856)	(4,213)
10	Unbilled electric revenues - net	878	224	1,102	(878)	(224)	(1,102)	-	-	-
11	Test Power - Susquehanna	-	-	-	343	87	430	343	87	430
12	Conversion to monthly billing	(448)	(114)	(562)	-	-	-	(448)	(114)	(562)
13	Research & development - demonstration projects	69	17	86	-	-	-	69	17	86
14	Residential conservation services program (RCS)	61	16	77	(92)	(24)	(116)	(31)	(8)	(39)
15	Total	$ 6,415	$ 848	$ 7,263	$ 78,570	$(2,297)	$ 76,273	$ 84,985	$(1,449)	$ 83,536

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PENNSYLVANIA POWER & LIGHT COMPANY

Adjustments to Eliminate SSES Unit No. 1 - Related
Deferred Incomes Taxes From Budget
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	(1) Deferred Per Budget Federal	(2) Deferred Per Budget State	(3) Deferred Per Budget Total	(4) Adjustments Federal	(5) Adjustments State	(6) Adjustments Total	(7) Adjusted Budget Federal	(8) Adjusted Budget State	(9) Adjusted Budget Total
1	Accelerated amortization of certified defense facilities	$ (270)	$ (30)	$ (300)	$ -	$ -	$ -	$ (270)	$ (30)	$ (300)
2	Accelerated amortization of pollution control facilities	(126)	-	(126)	-	-	-	(126)	-	(126)
3	Portion of tax depreciation arising from shortening lives by 20% under the class life depreciation system	(37)	(10)	(47)	-	-	-	(37)	(10)	(47)
4	Cost of removing retired depreciable property	(626)	(151)	(777)	-	-	-	(626)	(151)	(777)
5	Accelerated Cost Recovery System (ACRS) - Non Susquehanna	7,353	1,002	8,355	-	-	-	7,353	1,002	8,355
	- Susquehanna	99,614	16,297	115,911	(99,614)	(16,297)	(115,911)	-	-	-
6	Test power - Martins Creek	(203)	(46)	(249)	-	-	-	(203)	(46)	(249)
7	Extraordinary loss on property	(236)	(60)	(296)	-	-	-	(236)	(60)	(296)
8	Deferred Susquehanna operating costs	(8,904)	(2,271)	(11,175)	8,904	2,271	11,175	-	-	-
9	Decommissioning	(182)	(47)	(229)	182	47	229	-	-	-
10	Spent nuclear fuel disposal	(783)	(200)	(983)	783	200	983	-	-	-
11	Unbilled electric revenues - net	878	224	1,102	-	-	-	878	224	1,102
12	Test Power - Susquehanna	(38,321)	(9,773)	(48,094)	38,321	9,773	48,094	-	-	-
13	Conversion to monthly billing	(448)	(114)	(562)	-	-	-	(448)	(114)	(562)
14	Research & development - demonstration projects	69	17	86	-	-	-	69	17	86
15	Residential conservation services program (RCS)	61	16	77	-	-	-	61	16	77
16	Total	$ 57,839	$ 4,854	$ 62,693	$(51,424)	$(4,006)	$(55,430)	$ 6,415	$ 848	$ 7,263

PENNSYLVANIA POWER & LIGHT COMPANY

Provision for Deferred Income Taxes (Non-Susquehanna Property)
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Federal Tax
	Adjustment to Provision Due to Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981	
1	Tax depreciation under ACRS	$29,166
2	Tax depreciation computed on a straight-line tax basis	11,676
3	Additional tax depreciation	$17,490
4	Tax rate	46%
5	Annual provision	$8,045
6	Less: Provision per budget	7,353
7	Increase in provision	$ 692

PENNSYLVANIA POWER & LIGHT COMPANY

Provision for Deferred Income Taxes (SSES Unit No. 1 Property)
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Federal Tax
	Adjustment to Provision Due to Accelerated Cost Recovery System (ACRS) of Economic Recovery Tax Act of 1981	
1	Tax depreciation under ACRS	$194,057
2	Tax depreciation computed on a modified sinking fund tax basis	13,730
3	Additional tax depreciation	$180,327
4	Tax rate	46%
5	Annual provision	$ 82,950
6	Less: Provision per adjusted budget	-
7	Increase in provision	$ 82,950

PENNSYLVANIA POWER & LIGHT COMPANY

Provision for Deferral of Investment Tax Credit
Year Ended July 31, 1983
(Thousands of Dollars)

Line No.	Description	Amount
1	Deferred investment tax credit as normalized	$ 8,954
2	Deferred investment tax credit per adjusted budget (D-18, pg. 2)	-
3	Increase in provision	$ 8,954

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related Provision
for Deferral of Investment Tax Credit
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of the SSES Unit No. 1 - related provision for deferral of investment tax credit included in the test year operating budget.

Line No.	Description	Amount
1	Provision for deferral of investment tax credit per budget (B-5)	$36,500
2	Less: SSES Unit No. 1 - related provision for deferral of investment tax credit included in test year budget	36,500
3	Adjusted provision for deferral of investment tax credit	$ -

PENNSYLVANIA POWER & LIGHT COMPANY

Amortization of Deferred Investment Tax Credit
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the normalization of the annual amortization of deferred investment tax credits to the test year end.

Line No.	Description	4% Investment Tax Credit	10% Investment Tax Credit	10% Progress Payments	Total
1	1971 - Owned Property	$ 35	$ -	$ -	$ 35
2	- Leased Property	-	-	-	-
3	1972 - Owned Property	214	-	-	214
4	- Leased Property	-	-	-	-
5	1973 - Owned Property	225	-	-	225
6	- Leased Property	-	-	-	-
7	1974 - Owned Property	85	-	-	85
8	- Leased Property	30	-	-	30
9	1975 - Owned Property	190	125	190	505
10	- Leased Property	3	109	-	112
11	1976 - Owned Property	88	409	371	868
12	- Leased Property	-	75	-	75
13	1977 - Owned Property	11	228	293	532
14	- Leased Property	-	36	-	36
15	1978 - Owned Property	-	229	250	479
16	- Leased Property	(1)	67	-	66
17	Total amortization				3,262
18	Less: Adjusted amortization (D-18, Page 4)				2,032
19	Increase in amortization				$1,230

D-18
Page 3
R. J. Bemini

PENNSYLVANIA POWER & LIGHT COMPANY

Adjustment to SSES Unit No. 1 - Related Amortization
of Deferred Investment Tax Credit
Year Ended July 31, 1983
(Thousands of Dollars)

This adjustment provides for the elimination of SSES Unit No. 1 - related amortization of deferred investment tax credit included in the test year operating budget.

Line No.	Description	Amount
1	Amortization of deferred investment tax credit per budget (B-2)	$ 2,259
2	Less: SSES Unit No. 1 - related amortization of deferred investment tax credit included in test year budget	227
3	Adjusted amortization of deferred investment tax credit	$ 2,032

RECEIVED

JAN 28 1983

SECRETARY'S OFFICE
Public Utility Commission

PENNSYLVANIA POWER & LIGHT COMPANY

APPENDIX A

FERC FORM 12

DOCUMENT FOLDER

INFORMATION IN RESPONSE TO REGULATIONS
I-B-7, IV-C-8, and IV-C-22

Abg 1/26/83
E. Holbert

DOCKETED
JAN 31 1983

F.P.C.
Form No. 12

Form Approved
OMB No. 038-R0328

1980

POWER SYSTEM STATEMENT

FROM

PENNSYLVANIA POWER & LIGHT COMPANY
(Full legal name of Respondent)

TWO NORTH NINTH STREET, ALLENTOWN, PENNSYLVANIA 18101
(Address)

COVERING

INTERCONNECTED SYSTEM
(Common designation of system)

TO THE

ENERGY INFORMATION ADMINISTRATION

Note: Complete this statement and mail to:

Energy Information Administration
Mail Station: BG-086, Forstl., Code 2918
U.S. Department of Energy
Washington, D.C. 20585

ON OR BEFORE MAY 1, 1981

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POWER SYSTEM STATEMENT

For the Year Ended December 31, 1980

MADE BY

PENNSYLVANIA POWER & LIGHT COMPANY
(Full legal name of respondent)

TWO NORTH NINTH STREET, ALLENTOWN, PENNSYLVANIA 18101
(Address)

COVERING

INTERCONNECTED SYSTEM
(Common designation of system)

TO THE

ENERGY INFORMATION ADMINISTRATION

U.S. Department of Energy
1000 Independence Ave., S.W.
EI-34, Mail Station BG-086 Forstl.
Code 2918
Washington, D.C. 20585

The following is an excerpt from the Commission's regulations prescribing the filing of Power System Statements for Electric Utilities, Licenses, and Others.

Part 141—Statements and Reports (Schedules)

* * * * * * *

§ 141.51 Form No. 12, Power system statements for Class I and II systems and for Class IV and V systems where requested.

(a) The revised FPC Form No. 12 Power System Statement (Class I, II, IV and V Systems), including the revised instructions and schedules therein contained, be and the same hereby is approved and adopted.

(b) Each corporation, person, agency, authority or other legal entity or instrumentality, whether public or private, which operates facilities for the generation or transmission or distribution of electric energy, and which is in the classification of Class I or Class II Systems or is in the classification of Class IV or V Systems, where Form No. 12 is requested (as such classes are defined in the accompanying revised FPC Form No. 12), shall hereafter annually prepare and file with the Commission on or before the 1st of May of 1956, and each year thereafter, such statement or statements, and in such form as is required by said instructions and schedules, setting forth the answers to the questions therein stated, and furnishing the information therein called for, for the preceding calendar year.

* * * * * * *

The revised form was prescribed by the Commission by Order No. 183, issued January 14, 1956 (15 FPC 790) and amended by Order No. 224, issued Sept. 15, 1960 (24 FPC 460) and Order No. 312, issued December 20, 1965. Statutory authority for the Commission's action is granted by the Federal Power Act, as amended (49 Stat. 838; 16 U.S.C. 791a-825r) and particularly Sections 4(a), 301(a), 302(b), 303, 304, 309 and 311 (49 Stat. 839, 854, 855, 858, 859; 16 U.S.C. 797(a), 825(a), 825a(b), 825b, 825c, 825h, 825j).

On October 1, 1977, pursuant to the provisions of the Department of Energy Organization Act (DOE Act), Public Law 95-91, 91 Stat. 572 (August 4, 1977), the Energy Information Administration (EIA) was established within the Department of Energy with the responsibility to perform the primary DOE role in the collection of data, including regulatory and international energy data.

DEFINITIONS

1. "Person," as hereinafter used, means a corporation or person, as defined in section 3 of the Federal Power Act, agency, authority, or other legal entity or instrumentality, whether public or private, including a municipality as defined in said section 3.

2. "System," as hereinafter used, means all physically connected electric generating and/or transmission and/or distribution facilities operated as a unit under one control, management, or operating supervision by one or more persons.

3. "Respondent," as hereinafter used, means the person or persons upon whose behalf a power system statement is filed.

4. The "net energy for system" (entered on line 7 of schedule 9) is the sum of system net generation and energy received from others less the energy delivered to others for resale.

5. The "capability" of a generating plant is defined as its load-carrying ability at the specified power factor and indicated time interval independent of the other characteristics of the load.

In general, a plant's capability is determined by design characteristics; physical condition; adequacy of the prime mover; prime mover steam supply; operational limitations, such as cooling and circulating water supply and temperature, ambient temperature; and head and tailwater elevations.

6. The "dependable capacity" of a generating plant or groups of plants is defined as the load-carrying ability for the time interval and period specified when related to the characteristics of the load to be supplied.

In general, a plant's dependable capacity is influenced not only by factors affecting its capability, but by such factors as the duration of the system peak, position on the load curve where the plant is to be operated, and the plant's operating power factor.

7. "Demand interval" is the period of time over which the demand is measured. Each system shall report load data on the basis of integrated demands for 60-minute clock-hour intervals. Where demand data are not available on this basis, it is desired that adjustments be made to approximate the integrated demand for 60-minute-clock-hour intervals and explained in footnotes. Where such adjustment cannot be made, demand data should be furnished in the form available and explained in footnotes.

8. The terms "hydro" and "hydroelectric" for purposes of this statement refer to conventional hydroelectric plants.

GENERAL INSTRUCTIONS

Statements concerning the operation of electric power systems as required by the Commission's order, shown on page 1, should be prepared and filed in conformity with the following requirements, unless otherwise directed by the Energy Information Administration.

1. Where a person operates a system and only one system, one statement should be filed for that system.
2. Where a person operates more than one system, separate statements should be filed for each system so operated.
3. Where more than one person operates a system, either a consolidated statement should be filed upon behalf of all, or separate statements should be filed by each, as directed by the Energy Information Administration.
4. Where several systems, filing separate reports, are operated under some form of power pool operation or common dispatching, a supplementary power system statement on FPC Form No. 12 covering the pool operations should also be filed, including a brief statement describing the method of operation under the power pool arrangenent.
5. Scope of the statement:

Basis of Classification	Class of System	Scope of Statement
Systems which generate all or part of system requirements and, whose net energy for system for the year covered by this statement was —		
More than 100,000 megawatt-hours*	I	Form No. 12 complete.
20,000 to 100,000 megawatt-hours	II	Form No. 12 complete, excepting schedule 15.

6. Six signed copies of the completed statement, including the original if the report is typewritten, shall be returned to the Energy Information Administration at the address shown on the front of the cover supplied by the Department.

7. All communications concerning this statement and all requests for extra copies of complete forms, individual pages or additional covers should be addressed to the Energy Information Administration, Washington, D.C.

8. Entries on this form may be made by typewriter, with pen and ink, or by any suitable method to facilitate reproduction, provided the entries are legible and in proper alignment.

9. Before the statement is prepared in final form for return to the Department, all figures on the working copy should be checked for mathematical accuracy and for consistency, where the same figures appear in more than one schedule in this or in other statements or reports submitted to the Energy Information Administration. Any apparent inconsistency should be explained.

10. No deviation from these instructions should be undertaken without the approval of the Energy Information Administration.

11. Insert the word "none" where it is a true and complete answer to any particular inquiry. Insert the words "not applicable" in those schedules or parts of schedules which do not apply to the respondent's system.

12. Where exact data are not available, report estimated data and designate such entries by the abbreviation "Est."

13. All information shall be furnished for the calendar year.

14. All information is to be furnished for the system as it existed at the end of the year. In the event part of the system was acquired by the respondent during the calendar year, the respondent should report this part for the entire year, obtaining the necessary information from the records of the previous owners. In the event part of the system was disposed of during the calendar year and the respondent was not operating that part at the end of the year, the respondent should not report on this part at all.

*One megawatt-hour equals 1,000 kilowatt-hours.

Item 6. Page (3)

Give all subsidiaries of system companies other than those listed in Item 6(a) above, and state the nature of their business.

Name of Business

Coal Sales
Underground coal reserves
Undeveloped coal reserves
Minerals exploration
Oil drilling
Coal trading
Coal sales
Coal cleaning plant
Coal mining
Transportation & coal sales
Coal mining
Coal mining
Coal mining
Coal mining
Transportation and sale of
Investments including real
estate
Coal mining
Coal mining
Uranium reserves

Central Services Company
Pennsylvania Mining Company
Diamond Resources and Development
Company

The Arcadia Company, Inc.
Pennsylvania Mining Company
Pennsylvania Mines Corporation

Penn Corporation
Eureka Hill Coal Company
Ocean Moore Coal Company
Keystone Electric Company
Interstate Electric Company
Lady Jane Collieries, Incorporated
Sea Holding Corporation
The Cypress Mining Company
Pennsylvania Mines Corporation
Keystone Mining Company
Pennsylvania Company of Pennsylvania
Penn Mines Corporation

Keystone Development Company

The Arcadia Company, Inc.
Pennsylvania Mining Company
Diamond Resources and Development
Company

(1) A wholly owned subsidiary of Keystone Company of Pennsylvania.

(2) A wholly owned subsidiary of Pennsylvania Mines Corporation.

(3) Hereby Eliminated Company was merged into the Company on March 1, 1950.

(4) The Company acquired all the outstanding capital stock of Intermountain Energy Company on March 1, 1950 from Keystone Company of Pennsylvania.

(5) The Company had control over the operations of Lady Jane Collieries, Inc. through an agreement dated July 3, 1953.

(6) Pennsylvania Mines Corporation owns the stock of Pennsylvania Mines, which was not actively engaged in business as of the filing date of this Form.

(7) Nearly Company of Pennsylvania owned the stock of Morning Glory Coal Co., which was not actively engaged in business during 1950 and was dissolved in early 1950.

(8) The Company owns one-third of the outstanding capital stock representing one-third of the voting securities. Baltimore Gas and Electric Company owns one-third of the outstanding capital stock representing one-half of the voting securities.

(9) Several Keystone Company owns the stock of two companies each of which holds an interest in certain coal acreage. The Company consolidates its interest in Keystone as of the filing date of this Form.

(10) Acquired August 25, 1950 by merger into Keystone, Inc., a wholly owned subsidiary of the Company, formed for purposes of the merger and which ceased existence upon the merger.

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GENERAL INFORMATION

Item 8, Page (3)

List all subsidiaries of system companies other than those listed in Item 6-C above, and state the nature of their business.

Legal Name and Address	Nature of Business	
BDW Corporation	Real estate	
Greene Hill Coal Company	Undeveloped coal reserves	(1)
Greene Manor Coal Company	Undeveloped coal reserves	(2)
Hershey Electric Company	Electric distribution	(2)
Interstate Energy Company	Oil pipeline	(3)
Lady Jane Collieries, Incorporated	Coal mining	(4)
LCA Leasing Corporation	Real estate	(5)
The Oneida Mining Company	Coal cleaning plant	(1)
Pennsylvania Mines Corporation	Coal mining	(2)
Realty Company of Pennsylvania	Investments & real estate	(6)
Rushton Mining Company	Coal mining	(7)
Safe Harbor Water Power Corporation	Generation and sale of electricity	(2)
Service Development Company	Investments including real estate	(8)
The Arcadia Company, Inc.	Coal mining	(9)
Tunnelton Mining Company	Coal mining	(10)
Uranium Resources and Development Company	Uranium reserves	(2)

(1) A wholly owned subsidiary of Realty Company of Pennsylvania.

(2) A wholly owned subsidiary of Pennsylvania Mines Corporation.

(3) Hershey Electric Company was merged into the Company on March 1, 1980.

(4) The Company acquired all the outstanding capital stock of Interstate Energy Company on March 1, 1980 from Realty Company of Pennsylvania.

(5) The Company has control over the operations of Lady Jane Collieries, Inc. through an agreement dated July 8, 1965.

(6) Pennsylvania Mines Corporation owns the stock of Pemico, Inc., which was not actively engaged in business as of the filing date of this form.

(7) Realty Company of Pennsylvania owned the stock of Martins Creek Terminal Co., which was not actively engaged in business during 1980 and was dissolved in early 1980.

(8) The Company owns one-third of the outstanding capital stock representing one-half of the voting securities; Baltimore Gas and Electric Company owns two-thirds of the outstanding capital stock representing one-half of the voting securities.

(9) Service Development Company owns the stock of two companies each of which holds an interest in certain real estate, and indirectly controls two other companies which were not actively engaged in business as of the filing date of this form.

(10) Acquired August 25, 1980 by merger into Newco, Inc., a wholly owned subsidiary of the Company, formed for purposes of the merger and which ceased existence upon the merger.

POWER SYSTEM STATEMENT FOR THE CALENDAR YEAR 1980

General Information

1. Statement covering facilities for generation and/or transmission and/or distribution of electric energy of the

Pennsylvania Power & Light Company (Full legal name of respondent) — Interconnected System (Common designation of system)

2. Located in the State(s) of Pennsylvania

3. Prepared and filed by Pennsylvania Power & Light Company (Full legal name of company or agency)

Two North Ninth Street, Allentown, Pennsylvania 18101 (Full Address)

4. Name, title, address, and telephone number of official to whom correspondence concerning this statement should be addressed

H. L. Collins, (Name) — Senior Vice President, System Power & Engineering (Title) — Two North Ninth Street Allentown, Pa. 18101 (Address) — 215-770-4206 (Tel. No.)

5. Name and address of top holding company None

6. (Check where applicable)

☒ A. Respondent operates only one system.

☐ B. Respondent operates the other systems listed below. (Indicate by an asterisk those systems for which power system statements are not being filed for the year of this report).

	Designation of System	Location	
1			
2			
3	Not Applicable		
4			
5			
6			
7			
8			

☐ C. This is a consolidated statement filed in accordance with general instruction 3 on behalf of the following companies. (If all of a company's systems are not included, state what systems are excluded and their location.)

	Legal Name and Address	Systems Not Included	
1			
2			
3			
4	Not Applicable		
5			
6			
7			
8			

7. Respondent is a party to the supplementary power system statement designated as The Pennsylvania-New Jersey-Maryland Interconnection filed in accordance with general instruction 4.

8. List all subsidiaries of system companies other than those listed in item 6-C above, and state the nature of their business.

	Legal Name and Address	Nature of Business	
1			
2			
3			
4	See page (3-1)		
5			
6			
7			
8			

Schedule 1

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS

1. Plants should be grouped according to type and subtotals should be shown for each type in columns 4 through 11. If any plant is equipped with combinations of hydro, pumped storage, steam, internal-combustion engine, and gas-turbine units, each kind should be listed as though it were a separate plant. Nuclear plants should be included in the steam group, but it should be indicated in column 1 or in footnote that they are nuclear plants.

2. If the facilities of more than one company are included in this statement, give the name of the company operating each of the listed plants at the end of the year, in column 1. These entries may be made in the form of symbols referenced to the list of companies in item 6-C, page 3. If a plant is leased, also give name of the lessor.

3. Designate with an asterisk those plants which were constructed, purchased, or leased and placed in operation during the year; also, plants in which major alterations were made during the year such as the installation or removal of generating or boiler units or other significant changes. The dates on which new plants were placed in operation or the dates on which significant changes were completed should be given in column 1 or in footnotes.

4. Plants now undergoing alterations should be noted with a double asterisk.

5. At the bottom of the page in column 1, list all plants which were dismantled or removed from service during the year and give the dates such changes were made. Omit the capacity of such plants in columns 4 and 5, but give the data called for in other columns where applicable.

6. In column 1 give the name of each system plant; and in column 2 the name of the community (or nearest community) and State in which each plant is located.

7. A power factor of 0.8 should be used to determine the kilowatt capacity of those units which are rated in megavolt-amperes only.

8. Figures in column 4 should be based upon the rating at maximum pressure shown on nameplate for units with hydrogen cooling.

9. In column 5 give the installed capacity of auxiliary or "house" generating units.

(Instructions continued on next page)

	Name of Plant and of Company Operating Plant (Group plants according to type and show subtotals for each) (1)	Location of Plant (Nearest community and State) (2)	Type Plant (Hydro, pumped storage, steam, I.C. engine, and turbine) (3)	Installed generating capacity in kw at end of year-manufacturer's maximum nameplate rating of generator. Total of main generating units (4)	Total of auxiliary or house units (5)
1	Brunner Island	York Haven, PA	Steam	1 558.730	
2	Montour	Washingtonville, PA	Steam	1 624.500	17.200
3	Sunbury	Shamokin Dam, PA	Steam	409.780	
4	Martins Creek	Martins Creek, PA	Steam	2 013.500	
5	Holtwood	Holtwood, PA	Steam	75.000	
6	Keystone (PL Share)	Shelocta, PA	Steam	231.000	
7	Conemaugh (PL Share)	New Florence, PA	Steam	213.200	
8	Total Steam			6 125.710	17.200
9	Holtwood	Holtwood, PA	Hydro	107.200	1.000(A)
10	Wallenpaupack	Hawley, PA	Hydro	40.000	
11	Total Hydro			147.200	1.000
12	Allentown	Allentown, PA	C.T.	64.000	
13	Harrisburg	Harrisburg, PA	C.T.	64.000	
14	Martins Creek	Martins Creek, PA	C.T.	94.320	
15	Sunbury	Shamokin Dam, PA	C.T.	47.160	
16	Harwood	Hazleton, PA	C.T.	32.000	
17	Williamsport	Williamsport, PA	C.T.	32.000	
18	West Shore	Harrisburg, PA	C.T.	37.180	
19	Fishbach	Pottsville, PA	C.T.	37.180	
20	Jenkins	Laflin, PA	C.T.	32.000	
21	Lock Haven	Lock Haven, PA	C.T.	18.590	
22	Suburban	Scranton, PA	C.T.	29.250	
23	Total Combustion Turbine			487.680	
24	Brunner Island	York Haven, PA	I.C. Eng.	8.250	
25	Martins Creek	Martins Creek, PA	I.C. Eng.	5.500	
26	Sunbury	Shamokin Dam, PA	I.C. Eng.	5.500	
27	Keystone (PL Share)	Shelocta, PA	I.C. Eng.	1.360	
28	Conemaugh (PL Share)	New Florence, PA	I.C. Eng.	1.260	
29	Total Diesel			21.870	
30	(A) Two Water Wheel Exciters - 500 kw each				
31					
32	System Totals	xxxxxxxxxxxxx	xxxxx	6 782.460	18.200

CAPACITY AND OUTPUT OF SYSTEM GENERATING PLANTS

INSTRUCTIONS—Continued

10. In column 6, show the megawatt-hour output of all main generating units and all auxiliary generating units in each plant.

11. In column 7, show the total amount of energy consumed during the year, for plant light and power and for plant auxiliaries. Energy for synchronous condenser operation in the plant may also be included in column 7 as plant use if it is so treated in respondent's records; otherwise include in Item E of Schedule 9. For pumped storage plants, report under column 7, item (a) normal auxiliary use and under item (b) energy used for pumping. Pumping energy is that energy measured as input to the plant for pumping purposes.

12. In column 8, net generation should be the difference between gross generation, column 6, and plant use, and energy used for pumping, column 7. Where net generation entries are minus quantities, they should be so noted.

13. In column 9, give the total installed capacity of generating units which were carrying load or operating as spinning reserve, in each plant, at the time of system peak load of the year as shown in column 10, Schedule 14.

14. In column 10, give the net plant capability of each generating plant at the time of the system peak load of the year as shown in column 10, Schedule 14, whether or not it was carrying load or was maintained as reserve at that time. Include the capacity of equipment which was out of service for maintenance or repair at that time, and exclude the capacity of equipment not maintained in condition to operate for regular or emergency service. Net plant capability, as reported in column 10, should be the maximum load-carrying capacity normally available at time of system peak (station use deducted) for a period of one hour. For definition of plant capability see definition No. 5, page 2.

15. In column 10, designate whether a plant was used for base load, peaking, or standby service (at the time of the system peak) by inserting after each figure for capability "b," "p," or "s," or any appropriate combinations thereof.

16. In column 11, give the integrated megawatt demand (net) on each generating plant for the interval during which the system peak load of the year occurred, consistent with the time interval used by the respondent in reporting on Schedules 13 and 14. See definition No. 7, page 2.

17. Estimates (noted "Est.") for columns 6, 7, 8, and 11 should be furnished if measured quantities are not available.

	Megawatt-hours During the Year			Megawatts (At the time of the system peak load of the year shown in Schedule 14) Date 12-22-[illegible] 10 Demand interval 60 Min.			
	Gross generation (6)	Plant use (7)	Net generation (col. 6 minus col. 7) (8)	Installed capacity connected to load (9)	Net plant capability (10)	Net demand on plant (11)	
1	9 834 535	486 427	9 348 108	1 558.73	1 464b	1 271	1
2	10 512 774	396 245	10 116 529	1 641.70	1 515b	1 464	2
3	2 717 907	248 157	2 469 750	409.78	389bp	376	3
4	7 887 729	482 417	7 405 312	2 013.50	1 940bp	1 835	4
5	481 595	46 166	435 429	75.00	73b	64	5
6	1 373 643	61 235	1 312 408	231.00	210b	191	6
7	1 274 138	73 854	1 200 284	213.20	194b	170	7
8	34 082 321	1 794 501	32 287 820	6 142.91	5 775	5 371	8
9	473 407	2 953	470 454	108.20	102p	94	9
10	63 261	301	62 960	40.00	44p	13	10
11	536 668	3 254	533 414	148.20	146	107	11
12	3 967		3 967	64.00	72p	0	12
13	4 444		4 444	64.00	72p	0	13
14	9 174		9 174	94.32	96p	0	14
15	3 356		3 356	47.16	48p	0	15
16	1 580		1 580	32.00	36p	0	16
17	1 379		1 379	32.00	36p	0	17
18	2 322		2 322	37.18	36p	0	18
19	1 888		1 888	37.18	36p	0	19
20	1 583		1 583	32.00	36p	0	20
21	926		926	18.59	18p	0	21
22	523		523	29.25	31p	0	22
23	31 142		31 142	487.68	517	0	23
24	538		538	8.25	8p	0	24
25	276		276	5.50	5p	0	25
26	342		342	5.50	6p	0	26
27	364		364	1.26	2p	0	27
28	154		154	1.36	1p	0	28
29	1 674		1 674	21.87	22	0	29
30							30
31							31
32							32
33							33
34							34
35							35
36	34 651 805	1 797 755	32 854 050	6 800.66	6 470	5 478	36

Schedule 2

SYSTEM HYDROELECTRIC DATA

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY. This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19. . , correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1-5, page 7.*

ADVERSE FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	Dependable Capacity (Megawatts)
	Natural flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					XXXX	XXXX	XXXX	XXXX

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	Dependable Capacity (Megawatts)
	Natural flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	XXXX	XXXX	XXXX	XXXX		XXXX	XXXX	XXXX
Jan.								
Feb.								
Mar.								
April								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								
Year					XXXX	XXXX	XXXX	XXXX

[1] When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.
[2] Change in storage based on entry in column 3.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

Notes:

Data reported on F.P.C. Form 12 for the year 1978
correct as of December 31, 1980.

Schedule 2

SYSTEM HYDROELECTRIC DATA

A. AGGREGATE DEPENDABLE HYDROELECTRIC CAPACITY AND POTENTIAL ENERGY.

This schedule need not be completed if there have been no changes affecting the data previously reported. In such case the following notation should be made at the bottom of the page: "Data reported on FPC Form 12 for the year 19____ correct as of December 31 of the year herein reported." *Furnish data indicated below in accordance with the instructions in paragraphs 1-5, page 7.*

ADVERSE FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts)
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	
	Natural flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	xxxxxx	xxxxxx	xxxxxx	xxxxxx	2,800	xxxxxx	xxxxxx	xxxxxx
Jan.	33,200	(2,000)	12,500	43,700	4,800	40.0	126.3	148.0
Feb.	32,000	(3,100)	11,900	40,800	7,900	40.0	127.5	149.0
Mar.	48,900	(14,200)	18,900	53,600	22,100	40.0	133.0	165.0
April	52,700	(17,700)	21,700	56,700	39,800	39.5	138.0	176.0
May	47,100	(11,700)	18,200	53,600	51,500	40.0	140.0	171.0
June	39,700	(3,500)	15,400	51,600	55,000	40.0	140.0	166.0
July	22,800	0	8,400	31,200	55,000	40.0	140.0	149.0
Aug.	11,000	11,600	4,200	26,800	43,400	40.0	139.0	142.0
Sept.	13,200	9,800	4,900	27,900	33,600	40.0	136.6	143.5
Oct.	14,300	15,600	5,600	35,500	18,000	40.0	131.5	141.0
Nov.	19,900	11,100	7,700	38,700	6,900	40.0	127.2	141.0
Dec.	27,900	5,400	10,500	43,800	1,500	40.0	125.0	143.0
Year	362,700	1,300	139,900	503,900	xxxxxx	xxxxxx	xxxxxx	xxxxxx

AVERAGE OR MEDIAN FLOW CONDITIONS*

Month	PLANNED USE OF STREAM FLOW AND STORAGE Energy (Megawatt-hours)					MACHINE CAPABILITY (Megawatts)		Dependable Capacity (Megawatts)
	Storage Plants		Run-of-River Plants	Total Available (Col. 2 plus col. 3 plus col. 4)	In Storage End of Month[2]	Run-of-River Plants	Storage Plants	
	Natural flow	Storage[1]						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Dec.	xxxxxx	xxxxxx	xxxxxx	xxxxxx	1,500	xxxxxx	xxxxxx	xxxxxx
Jan.	47,300	(7,100)	19,400	59,600	8,600	40.0	128.0	161.0
Feb.	43,400	(6,800)	18,200	54,800	15,400	40.0	130.5	164.5
Mar.	58,200	(13,600)	24,600	69,200	29,000	36.5	135.5	172.0
April	62,700	(17,400)	25,500	70,800	46,400	36.0	139.7	175.7
May	58,200	(6,300)	24,000	75,900	52,700	37.0	140.0	177.0
June	51,600	(2,300)	21,600	70,900	55,000	39.5	140.0	177.5
July	42,000	0	18,200	61,100	55,000	40.0	140.0	171.0
Aug.	36,300	2,300	14,800	53,400	52,700	40.0	140.0	165.0
Sept.	33,500	6,600	13,700	53,800	46,100	40.0	139.5	163.5
Oct.	35,200	15,200	14,700	65,100	30,900	40.0	136.0	161.5
Nov.	39,000	13,100	15,900	68,000	17,800	40.0	132.0	155.0
Dec.	41,200	16,000	17,100	73,300	2,800	40.0	125.5	150.5
Year	549,500	(1,300)		775,900	xxxxxx	xxxxxx	xxxxxx	xxxxxx

[1] When energy is drawn from storage, show as a positive quantity. When energy is stored, show as a negative quantity in parentheses.
[2] Change in storage based on entry in column 3.

*NOTE.—The method or basis used in determining the above data for adverse flow and average or median flow conditions should be explained in accordance with instructions 2 and 3 of this schedule.

SAMPLE EXPLANATION

Notes:

Data reported under "Adverse Flow Conditions" are based on stream flows in the calendar year (19____), which is the most adverse year of record. The critical flow period normally occurs during the last 6 months of the calendar year.

Data reported under "Average or Median Flow Conditions" are based upon the average of monthly stream flows during the period of record (19____-19____).

Schedule 2—Continued

SYSTEM HYDROELECTRIC DATA—Continued

1. The data to be reported in Part A of Schedule 2 are intended to present a realistic picture of the potential energy and capacity of system hydroelectric plants under the specified flow conditions. The data to be reported should be based upon an assumed schedule of system operation that would permit serving the maximum possible annual system load with existing facilities and arrangements for purchase or sale of firm power, assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report. Contracts for purchase or interchange of off-peak energy also may be taken into account. In determining the magnitude of the seasonal load that could be carried by the system and the necessary scheduling of system operations, provisions for necessary maintenance scheduling and reserve capacity to be supplied by own system should be taken into account. Explanatory notes relative to Schedule 16 should be referred to in connection with this schedule. If the seasonal and hourly variations in load are expected to change materially, the information given may be based on the expected load shape, explaining in a footnote.

2. The information to be reported under adverse flow conditions should, in general, be based on stream flows equivalent to the year giving the most adverse flow conditions of record during the critical period of system operation. Where stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of a very short duration, the figures used in determining the capacity and energy available from hydro plants may be modified, treating such abnormal limitations as emergency conditions to be covered by the reserve capacity; such modifications, however, should be fully explained. Any system which maintains comparable data based on flows during a year which would give the minimum potential annual output, or based on minimum flow or output for each month, may report on whichever basis it believes will present the most realistic condition for its system. The basis of reporting should be fully explained in the space provided for notes with addenda sheets if needed.

3. Information to be reported under average or median flow conditions may be made on the assumption of the recurrence of flows equivalent to a year which would give the average annual potential output or may be based on median flow or output for each month, or average flow or output for each month, whichever it is believed will present the most realistic condition for its system. The basis of reporting should be fully explained in footnotes or addenda sheets.

4. "Run-of-river" refers to those plants whose operation cannot be regulated over a period of more than a few hours, either from storage at site or above, but whose operation is, in general, controlled by the volume of flow which must be utilized as it occurs or be wasted.

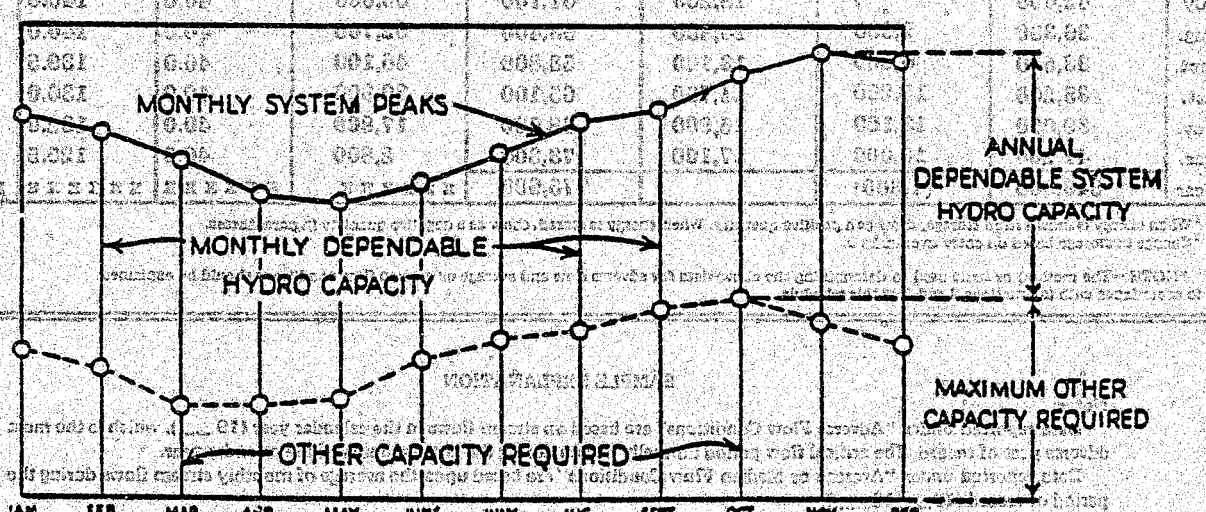
"Storage" refers to those plants whose operations can be varied as desired because of storage at site or above. This regulation may be weekly, monthly, or seasonal.

"Total available energy" refers to the maximum potential output of the existing hydro-generating facilities on the basis of the regulated stream flow, regardless of whether such output can be fully utilized in serving system load or by transfer to other systems. The monthly distribution of storage energy should be such as to permit the serving of the maximum annual peak load under the conditions outlined in instruction 1. However, where required releases for irrigation, navigation, flood control, and other water use are controlling, the monthly distribution of available energy should reflect the effect of such requirements and full explanation should be given in footnotes.

"Capability" in any month is the machine capability under the most adverse conditions to be expected in that month under the assumed flow conditions without respect to the energy available or the characteristics of the load to be served other than the power factor conditions normally to be expected.

"Dependable capacity" in any month is that capacity that can be relied upon for serving system load and firm power commitments on the basis of the energy available in that month and its use as limited by the characteristics of the load to be served.

5. Dependable hydroelectric capacity as used in this power system statement is intended to be the capacity value of the system hydroelectric plants in serving, together with the other available system capacity, the maximum annual system peak load under the conditions given in instruction 1. For any specified period it represents, on the basis of complete utilization of available storage energy over the critical flow periods, the difference between the peak load for that period and the maximum other capacity required. Where a portion of storage energy is scheduled to be held as a reserve for emergency use only, the dependable capacity should also include the reserve capacity value of such energy reserve. The dependable hydroelectric capacity shown in column 9 under adverse flow conditions for the month of annual peak demand may not necessarily be the same as the annual dependable hydroelectric capacity to be reported in schedule 16, as the annual peak demand may not occur in the month requiring the maximum capacity from other than system hydroelectric plants. This is illustrated by the following graph:



SYSTEM HYDROELECTRIC DATA—Continued
INSTRUCTIONS FOR PARTS B AND C

1. All the data requested on this page should be furnished for reservoirs and plants which were:
   (a) Constructed, purchased, or leased, and placed in operation by the respondent during the year, or,
   (b) Operated by the respondent prior to the year covered by this statement but not reported to this Department in the form prescribed below.

2. Revised data for the appropriate items should be furnished if changes have been made in the installed capacity or design of hydro plants, in available storage, or in "operating rule curves" during the year or the data have not been reported in the prescribed form.

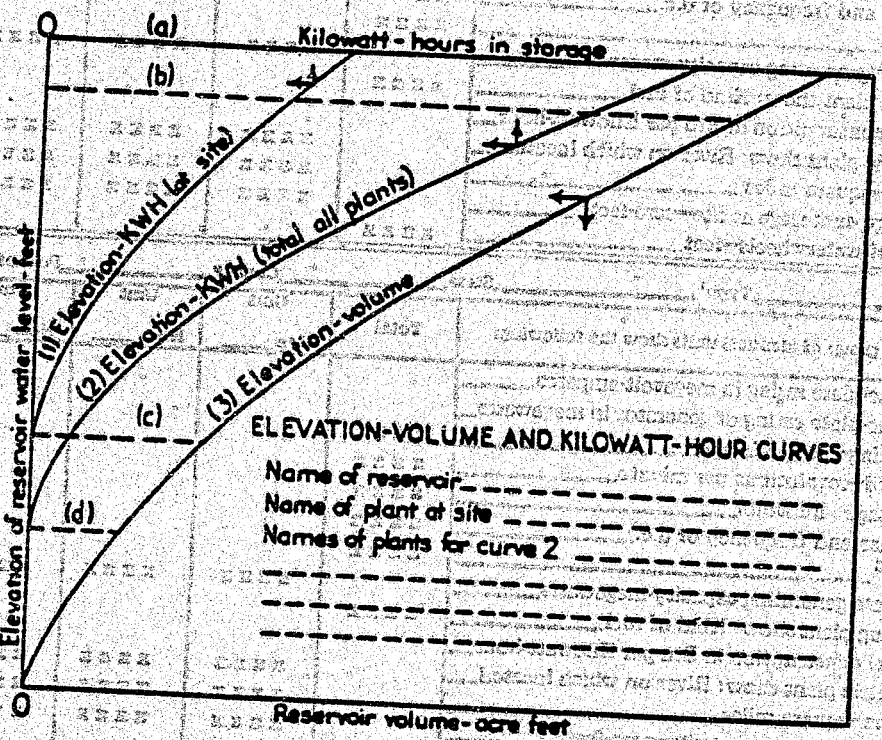
3. *For those reservoirs and plants in which no physical change or revision in operating practice has occurred affecting the data previously reported, list on an addenda sheet each reservoir and plant name and the year in which the information was furnished together with the notation "correct as of December 31 of the year herein reported."*

B. Storage Reservoirs.

1. Furnish "Elevation—Volume" and "Elevation-Kilowatt-hour" curves for each storage reservoir on the system that can provide monthly or seasonal storage. A form for showing these data is illustrated in the accompanying sketch.

2. In addition to the foregoing curves, show (a) the maximum water level without spill (to be furnished for operation without and with flash boards if used), and (b) the maximum water level at which the reservoir is normally carried; (c) the minimum water level of the reservoir for plant operation at the site, and, (d) the minimum water level to which water can be drawn for use at other plants; and (e) capacity-head curves for plants having large variations in head. Elevations should be referred to U. S. G. S. datum (or to the same datum as used in plant layout sketches—see item C (1) below).

3. Furnish "Operating Rule Curves" for each of the foregoing reservoirs, in the form in which they are available, and state period for which curves are applicable.



C. Hydroelectric Power Plants, including Pumped Storage.

1. For each hydroelectric plant of 10 megawatt installed capacity or greater furnish:
   (a) A panoramic sketch of the project, and a profile sketch of the plant layout showing elevations referred to U. S. G. S. datum, if such datum is available. Show for the dam its material and type, maximum height, total length, thickness at base, and length of spillway section.
   Furnish curves showing headwater and tailwater elevations, in feet, plotted against total discharge, including plant use, in cubic feet per second.
   (b) A photograph of the plant if available.

2. If available, furnish for all hydroelectric plants of 10 megawatt installed capacity or greater, curves showing the relation between over-all water use in cubic feet per second and gross plant load in kilowatts, from minimum to full load at a constant gross head which approximates the average head. The gross head should be stated.

Schedule 3

PLANT DATA—SMALL PLANTS Not Applicable

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this schedule should be completed for each conventional hydroelectric or pumped storage plant under 10 megawatts, each steam-electric plant under 25 megawatts, and each internal-combustion engine and gas turbine plant under 5 megawatts, installed capacity. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be completed for each such plant as referred to in the preceding paragraph which was

(a) Constructed, purchased, or leased and placed in operation by the respondent during the year; or

(b) Altered during the year—i.e., generators or other equipment installed, remodeled, removed from service or otherwise changed; or

(c) Not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form 12, 19. . . , is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

Plant name _____ Type[1] _____ State _____ County _____ Post office _____ 1

For each unit or group of identical units show the following:	Total	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Maximum name-plate rating in megavolt-amperes						2
Maximum name-plate rating of generator in megawatts						3
Name-plate rating—power factor	xxxx					4
Operating speed—revolutions per minute	xxxx					5
Generator voltage - kilovolts	xxxx					6
Generator phase and frequency or d.c.	xxxx					7
Year installed[2]	xxxx					8
Planned ultimate generating capacity-megawatts		xxxx	xxxx	xxxx	xxxx	9
If a fuel-burning plant show: Kind of fuel	xxxx					10
Full load fuel consumption in Btu per Kilowatt-hour						11
If a hydroelectric plant show: River on which located		xxxx	xxxx	xxxx	xxxx	12
Drainage area—square miles		xxxx	xxxx	xxxx	xxxx	13
Usable pondage or storage at site—acre-feet		xxxx	xxxx	xxxx	xxxx	14
Design head of waterwheels—feet	xxxx					15

Plant name _____ Type[1] _____ State _____ County _____ Post office _____ 16

For each unit or group of identical units show the following:	Total	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Maximum name-plate rating in megavolt-amperes						17
Maximum name-plate rating of generator in megawatts						18
Name-plate rating—power factor	xxxx					19
Operating speed—revolutions per minute	xxxx					20
Generator voltage - kilovolts	xxxx					21
Generator phase and frequency or d.c.	xxxx					22
Year installed[2]	xxxx					23
Planned ultimate generating capacity-megawatts		xxxx	xxxx	xxxx	xxxx	24
If a fuel-burning plant show: Kind of fuel	xxxx					25
Full load fuel consumption in Btu per Kilowatt-hour						26
If a hydroelectric plant show: River on which located		xxxx	xxxx	xxxx	xxxx	27
Drainage area—square miles		xxxx	xxxx	xxxx	xxxx	28
Usable pondage or storage at site—acre-feet		xxxx	xxxx	xxxx	xxxx	29
Design head of waterwheels—feet	xxxx					30

[1] Hydro, pumped storage, steam, internal steam, internal combustion engine, gas turbine, or nuclear.

[2] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 3

PLANT DATA—SMALL PLANTS—Continued

NOT APPLICABLE

Plant name _____ Type[1] _____ State _____ County _____ Post office _____

For each unit or group of identical units show the following:	Total	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Maximum name-plate rating in megavolt-amperes						2
Maximum name-plate rating of generator in megawatts						3
Name-plate rating—power factor	xxxx					4
Operating speed—revolutions per minute	xxxx					5
Generator voltage - kilovolts	xxxx					6
Generator phase and frequency or d.c.	xxxx					7
Year installed[2]	xxxx					8
Planned ultimate generating capacity-megawatts		xxxx	xxxx	xxxx	xxxx	9
If a fuel-burning plant show: Kind of fuel	xxxx					10
Full load fuel consumption in Btu per Kilowatt-hour						11
If a hydroelectric plant show: River on which located		xxxx	xxxx	xxxx	xxxx	12
Drainage area—square miles		xxxx	xxxx	xxxx	xxxx	13
Usable pondage or storage at site—acre-feet		xxxx	xxxx	xxxx	xxxx	14
Design head of waterwheels—feet	xxxx					15

Plant name _____ Type[1] _____ State _____ County _____ Post office _____ 16

For each unit or group of identical units show the following:	Total	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Maximum name-plate rating in megavolt-amperes						17
Maximum name-plate rating of generator in megawatts						18
Name-plate rating—power factor	xxxx					19
Operating speed—revolutions per minute	xxxx					20
Generator voltage - kilovolts	xxxx					21
Generator phase and frequency or d.c.	xxxx					22
Year installed[2]	xxxx					23
Planned ultimate generating capacity-megawatts		xxxx	xxxx	xxxx	xxxx	24
If a fuel-burning plant show: Kind of fuel	xxxx					25
Full load fuel consumption in Btu per Kilowatt-hour						26
If a hydroelectric plant show: River on which located		xxxx	xxxx	xxxx	xxxx	27
Drainage area—square miles		xxxx	xxxx	xxxx	xxxx	28
Usable pondage or storage at site—acre-feet		xxxx	xxxx	xxxx	xxxx	29
Design head of waterwheels—feet	xxxx					30

Plant name _____ Type[1] _____ State _____ County _____ Post office _____ 31

For each unit or group of identical units show the following:	Total	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Maximum name-plate rating in megavolt-amperes						32
Maximum name-plate rating of generator in megawatts						33
Name-plate rating—power factor	xxxx					34
Operating speed—revolutions per minute	xxxx					35
Generator voltage - kilovolts	xxxx					36
Generator phase and frequency or d.c.	xxxx					37
Year installed[2]	xxxx					38
Planned ultimate generating capacity-megawatts		xxxx	xxxx	xxxx	xxxx	39
If a fuel-burning plant show: Kind of fuel	xxxx					40
Full load fuel consumption in Btu per Kilowatt-hour						41
If a hydroelectric plant show: River on which located		xxxx	xxxx	xxxx	xxxx	42
Drainage area—square miles		xxxx	xxxx	xxxx	xxxx	43
Usable pondage or storage at site—acre-feet		xxxx	xxxx	xxxx	xxxx	44
Design head of waterwheels—feet	xxxx					45

[1] Hydro, pumped storage, steam, internal steam, internal combustion engine, gas turbine, or nuclear.
[2] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 4
HYDROELECTRIC PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each conventional hydroelectric plant of 10 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name (2)	
A. PLANT LOCATION		
River on which located		2
State		3
County		4
Post office		5
B. STATION DATA		
Total installed generator capacity—name-plate ratings (including auxiliary units)—mw[1]		6
Net plant capability under the most favorable operating conditions—mw		7
Net plant capability under the most adverse operating conditions[2] —mw		8
Estimated average annual potential output on basis of present installed capacity—mwh	Power Factor ____ Percent[2]	9
If adequate records are available, specify which year of stream flow may be used to determine both the magnitude and distribution of the average annual potential output		10
Estimated over-all water use in c. f. s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions.		
Give the megawatt output for each load:	C.f.s. Per Kw / Corresponding Head—Feet: Gross[4] / Net[5]	11
One-half station load (megawatts)		12
Three-fourths station load (megawatts)		13
Full station load (megawatts)		14
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M)		15
Number of future units provided for in present plant		16
Planned ultimate generating capacity—mw		17
C. HYDRAULIC DATA		
Drainage area—square miles		18
Pondage or storage available at site:		19
1. Area of pond at normal full pond level—acres	See Page 11-1	20
2. Maximum draw-down from normal full pond level—feet		21
3. Storage or pondage from maximum draw-down—acre-feet		22
Head—in feet, with full pond and full station load:		23
1. Gross head (Pond elevation minus tailwater elevation) ____ feet		24
2. Effective net head (Gross head minus intake and conduit losses) ____ feet		25
Elevation:		26
1. Normal full pond elevation—designate datum		27
2. Pond elevation used in estimating water use in lines 11, 12, and 13		28
Developed storage above site (list):		29
1. Location and drainage area		30
(a) Usable volume—acre-feet		
2. Location and drainage area		
(b) Usable volume—acre-feet		
3. Location and drainage area		
(c) Usable volume—acre-feet		

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. Stated power factor in space provided.
[3] Give cause of limitation and time of year.
[4] Pond elevation minus tailwater elevation with pond at normal or average elevation.
[5] Gross head minus intake and conduit losses.

PENNSYLVANIA POWER & LIGHT COMPANY
APPLICABLE TO SCHEDULE 4

PLANTS

Holtwood Hydro Electric Station	- Data reported on F.P.C. Form 12 for the year 1975 correct as of December 31, 1980.
Wallenpaupack Hydro Electric Station	- Data reported on F.P.C. Form 12 for the year 1975 correct as of December 31, 1980.

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HYDROELECTRIC PLANT DATA—Continued

D. INSTALLATION DATA

Name of Plant:_____ Name of System_____

Number of main generating units_____ Number of auxiliary generating units_____ (Indicate below which are auxiliary units)

	Nos._____	Nos._____	Nos._____	Nos._____	Nos._____	
For each unit or group of identical units show the following (if necessary attach additional sheets):						
1. Waterwheels:						
(a) Design head—feet						31
(b) Operating speed—revolutions per minute						32
(c) Maximum horsepower capacity at design head						33
(d) Type of runner—Francis (F), fixed propeller (F. P.), automatically adjustable propeller (A. P.), impulse[1]		See Page 11-1				
(e) Type—horizontal, vertical, or inclined						34
(f) Year installed[2]						35
(g) Manufacturer						36
2. Generators:						37
(a) Name-plate rating in megavolt-amperes						38
Name-plate rating in megawatts						39
Name-plate rating—power factor						40
(b) Continuous overload capacity in percent						41
(c) Voltage—in kilovolt						42
(d) Phase and frequency or d. c.						43
(e) Year installed[2]						44
(f) Manufacturer						45

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						46
(b) Spare						47
Type: If auto, specify						48
Phase and frequency						49
Capacity of each transformer in mva:						
(a) Normal rating						50
(b) Maximum continuous rating with forced cooling (if installed)						51
Voltage, in kv.: Primary						52
Secondary						53
Tertiary						54
Bank connection (Δ, V, Y, grounded Y, or other): Primary						55
Secondary						56
Tertiary						57
Bank capacity, in mva.: Primary						58
Secondary						59
Tertiary						60

[1] Report reversible units on schedule 4-A.

[2] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 4—A

PUMPED STORAGE PLANT DATA[1] NOT APPLICABLE

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each pumped storage plant of 10 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., water wheels, generators, or other equipment installed, remodeled, removed from service, or otherwise changed: or
(c) Whose capability was modified as a result of changes during the year in dams, spillways, or other structures of the project, or in available storage at or above the site; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation *for each: "Data for this plant last reported in FPC Form No. 12, 19. . . , is correct as* of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name (2)	
A. PLANT LOCATION		
River on which located		1
State		2
County		3
Post office		4
		5
B. STATION DATA		
Total installed generator capacity—name-plate ratings (including auxiliary units)—mw[2]		6
Net plant capability at maximum head—mw		7
Net plant capability at minimum head—mw	Power Factor ____ Percent[3]	8
Estimated average annual generation—mwh		9
Estimated average annual pumping energy—mwh		10
Method of operation—automatic or remote control (A), semiautomatic (SA), manual (M)		11
Number of future units provided for in present plant		12
Planned ultimate generating capacity—mw		13
Estimated over-all water use in c.f.s. per kilowatt and corresponding head for the following loads under headwater conditions which approximate average conditions. Give the kilowatt output for each load:	Maximum Head / Minimum Head	
One-half station load (megawatts) ____ c.f.s. Per kw		14
Three-fourths station load (megawatts) ____ c.f.s. Per kw		15
Full Station load (megawatts) ____ c.f.s. Per kw		16
Overall conversion efficiency—mwh output ÷ mwh input		17
Full station load pumping-megawatts		18
C. HYDRAULIC DATA		
Pondage or storage available at site:	Upper Pond / Lower Pond	
1. Area of pond at normal full pond level—acres		19
2. Maximum draw-down from normal full pond level—feet		20
3. Storage or pondage from maximum draw-down-acre)feet		21
Elevation:		
1. Normal full pond elevation—designate datum		22
Head—in feet, with full station load:	Maximum Head / Minimum Head	
1. Gross head (Upper pond elevation minus lower pond elevation) ____ feet		23
2. Effective net head (Gross head minus intake and conduit losses) ____ feet		24
Storage in upper pool:		
1. Megawatt hours		25
2. Hour use of net plant capability		26
Pump starting method		27

[1] Complete this schedule for pure pumped storage plants. For plants with both conventional and pumped storage facilities report only the pumping cycle data that are not reported on schedule 4.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power-factor condition normally to be expected at time of system peak. State power factor in space provided.

PUMPED STORAGE PLANT DATA—Continued NOT APPLICABLE

D. INSTALLATION DATA

Name _____ Name of System _____

Number of main generating units _____ Number of auxiliary generating units _____ (Indicate below which are auxiliary units)

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary attach additional sheets):						
1. Waterwheels of Hydraulic Turbine/Pumps						
(a) Design head—feet						28
(b) Operating need—as turbine—rpm						29
(c) Operating need—as pump—rpm						30
(d) Maximum horsepower capacity at design head						31
(e) Type of runner—Francis (F), fixed propeller (F.P.), automatically adjustable propeller (A.P.), impulse (I), tubular (T)						32
(f) Type—horizontal or vertical or inclined						33
(g) Year installed[1]						34
(h) Manufacturer						35
2. Generators or Generator/Motors						
(a) Name-plate rating in megavolt-amperes—Generator						36
(b) Name-plate rating in megavolt-amperes—Motor						37
(c) Name-plate rating in megawatts—Generator						38
(d) Name-plate rating-power factor—Generator						39
(e) Name-plate rating in horsepower—Motor						40
(f) Voltage- in kilovolts						41
(g) Phase and frequency or d.c.						42
(h) Year installed[1]						43
(i) Manufacturer						44
3. Separate motor-driven pumps						
(a) Name-plate rating in horsepower						45
(b) Name-plate rating in megavolt-amperes						46
(c) Phase and frequency or d.c.						47
(d) Operating speed—rpm						48
(e) Type of pump						49
(f) Year installed[1]						50
(g) Manufacturer						51

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						52
(b) Spare						53
Type: If auto, specify						54
Phase and frequency						55
Continuous capacity of each bank (with forced cooling if installed)						
Bank capacity, in mva.: Primary						56
Secondary						57
Tertiary						58
Voltage, in k.v.: Primary						59
Secondary						60
Tertiary						61

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Whcih was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19....., is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. *Use* addendum sheets as necessary.

(1)	Plant Name (2) Brunner Island	
A. PLANT LOCATION		
State	Pennsylvania	2
County	York	3
Post Office	York Haven, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature	SEE PAGE 15-1	10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the megawatt output for each load:		
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	12,364	16
Oil (Btu per gallon)	136,964	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

PENNSYLVANIA POWER & LIGHT COMPANY
APPLICABLE TO SCHEDULE 5

PLANTS

Brunner Island S.E.S.

Montour S.E.S.

Martins Creek S.E.S.

Sunbury S.E.S.

Holtwood S.E.S.

Keystone S.E.S.

Conemaugh S.E.S.

Data reported in F.P.C. Form 12 for the year 1979, with the exception of Lines 16 and 17, correct as of December 31, 1980.

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D. INSTALLATION DATA

Name of plant Brunner Island Name of System Pennsylvania Power & Light Co

Number of main generating units 3 Number of auxiliary generating units 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F			SEE PAGE 15-1			39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Whcih was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19....., is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Montour (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Montour	3
Post Office	Washingtonville, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ¼ and ¾ load) and give the megawatt output for each load:	SEE PAGE 15-1	
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	12,423	16
Oil (Btu per gallon)	137,386	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] ____ Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] ____ Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] ____ Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant Brunner Island Name of System Pennsylvania Power & Light Co

Number of main generating units 3 Number of auxiliary generating units 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F			SEE PAGE 15-1			39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type; If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

D. INSTALLATION DATA

Name of plant Montour Name of System Pennsylvania Power & Light Co

Number of main generating units 2 Number of auxiliary generating units 1 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute			SEE PAGE 15-1			36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.: (a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other): Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19____, is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. *Use* addendum sheets as necessary.

(1)	Plant Name (2) Martins Creek	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Northampton	3
Post Office	Box 257, Martins Creek, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¼ load) and give the megawatt output for each load:	SEE PAGE 15-1	
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	12,390	16
Oil (Btu per gallon)	146,407	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] ____ Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] ____ Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] ____ Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant Martins Creek Name of System Pennsylvania Power & Light Co.

Number of main generating units 4 Number of auxiliary generating units _____ (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage			SEE PAGE 15-1			37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19__, is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name (2) Sunbury	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Snyder	3
Post Office	P.O.Box 302, Sunbury, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the megawatt output for each load:	SEE PAGE 15-1	
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	11,174	16
Oil (Btu per gallon)	137,597	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant Sunbury Name of System Pennsylvania Power & Light Co

Number of main generating units 4 Number of auxiliary generating units 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

SEE PAGE 15-1

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (△, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Whcih was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19___ is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name (2)	
	Holtwood	1
A. PLANT LOCATION		
State	Pennsylvania	2
County	Lancaster	3
Post Office	Holtwood, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the megawatt output for each load:	SEE PAGE 15-1	
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	9,848	16
Oil (Btu per gallon)	137,541	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant Holtwood — Name of System Pennsylvania Power & Light Co

Number of main generating units 1 — Number of auxiliary generating units 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc			SEE PAGE 15-1			35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.: (a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (Δ, V, Y, grounded Y, or other): Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Whcih was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19....., is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	(2)	
	Plant Name Keystone	1
A. PLANT LOCATION		
State	Pennsylvania	2
County	Indiana	3
Post Office	Shelocta, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the megawatt output for each load:	SEE PAGE 15-1	
(a) At one-half station load (megawatts)		11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	12,062	16
Oil (Btu per gallon)	138,800	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant Keystone — Name of System Pennsylvania Power & Light Co.

Number of main generating units 2 — Number of auxiliary generating units 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate—power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

SEE PAGE 15-1

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (△, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 5

STEAM-ELECTRIC, INCLUDING NUCLEAR, PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) This entire schedule should be filled in *completely* for each steam electric (including nuclear) plant of 25 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years 1980-2-3-4, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Whcih was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., generators, boiler units, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19....., is correct as of December 31, of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Conemaugh (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Indiana	3
Post Office	New Florence, PA	4
B. STATION DATA		
Total installed generator capacity—maximum name-plate ratings (including auxiliary units)—mw[1]		5
Number and capacity of future units provided for in present plant		6
Planned ultimate genrating capacity-megawatts		7
Source of condenser water supply and type of cooling		8
Minimum available condenser water in c. f. s.		9
Give the duration of the period and the time of the year when plant capability is normally limited by condenser water or ambient temperature		10
Fuel consumption in Btu per kilowatt-hour of net station output. Assume the most efficient combination of units (for ½ and ¾ load) and give the megawatt output for each load:		
(a) At one-half station load (megawatts)	SEE PAGE 15-1	11
(b) At three-fourths station load (megawatts)		12
(c) At full station load (megawatts)		13
State whether steam produced at this plant is sold or supplied to other departments or to industrial companies		14
If coal is used, from what State is it procured		15
B. t. u. content of fuel as fired:		
Coal (Btu per pound)	12,127	16
Oil (Btu per gallon)	138,800	17
Gas (Btu per cubic foot)		18

C. PLANT NET CAPABILITY UNDER SPECIFIED CONDITIONS

	With All Equipment in Service (Megawatts) Power Factor[2] Percent	With Largest Generating Unit Out of Service (Megawatts) Power Factor[2] Percent	With Largest Boiler Unit Out of Service (Megawatts) Power Factor[2] Percent	
Net plant capability (excluding plant use):				
1. When *NOT* limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				19
(b) Two-hour duration				20
(c) Continuous duration				21
2. During periods when limited by condenser water or ambient temperature:				
For loads of:				
(a) One-hour duration				22
(b) Two-hour duration				23
(c) Continuous duration				24

[1] Should agree with sum of columns 4 and 5, Schedule 1.
[2] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.

D. INSTALLATION DATA

Name of plant: Conemaugh — Name of System: Pennsylvania Power & Light Co

Number of main generating units: 2 — Number of auxiliary generating units: 0 (Indicate below which are auxiliary units)

For each unit or group of identical units show the following (if necessary attach additional sheets):	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
Generator Data:						
Manufacturers maximum nameplate rating in megawatts						25
Hydrogen pressure—psi gage						26
Manufacturers minimum nameplate rating in megawatts						27
Hydrogen pressure—psi gage						28
Manufacturers nameplate power factor						29
Generator coolant—Air (A), Hydrogen (H), Liquid (L)						30
Generator voltage in kilovolts						31
Generator phase and frequency						32
Manufacturer						33
Turbine Data:						
Turbine nameplate rating—mw						34
Single casing, tandem compound, cross compound, etc						35
Operating speed—revolutions per minute						36
Throttle pressure—psi gage						37
Throttle temperature—degrees F						38
Reheat temperature, if applicable—degrees F						39
Exhaust pressure—psi gage or inches of mercury						40
Full load steam rate in pounds per kilowatt-hour						41
Full load heat rate in Btu per kilowatt-hour						42
Manufacturer						43
Year installed[1]						44
Turbine-Generator Data:						
Maximum gross capability in megawatts						45
Hydrogen pressure—psi gage						46

SEE PAGE 15-1

Give for each boiler or group of identical boilers the following:	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	Boiler Nos.	
Steam pressure—psi gage						47
Maximum continuous steaming capacity-1000 lbs. per hr.						48
Kind of fuel (coal, gas, oil, etc.)						49
Method of firing						50
Year installed						51
Manufacturer						52

E. STATION STEP-UP TRANSFORMERS

Data are to be furnished for each transformer or group, i. e., one or more banks, of identical transformers, including spares.

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						53
(b) Spare						54
Type: If auto, specify						55
Phase and frequency						56
Capacity of each transformer in mva.:						
(a) Normal rating						57
(b) Maximum continuous rating with forced cooling (if installed)						58
Voltage, in kv.: Primary						59
Secondary						60
Tertiary						61
Bank connection (△, V, Y, grounded Y, or other):						
Primary						62
Secondary						63
Tertiary						64
Bank capacity, in mva.: Primary						65
Secondary						66
Tertiary						67

[1] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Allentown (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Lehigh	3
Post office	Allentown, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,929	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units *

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

PENNSYLVANIA POWER & LIGHT COMPANY

APPLICABLE TO SCHEDULE 7

PLANTS

Allentown C.T.

Fishbach C.T.

Harrisburg C.T.

Harwood C.T.

Jenkins C.T.

Lock Haven C.T.

Martins Creek C.T.

Suburban C.T.

Sunbury C.T.

West Shore C.T.

Williamsport C.T.

Brunner Island I.C.E.

Martins Creek I.C.E.

Sunbury I.C.E.

Keystone I.C.E.
PP&L Portion(12.34%)

Conemaugh I.C.E.
PP&L Portion(11.39%)

DATA REPORTED IN F.P.C. FORM 12 FOR THE YEAR 1979, WITH THE EXCEPTION OF LINE 12, CORRECT AS OF DECEMBER 31, 1980.

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D. STATION STEP-UP TRANSFORMERS

Name of Plant: Allentown Name of System: Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)			SEE PAGE 17-1			34
						35
Voltage, in kv.: Primary						36
Secondary						37
Tertiary						
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Fishbach (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Schuylkill	3
Post office	Pottsville, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor—Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,180	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS

SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Fishbach Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)		SEE PAGE 17-1				34
Voltage, in kv.: Primary						35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Harrisburg (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Dauphin	3
Post office	Harrisburg, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,695	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

COMBUSTION-ENGINE AND GAS-TURBINE PLANT DATA—Continued
D. STATION STEP-UP TRANSFORMERS

Name of Plant: Harrisburg Name of System: Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						
Voltage, in kv.: Primary						34
Secondary						35
Tertiary						36
Bank connection (Δ, Y, Y, grounded Y, or other):						37
Primary						
Secondary						38
Tertiary						39
Bank capacity, in mva.: Primary						40
Secondary						41
Tertiary						42
						43

SEE PAGE 17-1

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Harwood (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Luzerne	3
Post office	Hazleton, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor_____Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,583	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units *

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Harwood Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)		SEE PAGE 17-1				34
Voltage, in kv.: Primary						35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Jenkins (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Luzerne	3
Post office	Laflin, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,544	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS

Number of units

SEE PAGE 17-1

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Jenkins Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary		SEE PAGE 17-1				35
Secondary						36
Tertiary						37
Bank connection (Δ, Y, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . ., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name: Lock Haven (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Clinton	3
Post office	Lock Haven, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor _____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	136,852	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS

Number of units * _____ SEE PAGE 17-1

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Lock Haven Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary			SEE PAGE 17-1			35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 17

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19. . , is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Martins Creek (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Northampton	3
Post office	Box 257, Martins Creek, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	138,433	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Martins Creek Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary			SEE PAGE 17-1			35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded-Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Suburban (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Lackawanna	3
Post office	Scranton, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	134,272	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS

Number of units[4] ____ SEE PAGE 17-1

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Suburban Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary						35
Secondary		SEE PAGE 17-1				36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Sunbury (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Snyder	3
Post office	P.O.Box 302, Sunbury, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,203	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Sunbury Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency		(2)				32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary		SEE PAGE 17-1				35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 7

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect any of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19__, is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name West Shore (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Dauphin	3
Post office	Harrisburg, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	137,562	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

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D. STATION STEP-UP TRANSFORMERS

Name of Plant West Shore Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary			SEE PAGE 17-1			35
Secondary						36
Tertiary						37
Bank connection (Δ, V, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

(Schedule 7)

INTERNAL-COMBUSTION ENGINE AND GAS-TURBINE PLANT DATA

For 1975 and every fifth year thereafter (1980, 1985, 1990, etc.) this entire schedule should be filled in *completely* for each internal-combustion engine plant and each gas-turbine plant of 5 megawatt installed capacity or greater. Do not refer to previously reported data in reporting for every such fifth year.

For each of the intermediate years (1976-7-8-9, 1981-2-3-4, etc.) this schedule should be filled in for each such plant as referred to in the preceding paragraph:

(a) Which was constructed, purchased, or leased and placed in operation by the respondent during the year; or
(b) Which was altered during the year—i.e., engines, generators, or other equipment installed, remodeled, removed from service, or otherwise changed; or
(c) Whose capability was modified as a result of plant changes made during the year; or
(d) Which was not previously reported.

Enumerate those plants in which no changes occurred which affect *any* of the data last reported under this schedule and make the following notation for each: "Data for this plant last reported in FPC Form No. 12, 19..., is correct as of December 31 of the herein reported year." Make this reference to such last reported data only in reporting for the intermediate years. Use addendum sheets as necessary.

(1)	Plant Name Williamsport (2)	
A. PLANT LOCATION		
State	Pennsylvania	2
County	Lycoming	3
Post office	Williamsport, PA	4
B. STATION DATA		
Type of station-internal-combustion engine or gas turbine[1]		5
Total installed generator capacity—Maximum name-plate ratings—mw[2]		6
Net plant capability for loads of—	Power Factor ____ Percent[3]	
1. One-hour duration		7
2. Two-hour duration		8
3. Continuous duration		9
Method of operation—automatic (A), semiautomatic (SA), or manual (M)		10
Kind of fuel (gas, gasoline, oil, etc.)		11
Btu content of fuel as fired (give unit of measure) Btu/Gal	136,885	12
Number and capacity of future units provided for in present plant		13
Planned ultimate generating capacity—megawatts		14

C. INSTALLATION DETAILS SEE PAGE 17-1

Number of units

	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	Unit Nos.	
For each unit or group of identical units show the following (if necessary, attach additional sheets):						
Name-plate rating-megavolt-amperes						15
Name-plate rating-megawatts						16
Name-plate rating—power factor						17
Operating speed—revolutions per minute						18
Generator voltage-kilovolts						19
Generator phase and frequency or d. c.						20
Year installed[4]						21
Manufacturer of generator						22
Fuel consumption in Btu per kilowatt-hour at:						
One-half load (megawatts)						23
Three-fourths load (megawatts)						24
Full load (megawatts)						25
Gas turbines:						
Inlet air temperature—degrees F						26
Inlet gas temperature—degrees F						27
Exhaust gas temperature—degrees F						28
Manufacturer of prime-mover						29

[1] If any plant is equipped with both internal-combustion engine and gas-turbine units, each kind should be reported as though it were a separate plant.
[2] Should agree with sum of columns 4 and 5, Schedule 1.
[3] Capability to be based on power factor condition normally to be expected at time of system peak. State power factor in space provided.
[4] If not new when installed, show also by footnote the year equipment was manufactured and the year rebuilt.

INTERNAL-COMBUSTION-ENGINE-AND-GAS-TURBINE PLANT DATA—Continued

D. STATION STEP-UP TRANSFORMERS

Name of Plant Williamsport Name of System Pennsylvania Power & Light

Data are to be furnished for each transformer or group, i.e., one or more banks, of identical transformers, including spares

	Group 1	Group 2	Group 3	Group 4	Group 5	
Number of identical transformers: (a) In service						29
(b) Spare						30
Type: If auto, specify						31
Phase and frequency						32
Capacity of each transformer in mva:						
(a) Normal rating						33
(b) Maximum continuous rating with forced cooling (if installed)						34
Voltage, in kv.: Primary			SEE PAGE 17-1			35
Secondary						36
Tertiary						37
Bank connection (Δ, Y, Y, grounded Y, or other):						
Primary						38
Secondary						39
Tertiary						40
Bank capacity, in mva.: Primary						41
Secondary						42
Tertiary						43

Schedule 8

ITEMIZED ACCOUNTING OF ENERGY TRANSFERS WITH OTHER ELECTRIC UTILITY SYSTEMS AND INDUSTRIAL COMPANIES DURING THE YEAR

GENERAL INSTRUCTIONS

1. In this schedule, give an itemized accounting of all energy transfers to and from the facilities of other systems during the year, including gross sales, purchases, interchanges and transfers for resale, whether on a firm, interchange, or any other basis, and all energy received from industrial companies. Group the entries and show subtotals of energy transfers with (a) private systems; (b) municipal and other publicly owned systems; (c) rural cooperatives; and (d) industrial companies (energy received only). Part A is for recording of "In-Load" and borderline energy transfers as found described in the instructions for Part A on Page 20, and Part B on Page 21 is for the recording of all other energy transfers.

2. In column 1, give the name of the system to which the respondent's system is connected at the transfer point. Where the connecting system merely acts as a carrier for energy intended for other systems, state in footnote the names of the other systems involved.

3. In columns 2 and 3, give the location of transfer points in such a manner that they can be identified on the system maps furnished according to schedule 18. By "transfer point" is meant the point at which the reported amounts of energy were transferred to and from the respondent's system.

4. Energy delivered by respondent's system to customers of another system (sometimes known as "border-line customers"), or vice versa (energy delivered to respondent's customers by another system), should be reported in Part "A" and identified by inserting "border-line" in column 2. Border-line deliveries or receipts, except at individual points where the transfer exceeds 5,000 megawatt-hours, may be shown as a total for each other system instead of by each individual delivery point.

5. In column 4, show the symbol "F" for firm power transfers and the symbol "NF" for transfers other than firm.

6. In columns 5 and 6, report total amounts of energy flow in each direction at each transfer point, i.e., the total amounts "delivered" and the total amounts "received" at each transfer point including energy transferred or displaced through the respondent's facilities for delivery to other systems. Do not report the amounts of energy billed, or net transfers, if they differ from total transfers.

7. Firm power for purposes of this schedule is power which is intended to be continuously available for delivery to the purchaser. Other than firm power is power delivered or received on a "when, as, and if, available" basis.

8. Where there are several points of interconnection with another system, and there is no distinction between firm and other than firm energy at individual transfer points, show the total energy received and delivered at each transfer point in columns 5 and 6, and also show a subtotal of the firm transfers and the other than firm transfers with the other system involved.

9. Subtotals and totals of the combined parts A and B should be carried over to section B of schedule 9.

PART A.—ENERGY DELIVERIES TO SPECIFIED SYSTEMS AND ENERGY TRANSACTIONS WITH BORDER-LINE CUSTOMERS:

(See Page 19 for General Instructions)

1. Show in column 6 the amounts of energy delivered for resale to each class III and class V system.
2. If the respondent's system delivered energy to customers of another system (sometimes known as "border-line customers") such deliveries also should be included in column 6.
3. If customers of respondent received energy directly from another system for the account of the respondent (border-line receipts), such transfers shall be entered in column 5. If part of the energy deliveries to systems specified in instruction 1 and reported in column 6 are received back into the reporting system through another interconnection, such receipts also should be entered in column 5. All other receipts should be entered in column 5, part B, of schedule 8.
4. Energy delivered by respondent's system to "border-line customers," or vice versa (energy delivered to respondent's customers by another system), should be identified by inserting "border-line" in column 2.
5. Indicate by appropriate notes those systems whose full requirements were supplied by respondent.
6. The totals shown on line 40, column 5 and 6, should be carried over to line 13, columns 5 and 6, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate Location or Symbol on Map (3)	Firm (F) or Nonfirm (NF) Transfer (4)	Energy Received (Instruction 3) (Megawatt-hours) (5)	Energy Delivered (Instructions 1 and 2) (Megawatt-hours) (6)	
Private Systems						1
Citizens Electric Co.	(A)Lewisburg,PA	Named	F		108,617	2
Metropolitan Edison Co.	Border Line	Border Line	F	159	18	3 4
Pennsylvania Electric Co.	" "	"	F	128	1,213	5
Philadelphia Electric Co.	" "	"	F	15	18	6
West Penn Power Co.	" "	"	F	59	2,205	7
New York State Electric & Gas Corp.	" "	"	F		349	8 9
Total Private Systems				361	112,420	10 11
						12
Municipal Systems (A)						13
Blakely Borough	Blakely, PA	Named	F		31,575	14
Catawissa Borough	Catawissa, PA	"	F		9,586	15
Duncannon Borough	Duncannon, PA	"	F		6,971	16
Ephrata Borough	Ephrata, PA	"	F		85,142	17
Hatfield Borough	Hatfield, PA	"	F		13,597	18
Lehighton Borough	Lehighton, PA	"	F		34,064	19
Mifflinburg Borough	Mifflinburg, PA	"	F		32,659	20
Olyphant Borough	Olyphant, PA	"	F		26,316	21
Perkasie Borough	Perkasie, PA	"	F		31,556	22
Quakertown, Borough	Quakertown, PA	"	F		85,906	23
St. Clair Borough	St. Clair, PA	"	F		10,291	24
Schuylkill Haven Borough	Schuylkill Haven, PA	"	F		39,734	25 26
Watsontown Borough	Watsontown, PA	"	F		12,862	27
Weatherly Borough	Weatherly, PA	"	F		24,858	28
Total Municipal Systems					445,117	29 30
						31
(A) Full requirements supplied by Respondent.						32 33 34 35 36 37 38 39
Total				361	557,537	40

Schedule 8—Continued

PART B.—OTHER ENERGY TRANSFERS WITH ELECTRIC UTILITY SYSTEMS AND RECEIPTS FROM INDUSTRIAL COMPANIES:

(See Page 19 for General Instructions)

1. Report in column 5 all energy (except that reported in Schedule 8, Part A, column 5) received from other electric utility systems and industrial companies.
2. Report in column 6 the amounts of energy delivered for resale to class I and class II systems which obtained a part of their power supply during the year from their own generating plants. Energy delivered to industrial establishments whould be reported in Schedule 10 and not in this schedule.
3. Show all points of interconnection through which energy transfers (which would properly be included in Part B) could have been made, whether there were any transfers during the year or not. Where no transfers were made the entries in columns 5 and 6 should be zero.
4. The totals shown on line 40, columns 5 and 6, should be carried over to line 13, columns 3 and 4, respectively, of schedule 14.

Name of Other Company or System (1)	Transfer Point (2)	Coordinate Location or Symbol on Map (3)	Firm (F) or Non-firm (NF) Transfer (4)	Energy Received (Instruction 1) (Megawatt-hours) (5)	Energy Delivered (Instruction 2) (Megawatt-hours) (6)	
						1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
(SEE PAGES 21-1, 21-2 ATTACHED)						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
Total						40

Schedule 9

SYSTEM ENERGY ACCOUNTING FOR THE YEAR

(1)	Megawatt-hours Generated and Received (2)	Megawatt-hours Delivered (3)	
A. Net Generation of System Plants (from column 8, line 36, schedule 1)	32,854,050	xxxxxx	1
B. Summary of Energy Transfers With Other Systems: (from schedule 8, part A plus part B):			
(1) Private Systems	1,360,694	9,952,241	2
(2) Municipal and other publicly owned systems		445,117	3
(3) Rural cooperatives		xxxxxx	4
(4) Industrial companies			5
Total (lines 2 to 5, inclusive)	1,360,694	10,397,358	6
C. Net Energy for System (generation, plus energy received, less energy delivered)	23,817,386	xxxxxx	7
D. Total Energy Delivered to Ultimate Consumers[1] (Should agree with line 9, Schedule 10)	21,996,576	xxxxxx	8
E. Transmission and Distribution Losses and Energy Unaccounted for (line 7 minus line 8)[2]	1,820,810	xxxxxx	9

[1] Exclusive of "border line" deliveries to customers of other utilities and inclusive of "border line" receipts from other utilities.
[2] Exclude company and interdepartmental deliveries; such deliveries should be included in Schedule 10.

Schedule 10

ENERGY DELIVERED TO ULTIMATE CONSUMERS

(Exclusive of "border line" deliveries to customers of other utilities)

INSTRUCTIONS

The energy use classifications employed in this schedule are defined or clarified below for those classifications which may not be self-explanatory.

FARM, EXCLUDING IRRIGATION AND DRAINAGE PUMPING.—In order to facilitate reporting this classification of energy, farm may be defined in accordance with respondent's own interpretation. For guidance, the Bureau of the Census' definition of a farm may for the purposes herein be redefined briefly as a tract of land which produces or has the potential for the production of agricultural goods totaling $1,000 or more, annually; the land operated by each tenant, renter, cropper, or manager is considered a separate farm. Respondent should report farms served rather than farm dwellings served in the column for number of customers. Estimates should be furnished for this classification if exact information is not available.

IRRIGATION AND DRAINAGE PUMPING.—Estimates should be furnished for this classification if exact information is not available.

NONFARM-RESIDENTIAL.—Energy supplied for nonfarm-residential and domestic purposes, including cooking and water heating. Where electric energy was supplied through a single meter for both residential and commercial purposes include it in the one or the other, according to its principal use. Exclude energy supplied to farm customers.

ELECTRIFIED TRANSPORTATION.—Energy supplied for the propulsion of cars, locomotives, or coaches. Energy for office buildings, depots, shops, signal lights, etc., should be reported under "Commercial" or "Industrial," as appropriate.

ALL OTHER.—Energy delivered for ultimate consumption that does not fall within any of the specific classifications listed in this schedule. Included in this group should be deliveries for municipal water pumping; oil and gas pipe line pumping; military camps and bases; and public buildings such as schools, police stations, and post offices.

Classification of Energy Delivered to Ultimate Consumers[1] (1)	Number of Customers at End of Year[2] (2)	Megawatt-hours (3)	
Farm, excluding irrigation and drainage pumping	28,077	417,789	1
Irrigation and drainage pumping			2
Nonfarm-residential	853,438	7,621,542	3
Commercial	110,738	5,720,864	4
Industrial	5,892	7,892,623	5
Street and highway lighting	1,325	97,595	6
Electrified transportation	1	86,849	7
All Other (give details, if relatively large)	18	159,314(A)	8
Total Energy Delivered to Ultimate Consumers (should agree with line 8, schedule 9)	999,489	21,996,576	9

(A) Includes 156,629 MWH used by Respondent.

[1] Include company and interdepartmental deliveries in proper use classification.
[2] Report number of farms, residences commercial establishments, etc., and not the number of meters where different.

PART B - OTHER ENERGY TRANSFERS WITH ELECTRIC UTILITY SYSTEMS AND RECEIPTS FROM INDUSTRIAL COMPANIES

Schedule 8 - Continued

Line No.	Name of Other Company or System (1)	Transfer Point (2)
1	Private Systems	
2		
3	Pennsylvania Electric Company	Penn Twp.-Strawbridge, Lycoming County
4		
5	Pennsylvania-New Jersey-Maryland	Pennsylvania-Maryland State Line,
6	Interconnection	York and Lancaster Counties
7		Towamencin Twp., Montgomery County
8		Chapman Sub., Clinton County
9		Juniata Sub., Perry County
10		Pennsylvania-New Jersey State Line,
11		Pike County
12		Durham Township, Bucks County
13		Hosensack Sub., Lehigh County
14		Windsor Twp., York County
15		Hummelstown Sub., Dauphin County
16		Middletown Junction Sub., Dauphin County
17		Upper Mt. Bethel Twp., Northampton
18		County
19		Conewago Twp., York County
20		Cumru Twp., Berks County
21		East Manchester Twp., York County
22		Lower Macungie Twp., Lehigh County
23		Palmer Twp., Northampton County
24		Dauphin Sub., Dauphin County
25		Lackawanna Sub., Lackawanna County
26		Shawnee Sub., Monroe County
27		
28	Safe Harbor Water Power Corp.	Conestoga and Manor Subs., Lancaster
29		County
30		
31	UGI Corp.-Luzerne Electric	Hunlock-Berwick, Stanton-Swoyersville
32	Division	and Wilkes-Barre-Plymouth Lines
33		Mountain-Lackawanna Line, Lackawanna
34		County
35		Mountain-Montour Line, Luzerne County
36		
37	Total Private Systems	
38		
39	Industrial Companies	
40		
41	None	
42		
43		
44		

PART B - OTHER ENERGY TRANSFERS WITH ELECTRIC UTILITY SYSTEMS AND RECEIPTS FROM INDUSTRIAL COMPANIES

Schedule 8 - Continued

Coordinate Location or Symbol on Map (3)	Firm (F) or Nonfirm (NF) Transfer (4)	Energy Received (Instruction 1) (Megawatt-Hours) (5)	Energy Delivered (Instruction 2) (Megawatt-Hours) (6)	Line No.
PN-1	F	None	None	1
BC-1, 2, 3 and 4) PE-1) PN-5) PN-4, ME-13) PS-1) ME-1) ME-2) ME-3) ME-7, 15, 21, 22) ME-8, 9) ME-10) ME-11) ME-12) ME-14) ME-18) ME-19) ME-17) PN-3) ME-20)	NF	967,875	9,798,015	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
SH-1, 2 and 3	F	218,021 (A)	None (A)	27 28 29
UG-1, 2 and 3	NF))			30 31 32
UG-4, (Two Lines)	F/NF))	174,437 (B)	41,806 (B)	33 34
UG-5, (Two Lines)	F/NF)			35 36
		1,360,333	9,839,821	37 38 39 40 41 42 43 44

(A) Excludes 436,035 MWH received from Safe Harbor Water Power Corporation and transmitted to Baltimore Gas and Electric Company.

(B) Excludes 116,990 MWH received from jointly owned Conemaugh SES and transmitted to UGI Corp., Luzerne Electric Division, 433,080 MWH received from Allegheny Power System group and transmitted to UGI Corp.

Schedule 11

ENERGY TRANSFERRED TO OR ACROSS A STATE LINE OR INTERNATIONAL BOUNDARY DURING THE YEAR

1. In this schedule show the amounts of energy flow to or across a State line or international boundary during the year, including energy to and from the respondent's facilities.

2. Report Total amounts of energy so transferred in each direction over each line used. Do not report Net transfers. Where transfers were made over a number of circuits, estimates (noted "Est."), of the amounts transferred may be furnished, if measured quantities are not available.

3. Where the transfers reported were from one System Company to another System Company operating in an adjoining State, these company names should also be given in columns 1 and 3. "System" companies are those listed under item 6-C, page 3.

Transferred From—		Transferred to—		Line Designation		Amount Transferred (Megawatt-hours)	
Company (1)	State (2)	Company (3)		From— (5)	To— (6)	(7)	
Pennsylvania Power & Light Co.	PA	Public Service Elec. & Gas Co.	NJ	Bushkill	Kittatinny 2/	1 471 785	1
Public Service Elec. & Gas Co.	NJ	Pennsylvania Power & Light Co.	PA	Kittatinny 1/	Bushkill	933	2
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Manor	Graceton 4/	5/ 304 540	3
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Graceton 3/	Manor	5/ 220 810	4
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Manor	Conastone 4/	5/ 20 278	5
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Conastone 3/	Manor	5/ 607 938	6
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Conestoga P-5	Perryville 4/	6/ 18 926	7
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Perryville 3/	Conestoga P-5	6/ 1 165	8
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Conestoga P-6	Perryville 4/	6/ 19 609	9
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Perryville 3/	Conestoga P-6	6/ 2 028	10
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Conestoga P-7	Perryville 4/	7/ 37 062	11
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Perryville 3/	Conestoga P-7	7/ 417	12
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Conestoga P-8	Perryville 4/	7/ 38 247	13
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Perryville 3/	Conestoga P-8	7/ 375	14
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Face Rock #1	Five Forks 4/	29 461	15
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Five Forks 3/	Face Rock #1	64 904	16
Pennsylvania Power & Light Co.	PA	Baltimore Gas & Electric Co.	MD	Face Rock #2	Five Forks 4/	34 290	17
Baltimore Gas & Electric Co.	MD	Pennsylvania Power & Light Co.	PA	Five Forks 3/	Face Rock #2	44 823	18
							19
See Page (23-1)							20
							21
							22
							23
							24
							25
							26
							27
							28
							29
							30

PENNSYLVANIA POWER & LIGHT COMPANY

APPLICABLE TO SCHEDULE 11

Notes to Page 23:

1/ Respondent receives energy transferred on this line from Public Service Electric and Gas Company at the Pennsylvania-New Jersey State Line.

2/ Respondent delivers energy transferred on this line to Public Service Electric and Gas Company at the Pennsylvania-New Jersey State Line.

3/ Respondent receives energy transferred on this line from Baltimore Gas and Electric Company at the Pennsylvania-Maryland State Line.

4/ Respondent delivers energy transferred on this line to Baltimore Gas and Electric Company at the Pennsylvania-Maryland State Line.

5/ Amount shown is actual energy flow metered at Manor.

6/ Amount shown is actual energy metered at Perryville.

7/ Amount shown is actual energy metered at Conestoga.

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Schedule 19

SUMMER AND WINTER PEAK MONTH AND CALENDAR YEAR LOAD ESTIMATES

1. Furnish estimates of system's power requirements for the summer and winter month during which the seasonal peak load occurs on the same basis as schedule 14, columns 9, 10, and 13.
2. Furnish estimates of the system's power requirements for the next four calendar years on the same basis as schedule 14, columns 9, 10, and 13.
3. Include under "Remarks" a brief discussion of the major factors affecting power requirements which were considered in making the estimates.

(1)	Month of Peak (2)	Net Energy for Load (Gwh) (3)	Peak Load (Megawatts) (4)	Load Factor (Percent) (5)	
Seasonal peak month data:					
1981					
Summer	August	2 001	4 042	66.5	1
Winter 1981-82	January	2 690	5 007	72.2	2
1982					
Summer	August	2 088	4 154	67.6	3
Winter 1982-83	January	2 789	5 173	72.5	4
1983					
Summer	August	2 152	4 227	68.4	5
Winter 1983-84	January	2 891	5 360	72.5	6
1984					
Summer	August	2 216	4 370	68.2	7
Winter 1984-85	January	2 984	5 556	72.2	8
Calendar year data:					
1981	January	25 038	4 945	57.8	9
1982	January	26 131	5 007	59.6	10
1983	January	27 012	5 173	59.6	11
1984	January	27 969	5 360	59.4	12

Remarks:

Forecast is composed of 1) PP&L Planned Objective (10/80)
2) UGI-Our supply to them.

ATTESTATION

The foregoing statement must be attested by a responsible engineer or executive officer of respondent, or of one of respondents where a consolidated statement is filed, qualified and duly authorized to prepare or supervise the preparation of the statement and to certify its accuracy, completeness and truthfulness.

Attest:

I am Senior Vice President, System Power & Engineering **of**

(Title of Office or Position)

Pennsylvania Power & Light Company

(Name of Respondent or of one of Respondents)

and _____ **of**

(Title of Any Office or Position; or "Agent")

_____

(Name of Any other Respondents)

_____

I am qualified by training and experience and am charged with responsibility for, and have (~~prepared~~ supervised the preparation of) **(Strike one) the foregoing statement and as such an officer or employee and agent of respondent(s) certify that the foregoing statement is based upon, and is as full and complete as can be supplied from the records of respondent(s) and that the statement is true and accurate, to the best of my knowledge and belief.**

(Signed) Harley L. Collins

(Signature of Attestor)

Harley L. Collins

(Name, Typewritten or Printed)

Senior Vice President
System Power & Engineering

(Title of Attestor)

April 27, 1981

(Date)

☆U.S. GOVERNMENT PRINTING OFFICE: 1981 — 341-065/78

Schedule 13

DEMAND ON GENERATING PLANTS, POWER RECEIVED, AND POWER DELIVERED, FOR RESALE, AT THE TIME OF SYSTEM PEAK LOAD OF THE YEAR

1. This schedule and schedules 14 and 15 are intended to show the load characteristics of the respondent's system in a form that avoids duplication with similar data for other systems. For this purpose the respondent's "system load" for any 60-minute clock-hour interval is defined as being equal to the aggregate of the energy supplied during that interval:

(a) To ultimate consumers of the respondent;
(b) To the systems listed in schedule 8 Part A, i.e., to class III and class V systems;
(c) To other departments of the respondent; and, for transmission and distribution losses and energy unaccounted for on the respondent's system; and, for the respondent's electric utility operations (exclusive of plant use).

Note that the system load as here defined does not include the demands of other class I and class II systems whose power requirements during the year were not wholly supplied by the respondent's system, i.e., which obtained a part of their requirements from their own generating facilities or from sources other than the respondent's system. Deliveries to such systems, listed in "D" below, must be excluded in order to avoid duplication.

2. Class I and class II systems should furnish the information requested below for the 60-minute clock-hour interval during which the system peak load of the year occurred.

3. All of the demand data called for in this schedule should show integrated megawatt demands for the 60-minute clock-hour interval during which the system peak load of the year occurred. Where integrated demands for 60-minute clock-hour interval are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, demand data should be furnished in the form available.

4. Estimated quantities (noted "Est.") should be furnished where measured data are not available.

	Integrated Demand—megawatts (at time of system peak) Demand interval 60 Min.	
Date and hour of system peak load of year Monday, December 22, 1980 9A-10A		
A. Combined net demand on system generating plants (from col. 11, line 36, schedule 1)	5 478	1
B. Itemized accounting of power received from other systems and industrial companies, except "border-line" receipts entered on line 40, schedule 8 part A.		
Name of other system		
		2
		3
Safe Harbor Water Power Corporation	49	4
		5
		6
		7
		8
		9
		10
Total of lines 2 to 10, inclusive	49	11
C. Demand on generating plants plus power received (line 1 plus line 11)	5 527	12
D. Itemized accounting of power delivered to other systems for resale, except to those listed in schedule 8 part A		
Name of other system		
		13
Pennsylvania-New Jersey-Maryland Interconnection	1 059	14
U.G.I. Corporation, Luzerne Electric Division	43	15
		16
		17
		18
		19
		20
		21
Total of lines 13 to 21, inclusive	1 102	22
E. System peak load of the year (C minus D). This entry should agree with the peak load of the year as shown in schedule 14, using the same demand interval	4 425	23

Schedule 14

NET GENERATION, ENERGY RECEIVED AND DELIVERED, AND SYSTEM PEAKS BY MONTHS FOR THE YEAR

1. In column 2, show the total net generation of system plants by months for the year. The entry on line 13 of this column should agree with the entry on line 36, column 8, of schedule 1.

2. In columns 3, 4, 5 and 6, show the monthly distribution of the energy transfers reported in schedule 8, parts A and B. The totals shown on line 13 should agree with the totals reported in schedule 8.

3. In column 8 the entry on line 26 should agree with the entry on line 7 of schedule 9.

4. In column 10, show the maximum megawatt load on the system for each month of the year. Load data in this column should be the maximum integrated demand of the energy tabulated in column 9 for 60-minute clock-hour intervals. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate such intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available. The entry on line 26 of column 10 should agree with the entry on line 23 of schedule 13.

Month	System Net Generation (Megawatt-hours)	ENERGY TRANSFERS FROM SCHEDULE 8				
		Part B (Page 21)		Part A (Page 20)		
		Received (Col. 5) (Megawatt-hours)	Delivered (Col. 6) (Megawatt-hours)	Received (Col. 5) (Megawatt-hours)	Delivered (Col. 6) (Megawatt-hours)	
(1)	(2)	(3)	(4)	(5)	(6)	
Jan.	3,290,033	115,697	1,014,885	33	53,998	1
Feb.	2,840,158	75,802	613,778	44	51,701	2
Mar.	2,765,401	86,803	611,418	32	53,909	3
Apr.	2,447,550	96,589	694,644	21	45,331	4
May	2,367,855	100,394	699,811	16	39,657	5
June	2,782,590	52,086	1,088,921	21	39,202	6
July	2,949,343	100,094	1,155,167	28	40,550	7
Aug.	2,911,586	128,218	1,053,786	29	46,573	8
Sept.	2,513,936	177,179	873,374	37	44,187	9
Oct.	2,407,576	140,237	618,624	28	42,248	10
Nov.	2,602,179	126,537	667,584	31	47,278	11
Dec.	2,975,843	160,697	747,829	41	52,903	12
Total	32,854,050	1,360,333	9,839,821	361	557,537	13

Month	Net Energy for System (Col. 2 plus col. 3 minus col. 4 plus col. 5 minus col. 6) (Megawatt-hours)	LOAD DATA					
		Net Energy for Load (Col. 2 plus col. 3 minus col. 4) (Megawatt-hours)	Peak Load — Demand interval 60 Minutes			Load Factor[1] (From cols. 9 and 10) (Percent)	
			(Megawatts)[1]	(Date)	Clock-hour ending)		
(7)	(8)	(9)	(10)	(11)	(12)	(13)	
Jan.	2,336,880	2,390,845	4,230	30th	10A	76.0	14
Feb.	2,250,525	2,302,182	4,400	1st	9A	75.2	15
Mar.	2,186,909	2,240,786	4,347	3rd	9A	69.3	16
Apr.	1,804,185	1,849,495	3,534	14th	12N	72.8(A)	17
May	1,728,797	1,768,438	3,229	12th	11A	73.6	18
June	1,706,574	1,745,755	3,452	27th	2P	70.2	19
July	1,853,748	1,894,270	3,905	21st	1P	65.2	20
Aug.	1,939,474	1,986,018	3,747	8th	2P	71.2	21
Sept.	1,773,591	1,817,741	3,946	2nd	2P	64.0	22
Oct.	1,886,969	1,929,189	3,455	30th	10A	74.9(B)	23
Nov.	2,013,885	2,061,132	3,919	18th	6P	73.0	24
Dec.	2,335,849	2,388,711	4,425	22nd	10A	72.6	25
Year	23,817,386	24,374,562	4,425	12/22	10A	62.7	26

Report Minimum Hourly Load Experienced During the Month

Month	(Megawatts)	Month	(Megawatts)	
(14)	(15)	(16)	(17)	
Jan.	2,171	July	1,478	27
Feb.	2,050	Aug.	1,533	28
Mar.	1,845	Sept.	1,561	29
Apr.	1,666	Oct.	1,578	30
May	1,386	Nov.	1,779	31
June	1,464	Dec.	1,944	32

Percent load factor = $\frac{\text{Net energy for load (Col. 9)} \times 100}{\text{Peak load (Col. 10)} \times \text{hours in month (or yr)}}$

Calculate the load factor to the nearest tenth of one percent. If hours used in calculating the load factor for a month differ from the calendar hours in that month, report the number of hours used in calculating the load factor.

(A) - 719 hours

(B) - 745 hours

Schedule 15

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Load data should be furnished by all class I systems. Class II systems may omit this schedule unless otherwise instructed.

1. Show the 60-minute integrated megawatt demand for each clock-hour of the days specified in this schedule, determined (as for the peak hour in schedule 13) from coincident demands as follows:
   (a) Combined net demand on all system generating plants.
   (b) Plus: Power received from other systems and industrial companies listed in schedule 8, part B, column 5.
   (c) Minus: Power delivered, for resale, to each class I and class II system that obtained a part of its power supply during the year from its own generating facilities or from systems other than the respondent's. These systems are listed in schedule 8, part B, column 6.
   (d) Total net demand for load data (a) plus (b) minus (c).

Note that power delivered by the respondent to another class III or class V system is included in the respondent's system load for purposes of this schedule.

2. Where integrated demands for 60-minute clock-hour intervals are not available, it is desired that available data be adjusted to approximate the integrated demand for 60-minute clock-hour intervals. Adjustments made should be explained in footnotes. Where such adjustments cannot be made, load data should be furnished in the form available.

3. The loads represented by the demands to be entered in this schedule will, in accordance with instruction 1, include the sales for resale to systems listed in schedule 8, part A.

4. State whether the system operates on Eastern, Central, Mountain, or Pacific time. Eastern

5. If the system operated on daylight-saving time during the year, give beginning and ending dates of the daylight-saving period Sunday, April 27, 1980 to Sunday, October 26, 1980

6. If any of the reported data are given in daylight-saving time, indicate which readings are so given Sunday, August 3, 1980 to Saturday, August 9, 1980

7. If unusual conditions (storms, floods, industrial disturbances, etc.) greatly affected the system load characteristics during any of the specified weeks, describe such influences briefly on an addenda sheet and give the dates affected.

Schedule 15

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Demand Interval 60 minutes

Time Interval (1)	INTEGRATED DEMAND IN MEGAWATTS — First Full Week of April Starting With Sunday (Indicate dates)							
	Sunday (2)	Monday (3)	Tuesday (4)	Wednesday (5)	Thursday (6)	Friday (7)	Saturday (8)	
Midnight	4/6	4/7	4/8	4/9	4/10	4/11	4/12	
12-1	1 999	1 835	2 115	2 143	2 086	2 133	2 064	1
1-2	1 924	1 799	1 998	2 011	1 992	2 106	1 981	2
2-3	1 824	1 791	2 011	1 980	1 958	2 013	1 942	3
3-4	1 870	1 815	1 958	1 931	1 967	2 011	1 905	4
4-5	1 907	1 839	1 938	1 966	2 015	2 096	1 926	5
5-6	1 921	2 014	2 178	2 134	2 174	2 206	1 942	6
6-7	1 971	2 310	2 557	2 467	2 524	2 586	2 046	7
7-8	2 075	2 722	2 986	2 946	2 944	3 030	2 267	8
8-9	2 225	2 939	3 141	3 156	3 144	3 149	2 449	9
9-10	2 221	3 028	3 207	3 163	3 126	3 134	2 521	10
10-11	2 167	3 080	3 193	3 222	3 137	3 171	2 551	11
11-12	2 130	3 030	3 085	3 207	3 118	3 070	2 475	12
Noon								
12-1	2 060	2 915	3 026	3 096	3 034	2 980	2 404	13
1-2	1 938	2 889	3 095	3 114	3 033	3 027	2 357	14
2-3	1 836	2 818	2 986	3 037	2 998	2 955	2 319	15
3-4	1 809	2 750	2 948	2 976	2 927	2 842	2 345	16
4-5	1 829	2 810	3 026	3 022	2 954	2 838	2 446	17
5-6	1 856	2 822	3 015	2 930	2 935	2 801	2 443	18
6-7	2 004	2 896	3 050	2 953	3 036	2 868	2 530	19
7-8	2 166	3 007	3 061	3 068	3 091	2 926	2 533	20
8-9	2 191	2 820	2 981	2 943	3 016	2 867	2 435	21
9-10	2 102	2 758	2 785	2 780	2 834	2 688	2 331	22
10-11	2 051	2 504	2 518	2 571	2 576	2 480	2 162	23
11-12	2 027	2 253	2 334	2 311	2 327	2 292	1 943	24
Total mw-hrs	48 103	61 444	65 192	65 127	64 946	64 269	54 317	25

Note—In order that systems may collect data in advance, the same weeks in the following year will be selected for schedule 15.

Schedule 15

SYSTEM LOAD DATA FOR SPECIFIED WEEKS

Demand Interval . . . . . 60 minutes

Time Interval	INTEGRATED DEMAND IN MEGAWATTS						
	First Full Week of August Starting With Sunday (Indicate dates)						
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Midnight	8/3	8/4	8/5	8/6	8/7	8/8	8/9	
12-1	1 941	2 077	2 431	2 457	2 358	2 436	2 426	1
1- 2	1 800	1 962	2 296	2 328	2 176	2 282	2 264	2
2- 3	1 745	1 908	2 201	2 215	2 124	2 192	2 163	3
3- 4	1 702	1 859	2 134	2 197	2 068	2 114	2 095	4
4- 5	1 677	1 858	2 099	2 182	2 005	2 123	2 062	5
5- 6	1 656	1 958	2 227	2 237	2 141	2 222	2 057	6
6- 7	1 664	2 225	2 448	2 457	2 346	2 404	2 090	7
7- 8	1 785	2 705	2 893	2 932	2 773	2 844	2 286	8
8- 9	1 971	3 071	3 205	3 190	3 101	3 177	2 570	9
9-10	2 145	3 312	3 419	3 381	3 305	3 370	2 792	10
10-11	2 312	3 506	3 614	3 518	3 471	3 518	2 949	11
11-12	2 438	3 583	3 657	3 538	3 537	3 586	3 006	12
Noon								
12- 1	2 462	3 553	3 698	3 571	3 575	3 613	2 990	13
1- 2	2 430	3 604	3 724	3 603	3 641	3 747	2 969	14
2- 3	2 406	3 711	3 729	3 580	3 594	3 747	2 936	15
3- 4	2 420	3 438	3 735	3 518	3 615	3 676	2 926	16
4- 5	2 453	3 584	3 746	3 578	3 626	3 644	2 966	17
5- 6	2 458	3 503	3 672	3 523	3 551	3 557	2 976	18
6- 7	2 436	3 361	3 567	3 373	3 470	3 436	2 923	19
7- 8	2 379	3 244	3 369	3 219	3 311	3 306	2 800	20
8- 9	2 446	3 300	3 296	3 239	3 307	3 303	2 848	21
9-10	2 543	3 259	3 270	3 179	3 296	3 205	2 776	22
10-11	2 429	2 978	3 033	2 886	3 027	2 963	2 571	23
11-12	2 275	2 677	2 764	2 592	2 719	2 674	2 366	24
Total mw hrs.	51 973	70 236	74 227	72 493	72 137	73 139	62 807	25

	First Full Week of December Starting With Sunday (Indicate dates)						
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Midnight	12/7	12/8	12/9	12/10	12/11	12/12	12/13	
12- 1	2 195	2 134	2 070	2 358	2 577	2 739	2 559	26
1- 2	2 115	2 033	1 992	2 244	2 599	2 647	2 430	27
2- 3	2 077	2 014	1 980	2 246	2 414	2 614	2 317	28
3- 4	2 001	2 033	1 944	2 208	2 430	2 613	2 338	29
4- 5	2 042	2 048	1 993	2 271	2 502	2 626	2 363	30
5- 6	2 046	2 171	2 170	2 480	2 698	2 796	2 424	31
6- 7	2 117	2 658	2 632	2 886	3 190	3 249	2 565	32
7- 8	2 244	3 174	3 109	3 390	3 700	3 717	2 771	33
8- 9	2 463	3 346	3 254	3 543	3 793	3 885	2 974	34
9-10	2 538	3 379	3 315	3 576	3 788	3 946	3 094	35
10-11	2 578	3 375	3 384	3 606	3 804	3 875	3 096	36
11-12	2 642	3 274	3 299	3 526	3 672	3 857	3 015	37
Noon								
12- 1	2 649	3 195	3 301	3 481	3 615	3 753	2 956	38
1- 2	2 535	3 165	3 334	3 474	3 632	3 746	2 854	39
2- 3	2 449	3 067	3 308	3 390	3 533	3 729	2 819	40
3- 4	2 452	3 033	3 320	3 426	3 566	3 599	2 852	41
4- 5	2 591	3 195	3 547	3 580	3 769	3 727	3 085	42
5- 6	2 735	3 308	3 584	3 663	3 916	3 846	3 224	43
6- 7	2 731	3 206	3 431	3 608	3 838	3 726	3 265	44
7- 8	2 669	3 176	3 392	3 530	3 789	3 616	3 140	45
8- 9	2 602	3 028	3 280	3 401	3 727	3 452	3 096	46
9-10	2 538	2 874	3 143	3 304	3 560	3 292	3 020	47
10-11	2 334	2 598	2 849	3 048	3 193	3 064	2 926	48
11-12	2 240	2 286	2 566	2 747	2 981	2 765	2 657	49
Total mw hrs.	57 583	67 770	70 197	74 986	80 286	80 879	67 840	50

Schedule 16

SYSTEM DEPENDABLE AND ASSURED CAPACITY

INSTRUCTIONS

1. (a). Show as the dependable capacity of the system fuel plants that capacity which can be relied upon to be available for active or standby service at the usual time of the annual system peak. Allowance should be made for any maintenance outage of equipment which MUST be scheduled during the usual time of the annual system peak, giving an explanation under "Remarks." In the space under "Remarks" show what part of the dependable system fuel capacity is suitable only for short-time operation or standby service.

1. (b). The dependable capacity of system conventional hydro plants, as defined for Schedule 16, relates to the capacity which under the most adverse flow conditions of record can be relied upon to carry system load, provide dependable reserve capacity, and meet firm power obligations, taking into account seasonal variations and other characteristics of the load to be supplied and of the firm power obligations. Some systems may be able to utilize off-peak energy from other systems so as to increase the dependable capacity of the reporting system conventional hydro plants. Where consideration is given to the off-peak energy which can be secured from others, an explanation of the amount and conditions governing the receipt of such energy should be given. In cases where the stream-flow records indicate that the most adverse flows are not likely to occur except at long intervals of time and are likely to be of very short duration, the figures used in determining the capacity available from conventional hydro plants may be modified, treating such abnormal limitations as an emergency condition to be covered by the reserve capacity. Such modifications should be fully explained. Full consideration should be given to data reported in Schedule 2 for adverse flow conditions in computing the annual dependable system conventional hydro capacity.

1. (c). The dependable capacity of system pumped storage plants, as defined for Schedule 16, is that capacity which can be relied upon to carry system load or provide dependable reserve capacity at the usual time of annual system peak taking into account such factors as limitations in plant capability due to reservoir drawdown, the energy equivalent of storage in the upper reservoir, and the available pumping energy on a daily or weekly pumping cycle. For plants with both conventional and pumped storage facilities, the conventional and pumped storage portions of dependable capacity should be reported in items 1 (b) and 1 (c), respectively.

2. Show the amount of firm power which is intended to be available at the usual time of the annual system peak *from* utilities, industries, or others. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. DO NOT INCLUDE POWER WHICH MIGHT BE AVAILABLE UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND IF" ARRANGEMENTS. It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figures to be reported.

3. Show the amount of firm power committed or obligated which is intended to be available at the usual time of the respondent's system peak *to* other systems. Show amount stated in contract; if it is not a single, definite, fixed amount, explain under "Remarks" or on a separate sheet. DO NOT INCLUDE OBLIGATIONS UNDER INTERCHANGE, EMERGENCY, OR "WHEN, AS, AND "IF" ARRANGEMENTS. It is desired that corresponding items reported be in agreement as between the affected companies. It is, therefore, suggested that the companies concerned agree upon the figures to be reported.

5. (a). Show the total amount of reserve capacity, regardless of the source, considered necessary to maintain adequate service at the usual time of the annual system peak, without regard to the relation of net assured capacity to system peak. In general, the largest reduction in dependable capacity which might result from an outage of a generator or boiler unit determines the minimum reserve capacity required. Where unusual conditions obtain, explain fully in the space under "Remarks."

5. (b). Show that portion of the total required reserve capacity which is relied upon to be available at the usual time of system peak under interchange, emergency, or similar agreements with others. In the space under "Remarks" show in detail the sources of this capacity and state what portion is (1) spinning reserve instantly available; (2) available during times of maintenance and inspection; (3) available upon short notice; and (4) length of time available.

5. (c). Show in the space provided for "Remarks" whether the reserve capacity required to be supplied by own plants is available wholly from fuel plants or wholly from hydroelectric plants or a combination of both, and state the length of time this capacity could be depended upon in case of system outages. Some systems having storage hydro may be limited as to the magnitude of load that can be carried by the amount of potential energy available under adverse stream flow conditions. Such systems may have excess peaking capacity, some portion of which can be considered as dependable reserve capacity, provided sufficient energy is held in storage to take care of possible system outages during the critical period. Such capacity should be included in item 1 (b) with full explanation under "Remarks."

If a considerable amount of energy is normally received from or delivered to others (exclusive of deliveries to systems listed in Schedule 8, Part A) under interchange, emergency, or "When, as, and if" arrangements and such transfers are expected to continue, give a brief description under "Remarks." Where firm power obligations or purchases vary in the amount of capacity that is available for any specific period of time or have limitations as to the amount of energy available, full explanation should be given under "Remarks." Use additional sheets for remarks if necessary.

Remarks:

Schedule 16—Continued

SYSTEM DEPENDABLE AND ASSURED CAPACITY

A. CAPACITY AT END OF YEAR COVERED BY THIS REPORT.

Assuming a continuance of the relative seasonal and hourly variations of load that occurred during the year of this report[1], show in item 6, as derived below, what MAXIMUM ANNUAL SYSTEM LOAD could be carried with the system facilities and arrangements for the purchase or sale of firm power as they existed at the end of year covered by this report with allowance for reserve capacity theoretically required. (See detailed instructions on page 28.)

	Megawatts	Megawatts
1. Net dependable capacity available for the year ended December 31, 1980:		
(a) System fuel plants (exclusive of capacity required for station use)	6 324	
(b) System conventional hydro plants	146	
(c) System pumped storage plants	0	
(d) Subtotal (a) plus (b) plus (c)		6 470
2. Capacity available from firm purchases:		
From: PJM Interconnection Diversity Entitlement	129	
Safe Harbor Water Power Corporation (See Page 29-1)	76	
Total		205
3. Firm obligations to systems listed in schedule 8, part B:		
To:		
Total		0
4. Net dependable capacity plus net purchases (1 (d) plus 2 minus 3)		6 675
5. Reserve capacity required (exclusive of reserve for load growth):		
(a) Total reserve for system	941	
(b) Available through interchange or emergency agreements[2]	0	
(c) Reserve capacity required to be supplied by own system (a) minus (b)		941
6. Net assured system capacity (4 minus 5 (c))		5 734

B. FUTURE CHANGES IN CAPACITY.

1. List below all *SCHEDULED* alterations, additions, or retirements in system generating plants, and changes in firm power contracts with other systems.

Description of Change (Give plant name, type of plant and location where applicable) (1)	Date (Month—Year) Start (2)	Date (Month—Year) Completion (3)	Contract Change or Name-Plate Rating (Megawatts) (4)	Effect in megawatts on— Net dependable capacity (5)	Effect in megawatts on— Reserve capacity (6)	Effect in megawatts on— Net assured capacity (7)
See Page 29-2						

2. In addition to the *SCHEDULED* items in B-1 above, list below all *NON-SCHEDULED* generating capacity being considered for installation to meet estimated loads reported in schedule 19.

Give type of plant and approximate Location, if known (1)	Name-Plate Rating of Unit (Megawatts) (2)	Number of Units (3)	Estimated Dates— Start Construction (4)	Estimated Dates— In Service (5)

[1] If the seasonal and hourly variations in load are expected to change materially from those experienced during the year of this report, the information given may be based on the expected load shape, explaining in a footnote.
[2] List each source of capacity and the amount available, as specified in instruction 4 (b) on page 28.

PENNSYLVANIA POWER & LIGHT COMPANY

APPLICABLE TO SCHEDULE 16A

Notes to Schedule 16, Section A:

(1) Item 1(a) - Capacity suitable for two hour duration only - 73000 KW less on a continuous basis.

(2) Item 2(a) - is nominal supply from Safe Harbor Water Power Corporation under Pennsylvania Power & Light Company Rate Schedule F.P.C. No. 19.

(3) Item 5(a) - Reserve Requirement of "Pennsylvania Power and Light Company Group" comprised of Respondent and UGI Corporation - Luzerne Electric Division. The latter's portion of the requirement is shown in Item 5(b).

(4) Respondent's system is operated as part of the Pennsylvania-New Jersey-Maryland Interconnection (PP&L Co. Rate Schedule F.P.C. No. 21). Under that arrangement the Respondent's agreement with the UGI Corporation-Luzerne Electric Division, the parties make available to each other at any time their generating capacity in excess of their own system requirements.

PENNSYLVANIA POWER & LIGHT COMPANY

APPLICABLE TO SCHEDULE 16B

B. Future Changes in Capacity

Scheduled alterations, additions or retirements.

1	2	3	4	5	Reserve Capacity 6	Net Assured Capacity 7	
Susquehanna N.E.S., Berwick, PA							
Unit No. 1	11/73	3/82	1152	1050	0	1050	(A)
Unit No. 2	11/73	6/83	1152	1050	0	1050	(A)

(A) In January 1978, Respondent sold 10 percent undivided interest in the Susquehanna units to Allegheny Electric Cooperative, Inc., resulting in Respondent's share of the capacity of each of the units being 945 mw.

Schedule 17

DISTRIBUTION OF SYSTEM LOAD IN SERVICE AREA

INSTRUCTIONS

1. Information is desired regarding the distribution of the system load as entered in columns 9 and 10, schedule 14, within the territory served by the system. This information should be furnished on the basis used by respondent in maintaining load distribution data, such as by primary substations, operating divisions, communities, metropolitan areas, industrial areas, or other areas, in which the annual energy consumption was 10,000 megawatt-hours or greater.
2. A sketch map showing the location and the approximate boundary of each of these areas, together with identification symbols, also should be furnished, or may be shown on maps submitted under schedule 18.

(A) Designation of Area (Primary substation, operating division, or community) (1)	Map Symbol (2)	Annual Energy Provided for the Area (B) Total (Megawatt-hours) (3)	Estimated Distribution—Percent: Farm (4)	Nonfarm-Residential (5)	Commercial (6)	Industrial (7)	Other (8)	"In Loads" (Sch. 8-A) (9)	Losses (10)	Actual or Estimated Peak Demand of Area During the Year (Megawatts) (11)	Date of Peak (12)	Annual Load Factor (13)	
Lehigh		5,468,459	0.66	30.12	20.22	48.03	0.97						1
Central		2,805,467	1.31	38.82	27.47	31.43	0.97						2
Susquehanna		2,821,632	3.29	32.91	24.15	35.79	3.86						3
Harrisburg		4,371,610	1.65	32.43	32.06	33.27	0.59						4
Lancaster		3,826,012	3.70	34.86	23.27	35.33	2.84						5
Northern		2,703,396	1.41	44.59	32.23	21.03	0.74						6
													7
Total		21,996,576	1.90	34.65	26.01	35.88	1.56			4,425	12/22	62.7	8
													9
													10
													11
(A) By operating divisions — see Service Area map under Schedule 18.													12
													13
(B) Annual energy provided for the area represents energy delivered to ultimate customers (including													14
interdepartmental sales of 2,262 MWH) plus 156,629 MWH used by Respondent. It excludes losses,													15
unaccounted for energy and border line deliveries, but includes border line receipts.													16
													17
													18
													19
													20
													21
													22
													23
													24
													25
													26
													27
													28

Schedule 18

SYSTEM MAPS AND DIAGRAMS

Attach to each of three copies of the power system statement one print each of the following:

(a) System map (or maps) showing geographical location of generating stations, electric power lines, switching stations, substations, and points of interconnection with other electric utility systems and with industrial plants having generating capacity of one megawatt or more.
(b) Single-Line schematic switching diagram (or diagrams) showing the electrical connections of lines and facilities outlined in (a) above.
(c) General Characteristics of facilities.

All as more specifically outlined below:

1. Maps and diagrams should show all lines and the substations supplied therefrom, operating at voltages of 69 kv. and above, except radial and low capacity distribution circuits in metropolitan areas.
2. In general, system maps or diagrams or both should be of such scale as to be easily read and should show: (a) Location and name of all generating plants and of those substations and switching stations specified in (1) and (3); (b) names of communities served by respondent; (c) location and name of each interconnection with other utility systems; (d) location and nominal voltage of each high voltage line of 69 kv. and above or any other line regardless of voltage which constitutes the tie line between generating stations or from generating stations to high voltage systems of 22 kv. or above, including frequency and number of phases where other than 60 cycle or 3 phase.
3. Substations and switching stations in the following classes, together with facilities for supply from the main system, should be shown on both the map and diagram even though the voltage of the supply lines may be below 69 kv.
   (a) Principal substations and switching stations within metropolitan areas.
   (b) Substations and switching stations connecting with other utility systems or to industrial plants having generating capacity of 1 mw or more (connections for minor "border-line deliveries" need not be shown).
4. The following information should be shown on single-line schematic diagram or on supplemental tabulation for substations and switching stations specified in (1) and (3) above and for generating plants of 1 mw capacity or greater:
   (a) Connections of major electrical equipment such as generators, conversion equipment, main and auxiliary buses, circuit breakers, disconnecting switches (other than for instrument transformers), power transformers (specify Δ, V, Y, or Y grounded, etc.), voltage regulators, phase shifters, high voltage lines of 69kv, and above.
   (b) Principal connections from generating stations and principal substations (regardless of voltage).
   (c) Nominal voltage of buses and equipment.
   *(d) Continuous mva. rating of rotating equipment, transformers (normal and with forced cooling where installed), rectifiers, condensers, and voltage regulators.

   Meter, control and house circuits need not be shown. Characteristics of station step-up transformers given in schedules 4, 5, and 7 need not be repeated to comply with this instruction.
5. The following information should be shown for high voltage, tie and substation supply lines:
   (a) Number of circuits installed (if space for additional circuits, so note).
   (b) Operating voltage (and design voltage if different).
   (c) Length of right-of-way between terminal points.
   (d) Type of construction, i.e., overhead, underground or submarine cable.
   **(e) Type of structure, i.e., steel tower, wood H-frame, steel or wood pole and equivalent spacing of conductors.
   (f) Conductor material and size.
6. *Material furnished under this schedule shall carry the notation "Correct as of December 31, 1980" (or a later date), and be initialed by a responsible employee of respondent.*
7. Existing maps and switching diagrams prepared for administrative purposes, load dispatching, or other operating uses, supplemented by such ink or color notations or tabulations as required, may be furnished.
8. If system maps, single-line diagrams and supplemental tabulations previously furnished meet the detailed requirements outlined above and are wholly correct as of the close of the year of this report, such information need not be repeated, but a notation should be made as to the accuracy and year submitted, as follows: Maps, diagrams, and tabulations submitted with FPC Form No. . . . ., for the year 19. . . ., correct as of December 31 of the year herein reported.

*Need not be furnished for substations of total rating less than 3 mw.
**Need not be furnished for lines under 69 kv. if the maximum transmission voltage of the system is greater than 115 kv.

Distribution diagrams will be provided upon request.

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TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Transmission lines below these voltages may be reported in group totals only for each voltage.

2. Transmission lines include such lines as come within the definition of transmission system plant as given in the Uniform System of Accounts. Substation costs and expenses are not to be included in the costs and expenses reported in this schedule.

3. Data may be reported by individual lines for all voltages if so required by a State commission.

4. Exclude from this schedule any transmission lines for which plant costs are included in Account 121, Nonutility Property.

5. The type of supporting structure reported in column (e) should indicate whether (1) single pole, wood or steel; (2) H-frame, wood or steel poles, (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines in the schedule. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.

Line No.	DESIGNATION From (a)	DESIGNATION To (b)	VOLTAGE* Operating (c)	VOLTAGE* Designed (d)	Type of supporting structure (e)	LENGTH (pole miles)** On structures of line designated (f)	LENGTH (pole miles)** On structures of another line (g)	Number of circuits (h)
1	Alburtis	Branchburg #5016(F)	500	500	Steel Tower	20.87		1
2	Brunner Island	Peach Bottom	500	500	Steel Tower	3.91		1
3	Brunner Island	Three Mile Island	500	500	Steel Tower	6.19		1
4			500	500	Steel Tower	1.05		1
5	Conemaugh	Conastone #5013(F)	500	500	Steel Tower	-	-	-
6	Conemaugh	Juniata #5005(F)	500	500	Steel Tower	15.91		1
7	Juniata	Alburtis #5009 (F)	500	500	Steel Tower	26.26		1
8	Juniata	Peach Bottom						
9		#5008(F)	500	500	Steel Tower	16.80		1
10	Keystone	Juniata #5004(F)	500	500	Steel Tower	15.92		1
11								
12	Total 500 KV Construction					106.91		
13								
14	Alburtis	Hosensack	230	500	Steel Tower	4.18		1
15					Steel Tower	.21		1
16					Steel Pole	.16		1
17					Wood Pole	.20		1
18	Blooming Grove	Peckville	230	230	Steel Tower	29.26		1
19					Wood Pole	.09		1
20	Brunner Island	Middletown Jct. #1	230	230	Steel Tower	5.52		1
21					Steel Tower	.54		1
22	Brunner Island	Middletown Jct. #2	230	230	Steel Tower	.57	4.95	1
23					Steel Tower	.54		1
24	Brunner Island	South Manheim	230	230	Steel Tower	17.23		1
25					Steel Tower	.53		1
26					Steel Pole	.16		1
27					Steel Pole	.54		1
28	Brunner Island	W. Hempfield-PP&L	230	230	Steel Tower	2.10		1
29					Steel Tower	.53		1
30					Steel Pole	.15	.15	1
31	Brunner Island	W. Hempfield-PWP	230	230	Steel Tower	11.50		1
32	Brunner Island	West Shore	230	230	Steel Tower	16.36		1
33	Brunner Island	Yorkanna	230	230	Steel Tower		.64	1
34	Bushkill	Blooming Grove	230	230	Steel Tower	21.67		1
35					Wood Pole	.11		1
36					TOTAL			

* Where other than 60 cycle, 3 phase, so indicate

** In the case of underground lines, report circuit miles

TRANSMISSION LINE STATISTICS (Continued)

6. Report in columns (f) and (g) the total pole miles of each transmission line. It is intended that column (f) shall show the pole miles of line on structures the cost of which is reported for the line designated, and, conversely, that column (g) shall show the pole miles of line on structures the cost of which is reported for another line. Pole miles of line on leased or partly owned structures shall be reported in column (g) with appropriate designation and footnote explaining the basis of such occupancy and stating whether expenses with respect to such structures are included in the expenses reported for the line designated.

7. Transmission line structures which also support a line of lower voltage should be included with the line of higher voltage. Designate if such is not the case with respect to any transmission line reported in this schedule. Transmission line structures which also support a line of the same voltage should be included with the line most appropriate. The pole miles of such structures for the line in which included should be reported in column (f) and for the other line in column (g).

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of lease, and amount of rent for year. For any transmission line, other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars as to such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the line, and how the expenses borne by the respondent are accounted for and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of lessee, date and terms of lease, annual rent for year and how determined. Specify whether lessee is an associated company.

10. The plant cost figures called for in columns (j) to (l) should be the book cost at end of year.

Size of Conductor and Material (i)		COST OF LINE			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
		Land * (j)	Construction and other costs (k)	Total cost (l)	Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	
2,493	(A)	$ 778,183	$ 2,856,344	$ 3,634,527	$	$ 69,739	$ 3,388	$ 73,127	1
2,493	(A)	294,199	1,790,781	2,084,980		20,915		20,915	2
2,493	(A)	239,853	4,688,750	4,928,603					3
2,505	(A)								4
2,493	(A)	57,120	367,844	424,964	857	378	215	1,450	5
2,493	(A)	168,278	1,870,957	2,039,235		7,321		7,321	6
2,493	(A)	555,730	3,242,911	3,798,641	Included in Alburtis to Branchburg #5016(F)				7
									8
2,493	(A)	337,924	1,967,466	2,305,390					9
2,493	(A)	168,358	1,850,046	2,018,404					10
									11
		2,599,645	18,635,099	21,234,744	857	98,353	3,603	102,813	12
									13
2,493	(A)	273,416	1,217,441	1,480,857		7,519		7,519	14
1,590	(B)								15
1,590	(B)								16
1,590	(B)								17
795	(B)	338,323	1,505,533	1,843,856		37,638	200	37,838	18
795	(B)								19
1,033.5	(B)	65,904	883,147	949,051	Included with Brunner Island to				20
1,113	(B)				W. Hempfield PWP and				21
1,033.5	(B)	65,904	397,495	463,399	W. Hempfield to Manor #2-PP&L				22
1,113	(B)								23
1,033.5	(B)	404,069	1,698,443	2,102,512	Included with W. Hempfield to Manor #2-PP&L				24
1,113	(B)								25
1,590	(D)								26
2,493	(E)								27
1,033.5	(B)	1,152	513,449	514,601	Included with W. Hempfield to Manor #2-PP&L				28
1,113	(B)								29
1,033.5	(B)								30
795	(B)	204,562	329,146	533,708		90,103		90,103	31
1,033.5	(B)	289,632	1,094,633	1,384,265		5,533	70	5,603	32
1,033.5	(B)	100	17,157	17,257					33
795	(B)	108,454	702,213	810,667	Included in Blooming Grove to Peckville				34
795	(B)								35
									36

*Includes land, land rights, and clearing right-of-way.

TRANSMISSION LINE STATISTICS (Continued)

Line No.	DESIGNATION From (a)	DESIGNATION To (b)	VOLTAGE* Operating (c)	VOLTAGE* Designed (d)	Type of supporting structure (e)	LENGTH (pole miles) On structures of line designated (f)	LENGTH (pole miles) On structures of another line (g)	Number of circuits (h)
1	Cumberland	West Shore	230	230	Steel Tower	11.65		1
2					Steel Pole		.09	1
3	Elimsport	Lycoming #1	230	230	Steel Pole	.23		1
4					Steel Pole	.08		1
5					Steel Tower	3.53		1
6					Steel Tower	.32		1
7	Elimsport	Lycoming #2	230	230	Steel Pole	.09	3.85	1
8					Steel Pole	.09		1
9					Wood Pole	.12		1
10	Elimsport	Lycoming #3	230	230	Steel Tower	3.85		1
11					Steel Pole	.10		1
12					Steel Pole	.14		1
13	Frackville	Columbia	230	500	Steel Tower	25.82		1
14			230	230	Steel Pole	.04		1
15					Wood Pole	.78		1
16	Hosensack	Buxmont	230	230	Steel Tower	11.28		1
17					Wood Pole	.09		1
18					Steel Pole	4.36		1
19	Hosensack	Quarry	230	500	Steel Tower	19.90		1
20					Steel Tower	2.19		1
21	Hosensack	Wescosville	230	230	Steel Tower	9.56		1
22					Wood Pole	.15		1
23					Steel Pole	.06		1
24	Hummelstown	Middletown Jct. #1	230	230	Steel Tower	7.00		1
25	Hummelstown	N. Hershey	230	230	Steel Pole	.16		1
26					Steel Tower	3.20		1
27	Jenkins	Stanton	230	230	Steel Tower	8.54		1
28	Juniata	Cumberland	230	230	Steel Tower	14.02		1
29					Steel Pole	.09		1
30	Juniata	Sunbury	230	500	Steel Tower	37.63		1
31					Steel Tower	.10		1
32					Steel Pole	.16		1
33					Wood Pole	.37		1
34	Lackawanna	Peckville #3	230	230	Steel Pole	.40		1
35					Wood Pole	2.57		1
36	Lewistown	Juniata	230	230	Steel Tower	.92		2
37	Manor	South Akron	230	230	Steel Tower	25.22		1
38	Martins Creek	Kittatinny (G)	230	230	Wood Pole	.04		1
39					Steel Pole	.39	.46	1
40					Steel Tower	1.05	14.55	1
41					Steel Tower	25.71		1
42	Martins Creek	Northwood	230	230	Steel Pole	.20		1
43					Steel Pole		.29	1
44					Steel Tower		10.76	1
45	Martins Creek	Portland	230	500	Steel Tower	3.98		1
46					Steel Pole	.51		1
47	Martins Creek	Quarry #2	230	230	Steel Pole	.41		1
48					Steel Tower	14.61		1
49					Steel Pole	6.02		1
50	Martins Creek	Siegfried #1	230	500	Steel Tower	22.25		1
51					Steel Tower	.64		1
52					Steel Pole	.65		1
53	Martins Creek	Siegfried #2	230	230	Steel Tower	10.62		1
54					Steel Tower	14.85		1
55					Steel Pole	.07		1
56					Steel Pole	.56		1

TRANSMISSION LINE STATISTICS (Continued)

Size of Conductor and Material (g)	COST OF LINE (omit cents) Land (i)	Construction and other costs (k)	Total cost (l)	EXPENSES, EXCEPT DEPRECIATION AND TAXES (omit cents) Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	Line No.
1,033.5 (B)	$ 202,162	$ 682,692	$ 884,854	$ 33	$	$	$ 33	1
1,590 (B)								2
1,590 (B)	63,859	436,709	500,568		7,010	722	7,732	3
795 (B)								4
795 (B)								5
1,033.5 (B)								6
1,033.5 (B)	2,830	228,864	231,694		51,274		51,274	7
1,590 (B)								8
1,590 (B)								9
1,033.5 (B)	42,438	679,878	722,316					10
1,033.5 (B)								11
1,590 (B)								12
2,493 (A)	1,499,546	4,954,811	6,454,357		36,267		36,267	13
1,590 (B)								14
1,590 (B)								15
795 (B)	261,438	989,529	1,250,967		179,432		179,432	16
795 (B)								17
1,590 (B)								18
2,493 (A)	959,290	5,456,557	6,415,847	37	18,319		18,356	19
1,590 (B)								20
795 (B)	70,931	371,313	442,244	Included in Siegfried to Wescosville				21
795 (B)								22
795 (B)								23
795 (B)	75,215	357,339	432,554		24,622	115	24,737	24
1,590 (B)	28,414	462,695	491,109	637		100	737	25
1,590 (B)								26
1,590 (B)	148,603	1,435,094	1,583,697		100,259		100,259	27
1,033.5 (B)	186,564	854,929	1,041,493	Included in Cumberland to West Shore				28
1,590 (B)								29
2,493 (A)	625,136	4,931,986	5,557,122		26,118	225	26,343	30
1,590 (B)								31
1,590 (B)								32
1,590 (B)								33
1,590 (B)	13,850	229,367	243,217	349			349	34
1,033.5 (B)								35
1,033.5 (B)	9,162	95,981	105,143					36
1,033.5 (B)	653,585	2,795,239	3,448,824					37
1,590 (B)	189,659	1,474,768	1,664,427		19,664	20	19,684	38
1,590 (B)								39
1,590 (B)								40
795 (B)								41
1,590 (B)	207,531	281,584	489,115	240	16,150	200	16,590	42
1,590 (B)								43
1,033.5 (B)								44
2,493 (A)	133,414	978,036	1,111,450		686		686	45
1,590 (A)								46
1,590 (B)	609,184	2,375,881	2,985,065	Included in Martins Creek to Northwood				47
1,033.5 (B)								48
1,033.5 (B)								49
2,493 (B)	663,134	4,825,059	5,488,193	161,087	10,569		171,656	50
1,590 (B)								51
1,590 (B)								52
795 (B)	210,717	2,434,318	2,645,035	Included in Martins Creek to Siegfried #1				53
1,590 (B)								54
795 (B)								55
1,590 (B)								56

TRANSMISSION LINE STATISTICS (Continued)

Line No.	DESIGNATION From (a)	DESIGNATION To (b)	VOLTAGE* Operating (c)	VOLTAGE* Designed (d)	Type of supporting structure (e)	LENGTH (pole miles) On structures of line designated (f)	LENGTH (pole miles) On structures of another line (g)	Number of circuits (h)
1	Montour	Columbia	230	500	Steel Tower	9.26		1
2			230	230	Steel Pole	.19	.85	1
3	Montour	Elimsport	230	230	Steel Tower	14.48		1
4					Steel Pole	7.75		1
5	Montour	Mountain (I)	230	230	Steel Pole	2.50		2
6	Montour	Sunbury	230	230	Steel Tower	10.29		2
7					Steel Tower	10.79		1
8					Steel Pole	1.85		1
9	Montour	Susquehanna (J)	230	230	Steel Tower	27.84		2
10					Steel Pole	3.24		2
11					Steel Pole	2.20		2
12	Quarry	Northwood	230	230	Steel Pole	.53	5.11	1
13					Steel Tower		4.28	1
14	Safe Harbor-Manor	Conastone (H)	230	230	Steel Tower	18.06		1
15	Safe Harbor-Manor	Graceton (H)	230	230	Steel Tower	14.98		1
16	Siegfried	East Palmerton (I)	230	230	Steel Tower	.71	7.90	1
17	Siegfried	Frackville	230	230	Steel Tower	39.79	.84	1
18	Siegfried	Harwood	230	230	Steel Pole	.42		1
19					Steel Tower	37.00		1
20	Siegfried	Wescosville	230	500	Steel Tower	8.49		1
21					Steel Pole	.12		1
22					"H" Frame	3.49		1
23	South Akron	Berks	230	500	Steel Tower	7.18		1
24			230	500	Steel Pole	.14		1
25			230	500	Steel Pole	.06		1
26			230	230	Steel Pole	.32		1
27			230	230	Steel Pole	12.52		1
28	South Manheim	South Akron #4	230	230	Steel Tower	11.21		1
29					Steel Pole	.10	.05	1
30					Steel Pole	.53		1
31	South Reading	Berks	230	500	Steel Tower		7.18	1
32			230	500	Steel Pole	.08	.07	1
33			230	500	Steel Pole	.05		1
34			230	230	Steel Pole	.26	.06	1
35			230	230	Steel Tower	9.63		1
36	Stanton	Lackawanna	230	230	Steel Tower	13.36		2
37	Steelton Tap		230	230	Steel Tower	1.12		1
38					Wood Pole	5.43		1
39					Wood Pole	.11		1
40					Wood Pole	.10		1
41	Sunbury	Elimsport	230	230	Steel Tower	25.23		1
42					Steel Pole	.35		1
43					Steel Pole	.09		1
44	Sunbury	Frackville #3	230	230	Steel Tower	36.69		1
45	Sunbury	Susquehanna #1	230	230	Steel Tower	43.80		1
46					Steel Pole	.14		1
47	Susquehanna	East Palmerton (I)	230	230	Steel Pole	.52		1
48					Steel Pole	.92		1
49					Steel Tower		13.12	1
50					Steel Tower		28.64	1
51	Susquehanna	Harwood	230	230	Steel Tower	12.39		1
52					Steel Pole	.50		1
53	Susquehanna	Jenkins	230	230	Steel Tower	26.11		1
54					Steel Pole	.29		1
55								

TRANSMISSION LINE STATISTICS (Continued)

Size of Conductor and Material (kcmil)		COST OF LINE (omit cents) Land and rights (j)	Construction and other costs (k)	Total cost (l)	EXPENSES, EXCEPT DEPRECIATION AND TAXES (omit cents) Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	Line No.
2,493	(A)	$ 445,408	$ 1,723,866	$ 2,169,274	) Included in Frackville to Columbia				1
1,590	(B)								2
1,590	(B)	644,686	2,913,219	3,557,905	) Included in Elimsport to Lycoming #2				3
1,590	(B)								4
1,590	(D)	68,614	1,332,682	1,401,296		57,108	525	57,633	5
1,033.5	(B)	484,208	2,909,760	3,393,968		7,360	1,235	8,595	6
1,590	(B)								7
1,590	(B)								8
1,590	(B)	1,040,592	4,929,824	5,970,416	) Included in Montour to Mountain				9
1,590	(B)								10
1,590	(C)								11
1,033.5	(B)	401,653	237,170	638,823	) Included in Martins Creek to Northwood				12
1,033.5	(B)								13
795	(B)	251,048	510,555	761,603		4,768	2,215	6,983	14
795	(B)	168,643	457,942	626,585		8,233	2,215	10,448	15
1,590	(B)	16,696	734,090	750,786	Included in Siegfried to Harwood				16
795	(B)	284,154	1,479,810	1,763,964		8,223		8,223	17
1,590	(B)	1,535,361	4,505,351	6,040,712		35,389	2,653	38,042	18
1,590	(B)								19
2,493	(A)	171,516	3,310,244	3,481,760		99,683	255	99,938	20
1,590	(B)								21
2,493	(A)								22
2,493	(A)	701,808	3,250,314	3,952,122		33,218	25	33,243	23
2,493	(A)								24
2,493	(B)								25
1,590	(B)								26
1,033.5	(B)								27
1,033.5	(B)	368,676	1,049,484	1,418,160	) Included in W. Hempfield to Manor #2-PP&L				28
1,590	(D)								29
2,493	(E)								30
2,493	(A)	267,495	1,227,565	1,495,060	) Included in South Akron to Berks				31
2,493	(A)								32
2,493	(B)								33
1,590	(B)								34
1,033.5	(B)								35
1,590	(B)	582,219	3,032,367	3,614,586	) Included in Jenkins to Stanton				36
1,108.6	(B)	310,770	545,195	855,965					37
1,108.6	(B)								38
1,590	(B)								39
795	(B)								40
795	(B)	255,422	1,107,987	1,363,409	) Included in Elimsport to Lycoming #1				41
795	(B)								42
1,590	(B)								43
795	(B)	248,802	1,663,127	1,911,929		58,301	2,340	60,641	44
1,033.5	(B)	145,078	2,459,594	2,604,672		57,840	3,905	61,745	45
1,590	(B)								46
1,113	(C)	21,716	2,944,426	2,966,142	) Included in Siegfried to Harwood				47
1,590	(B)								48
1,113	(C)								49
1,590	(B)								50
1,113	(C)	295,908	1,741,173	2,037,081		(811)	670	(141)	51
1,113	(C)								52
1,033.5	(B)	740,848	1,994,906	2,735,754	) Included in Sunbury to Susquehanna #1				53
1,590	(B)								54
									55

TRANSMISSION LINE STATISTICS (Continued)

Line No.	DESIGNATION From (a)	To (b)	VOLTAGE* Operating (c)	Designed (d)	Type of supporting structure (e)	LENGTH (pole miles) On structures of line designated (f)	On structures of another line (g)	Number of circuits (h)
1	Susquehanna	Stanton (#1)	230	230	Steel Tower	9.80)		2
2					Steel Pole	2.50)		2
3					Steel Pole	.45)		1
4	Susquehanna	Stanton (#2) (I)	230	500	Steel Pole		2.40	1
5					Steel Tower		.23	1
6					Steel Pole "H" Fr	30.24		1
7	Wallenpaupack Tap		230	230	Steel Tower	.09		1
8	W. Hempfield	Manor #2-PP&L (K)	230	230	Steel Tower	.08)		1
9					Steel Pole	.12)		1
10	W. Hempfield	Manor #2 - PWP	230	230	Steel Tower	8.79		1
11	West Shore	Steelton	230	230	Steel Pole	2.81)		1
12					Wood Pole	9.44)		1
13					Wood Pole	.09)		1
14	Whirpain	Buxmour (F)	230	230	Steel Tower	7.73)		1
15					Steel Pole	.09)	4.32	1
16								
17	Total 230 KV Construction					904.96	110.79	
18								
19	Expenses common to all transmission lines							
20	Grand Total Transmission Lines							
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

(A) MCM ACAR Bundled.
(B) MCM ACSR.
(C) KCMIL SSAC.
(D) KCMIL ACSR.
(E) KCMIL ACAR
(F) Pennsylvania Power & Light Company portion only, length of line is that within Company's service area.
(G) To Pennsylvania - New Jersey State Line only.
(H) To Pennsylvania - Maryland State Line only.
(I) Line cost based on estimate.
(J) 2.2 Miles of line cost based on estimate.
(K) Original Pennsylvania Power & Light Company portion only.

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
East Texas	1	25,000	66.0	12.0	-				
East Tomhicken	1	2,500	66.0	23.0	-				
Edella	2	10,000	66.0	12.0	-				
Egypt	2	25,000	66.0	12.0	-				
Elizabethtown	2	10,000	66.0	12.0	-				
Elizabethville	3	2,500	66.0	12.0	-				
Elliott Heights	1	20,000	66.0	12.0	-				
Elliott Heights	1	25,000	66.0	12.0	-				
Emmaus	2	10,000	66.0	12.0	-				
Engleside	2	25,000	66.0	12.0	-				
Enola	2	20,000	66.0	12.0	-				
Exchange	2	3,750	66.0	12.0	-				
Exeter	2	15,000	66.0	12.0	-				
Eynon	1	25,000	66.0	12.0	-				
Face Rock	2	75,000	110.0	66.0	12.0				
Fairfield	1	25,000	66.0	12.0	-				
Fairview	1	25,000	66.0	12.0	-				
Farmersville	2	25,000	66.0	12.0	-				
Faxon	2	10,000	66.0	12.0	-				
Ferndale	1	5,000	66.0	23.0	-				
Fishbach	2	20,000	66.0	12.0	-				
Fishbach (7)	1	41,000	12.0	66.0	-				
Flemington	2	5,000	66.0	12.0	-				
Flegelsville	2	10,000	66.0	12.0	-				
Fountain Springs	2	3,750	66.0	12.0	-				
Frackville	3	150,000	230.0	66.0	12.0				
Frailey	1	7,500	66.0	23.0	-				
Franconia	1	25,000	66.0	12.0	-				
Freeland	2	5,000	66.0	12.0	-				
Freemansburg	1	50,000	110.0	66.0	-				
Freemansburg	2	20,000	66.0	12.0	-				
Georgetown	2	34,000	66.0	12.0	-				
Gilbert	2	10,000	66.0	12.0	-				
Girard Manor	1	1,500	66.0	12.0	-				
Gildsboro	2	2,500	66.0	12.0	-				
Given City	2	2,500	66.0	12.0	-				

Note: 1 - 7500 Sleet Melter Transformer

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Catasauqua	2	34,000	138.0	12.0	-				
Cedar	2	20,000	66.0	12.0	-				
Central Allentown	2	25,000	66.0	12.0	-				
Centralia	1	2,000	66.0	4.0	-				
Chapman	1	20,000	230.0	12.0	-				
Cherry Hill	2	10,000	66.0	12.0	-				
Christmans Pumping	1	1,500	66.0	2.3	-				
Christmans Pumping	2	2,500	66.0	12.0	-				
Cocalico	2	25,000	66.0	12.0	-				
Colonial Park	2	25,000	66.0	12.0	-				
Columbia (2)	2	150,000	230.0	66.0	12.0				
Conemaugh (3)	2	930,000	22.0	303.1/525.0	-				
Conestoga (4)	4	20,000	13.0	132.0	-				
Coopersburg	2	10,000	66.0	12.0	-				
Crackersport	2	25,000	66.0	12.0	-				
Cressona	2	10,000	66.0	12.0	-				
Cumberland (2)	1	150,000	230.0	66.0	12.0				
Dalmatia	2	5,000	66.0	12.0	-				
Danville	2	25,000	66.0	12.0	-				
Dauphin (2)	2	150,000	230.0	66.0	12.0				
Derry	1	10,000	66.0	12.0	-				
Dillerville	2	25,000	66.0	12.0	-				
Donegal	1	5,000	66.0	12.0	-				
Donegal	2	25,000	66.0	12.0	-				
Donerville	2	10,000	66.0	12.0	-				
Dorneyville	1	25,000	66.0	12.0	-				
Duke	2	10,000	66.0	12.0	-				
Earl	2	20,000	66.0	12.0	-				
East Allentown	2	34,000	138.0	12.0	-				
East Carbondale	2	25,000	66.0	12.0	-				
East Elizabethtown	2	10,000	66.0	12.0	-				
East Greenville	1	20,000	66.0	12.0	-				
East Hazleton	2	25,000	66.0	12.0	-				
East Lancaster	2	25,000	66.0	12.0	-				
East Palmerton (2)	2	150,000	230.0	66.0	12.0				
East Petersburg	2	10,000	66.0	12.0	-				

SCHEDULE 18 (Cont'd)

SUBSTATIONS - 66 kV AND ABOVE TRANSFORMERS, CONVERSION, FREQUENCY CHANGING AND CONDENSING EQUIPMENT

YEAR ENDING DECEMBER 31, 1980

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Alburtis	1	650,000	500.0	230.0	13.8				
Allentown	3	34,000	138.0	12.0	-				
Allentown (7)	1	68,000	12.0/12.0	138.0	-		Note: (Split Primary)		
Altamont	2	10,000	66.0	12.0	-				
Ashfield	2	10,000	66.0	12.0	-				
Atglen	2	3,750	66.0	12.0	-				
Auburn	2	2,500	66.0	12.0	-				
Avoca	2	25,000	66.0	12.0	-				
Bear Creek	1	6,500	66.0	12.0	-				
Bear Creek	1	7,000	66.0	12.0	-				
Bear Gap	2	2,500	66.0	12.0	-				
Beavertown	2	10,000	66.0	12.0	-				
Bellmont	1	25,000	66.0	12.0	-				
Benvenue	2	5,000	66.0	12.0	-				
Berks (2)	2	150,000	230.0	66.0	12.0				
Berwick	2	25,000	66.0	12.0	-				
Berwick	2	1,500	66.0	4.0	-				
Blooming Glen	2	10,000	66.0	12.0	-				
Blooming Grove	2	75,000	230.0	66.0	12.0				
Bloomsburg	2	25,000	66.0	12.0	-				
Blytheburn	2	10,000	66.0	12.0	-				
Bohemia	2	5,000	66.0	12.0	-				
Brookside	2	10,000	66.0	12.0	-				
Brunner Island (3)	1	335,000	17.3	230.0	-				
Brunner Island (3)	1	400,000	17.3	230.0	-				
Brunner Island (3)	1	810,000	22.8	230.0	-				
Buck	2	5,000	66.0	12.0	-				
Buxmont (2)	2	150,000	230.0	66.0	12.0				
Canadensis	2	5,000	66.0	12.0	-				
Carlisle	2	25,000	66.0	12.0	-				
Cass	3	2,500	66.0	23.0	-				

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 23.0 kV - 300 kVA AND ABOVE						
Old Forge	No. 3	23.0	Delta	4.0	Y-Gr.	
Peckville	No. 1	23.0	Delta	4.0	Y-Gr.	
Peckville		23.0	Y-Gr.	4.0	Delta	Grounding Bank
Pittston	No. 2	23.0	Delta	4.0	Y-Gr.	Tap changer under load
Providence	No. 2	23.0	Delta	4.0	Y-Gr.	
Roaring Brook		23.0	Delta	4.0	Y-Gr.	Tap changer under load
Scranton Sewage		23.0	Delta	12.0	Y-Gr.	
Shamokin Filler		23.0	Delta	0.440	Delta	
South Side	No. 2	23.0	Delta	4.0	Y-Gr.	Tap changer under load
Stearns		23.0	Delta	0.480	Delta	
Stearns Service Co.		23.0	Delta	0.480	Delta	
Stroudsburg	No. 3	23.0	Y-Gr.	12.0	Y-Gr.	
Suburban	No. 3	23.0	Delta	4.0	Y-Gr.	Used as a second 4 kV source at present
Swanee No. 2		23.0	Delta	0.480	Delta	
Taylor		23.0	Delta	4.0	Y-Gr.	Tap changer under load
Tremont		23.0	Y-Gr.	12.0	Y-Gr.	(Auto. - Transf.)
Tuscarora		23.0	Delta	4.0	Y-Gr.	
Valley Asphalt Inc.		23.0	Delta	0.480	Delta	
Visqueen		23.0	Delta	0.480	Delta	
West Fern Glen		23.0	Y-Gr.	12.0	Y-Gr.	
West Pittston	No. 1	23.0	Delta	4.0	Y-Gr.	Tap changer under load
Zerbe		23.0	Delta	0.480	Delta	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV (Cont'd)						
Williamsport	No. 5	66.0	Y-Gr.	12.0	Delta	
Williamstown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Windsor	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Woolrich	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Wright	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Wyomissing	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Yatesville	No. 2	66.0	Delta	12.0	Y-Gr.	
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 23.0 kV - 300 kVA AND ABOVE						
Adelphia		23.0	Delta	0.480	Delta	
Cass		23.0	Y-Gr.	2.3	Delta	(Grounding Bank)
Central City	No. 1 & 2	23.0	Delta	4.0	Y-Gr.	Tap changer under load
Fidler		23.0	Delta	0.480	Delta	
Gar Let		23.0	Delta	0.240	Delta	
Graver Service Corp.		23.0	Delta	0.480	Delta	
Grove		23.0	Delta	4.0	Y-Gr.	
Hatter		23.0	Open Delta	0.480	Open Delta	
Integrity		23.0	Delta	0.480	Delta	
Jermyn	No. 1 & 2	23.0	Delta	4.0	Y-Gr.	
Lackawanna River Basin Sew. Auth.		23.0	Delta	0.480	Delta	
Lackawanna Vo-Tech North		23.0	Delta	12.0	Delta	
Lasko		23.0	Delta	0.480	Delta	
Live Oaks No. 2		23.0	Delta	0.240	Delta	
Low. Lack. Val. Sanitary Auth.		23.0	Delta	0.480	Delta	
Manbeck Westwood		23.0	Delta	0.480	Delta	
Maurer		23.0	Delta	0.480	Delta	
Meridan		23.0	Delta	4.0	Y-Gr.	
Mid Valley		23.0	Delta	4.0	Y-Gr.	
Minersville		23.0	Delta	4.0	Y-Gr.	
Minooka	No. 1	23.0	Delta	4.0	Y-Gr.	
Mt. Jessup		23.0	Delta	4.0	Y-Gr.	
Old Forge	No. 1	23.0	Delta	4.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
annersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
erre Hill	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
hompsontown		66.0	Delta	12.0	Y-Gr.	
hroop	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
inker	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
reichlers	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
rexlertown	No. 1	66.0	Delta	12.0	Y-Gr.	
win Lakes	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
per Hanover	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
almont	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
rden		66.0	Delta	12.0	Y-Gr.	
gners	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
lker	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
llenpaupack	No. 2	66.0	Y-Gr.	12.0	Delta	
lnut	No. 1, 2, 3 & 4	66.0	Delta	12.0	Y-Gr.	
kefield	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
rwick	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
tson	No. 1	66.0	Delta	12.0	Y-Gr.	
issport	No. 1	66.0	Delta	12.0	Y-Gr.	
rnersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
rtzville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Allentown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Berwick	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Bloomsburg	No. 1	66.0	Delta	12.0	Y-Gr.	
st Carlisle	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Damascus	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
stgate	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Lancaster	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st New Holland	No. 1	66.0	Delta	12.0	Y-Gr.	
t Shore	No. 3	66.0	Y-Gr.	12.0	Delta	
t Williamsport	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
t Willow	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
te Haven	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
te Hill	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
kes-Barre	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
liamsport	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
eidersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
elinsgrove	No. 1	66.0	Delta	12.0	Y-Gr.	
ellersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
hamokin	No. 1 & 2	66.0	Delta	4.0	Y-Gr.	
henandoah	No. 1	66.0	Delta	12.0	Y-Gr.	
hermansdale	No. 1	66.0	Delta	12.0	Y-Gr.	
hillington	No. 1	66.0	Delta	12.0	Y-Gr.	
outh Akron	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Allentown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Hershey	No. 1 & 2	66.0	Delta	13.2	Y-Gr.	
outh Manheim	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Middleburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Milton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Slatington	No. 3 & 4	66.0	Delta	12.0	Y-Gr.	
outh Whitehall	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
outh Wilkes Barre	No. 1	66.0	Delta	12.0	Y-Gr.	
outh Williamsport	No. 1	66.0	Delta	12.0	Y-Gr.	
pangler	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
porting Hill	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
pring	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
tate Hill	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
trasburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
oudsburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
uburban	No. 1	66.0	Y-Gr.	23.0	Delta	4.0 Y-Gr. Tertiary
uburban	No. 7A & 7B	66.0	Delta	23.0	Y-Gr.	Three winding transformer 12.0 kV Delta Tertiary
uburban Yard 2	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
ullivan Trail	No. 1	66.0	Delta	23.0	Y-Gr.	
ullivan Trail	No. 2	66.0	Delta	12.0	Y-Gr.	
ummerdale	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
umner	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
unbury	CTG	66.0	Y-Gr.	12.0	Delta	
unbury	No. 1 & 2	66.0	Y-Gr.	13.8	Delta	
atara	No. 1	66.0	Delta	12.0	Y-Gr.	
ffton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
manend	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Olivetti		66.0	Delta	12.0	Y-Gr.	(Owned by Service Dev. Co., A Subsidiary of PP&L and Leased to Olivetti)
Orwigsburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Palmerton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Paxton	No. 3 & 4	66.0	Delta	12.0	Y-Gr.	
Peckville	No. 2	66.0	Y-Gr.	23.0	Delta	
Peckville	No. 3	66.0	Delta	23.0	Y-Gr.	
Peckville	No. 6	66.0	Delta	4.0	Y-Gr.	
Penns	No. 1	66.0	Delta	12.0	Y-Gr.	
Pennsboro	No. 2	66.0	Delta	12.0	Y-Gr.	
Pine Grove	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Pine Ridge	No. 1	66.0	Delta	12.0	Y-Gr.	
Pocono Farms	No. 1	66.0	Delta	12.0	Y-Gr.	
Point	No. 1	66.0	Delta	12.0	Y-Gr.	
Port Carbon	No. 1	66.0	Delta	12.0	Y-Gr.	
Prince	No. 1, 2 & 3	66.0	Delta	12.0	Y-Gr.	
Providence	No. 1	66.0	Delta	23.0	Y-Gr.	
Providence	No. 1	66.0	Delta	12.0	Y-Gr.	
Quarryville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Reed	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Renovo		66.0	Delta	12.0	Y-Gr.	
Richfield	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Richland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
River	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Rockville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Rohrerstown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Rohrsburg	No. 1, 2 & 3	66.0	Delta	12.0	Y-Gr.	
Rosemont	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Roseville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Rossmoyne	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Rutherford	No. 2	66.0	Delta	12.0	Y-Gr.	
Saint Johns	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Salisbury	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Scott	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Schnecksville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Scranton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Middleton	No. 1	66.0	Delta	12.0	Y-Gr.	
Milford	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Millersburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Millersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Millville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Minooka	No. 2	66.0	Delta	23.0	Y-Gr.	
Minooka	No. 3	66.0	Delta	12.0	Y-Gr.	
Minsi Trail	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Montgomery	No. 2	66.0	Delta	12.0	Y-Gr.	
Montour Pump		66.0	Delta	4.0	Y-Gr.	
Montoursville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Morgan	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Morgantown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Moscow	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Allen	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Bethel	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Carmel	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Joy	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Nebo	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Pocono	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mt. Rock	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mowry	No. 1, 2 & 3	66.0	Delta	12.0	Y-Gr.	
Muncy	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Neffsville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
New Columbia	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Newfoundland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Newport	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Northampton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
North Bethlehem	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
North Columbia	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
North Harrisburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
North Manheim	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
North Stroudsburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Northumberland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Oberlin	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Old Forge	No. 2	66.0	Delta	23.0	Y-Gr.	

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	CONNECTION	LOW SIDE WINDING kV	CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Kenmar	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Keyser Avenue	No. 2	66.0	Delta	12.0	Y-Gr.	
Kinzer	No. 1	66.0	Delta	12.0	Y-Gr.	
Lackawanna		66.0	Delta	12.0	Y-Gr.	Station Service
Lake Harmony	No. 1	66.0	Delta	12.0	Y-Gr.	
Lake Naomi	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lakeville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lanark	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Landisville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Larrys Creek	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Laurel Pumping		66.0	Y-Gr.	2.3	Delta	
Laurelton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lavino	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lawnton	No. 3 & 4	66.0	Delta	12.0	Y-Gr.	
Leola	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Limestone	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lincoln	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Linden	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Linglestown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lititz	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lock Haven	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lock Haven		66.0	Y-Gr.	12.0	Delta	
Loganton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Lykens	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Macada	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Macungie	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Madisonville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mahanoy City	No. 1	66.0	Delta	12.0	Y-Gr.	
Manor (RCP)		66.0	Y-Gr.	12.0	Delta	
		66.0	Delta	12.0	Y-Gr.	
Marlin	No. 1	66.0	Delta	12.0	Y-Gr.	
Martins Creek	No. 1	66.0	Y-Gr.	18.0	Delta	
Martins Creek	CTG Trans.	66.0	Y-Gr.	12.0/12.0	Delta	Dual Winding Transformer
McAllisterville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mechanicsburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Meckesville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Mickleys	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Girard Manor		66.0	Delta	12.0	Y-Gr.	
Gouldsboro		66.0	Delta	12.0	Y-Gr.	
Gowen City		66.0	Delta	12.0	Y-Gr.	
Greenfield	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Greenland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Green Park	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Greenwood	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Halifax	No. 1	66.0	Delta	12.0	Y-Gr.	
Hammermill	No. 1 & 2	66.0	Delta	2.4	Delta	
Hamilton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Harleigh	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Harrisburg	No. 1, 2 & 3	66.0	Delta	12.0	Y-Gr.	
Harrisburg	No. 5	66.0	Y-Gr.	12.0/12.0	Delta	Split Primary
Hartland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Harwood	No. 1 & 3	66.0	Delta	12.0	Y-Gr.	
Harwood	No. 2	66.0	Y-Gr.	12.0	Delta	
Hatfield	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hauto	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Heidelberg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hegins	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hemlock	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hempfield	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hepburn	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hershey	No. 1 & 2	66.0	Delta	13.2	Y-Gr.	
Hershey Chocolate	No. 1 & 2	66.0	Delta	13.2	Y-Gr.	
Hickory Run	No. 1	66.0	Delta	12.0	Y-Gr.	
Holtwood	No. 11 & 12	66.0	Y-Gr.	13.2	Delta	
Holtwood	No. 13 & 14	66.0	Y-Gr.	13.2	Delta	
Holtwood	No. 15 & 16	66.0	Y-Gr.	13.2	Delta	
Holtwood	No. 17	66.0	Y-Gr.	13.2	Delta	
Holtwood	T & U	66.0	Y-Gr.	13.2	Delta	
Honesdale	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Honeybrook	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hughesville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Hunter	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Jenkins	No. 3	66.0	Y-Gr.	12.0	Delta	
Jersey Shore	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

CATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	CONNECTION	LOW SIDE WINDING kV	CONNECTION	REMARKS
WER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
rl	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Carbondale	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Elizabethtown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Greenville	No. 1	66.0	Delta	12.0	Y-Gr.	
st Hazleton	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Lancaster	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Petersburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
st Texas	No. 1	66.0	Delta	12.0	Y-Gr.	
st Tomhicken		66.0	Delta	23.0	Y-Gr.	
ella	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
ypt	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
izabethtown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
izabethville		66.0	Delta	12.0	Y-Gr.	
liott Heights	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
maus	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
gleside	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
ola	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
change	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
eter	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
non	No. 2	66.0	Delta	12.0	Y-Gr.	
irfield	No. 1	66.0	Delta	12.0	Y-Gr.	
irview	No. 1	66.0	Delta	12.0	Y-Gr.	
rmersville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
xon	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
rndale		66.0	Delta	23.0	Y-Gr.	
shbach	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
shbach	No. 3	66.0	Y-Gr.	12.0	Delta	
emington	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
gelsville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
untain Springs	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
ailey	No. 1	66.0	Delta	23.0	Y-Gr.	
anconia	No. 1	66.0	Delta	12.0	Y-Gr.	
eeland	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
eemansburg	No. 1 & 3	66.0	Delta	12.0	Y-Gr.	
orgetown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
lbert	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Atglen	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Auburn		66.0	Delta	12.0	Y-Gr.	
Avoca	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Bear Creek	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Bear Gap	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Beavertown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Bellmont	No. 1	66.0	Delta	12.0	Y-Gr.	
Benvenue	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Berwick	No. 1 & 2	66.0	Delta	12.0/4.0	Y-Gr.	
Blooming Glen	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Bloomsburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Blytheburn	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Bohemia	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Brookside	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Buck	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Canadensis	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Carlisle	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Cass		66.0	Y-Gr.	23.0	Delta	
Cedar	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Central Allentown	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Centralia	No. 1	66.0	Delta	4.0	Y-Gr.	
Cherry Hill	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Christmans Pumping	No. 1 & 3	66.0	Delta	12.0	Y-Gr.	
Christmans Pumping	No. 4	66.0	Delta	2.3	Delta	
Cocalico	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Colonial Park	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Coopersburg	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Crackersport	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Cressona	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Dalmatia	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Danville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Derry	No. 1	66.0	Delta	12.0	Y-Gr.	
Dillerville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Donegal	No. 1, 2 & 3	66.0	Delta	12.0	Y-Gr.	
Donerville	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Dorneyville	No. 1	66.0	Delta	12.0	Y-Gr.	
Duke	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	

SCHEDULE 18 (Cont'd)

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED TO 230.0 kV						
Martins Creek	No. 21	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Milton	No. 1	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Montour	No. 1 & 2	230.0	Y-Gr.	22.8	Delta	
Peckville	No. 4 & 5	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Quarry	No. 1, 2, 3 & 4	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Siegfried	No. 1, 2 & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Siegfried	No. 4 & 5	230.0	Y-Gr.	138.0	Y-Gr.	Delta Tertiary - Auto. Transformer
South Akron	No. 3, 4 & 5	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
South Manheim	No. 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Stanton	No. 1, 2 & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Sunbury	No. 4	230.0	Y-Gr.	13.8	Delta	
Sunbury	No. 22	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Sunbury	No. 23	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Susquehanna Constr.	No. 1	230.0	Delta	12.0	Y-Gr.	
Wallenpaupack	No. 1	230.0	Y-Gr.	12.0	Delta	
Wescosville	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
West Hempfield	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
West Shore	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 138.0 kV, 132.0 kV OR 110.0 kV						
Allentown	No. 1, 2, 4	138.0	Delta	12.0	Y-Gr.	
Allentown	No. 5	138.0	Y-Gr.	12.0/12.0	Delta	Split Primary
Catasauqua	No. 1 & 2	138.0	Delta	12.0	Y-Gr.	
Conestoga	P5, P6, P7 & P8	132.0		12.0		Single Phase - 25 Cycles
East Allentown	No. 1 & 2	138.0	Delta	12.0	Y-Gr.	
Lace Rock	No. 1 & 2	110.0	Y-Gr.	66.0	Y-Gr.	Auto. Transf. - Delta Tertiary
Freemansburg	No. 2	110.0	Y-Gr.	66.0	Y-Gr.	60 Cycle-Auto.Transf.-Delta Tertiary
Lewisburg	No. 1 & 2	132.0	Y	66.0	Y	Auto. Transformer
Sunbury	No. 21	132.0	Y-Gr.	66.0	Y-Gr.	Auto. Transformer
Sunbury	No. 3	132.0	Y-Gr.	13.8	Delta	
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED AT 66.0 kV						
Altamont	No. 1 & 2	66.0	Delta	12.0	Y-Gr.	
Ashfield	No. 1 & 4	66.0	Delta	12.0	Y-Gr.	

PENNSYLVANIA POWER & LIGHT COMPANY - INTERCONNECTED SYSTEM

SCHEDULE 18 - YEAR ENDING DECEMBER 31, 1980

CONNECTIONS OF POWER TRANSFORMERS

LOCATION	TRANSFORMER DESIGNATION	HIGH SIDE WINDING kV	HIGH SIDE WINDING CONNECTION	LOW SIDE WINDING kV	LOW SIDE WINDING CONNECTION	REMARKS
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED TO 500.0 kV						
Juniata	No. 1 & 2	500.00	Y-Gr.	230.0	Y-Gr.	Auto. Transf. - Delta Tertiary
Keystone	No. 1 & 2	303.1/525.0	Y-Gr.	20.0	Delta	PP&L Co. has an undivided 12.34% interest in common with 6 other companies.
Conemaugh	No. 1 & 2	303.1/525.0	Y-Gr.	22.0	Delta	PP&L Co. has an undivided 11.39% interest in common with 9 other companies.
Alburtis	No. 1	500.00	Y-Gr.	230.0	Y-Gr.	Delta Tertiary
POWER TRANSFORMERS WITH HIGH SIDE WINDINGS CONNECTED TO 230.0 kV						
Berks	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Blooming Grove	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Brunner Island	No. 1	230.0	Y-Gr.	17.3	Delta	
Brunner Island	No. 2	230.0	Y-Gr.	17.3	Delta	
Brunner Island	No. 3	230.0	Y-Gr.	22.8	Delta	
Buxmont	No. 1&2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Chapman	No. 1	230.0	Y-Gr.	12.0	Delta	
Columbia	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Cumberland	No. 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Dauphin	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
East Palmerton	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Frackville	No. 1	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Frackville	No. 2 & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Harwood	No. 4 & 5	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Hosensack	No. 1, 2, & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Hummelstown	No. 1, 2, & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Jenkins	No. 1 & 2	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Lackawanna	No. 1	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary - Auto. Transformer
Lycoming	No. 1, 2 & 3	230.0	Y-Gr.	66.0	Y-Gr.	Delta Tertiary
Martins Creek	No. 2	230.0	Y-Gr.	18.0	Delta	
Martins Creek	No. 3 & 4	230.0	Y-Gr.	24.0	Delta	

TRANSMISSION LINES ADDED DURING YEAR

1. Report below the information called for concerning transmission lines added or altered during the year. It is not necessary, however, to report minor revisions of lines.

2. Provide separate subheadings for overhead and underground construction and show each transmission line separately. If actual costs of completed construction are not readily available for reporting in columns (l) to (o), it is permissible to report in these columns, the estimated final completion costs. Designate, however, if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, in column (l) with appropriate footnote, and costs of Underground Conduit in column (m).

3. If design voltage differs from operating voltage indicate such fact by footnote; also where line is other than 60 cycle, 3 phase indicate such other characteristic.

Line No.	LINE DESIGNATION From (a)	To (b)	Line Length in miles (c)	SUPPORTING STRUCTURE Type (d)	Average Number per mile (e)	CIRCUITS PER STRUCTURE Present (f)	Ultimate (g)	CONDUCTORS Size (h)	Specification (i)	Configuration and spacing (j)	Voltage Kv (Operating) (k)	LINE COST Land and land rights (l)	Poles, towers and fixtures (m)	Conductors and devices (n)	Total (o)
1												$	$	$	$
2	(A) Siegfried	East Palmerton	7.90	Steel Tower	6	1	1	1590 MCM	ACSR	Vert. 20.5 Ft.	230	4,654	54,891	499,187	558,732
3															
4															
5	(A) Susquehanna	East Palmerton	.92	Steel Poles	2	1	1	1590 MCM	ACSR	Vert. 20.5 Ft.	230	16,870	198,982	1,809,551	2,025,403
6															
7			28.64	Steel Towers	6	1	1	1590 MCM	ACSR		230				
8															
9															
10	(B) Susquehanna	Stanton #2	2.63	Steel Poles	8	1	1	1590 KCMIL	ACSR	Vert. 20.5 Ft.	230	2,125,871	10,620,619	6,467,357	19,213,847
11															
12			30.24	Steel Pole "H" Str.	5	1	1	2493 KCMIL	ACAR	Flat 33 Ft.	230				
13															
14															
15															
16															
17															
18	(A) Installed second circuit on existing "Siegfried-Harwood" Line and created two lines designated above which														
19	loop into E. Palmerton. Cost for the actual E. Palmerton Loop are included with associated lines on page 442														
20	and had not been added to above line cost. NOTE: Line cost is based on estimate.														
21															
22	(B) NOTE: Line cost is based on estimate.														
23	Designed for 500 KV operation. Operating at 230 KV.														
24															
25															
26															
27															
28															
29		TOTAL	71.18									2,147,395	10,874,492	8,776,095	21,797,982

TRANSMISSION LINE STATISTICS (Continued)

SUMMARY OF TRANSMISSION LINES

Construction	Length (Pole Miles) on Structures of Line Designated: Wood Pole & H-Frame	Length (Pole Miles) on Structures of Line Designated: Steel Tower & Steel Pole	Total Pole Miles	Circuit Miles On Structures of Line Designated or Another Line: Wood Pole & H-Frame	Circuit Miles On Structures of Line Designated or Another Line: Steel Tower & Steel Pole	Total Circuit Miles
500 KV	-	106.91	106.91	-	106.91	106.91
230 KV	22.31	882.65	904.96	22.31	1,066.09(A)	1,088.40
Total	22.31	989.56	1,011.87	22.31	1,173.00	1,195.31

(A) Includes "second" circuit miles on structures of line designated.

Note: Direct drops and single span taps from transmission lines to transformers or substations (other than the beginning and termination of listed transmission lines) are not included with this tabulation.

TRANSMISSION LINE STATISTICS (Continued)

Size of Conductor and Material (f)		COST OF LINE (omit cents) Land * * (j)	Construction and other costs (k)	Total cost (l)	EXPENSES, EXCEPT DEPRECIATION AND TAXES (omit cents) Operation expenses (m)	Maintenance expenses (n)	Rents (o)	Total expenses (p)	Line No.
1,590	(B)	$ 292,316	$ 2,296,802	$ 2,589,118	)	$ 18,470	$ 150	$ 18,620	1
1,590	(B)								2
1,590	(B)								3
1,590	(D)	2,125,871	17,087,976	19,213,847	) Included in Susquehanna to Stanton (#1)				4
1,590	(D)								5
2,493	(E)								6
795	(B)	-	16,298	16,298	) Included in Blooming Grove to Peckville				7
1,033.5	(B)	4,609	52,153	56,762	) 527	9,572	3,050	13,149	8
1,033.5	(B)								9
795	(B)	89,335	271,816	361,151	) Included in Brunner Island to W. Hempfield-PWP				10
1,590	(B)	1,202,610	3,516,326	4,718,936	46	43,937		43,983	11
1,590	(B)								12
795	(B)								13
795	(B)	42,517	273,063	315,580	Included in Hosensack to Buxmont				14
1,590	(B)								15
									16
		$21,816,757	$115,266,371	$137,083,128	162,956	1,072,454	20,890	1,256,300	17
									18
					3,976,360	973,462	35,353	4,985,175	19
					$4,140,173	$ 2,144,269	$ 59,846	$ 6,344,288	20
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SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Greenfield	2	5,000	66.0	12.0	-				
Greenland	2	25,000	66.0	12.0	-				
Green Park	2	7,500	66.0	12.0	-				
Greenwood	2	10,000	66.0	12.0	-				
Halifax	1	10,000	66.0	12.0	-				
Hammermill	2	7,500	66.0	2.4	-				
Hamilton	2	20,000	66.0	12.0	-				
Harleigh	2	10,000	66.0	12.0	-				
Harrisburg	3	20,000	66.0	12.0	-				
Harrisburg (7)	1	68,000	12.0/12.0	66.0	-				
Hartland	2	10,000	66.0	12.0	-				
Harwood (2)	2	150,000	230.0	66.0	12.0				
Harwood (7)	1	33,900	12.0	66.0	-				
Harwood	2	20,000	66.0	12.0	-				
Hatfield	2	20,000	66.0	12.0	-				
Hauto	2	25,000	66.0	12.0	-				
Heidelberg	2	5,000	66.0	12.0	-				
Hempfield	2	10,000	66.0	12.0	-				
Hegins	2	5,000	66.0	12.0	-				
Hemlock	2	10,000	66.0	12.0	-				
Hepburn	2	10,000	66.0	12.0	-				
Hershey	2	20,000	66.0	13.2	-				
Hershey Chocolate	2	20,000	66.0	13.2	-				
Hickory Run	1	5,000	66.0	12.0	-				
Holtwood (5)	2	26,600	13.2	66.0	-				
Holtwood (5)	2	20,000	13.2	66.0	-				
Holtwood (5)	2	45,000	13.2	66.0	-				
Holtwood (5)	1	82,500	13.2	66.0	-				
Holtwood (5) T&U	2	6,250	13.2	66.0	-				
Honesdale	2	10,000	66.0	12.0	-				
Honeybrook	2	5,000	66.0	12.0	-				
Hosensack	3	75,000	230.0	66.0	12.0				
Hughesville	2	5,000	66.0	12.0	-				
Hummelstown	3	75,000	230.0	66.0	12.0				
Hunter	2	5,000	66.0	12.0	-				

Note: Split Primary

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Jenkins (2)	2	150,000	230.0	66.0	12.0				
Jenkins (7)	1	33,900	12.0	66.0	-				
Jersey Shore	2	25,000	66.0	12.0	-				
Juniata	2	420,000	500.0	230.0	12.0				
Kenmar	2	20,000	66.0	12.0	-				
Keyser Avenue	1	25,000	66.0	12.0	-				
Keystone (3)	2	1,041,600	20.0	303.1/525.0	-				
Kinzer	1	25,000	66.0	12.0	-				
Lackawanna	1	150,000	230.0	66.0	12.0				
Lackawanna	1	1,500	66.0	12.0	-				
Lake Harmony	1	25,000	66.0	12.0	-				
Lake Naomi	2	10,000	66.0	12.0	-				
Lakeville	2	10,000	66.0	12.0	-				
Lanark	2	10,000	66.0	12.0	-				
Landisville	2	25,000	66.0	12.0	-				
Larrys Creek	2	5,000	66.0	12.0	-				
Laurel Pumping	1	1,000	66.0	2.3	12.0				
Laurelton	2	15,000	66.0	12.0	-				
Lavino	2	10,000	66.0	12.0	-				
Lawton	2	20,000	66.0	12.0	-				
Leola	2	25,000	66.0	12.0	-				
Lewisburg	2 (2)	10,000	132.0	66.0	-				
Limestone	2	10,000	66.0	12.0	-				
Lincoln	2	10,000	66.0	12.0	-				
Linden	2	10,000	66.0	12.0	-				
Linglestown	2	7,500	66.0	12.0	-				
Lititz	2	10,000	66.0	12.0	-				
Lock Haven	2	20,000	66.0	12.0	-				
Lock Haven (7)	1	20,000	12.0	66.0	-				
Logantown	2	33,750	66.0	12.0	-				
Lycoming	3	150,000	230.0	66.0	12.0				
Lykens	2	15,000	66.0	12.0	-				
Macada	2	25,000	66.0	12.0	-				
Macungie	2	10,000	66.0	12.0	-				

Note: PP&L Co. has an undivided 12.34% interest in common with 6 other companies.

Station Service Transformer

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
adisonville	2	7,500	66.0	12.0	-				
ahanoy City	1	20,000	66.0	12.0	-				
anor (R.C.P.)	1	6,250	66.0	12.0	-				
arlin	1	25,000	66.0	12.0	-				
artins Creek (3)	2	930,000	24.0	230.0	-				
artins Creek (3)	1	174,000	18.0	66.0	-				
artins Creek (3)	1	75,000	230.0	66.0	12.0				
artins Creek (3)	1	174,000	18.0	230.0	-				
artins Creek (7)	1	80,000	12.0/12.0	66.0	-				
cAlisterville	2	2,500	66.0	12.0	-				
echanicsburg	2	20,000	66.0	12.0	-				
eckesville	2	5,000	66.0	12.0	-				
ickleys	2	25,000	66.0	12.0	-				
iddleton	1	25,000	66.0	12.0	-				
ilford	2	10,000	66.0	12.0	-				
illersburg	2	10,000	66.0	12.0	-				
illersville	2	10,000	66.0	12.0	-				
illville	2	10,000	66.0	12.0	-				
ilton (2)	1	150,000	230.0	66.0	12.0				
inooka	1	15,000	66.0	23.0	-				
inooka	2	10,000	66.0	12.0	-				
insi Trail	2	25,000	66.0	12.0	-				
ontgomery	1	10,000	66.0	12.0	-				
ontour (3)	2	850,000	22.8	230.0	-				
ontour Pump	1	7,500	66.0	4.0	-				
ontoursville	2	10,000	66.0	12.0	-				
rgan	2	20,000	66.0	12.0	-				
rgantown	2	5,000	66.0	12.0	-				
scow	2	5,000	66.0	12.0	-				
wry	3	2,500	66.0	12.0	-				
unt Allen	2	25,000	66.0	12.0	-				
unt Bethel	2	3,000	66.0	12.0	-				
unt Carmel	2	10,000	66.0	12.0	-				
unt Joy	2	10,000	66.0	12.0	-				
unt Nebo	2	2,500	66.0	12.0	-				

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Mount Pocono	2	25,000	66.0	12.0	-				
Mount Rock	1	7,500	66.0	12.0	-				
Mount Rock	1	10,000	66.0	12.0	-				
Muncy	2	10,000	66.0	12.0	-				
Neffsville	2	20,000	66.0	12.0	-				
New Columbia	1	25,000	66.0	12.0	-				
New Columbia	1	5,000	66.0	12.0	-				
Newfoundland	2	7,500	66.0	12.0	-				
Newport	2	10,000	66.0	12.0	-				
Northampton	2	10,000	66.0	12.0	-				
North Bethlehem	2	10,000	66.0	12.0	-				
North Columbia	2	10,000	66.0	12.0	-				
North Harrisburg	2	20,000	66.0	12.0	-				
North Manheim	2	10,000	66.0	12.0	-				
North Stroudsburg	2	5,000	66.0	12.0	-				
Northumberland	2	10,000	66.0	12.0	-				
Oberlin	2	10,000	66.0	12.0	-				
Old Forge	1	18,750	66.0	23.0	-				
Olivetti	2	5,000	66.0	12.0	-				
Orwigsburg	2	5,000	66.0	12.0	-				
Palmerton	2	10,000	66.0	12.0	-				
Paxton	2	20,000	66.0	12.0	-				
Peckville	1	15,000	66.0	23.0	-				
Peckville	1	37,500	-	66.0	23.0				
Peckville	2	75,000	230.0	66.0	12.0				
Peckville	2	2,500	66.0	4.0	-				
Penns	1	25,000	66.0	12.0	-				
Pennsboro	1	25,000	66.0	12.0	-				
Pine Grove	2	10,000	66.0	12.0	-				
Pine Ridge	1	25,000	66.0	12.0	-				
Pocono Farms	1	10,000	66.0	12.0	-				
Point	1	20,000	66.0	12.0	-				
Port Carbon	1	25,000	66.0	12.0	-				
Prince	3	25,000	66.0	12.0	-				

Note: Owned by Service Dev. Co., a Subsidiary of PP&L and leased to Olivetti.

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
Providence	1	22,500	66.0	23.0	-				
Providence	1	25,000	66.0	12.0	-				
Quarry	4	75,000	230.0	66.0	12.0				
Quarryville	2	5,000	66.0	12.0	-				
Reed	2	10,000	66.0	12.0	-				
Renovo	2	3,750	66.0	12.0	-				
Richfield	2	5,000	66.0	12.0	-				
Richland	2	25,000	66.0	12.0	-				
River	2	20,000	66.0	12.0	-				
Rockville	2	7,500	66.0	12.0	-				
Roherstown	2	10,000	66.0	12.0	-				
Rohrsburg	3	2,500	66.0	12.0	-				
Rosemont	1	20,000	66.0	12.0	-				
Rosemont	1	25,000	66.0	12.0	-				
Roseville	2	10,000	66.0	12.0	-				
Rossmoyne	2	10,000	66.0	12.0	-				
Rutherford	1	25,000	66.0	12.0	-				
Saint Johns	2	3,750	66.0	12.0	-				
Salisbury	2	25,000	66.0	12.0	-				
Schnecksville	2	10,000	66.0	12.0	-				
Scott	2	10,000	66.0	12.0	-				
Scranton	2	25,000	66.0	12.0	-				
Seidersville	2	25,000	66.0	12.0	-				
Selinsgrove	1	25,000	66.0	12.0	-				
Sellersville	2	25,000	66.0	12.0	-				
Shamokin	2	3,000	66.0	4.0	-				
Shenandoah	1	25,000	66.0	12.0	-				
Shermansdale	1	5,000	66.0	12.0	-				
Shillington	1	25,000	66.0	12.0	-				
Siegfried	3	75,000	230.0	66.0	12.0				
Siegfried (2)	2	300,000	230.0	138.0	12.0				
South Akron	2	25,000	66.0	12.0	-				
South Akron	3	75,000	230.0	66.0	12.0				
South Allentown	2	10,000	66.0	12.0	-				

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
South Hershey	2	20,000	66.0	13.2	-				
South Manheim	1	150,000	230.0	66.0	12.0				
South Manheim	1	20,000	66.0	12.0	-				
South Manheim	1	25,000	66.0	12.0	-				
South Middleburg	2	10,000	66.0	12.0	-				
South Milton	2	25,000	66.0	12.0	-				
South Slatington	2	10,000	66.0	12.0	-				
South Whitehall	2	25,000	66.0	12.0	-				
South Wilkes Barre	1	25,000	66.0	12.0	-				
South Williamsport	1	20,000	66.0	12.0	-				
Spangler	2	10,000	66.0	12.0	-				
Sporting Hill	2	25,000	66.0	12.0	-				
Spring	2	25,000	66.0	12.0	-				
Stanton	3	75,000	230.0	66.0	12.0				
State Hill	2	20,000	66.0	12.0	-				
Strasburg	2	5,000	66.0	12.0	-				
Stroudsburg	2	25,000	66.0	12.0	-				
Suburban	1	30,000	66.0	23.0	4.0				
Suburban	2	24,000	66.0	23.0	12.0				
Suburban Yard 2	2	25,000	66.0	12.0	-				
Sullivan Trail	1	20,000	66.0	23.0	-				
Sullivan Trail	2	5,000	66.0	12.0	-				
Summerdale	2	10,000	66.0	12.0	-				
Sumner	2	20,000	66.0	12.0	-				
Sunbury (3)	1	174,000	13.8	230.0	-				
Sunbury (3)	2 (2)	50,000	66.0	132.0	-				
Sunbury (3)	2	75,000	66.0	230.0	-				
Sunbury (3)	2	86,667	13.8	66.0	-				
Sunbury (3)	1	120,000	13.8	132.0	-				
Sunbury (7)	1	40,000	12.0	66.0	-				
Sunbury	1	150,000	230.0	66.0	12.0				
Susquehanna Constr.	1	20,000	230.0	12.0	-				
Swatara	1	25,000	66.0	12.0	-				
Tafton	2	10,000	66.0	12.0	-				
Tamanend	2	10,000	66.0	12.0	-				

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
annersville	2	10,000	66.0	12.0	-				
erre Hill	2	10,000	66.0	12.0	-				
hompsontown	3	2,500	66.0	12.0	-				
hroop	2	10,000	66.0	12.0	-				
inker	2	7,500	66.0	12.0	-				
reichlers	2	10,000	66.0	12.0	-				
rexlertown	1	25,000	66.0	12.0	-				
win Lakes	2	5,000	66.0	12.0	-				
pper Hanover	2	20,000	66.0	12.0	-				
almont	2	25,000	66.0	12.0	-				
arden	2	5,000	66.0	12.0	-				
agners	2	10,000	66.0	12.0	-				
alker	2	10,000	66.0	12.0	-				
allenpaupack (5)	1	30,000	12.0	66.0	-				
allenpaupack (5)	1	50,000	12.0	230.0	-				
alnut	2	20,000	66.0	12.0	-				
alnut	2	25,000	66.0	12.0	-				
akefield	2	2,500	66.0	12.0	-				
arwick	1	7,500	66.0	12.0	-				
arwick	1	5,000	66.0	12.0	-				
atson	1	25,000	66.0	12.0	-				
eissport	1	25,000	66.0	12.0	-				
ernersville	1	5,000	66.0	12.0	-				
ernersville	1	3,750	66.0	12.0	-				
ertzville	2	7,500	66.0	12.0	-				
escosville (2)	2	150,000	230.0	66.0	12.0				
est Allentown	2	25,000	66.0	12.0	-				
est Berwick	2	10,000	66.0	12.0	-				
est Bloomsburg	1	25,000	66.0	12.0	-				
est Carlisle	2	10,000	66.0	12.0	-				
est Damascus	2	2,500	66.0	12.0	-				
estgate	2	10,000	66.0	12.0	-				
est Hempfield (2)	2	150,000	230.0	66.0	12.0				
est Lancaster	2	25,000	66.0	12.0	-				
est New Holland	1	25,000	66.0	12.0	-				

SCHEDULE 18 (Cont'd)

Substations	Identical Banks No.	Bank Rating kVA (6)	Nominal Voltages - kV Primary	Secondary	Tertiary	Conversion Equipment Capacity & Voltage	Synchronous Condensers kVA Capacity and Voltage	60 Cycle Frequency Converters kVA Capacity and Voltage	25 Cycle Frequency Converters kVA Capacity and Voltage
West Shore (2)	2	150,000	230.0	66.0	12.0				
West Shore (7)	1	41,000	12.0	66.0	-				
West Williamsport	2	20,000	66.0	12.0	-				
West Willow	2	10,000	66.0	12.0	-				
White Haven	2	5,000	66.0	12.0	-				
White Hill	2	25,000	66.0	12.0	-				
Wilkes-Barre	2	25,000	66.0	12.0	-				
Williamsport	2	25,000	66.0	12.0	-				
Williamsport (7)	1	33,900	12.0	66.0	-				
Williamstown	1	5,000	66.0	12.0	-				
Williamstown	1	10,000	66.0	12.0	-				
Windsor	2	10,000	66.0	12.0	-				
Woolrich	2	5,000	66.0	12.0	-				
Wright	2	25,000	66.0	12.0	-				
Wyomissing (2)	2	10,000	66.0	12.0	-				
Yatesville	1	25,000	66.0	12.0	-				

(1) Not a three-winding transformer. 66/12 kV and 66/4 kV transformers are banked.

(2) Auto-transformer.

(3) Steam Electric Station

(4) Single Phase - 25 Cycles for Railroad.

(5) Hydro Electric Station

(6) Spares not included.

(7) Combustion Turbine Transformer.

SCHEDULE 18 (Cont'd)

SUBSTATIONS 23 kV, 300 kVA AND ABOVE

YEAR ENDING DECEMBER 31, 1980

Substations	Identical Banks	Bank Rating kVA	Nominal Voltages - kV Primary	Secondary	Remarks
Adelphia	1	400	23.0	0.480	
Cass	1	1,500	23.0	2.3	Grounding Bank
Central City No. 1	1	6,000	23.0	4.0	
Central City No. 2	1	8,000	23.0	4.0	
Fidler	1	1,000	23.0	0.480	
Gar Let	1	750	23.0	0.240	
Graver Service Corp.	1	450	23.0	0.480	
Grove	1	3,000	23.0	4.0	
Hatter	1	500	23.0	0.480	
Integrity	1	300	23.0	0.480	
Jermyn No. 1	1	3,000	23.0	4.0	
Jermyn No. 2	1	1,500	23.0	4.0	
Lackawanna River Basin Sewer Authority	1	600	23.0	0.480	
Lackawanna Vo-Tech North	1	2,000	23.0	12.0	
Lasko	1	1,500	23.0	0.480	
Live Oak No. 2	1	300	23.0	0.240	
Low. Lack. Val. Sanit. Auth.	1	1,500	23.0	0.480	
Manbeck Westwood	1	450	23.0	0.480	
Maurer	1	300	23.0	0.480	
Meridian	1	3,000	23.0	4.0	
Mid Valley	1	3,000	23.0	4.0	
Minersville	1	2,500	23.0	4.0	
Minooka	1	6,000	23.0	4.0	
Mt. Jessup	1	2,500	23.0	4.0	
Old Forge	1	4,500	23.0	4.0	
Old Forge	1	2,500	23.0	4.0	
Peckville	1	2,000	23.0	4.0	Grounding Bank
Peckville	1	4,500	23.0	4.0	
Pittston No. 2	1	6,000	23.0	4.0	
Providence	1	4,500	23.0	4.0	
Roaring Brook	1	2,000	23.0	4.0	
Scranton Sewage	1	1,500	23.0	12.0	

SCHEDULE 18 (Cont'd)

SUBSTATIONS 23 kV, 300 kVA AND ABOVE

YEAR ENDING DECEMBER 31, 1980

Substations	Identical Banks	Bank Rating kVA	Nominal Voltages - kV Primary	Secondary	Remarks
Shamokin Filler	1	600	23.0	0.440	
South Side No. 2	1	6,000	23.0	4.0	
Stearns	1	1,000	23.0	0.480	
Stearns Serv. Co.	1	1,500	23.0	0.480	
Stoudsburg No. 3	1	11,250	23.0	12.0	Auto-transformer
Suburban	1	22,500	23.0	4.0	
Swanee No. 2	1	1,000	23.0	0.480	
Taylor	1	2,000	23.0	4.0	
Tremont	1	2,500	23.0	12.0	Auto-transformer
Tuscarora	1	550	23.0	4.0	
Valley Asphalt Inc.	1	600	23.0	0.480	
Visqueen	1	1,500	23.0	0.480	
West Fern Glen	1	3,750	23.0	12.0	
W. Pittston No. 1	1	6,000	23.0	4.0	
Zerbe	1	450	23.0	0.480	

Schedule 18 B

HIGH VOLTAGE LINE DATA

1. Loading data are to be reported under this Schedule for high-voltage lines in the nominal voltage ranges indicated in the tabulation below. Data should be supplied for all line sections in the indicated voltage classifications, except that data need not be supplied for radial tap lines as defined in footnote[2] or for sections of main high-voltage line between adjacent tap lines unless the section or tap (a) connects to a generating station; (b) crosses a state or international boundary; (c) involves a sale at wholesale for resale; or (d) serves a Federal Government load of 1 megawatt or more. However, data should be given for each end of such a line when intermediate data are excluded. Line terminals listed in this Schedule should be the same as shown on the geographical map or single-line diagram, or both. Power flow diagrams may be submitted in lieu of tabulations. Add data for lines completed since the last report.

High Voltage Lines Upon Which Data Should Be Supplied

If Highest Nominal System Voltage is—	*Supply Line Load Data for Main Lines and for (a) to (d) Lines of—*
69 Kv or Less	33 Kv or Greater
Over 69 Kv to 161 Kv	55 Kv or Greater
Greater than 161 Kv	Greater than 69 Kv and Lines in[1]

[1] Also supply data on 55 to 69 Kv lines that fit (a) through (d) above or radiate from the network to supply areas not enclosed by a higher voltage ring.

[2] Tap line as used here means a connection to a line of the same voltage between terminal points on that line.

2. The maximum possible loading shown in column 5 should be that at the time of annual system peak, taking into consideration not only the characteristics of the line itself, but also that of its associated equipment and other operating limitations that might be imposed by normal system connections. If the capacity of the line under the above conditions is below the possible loading of the line alone, please specify by number the limiting factor, such as (1) transformer capacity, (2) limitations in capacity of other connecting lines, (3) system stability, (4) permissible voltage drop, (5) relay settings, (6) continuous current rating of circuit breakers, (7) generating station capacity, (8) line capacity controlled by parallel circuits and load locations, or (9) other factors which should be explained.

3. Show for the months designated, the load on each line *at the time of the monthly system peak, as shown in column 10, schedule 14.* The load data in this schedule should be the integrated demand for 60-minute intervals. Where integrated demands for such intervals are not available, other data should be adjusted or estimates furnished to approximate the integrated demand to 60-minute interval. Where two or more identical circuits between the terminals are grouped, indicate by symbol whether data be for one or all such circuits.

4. If the energy flow at the time of the monthly peak is in a direction opposite to that shown in columns 1 and 2, the figures in columns 6, 7, 8, 9, and 10 should be enclosed in parentheses (.....).

LINE TERMINALS — Normal Flow of Power		Length of Each Line (miles)	Operating Voltage (Kv.)	Maximum Possible Loading (mw.)	LINE LOAD AT TIME OF MONTHLY SYSTEM PEAK—(mw.)				
From	To—				April	August	October	December	Annual Peak
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
See Data Starting Page 38									
The December monthly system peak is also the annual peak for 1980.									

mw.—thousand kilowatts.

Schedule 18 B—Continued

HIGH VOLTAGE LINE DATA—Continued

LINE TERMINALS		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak—(mw)				Same as December
Normal Flow of Power					11A–12N	1P–2P	9A–10A	9A–10A	Annual peak (10)
From— (1)	To— (2)				April (6) 14	August (7) 8	October (8) 30	December (9) 22	
Alburtis	Branchburg 5016	1/ 20.87	500	1942 (8)	941	795	1005	1147	
Conemaugh	Juniata 5005	1/ 15.91	500	2600 (5)	801	942	957	1167	
Juniata	Alburtis 5009	1/ 26.26	500	2600 (5)	978	823	999	1149	
Juniata	Three Mile Island 5008	1/ 16.80	500	2600 (5)	622	802	776	967	
Keystone	Juniata 5004	1/ 15.92	500	2600 (5)	990	1039	1082	1358	
Alburtis	Hosensack	4.27	230	845 (1)	78	32	41	41	
Blooming Grove	Peckville	29.35	230	488 (7)	(158)	(6)	(21)	(44)	
Brunner Island	Middletown Junction No. 1	1/ 6.07	230	639 (1)	365	296	325	284	
Brunner Island	Middletown Junction No. 2	1/ 6.07	230	639 (1)	362	295	322	284	
Brunner Island	South Manheim	18.46	230	717 (1)	209	224	205	239	
Brunner Island	West Hempfield	13.94	230	550 (1)	147	224	187	176	
Brunner Island	West Shore	16.26	230	633 (2)	149	133	175	129	
Brunner Island	Yorkana	1/ 0.64	230	192 (8)	183	197	158	178	
Bushkill	Blooming Grove	21.78	230	458 (11)	(101)	46	32	41	
Cumberland	West Shore	11.74	230	639 (1)	83	104	24	157	
Dauphin	Hummelstown	1/ 14.44	230	611 (8)	53	55	(9)	90	
East Towanda	Lackawanna	0	230	480 (8)	72	166	173	121	
Elimsport	Lycoming No. 1	–	230	–	58	60	58	68	
Elimsport	Lycoming No. 2	–	230	–	59	60	59	70	
Elimsport	Lycoming No. 3	4.09	230	–	59	60	59	69	
Frackville	Columbia	26.64	230	815 (1,5)	(349)	(120)	(131)	(238)	
Generator No. 1	Susquehanna	2.19	230	–	1	1	1	2	
Hosensack	Buxmont No. 3	4.34	230	546 (1)	36	(45)	31	(25)	
Hosensack	Quarry	22.50	230	845 (1,10)	121	(104)	101	(50)	

mw.=thousand kilowatts.

HIGH VOLTAGE LINE DATA—Continued

Same as December

LINE TERMINALS Normal Flow of Power		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak—(mw)				
From— (1)	To— (2)				11A–12N April (6) 14	1P–2P August (7) 8	9A–10A October (8) 30	9A–10A December (9) 22	Annual peak (10)
Hosensack	Wescosville No. 3	27.66	230	501 (6)	36	14	23	3	
Hummelstown	Middletown Junction No. 2	6.83	230	480 (8)	(122)	(111)	(151)	(124)	
Hummelstown	Middletown Junction No. 2	6.83	230	480 (8)	(109)	(89)	(114)	(73)	
Hummelstown	North Hershey	3.34	230	968 (8)	131	65	97	103	
Jenkins	Stanton	11.18	230	845 (1,2)	(43)	(81)	(48)	(70)	
Juniata	Cumberland	14.11	230	639 (1)	169	197	98	267	
Juniata	Dauphin	18.32	230	553 (8)	177	195	106	255	
Juniata	Sunbury	38.29	230	845 (1)	(14)	146	179	110	
Lackawanna	Peckville No. 3	0.39	230	660 (5)	234	86	99	117	
Lewistown	Juniata	0.90	230	520 (8)	130	174	109	212	
Manor (2302) (N)	Conastone	17.65	230	419 (6,8)	(49)	63	28	(16)	
Manor (2303) (S)	Graceton	14.52	230	410 (6,8)	(104)	(68)	(80)	(110)	
Manor	South Akron	25.28	230	639 (1,2)	145	72	85	126	
Martins Creek	Kittatinny	41.49	230	458 (11)	48	126	87	146	
Martins Creek	Northwood	10.81	230	621 (1,8)	87	197	96	179	
Martins Creek	Portland	4.62	230	480 (8)	334	508	263	607	
Martins Creek	Quarry No. 2	21.17	230	639 (1)	51	169	67	143	
Martins Creek	Siegfried No. 1	23.67	230	639 (1)	130	350	172	278	
Martins Creek	Siegfried No. 2	23.67	230	639 (1)	89	241	118	190	
Montour	Columbia	10.30	230	815 (1,5)	412	215	221	357	
Montour	Elimsport	24.73	230	845 (11)	214	128	118	184	
Montour	Mountain	30.37	230	835 (1)	216	117	131	235	
Montour	Sunbury	10.29	230	639 (1)	267	83	70	185	
Montour	Susquehanna	30.24	230	845 (1)	342	196	176	371	
Mountain	Lackawanna	23.40	230	845 (1,5)	142	32	57	117	
Quarry	Northwood	10.64	230	633 (1)	(8)	(116)	(27)	(88)	
Siegfried	East Palmerton	8.77	230	815 (1)	64	82	27	69	
Siegfried	Frackville	40.55	230	522 (6,7)	5	328	(6)	224	
Siegfried	Harwood	37.42	230	894 (1)	0	32	107	(9)	
South Akron	Berks	22.49	230	633 (1,2)	168	94	109	118	
South Manheim	South Akron No. 4	11.89	230	715 (1)	132	131	120	133	
South Reading	Berks	17.08	230	518 (8)	(82)	(5)	(33)	(12)	

mw.=thousand kilowatts.

Schedule 18 B—Continued
HIGH VOLTAGE LINE DATA—Continued

LINE TERMINALS		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak—(mw) Same as December				
Normal Flow of Power					11A–12N	1P–2P	9A–10A	9A–10A	
From— (1)	To— (2)				April (6) 14	August (7) 8	October (8) 30	December (8) 22	Annual peak (10)
Stanton	Lackawanna	10.87	230	845 (1,2)	20	(112)	(38)	(9)	
Stanton	Susquehanna No. 1	12.44	230	845 (1,5)	(96)	(53)	0	(98)	
Stanton	Susquehanna No. 2	12.44	230	845 (1,5)	(116)	(62)	(98)	(110)	
Sunbury	Elimsport	25.64	230	550 (1)	(37)	53	57	18	
Sunbury	Frackville No. 3	36.57	230	550 (7)	116	79	89	111	
Sunbury	Susquehanna No. 1	43.92	230	751 (1)	111	101	98	176	
Susquehanna	East Palmerton	43.20	230	894 (1)	0	11	53	64	
Susquehanna	Harwood	12.89	230	894 (1)	105	70	32	124	
Susquehanna	Jenkins	26.40	230	717 (1)	121	86	110	94	
Susquehanna	Transformer No. 20	1.91	230	–	5	4	5	10	
West Hempfield	Manor No. 2	8.99	230	641 (1)	(11)	66	33	1	
West Shore	Steelton	12.34	230	968 (1)	87	46	36	70	
Whitpain	Buxmont	16.98	230	647 (1)	(120)	(148)	(73)	115	
Allentown	Siegfried No. 1	10.36	138	255 (1)	0	(32)	(16)	0	
Allentown	Siegfried No. 2	10.36	138	255 (1)	0	(19)	0	(26)	
Conestoga	Perryville P5	17.89	138	20 (3)	0	0	0	0	
Conestoga	Perryville P6	17.89	138	20 (3)	0	0	0	0	
Conestoga	Perryville P7	17.89	138	20 (3)	9	4	3	4	
Conestoga	Perryville P8	17.89	138	20 (3)	8	5	3	4	
Sunbury	Lewisburg	12.25	138	20 (3)	17	17	15	22	
Freemansburg	Holland Junction	5.27	115	82 (3)	(9)	(24)	(10)	(6)	
Face Rock	Five Forks No. 1	8.62	110	114 (3)	(13)	(2)	(12)	(8)	
Face Rock	Five Forks No. 2	8.60	110	114 (3)	(13)	(3)	(11)	(8)	

mw.=thousand kilowatts.

Schedule 18 B—Continued

HIGH VOLTAGE LINE DATA—Continued

LINE TERMINALS		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak—(mw)				
Normal Flow of Power					11A–12N	1P–2P	9A–10A	9A–10A	Annual peak (10)
From— (1)	To— (2)				April 14 (6)	August 8 (7)	October 30 (8)	December 22 (9)	
Berks	South Akron No. 2	22.11	66	62 (1)	21	22	35	28	
Blooming Grove	Mt. Pocono	33.58	66	101(1,4,12)	20	19	21	32	
Buxmont	Quakertown	9.06	66	122 (1)	135	27	23	39	
Cumberland	West Shore No. 2	16.31	66	89 (1)	18	21	15	26	
Face Rock	Engleside No. 2	14.00	66	125 (1,2)	26	39	30	40	
Face Rock	Kinzer No. 13	18.66	66	53 (7)	24	9	23	29	
Face Rock	Kinzer No. 14	18.70	66	52 (7)	13	12	14	16	
Face Rock	Manor No. 16	8.34	66	55 (7)	8	45	23	44	
Face Rock	Yoe No. 11	1/ 14.74	66	48 (7)	15	14	9	17	
Face Rock	Yoe No. 12	1/ 14.74	66	48 (7)	17	12	8	19	
Fishbach	Pine Grove	13.84	66	81 (1)	30	29	22	37	
Frackville	Cressona	19.17	66	56 (1)	34	31	35	39	
Harwood	East Hazleton No. 2	5.80	66	125 (1,4)	39	29	31	39	
Holtwood	Face Rock Span No. 695	–	66	122 (1)	62	52	65	55	
Holtwood	Face Rock Span No. 697	–	66	122 (1)	39	27	18	37	
Holtwood	Face Rock Span No. 697	–	66	122 (1)	0	63	1	63	
Manor	Engleside No. 1	9.46	66	101 (7,9)	29	34	30	33	
Manor	Engleside No. 2	9.47	66	101 (7,9)	31	35	32	35	
Manor	Engleside No. 3	11.18	66	122 (1)	0	25	23	25	
Martins Creek	Nazareth No. 1	13.34	66	83 (1)	38	26	40	42	
Martins Creek	Nazareth No. 2	13.39	66	83 (1)	39	0	41	42	
Martins Creek	Nazareth No. 3	13.28	66	97 (7)	37	23	38	40	
Martins Creek	Stroudsburg	14.34	66	56 (1,4)	10	12	10	15	
Safe Harbor	Manor Span No. 692	–	66	67 (1)	(29)	(21)	30	(31)	
Safe Harbor	Manor Span No. 693	–	66	67 (1)	(39)	(21)	(34)	(27)	
Sunbury	Columbia	26.46	66	60 (1,7)	9	11	11	14	
Sunbury	Danville	17.40	66	90 (1,4)	23	21	20	25	
Sunbury	Dauphin	37.19	66	91 (1)	21	17	19	28	
Sunbury	Exchange No. 1	29.68	66	101 (4,9)	36	25	32	39	
Sunbury	Exchange No. 2	28.88	66	74(1,4,7)	17	18	17	22	
Sunbury	Frackville No. 1	34.13	66	52 (7)	21	19	20	28	
Sunbury	Lock Haven	39.60	66	125(1,4,7)	26	25	23	29	

Same as December

mw.=thousand kilowatts.

Schedule 18 B—Continued

HIGH VOLTAGE LINE DATA—Continued

LINE TERMINALS		Length of Each Line (miles) (3)	Operating Voltage (Kv.) (4)	Maximum Possible Loading (mw.) (5)	Line Load at Time of Monthly System Peak—(mw)				Same as December Annual peak (10)
Normal Flow of Power					11A–12N April (6) 14	1P–2P August (7) 8	9A–10A October (8) 30	9A–10A December (9) 22	
From— (1)	To— (2)								
Sunbury	Milton	13.34	66	56 (1)	20	13	11	19	
Sunbury	Milton Steel No. 1	13.34	66	56 (1,4)	10	3	18	9	
Sunbury	Thompsontown	27.00	66	125 (1,4)	41	35	38	53	
Wallenpaupack	Blooming Grove	6.52	66	103 (1)	(8)	(7)	0	(42)	
Wallenpaupack	Peckville	24.72	66	56 (1,4)	(6)	(5)	(6)	(9)	
West Shore	Carlisle No. 1	14.25	66	53 (4,7)	34	40	36	12	
West Shore	Carlisle No. 2	14.28	66	53 (4,7)	21	20	19	8	
West Shore	Harrisburg	9.54	66	56 (1)	32	41	32	16	

1/ Length of line is portion owned by PP&L Company.

mw.=thousand kilowatts.

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JAN 28 1983
SECRETARY'S OFFICE
Public Utility Commission

PENNSYLVANIA POWER & LIGHT COMPANY

APPENDIX B

DOCUMENT FOLDER

RESPONSE TO REGULATION IV-C-2

WITNESS: ANDREW J. BALDWIN

DOCKET NO. R-822169

Hbg E. Holbert 1/25/83

DOCKETED
JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

APPENDIX B

RESPONSE TO REGULATION IV-C-2

WITNESS: ANDREW J. BALDWIN

DOCKET NO. R-822169

INTRODUCTION

In response to regulation IV-C-2, the following provides graphical representation of the comparisons for present and proposed rates. Since proposed rates represent conditions where total energy costs are in base rates a comparison of proposed base rates with present base rates can be meaningful only if the rate case ECR of 3.814 mills/KWH (future test year without Susquehanna) is included in the present rate level. This pro-forma rate design is compared with the proposed base rate on pages 1 through 87. Total billings are presented as requested. Each graph also displays the short form expression for both present and proposed rate. Each rate schedule has a separate graph for:

- o present and proposed rate revenue comparison
- o dollar difference between present and proposed rates
- o % increase of proposed over present rates.

The graphical billing comparison - present and proposed rate (pro-forma base rate versus proposed base rate only) for the KWH rate RS is shown on pages 1 thru 3.

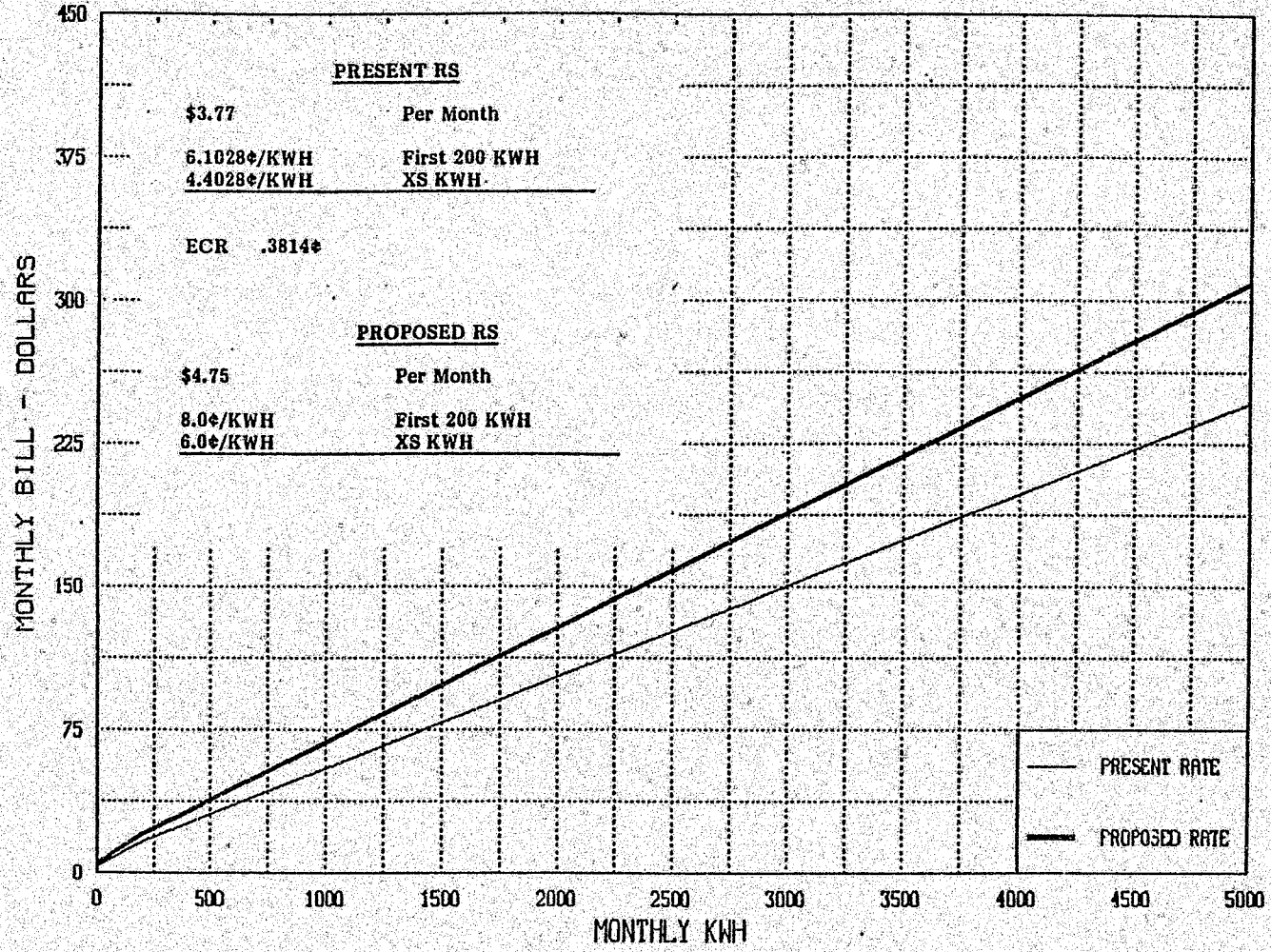
The general service rates with demand and energy charges (pro-forma base rate versus proposed base rate only) are displayed on pages 4 thru 87.

The KW demand levels selected for comparison are:

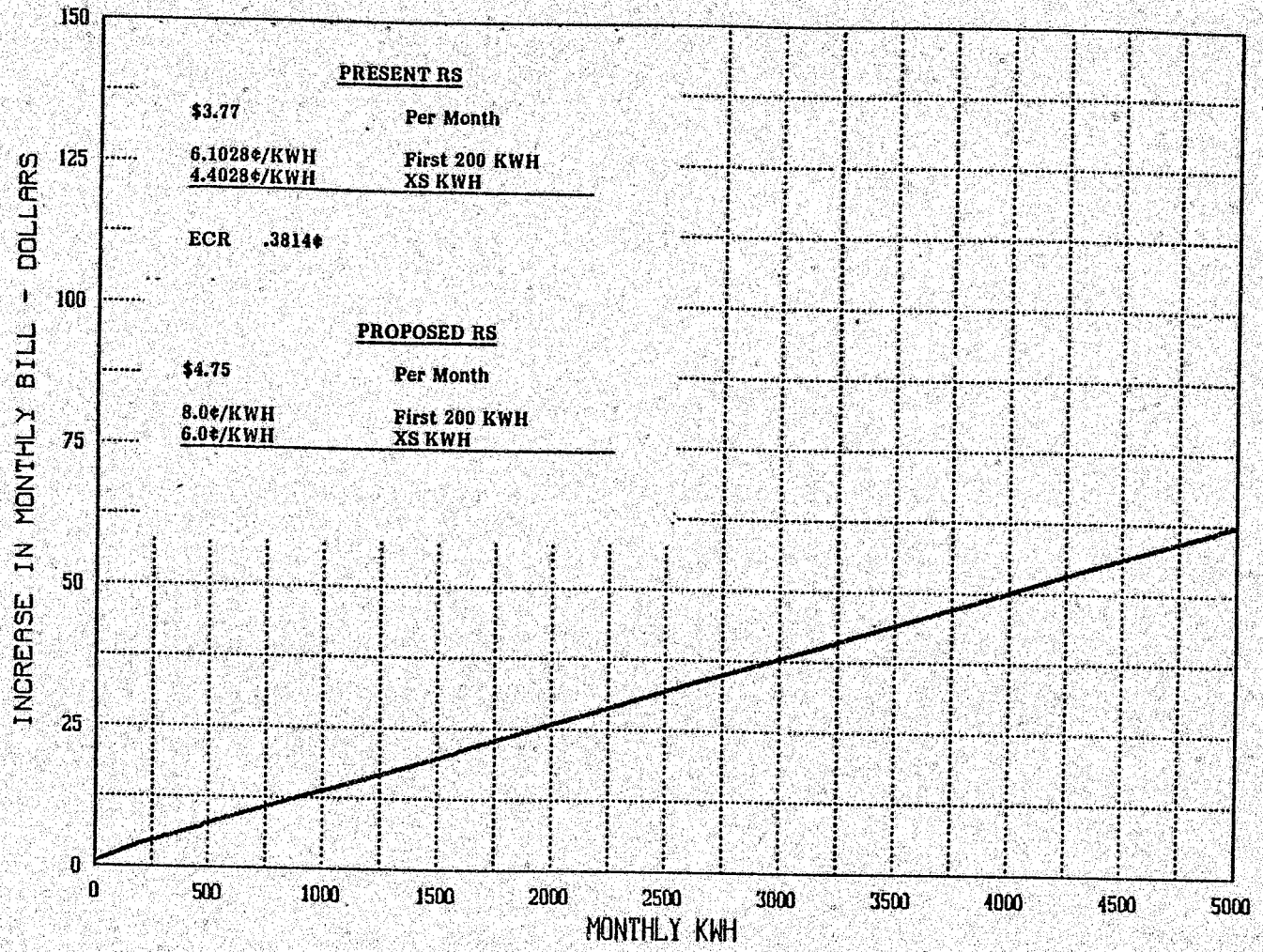
Rate Schedule	Low	Median	Average	High
GS-1	4	6	12	20
GS-3	25	50	100	200
LP-4	150	600	1,000	2,000
LP-5	1,000	2,500	3,000	6,000
LP-6	10,000	15,000	20,000	40,000
GH-4(R)	30	60	200	400
GH-1(R)	15	35	75	150

Pages 88 thru 174 contain rate comparison graphs for all of the forementioned general service rates at total revenue level which includes base rate, state tax surcharge (present 6.75%; proposed 6.30%), and the Energy Cost Rate for test year July 1983 of 3.814 mills/KWH for present and 0 Mills/KWH for proposed rates.

PROPOSED BASE RATE RS OVER PRESENT PRO-FORMA RS



PROPOSED BASE RATE RS OVER PRESENT PRO-FORMA RS



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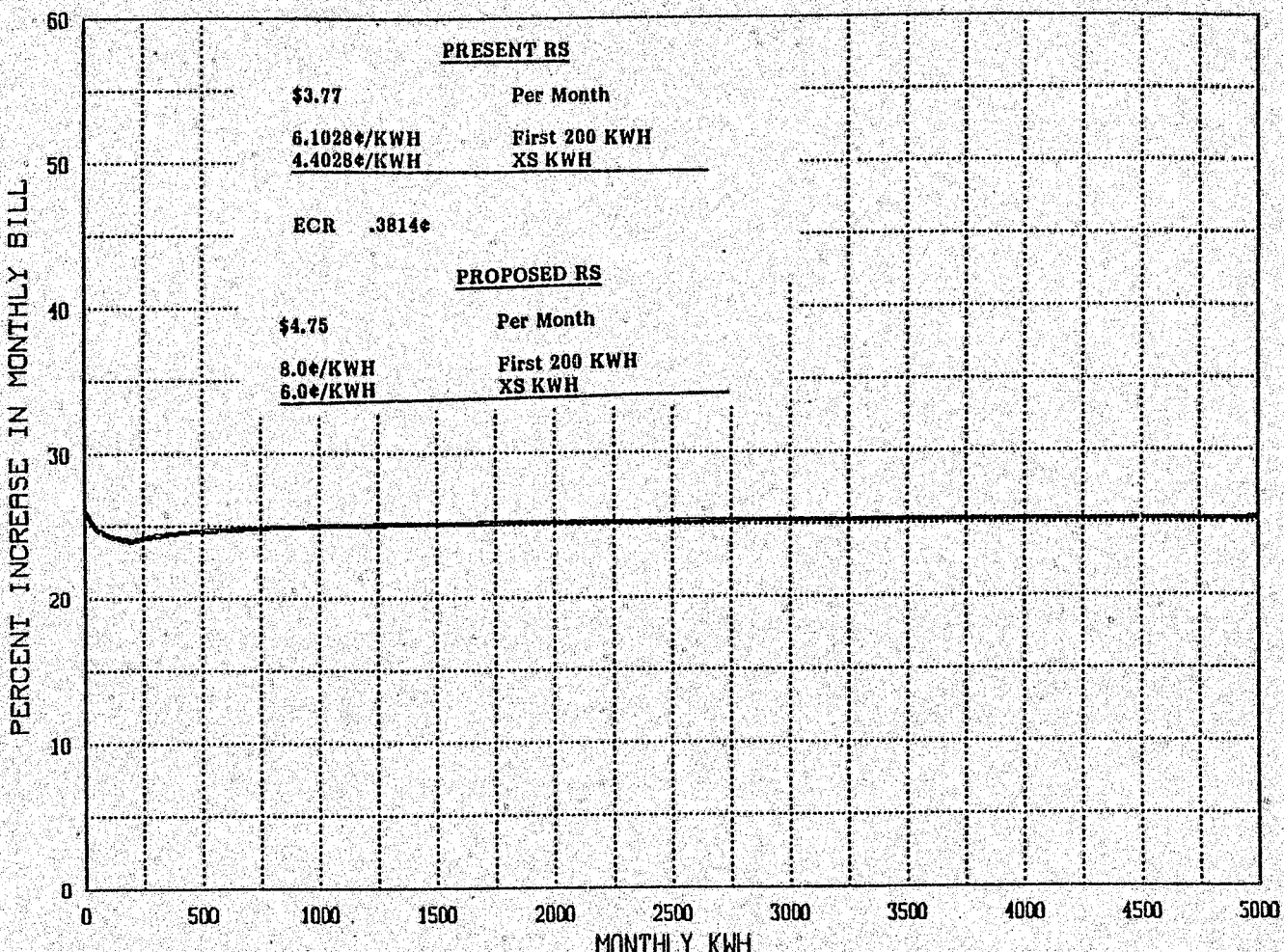
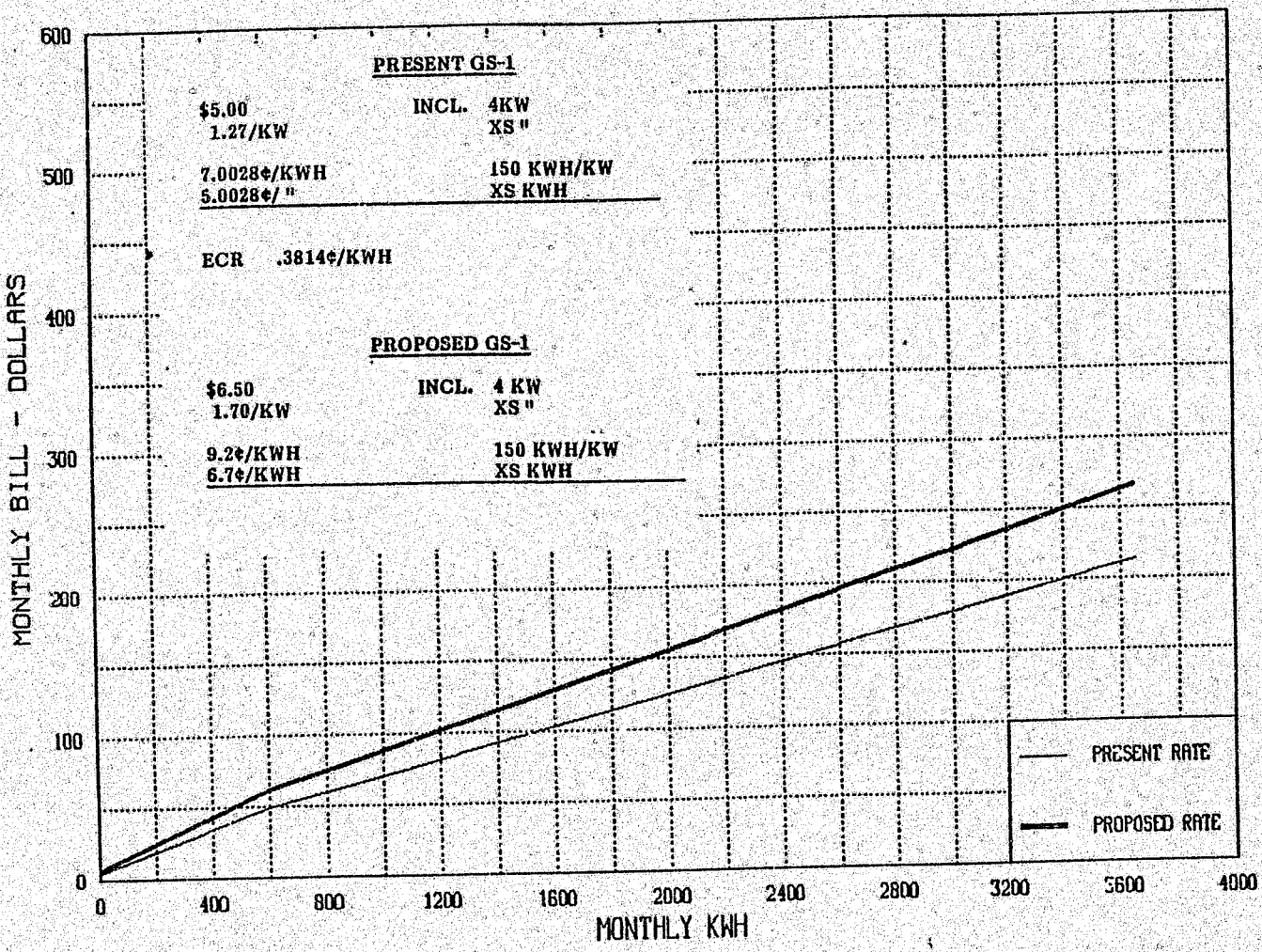
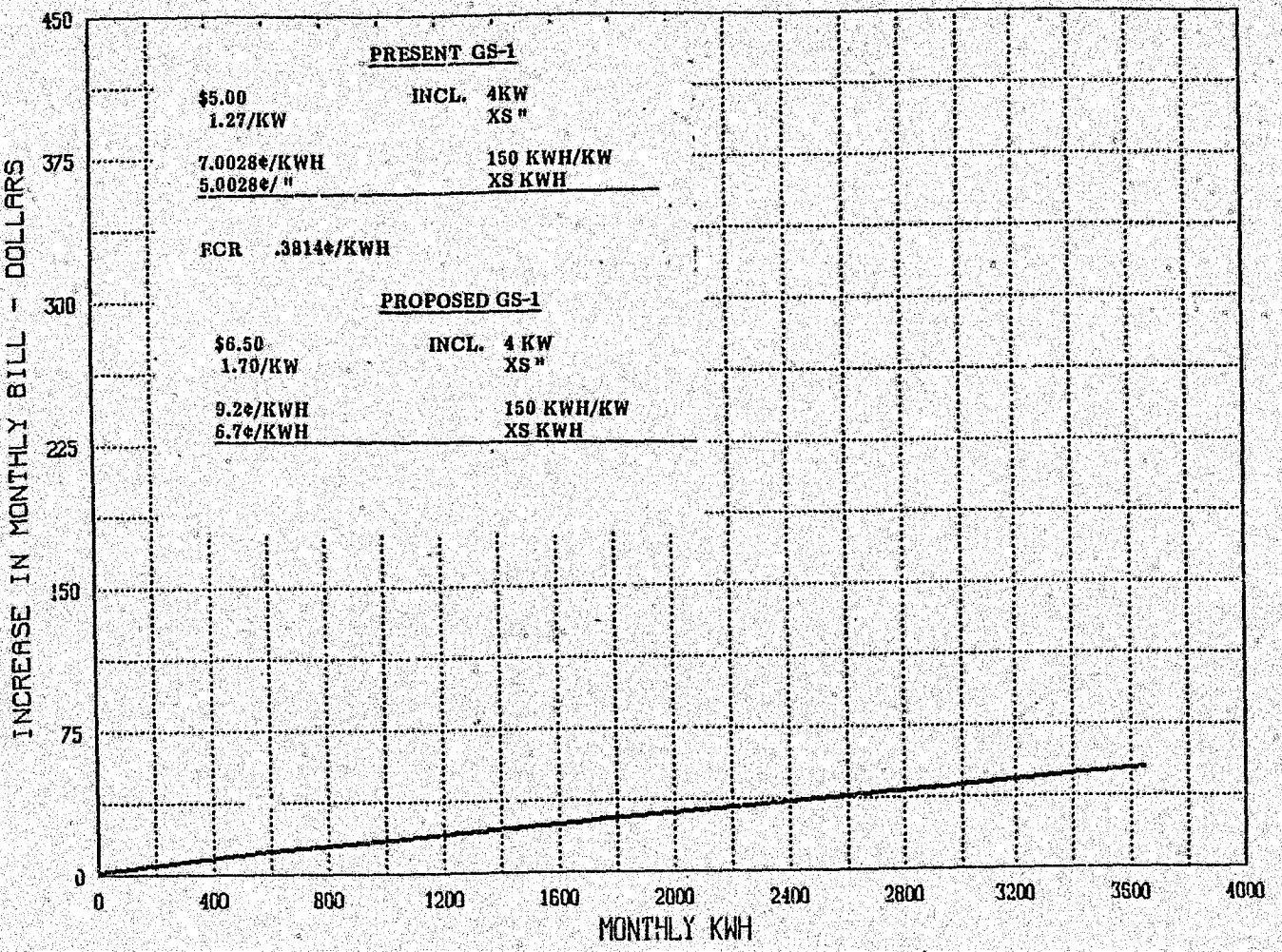


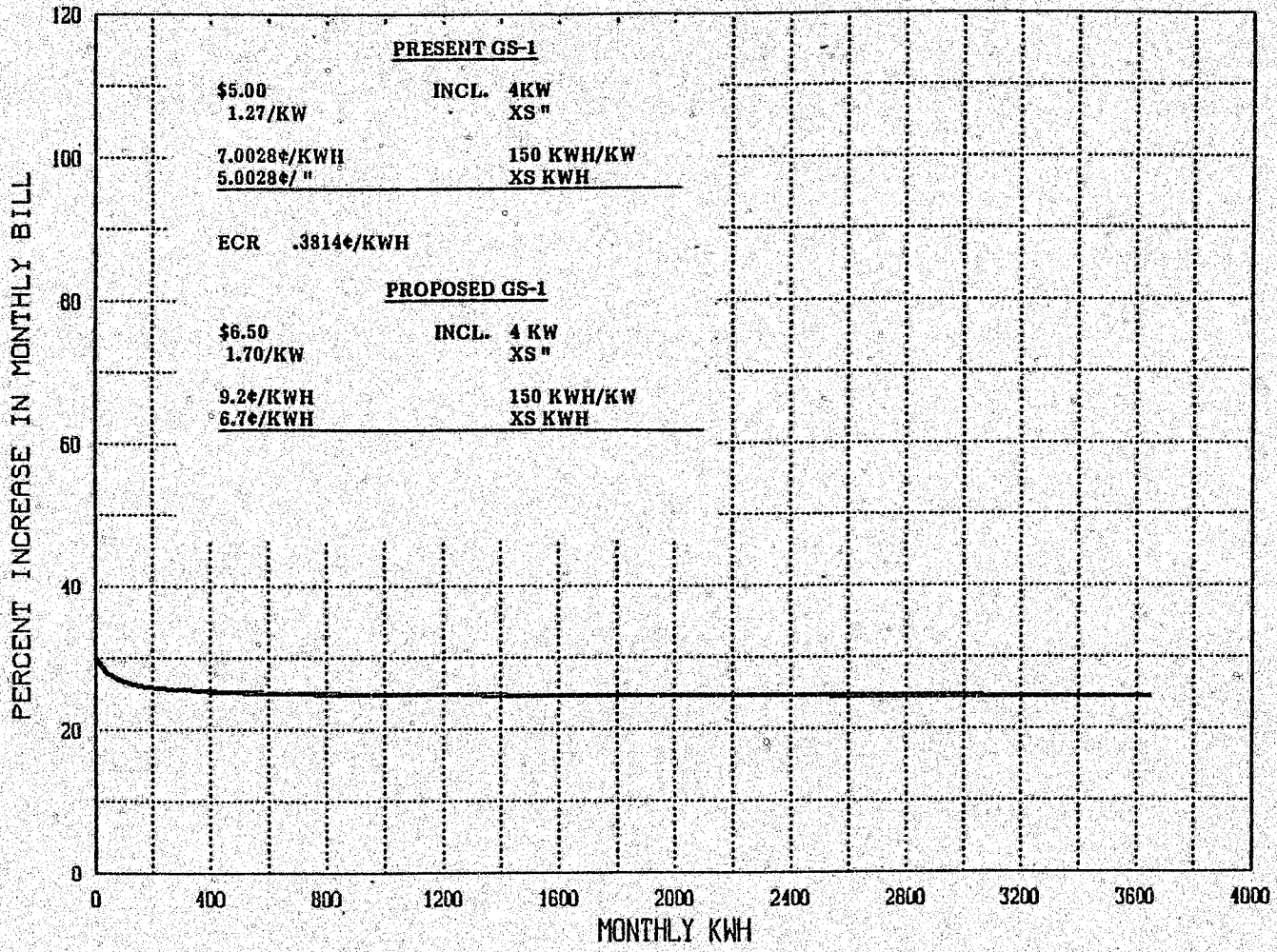
PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 4KW



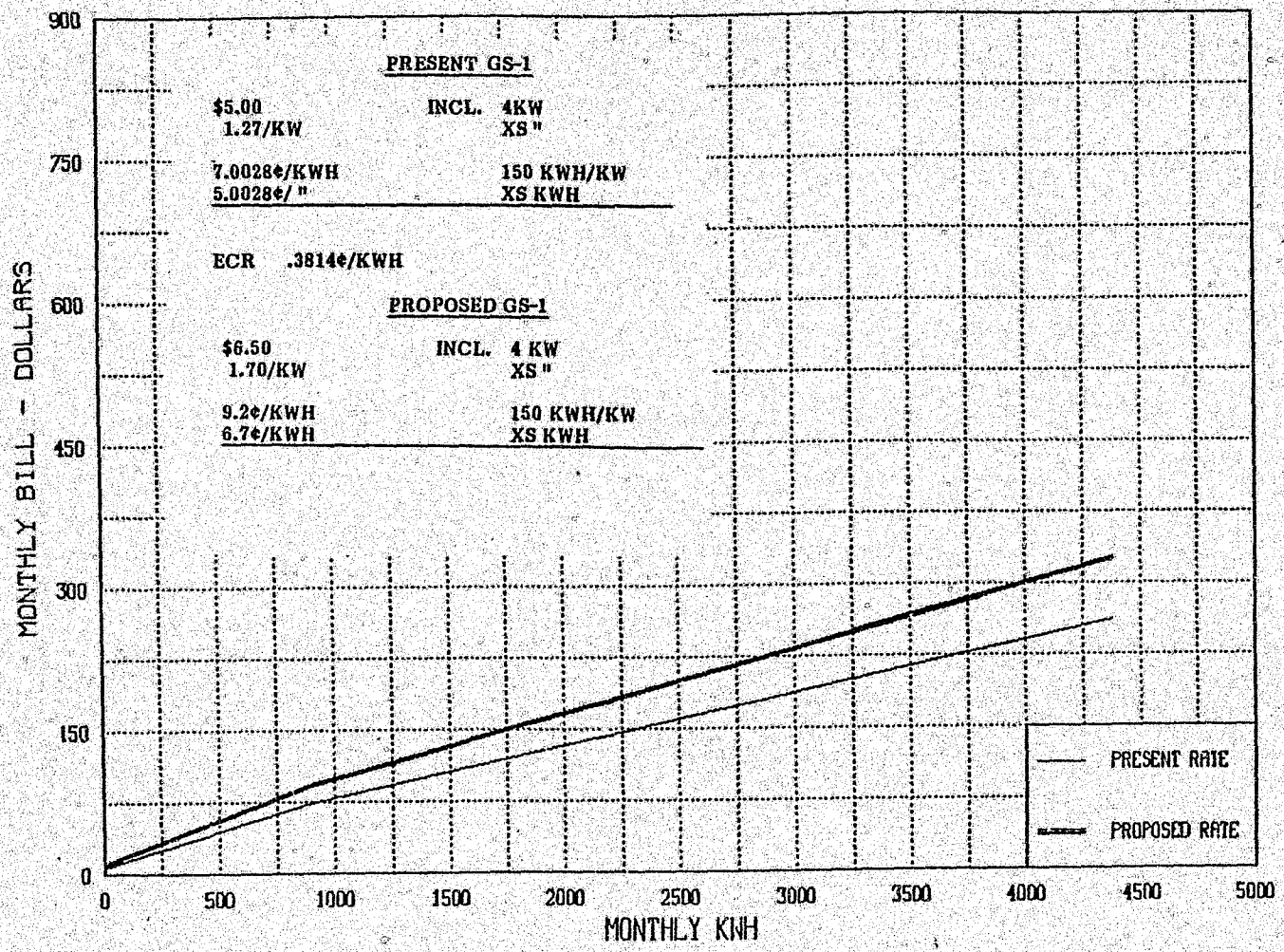
PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 4KW

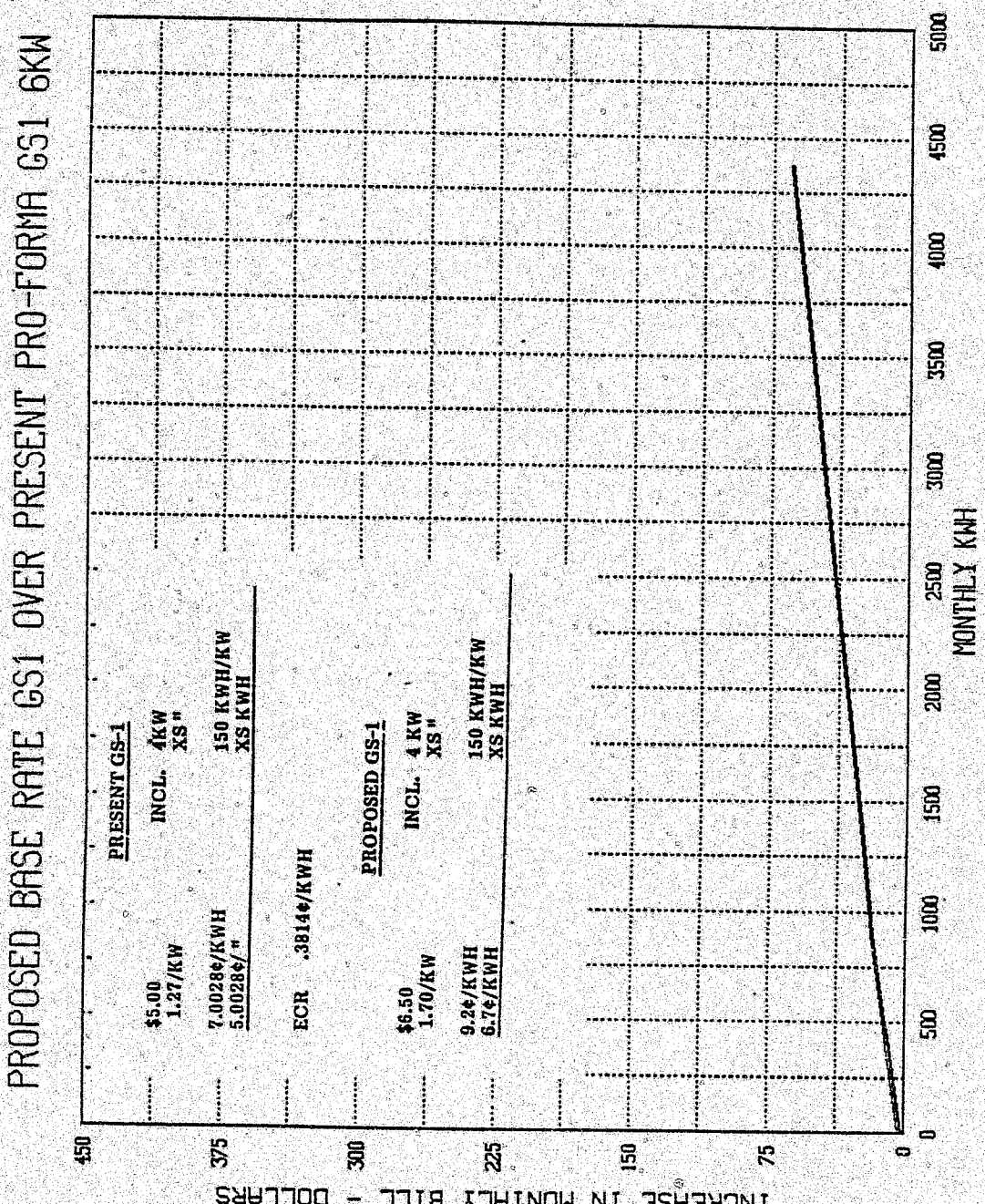


PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 4KW

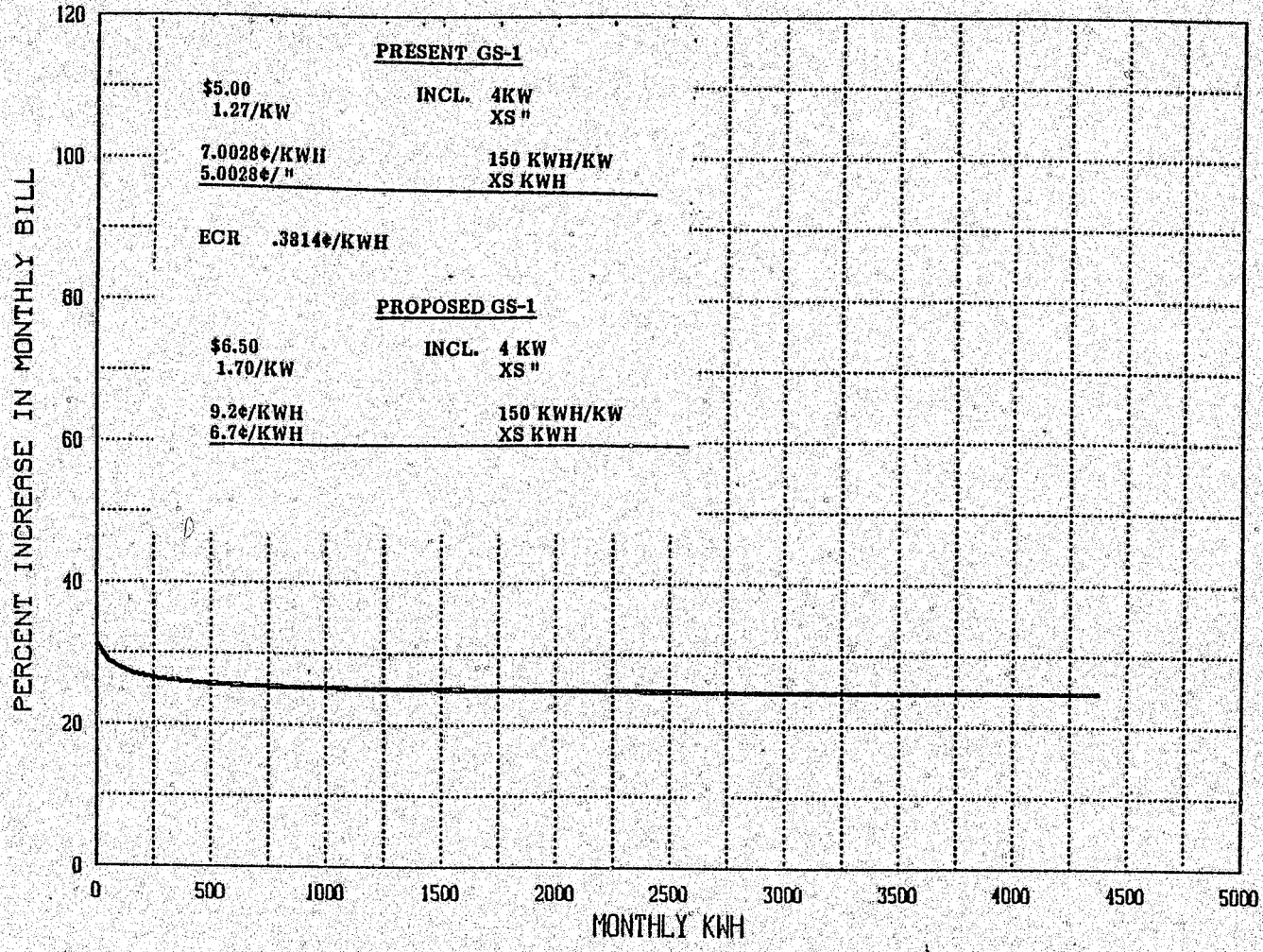


PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 6KW

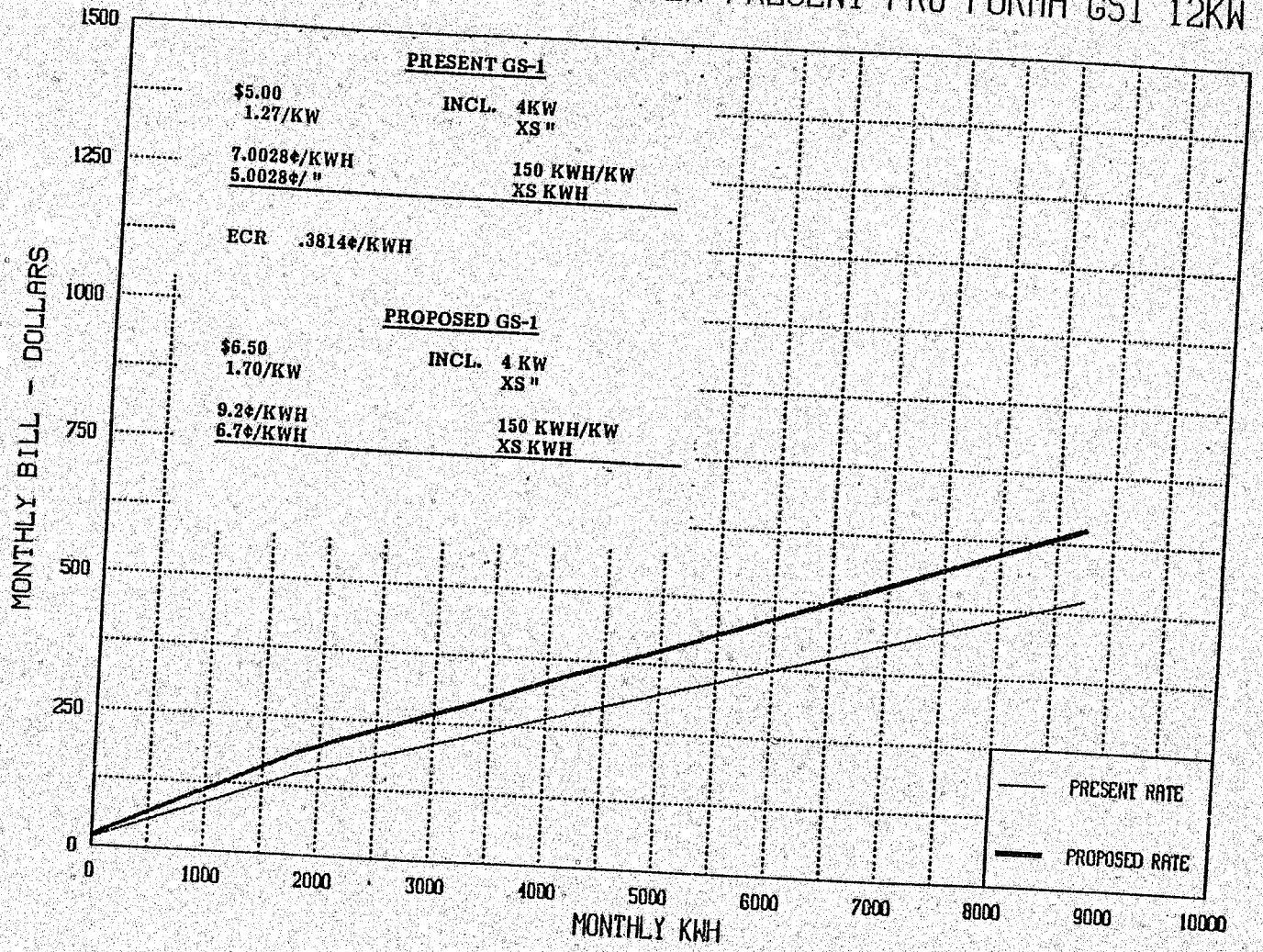



PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 6KW
INCREASE IN MONTHLY BILL - DOLLARS
MONTHLY KWH
0
75
150
225
300
375
450
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
PRESENT GS-1
$5.00
INCL. 4KW
1.27/KW
XS"
7.0028¢/KWH
150 KWH/KW
5.0028¢/"
XS KWH
ECR .3814¢/KWH
PROPOSED GS-1
$6.50
INCL. 4 KW
1.70/KW
XS"
9.2¢/KWH
150 KWH/KW
6.7¢/KWH
XS KWH

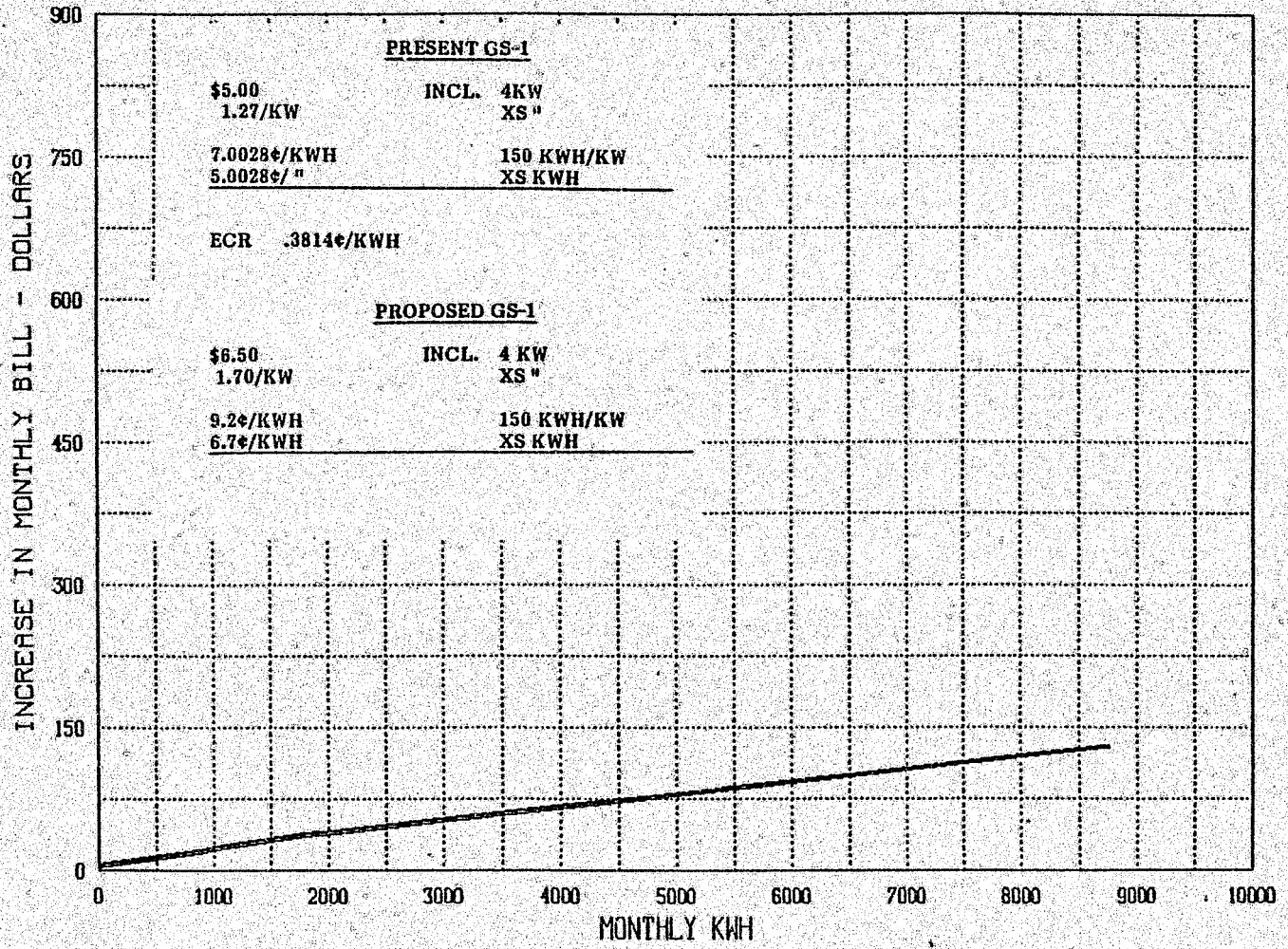
PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 6KW



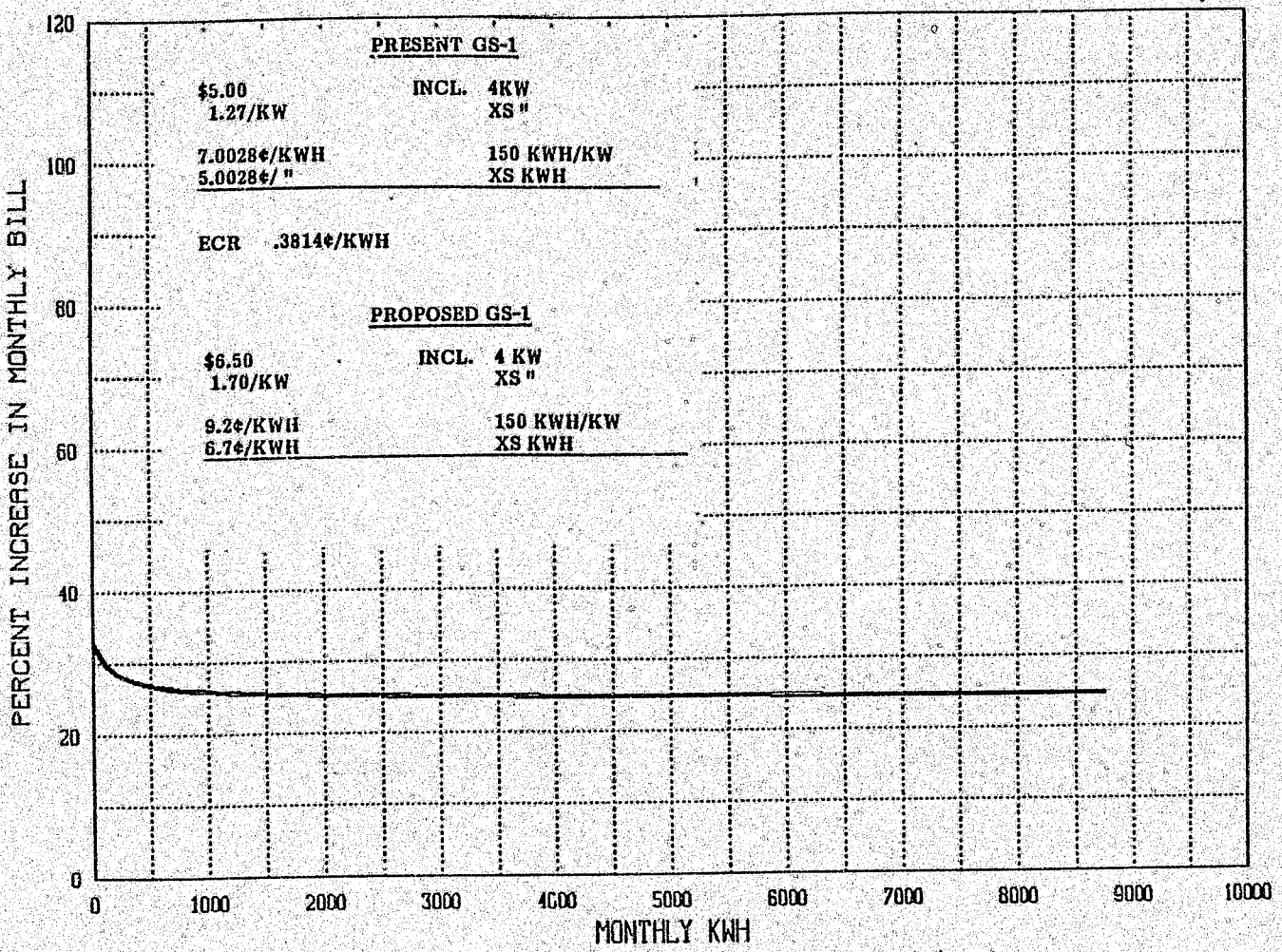
PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 12KW



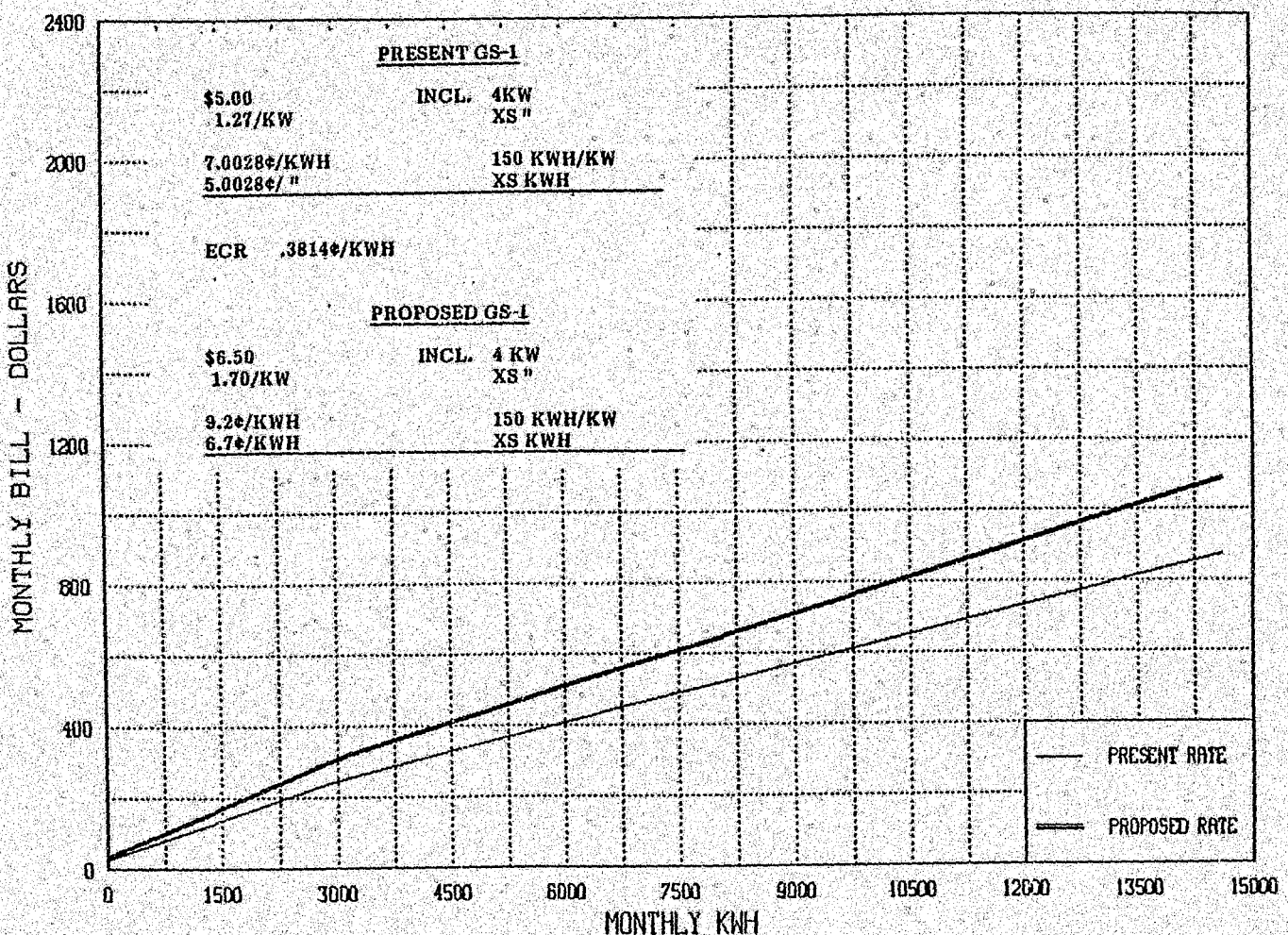
PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 12KW

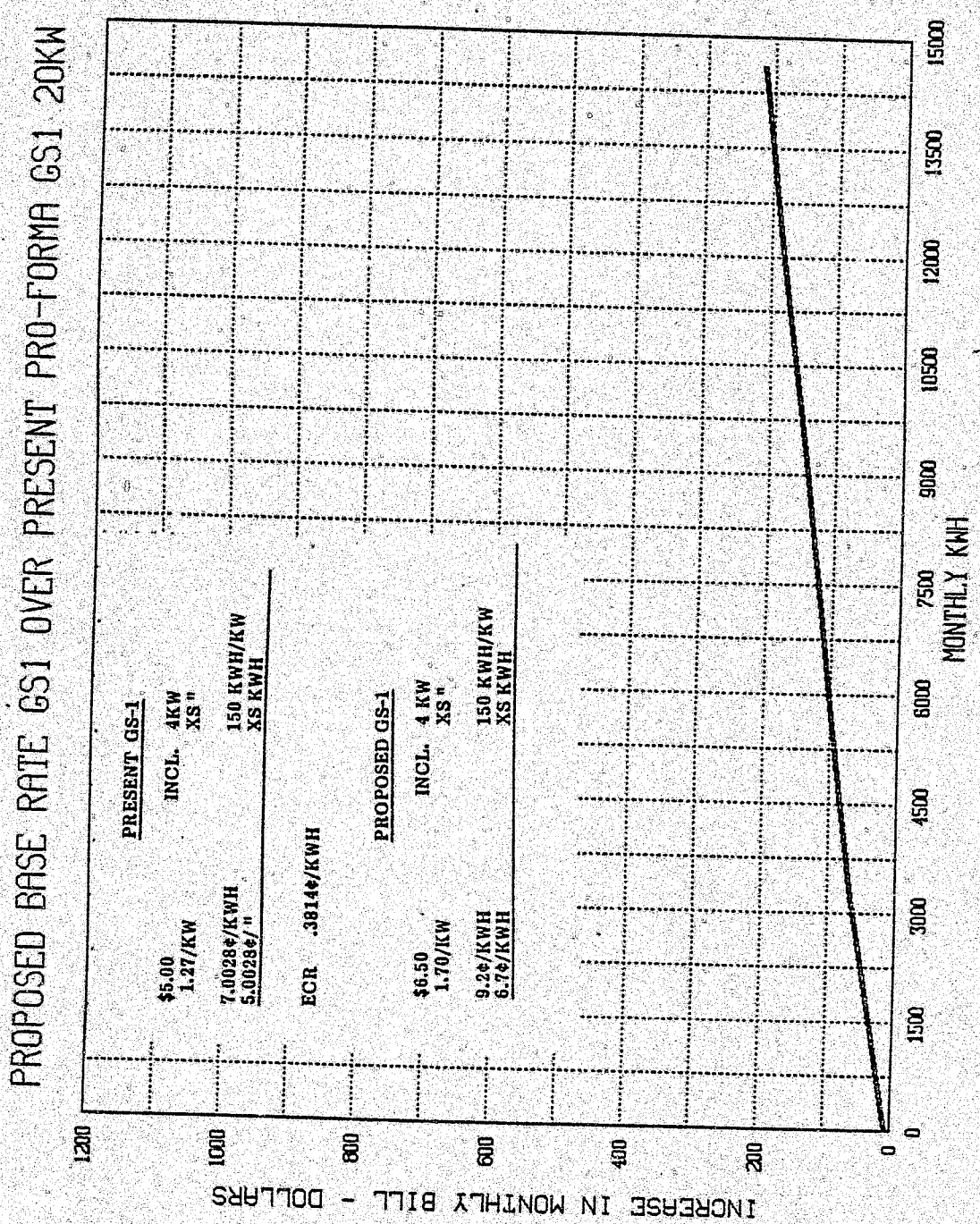


PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 12KW

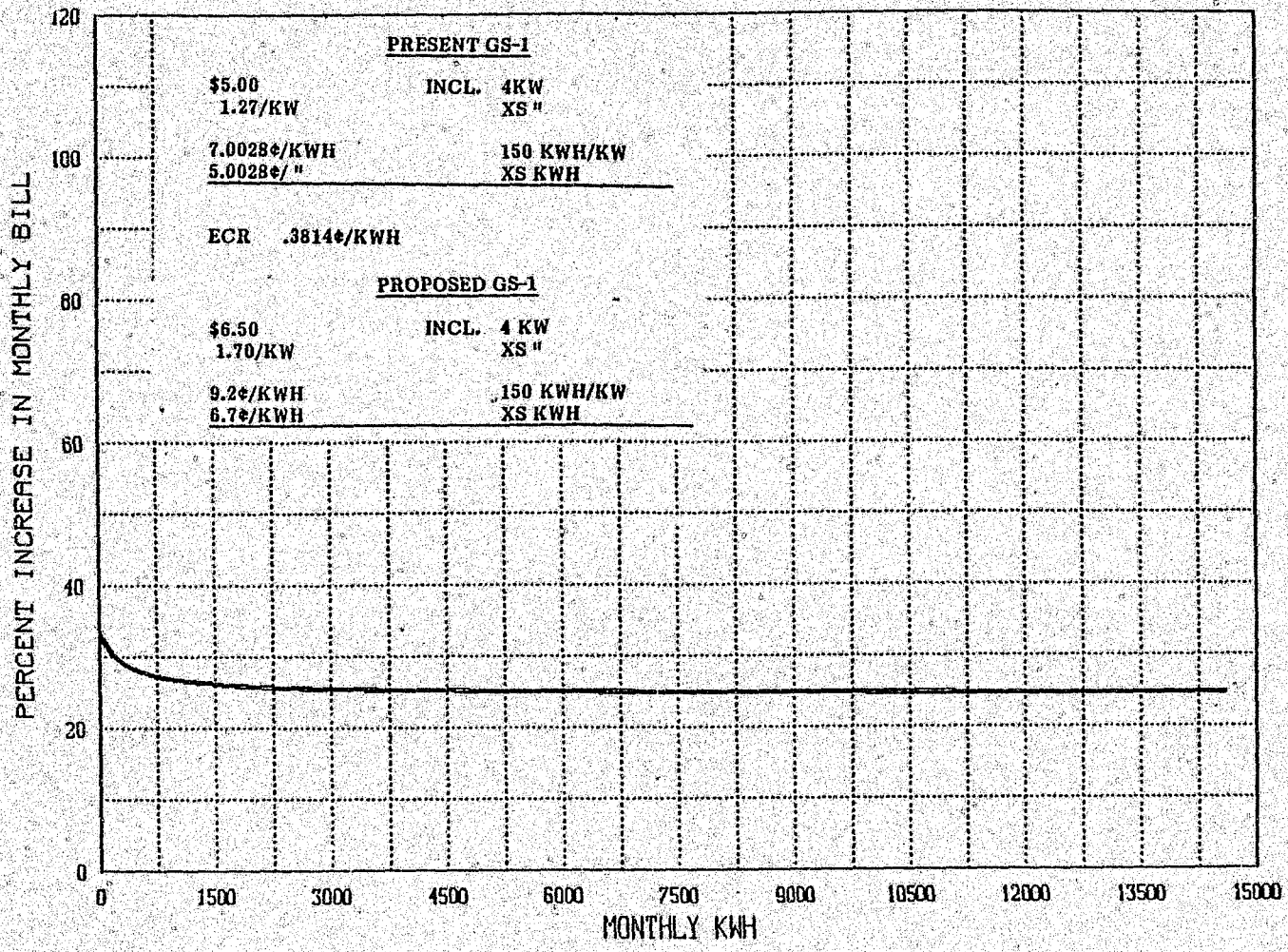


PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 20KW



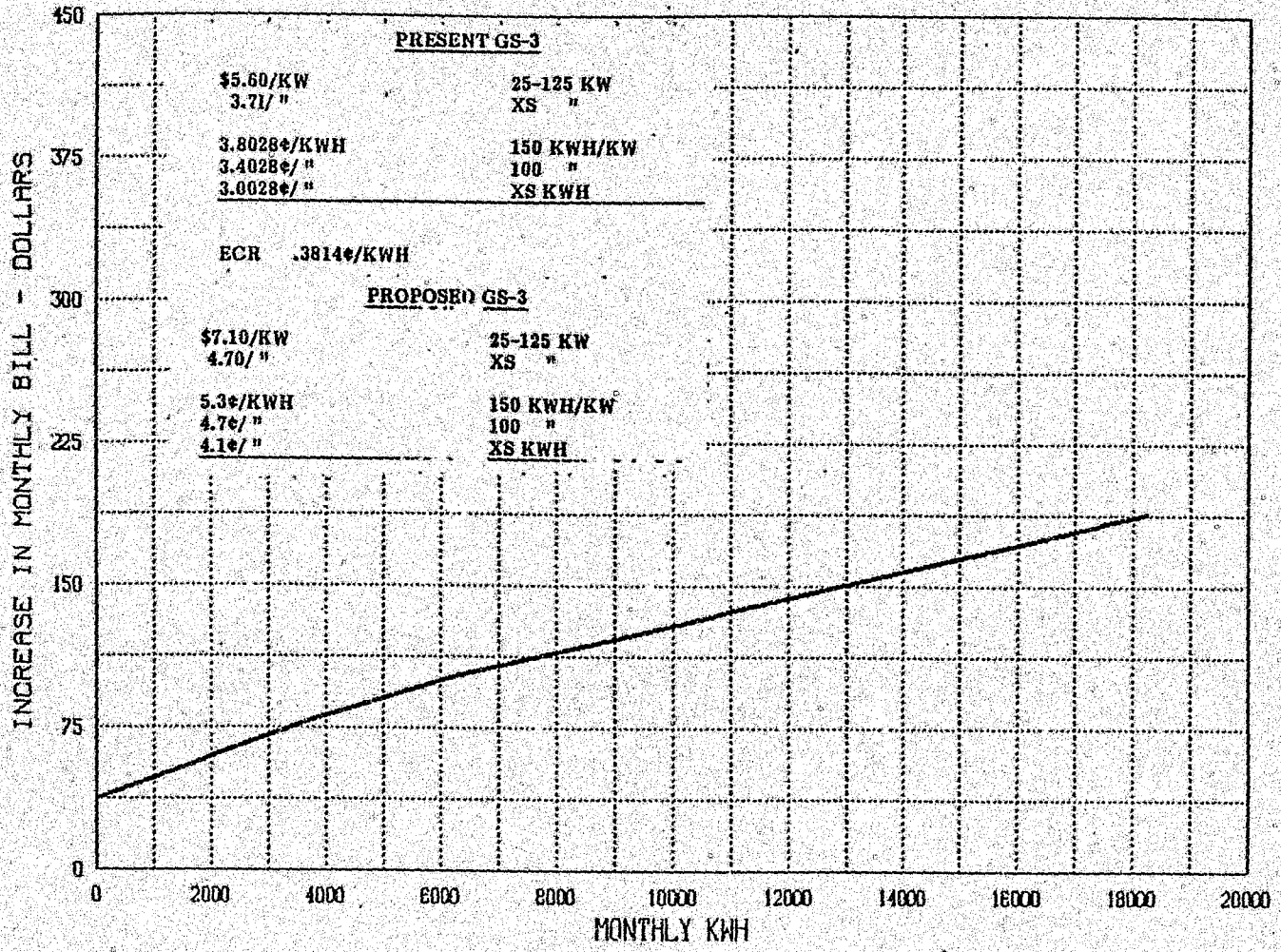

PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 20KW
PRESENT GS-1
$5.00
1.27/KW
7.0028¢/KWH
5.0028¢/"
INCL. 4KW
XS"
150 KWH/KW
XS KWH
ECR .3814¢/KWH
PROPOSED GS-1
$6.50
1.70/KW
9.2¢/KWH
6.7¢/KWH
INCL. 4 KW
XS"
150 KWH/KW
XS KWH
INCREASE IN MONTHLY BILL - DOLLARS
1200
1000
800
600
400
200
0
0
1500
3000
4500
6000
7500
9000
10500
12000
13500
15000
MONTHLY KWH

PROPOSED BASE RATE GS1 OVER PRESENT PRO-FORMA GS1 20KW



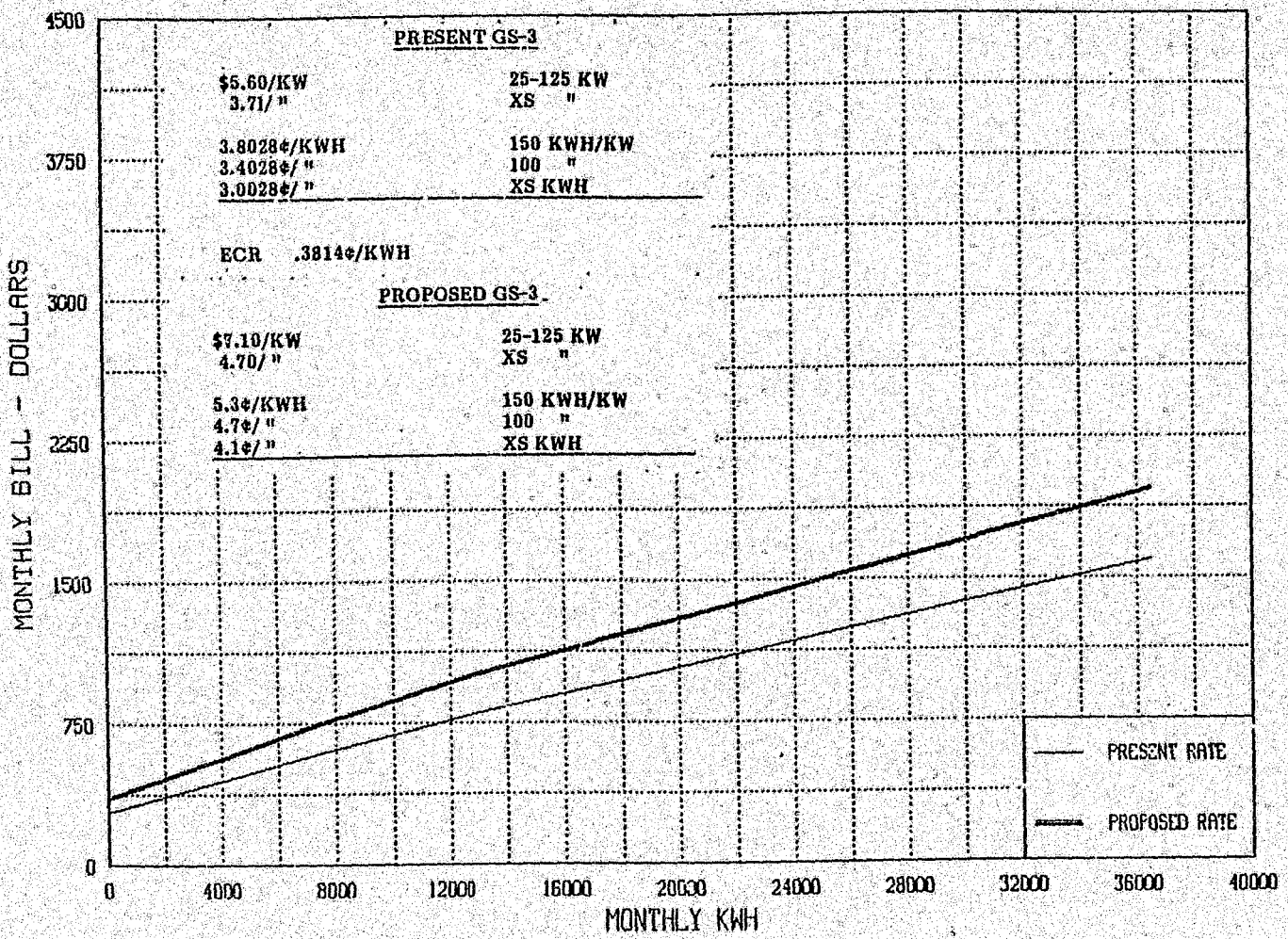
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 25KW

PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 25KW



PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 25KW

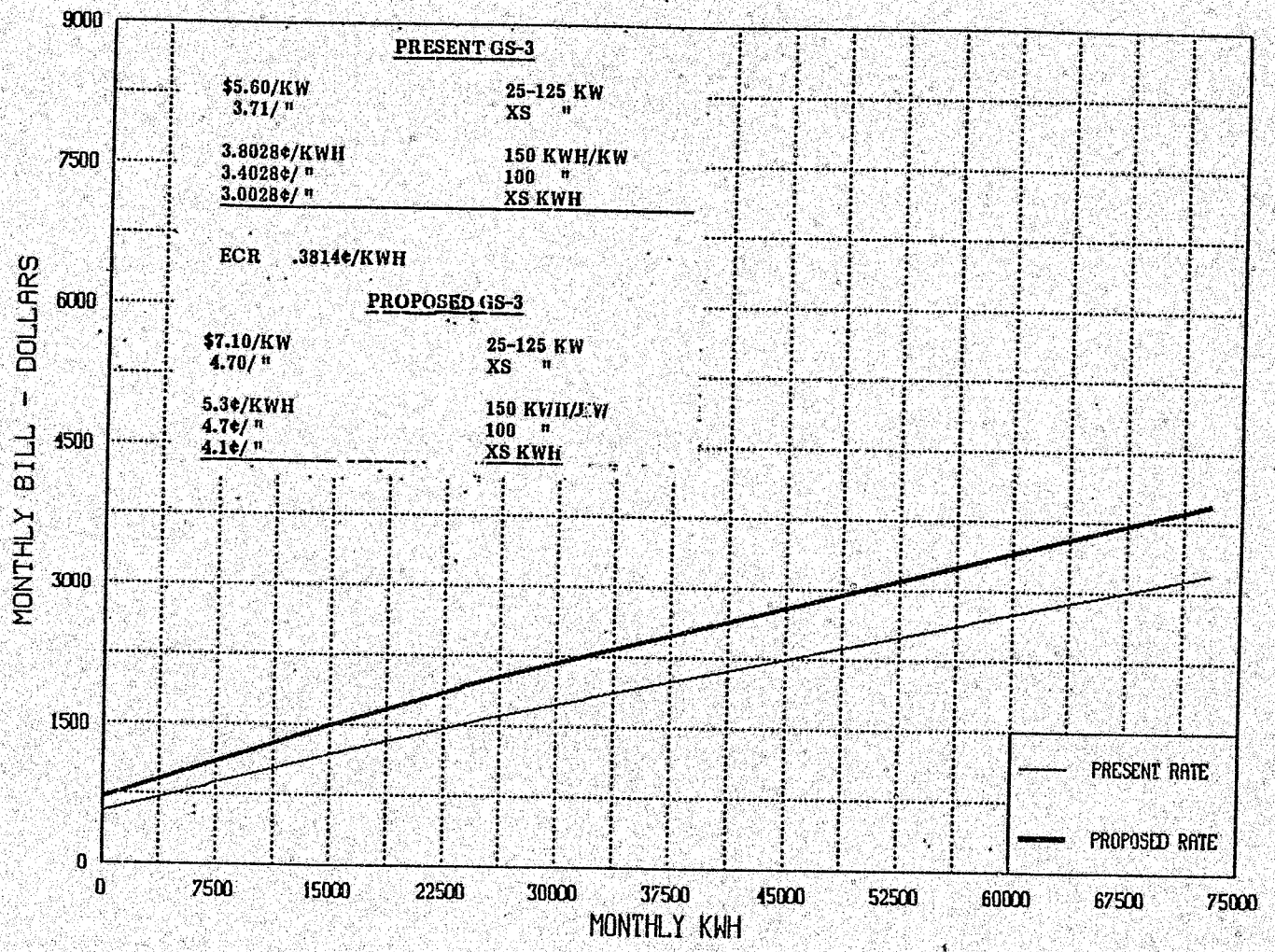
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 50KW



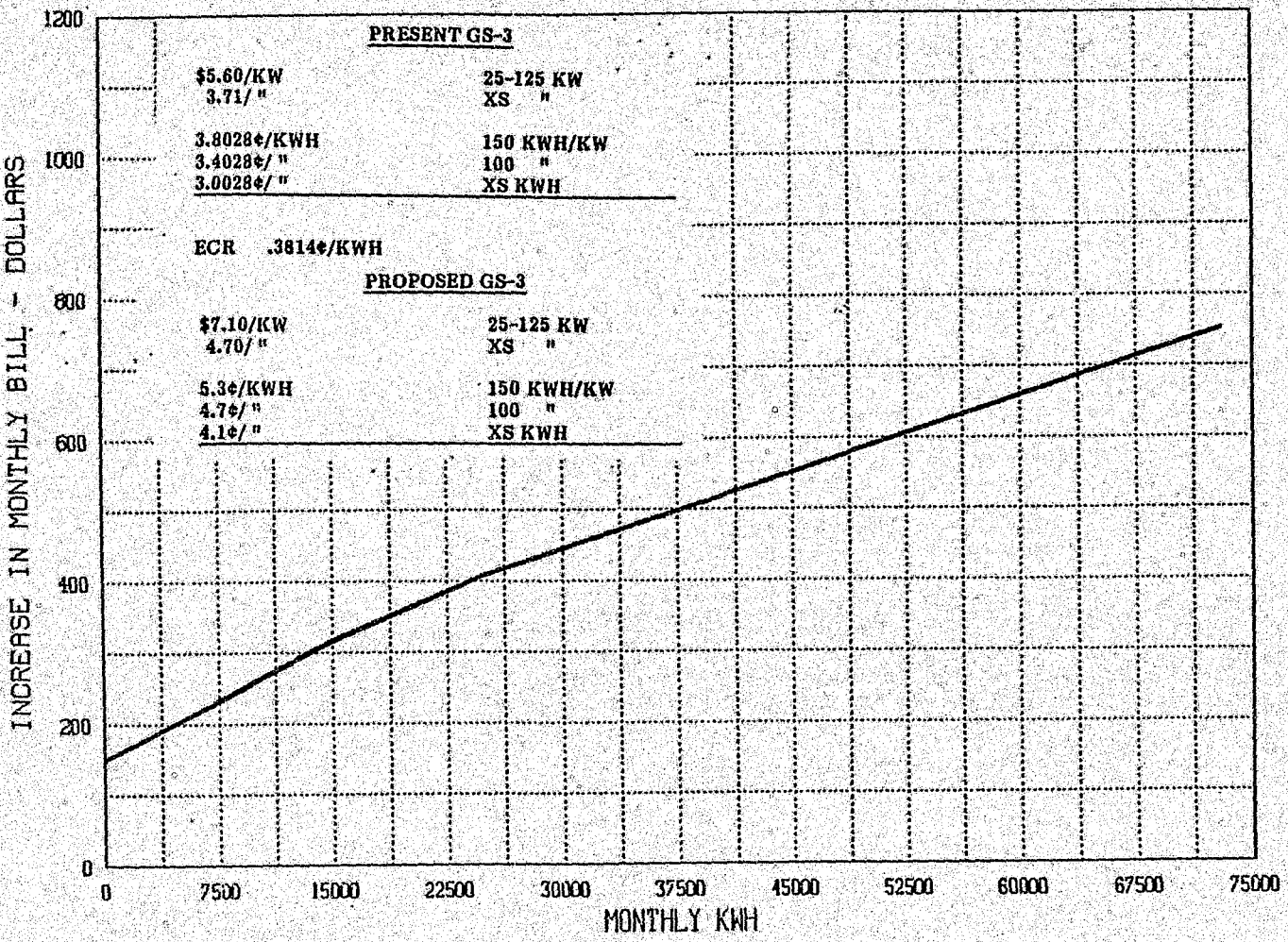
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 50KW

PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 50KW

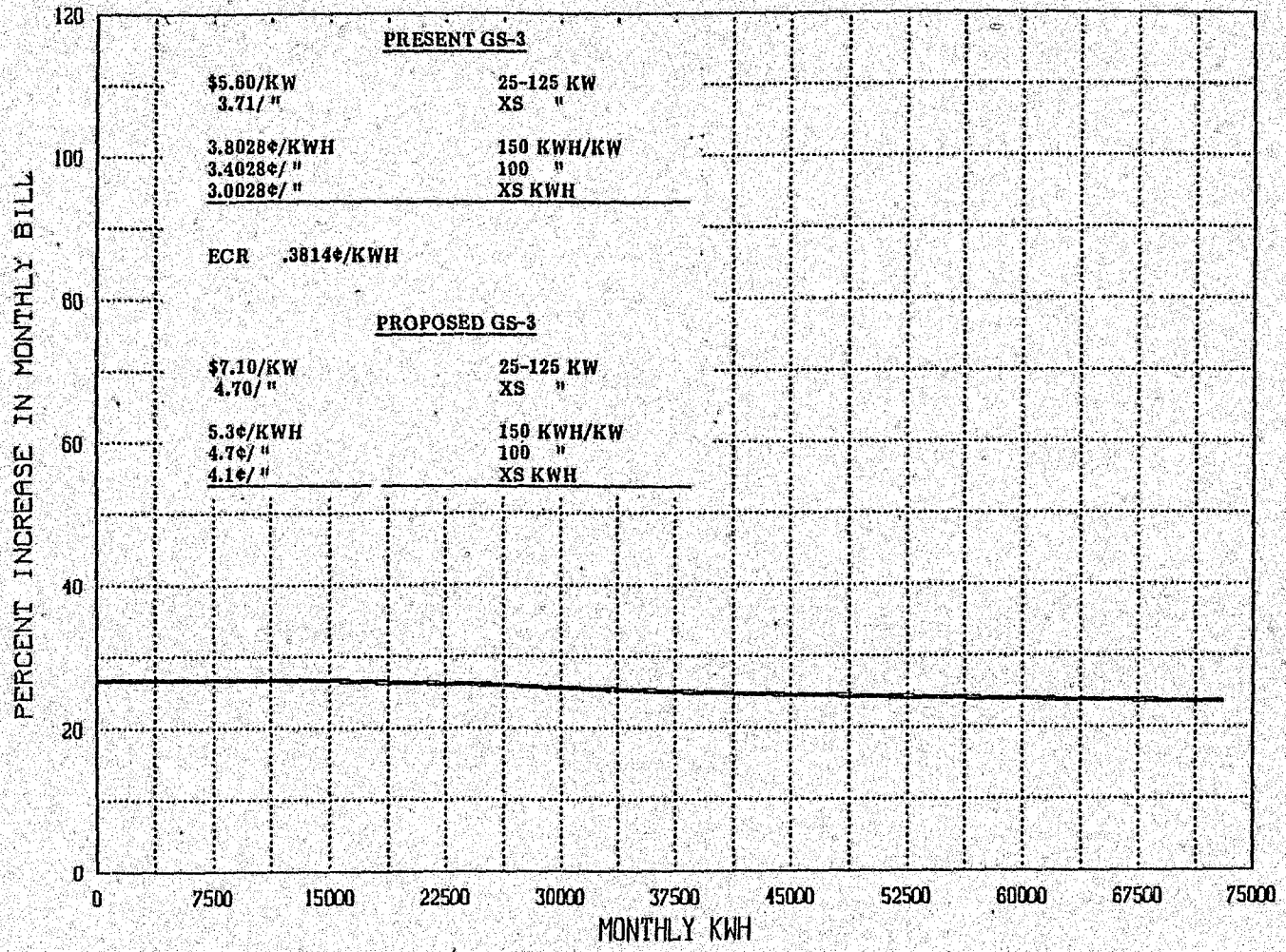
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 100KW



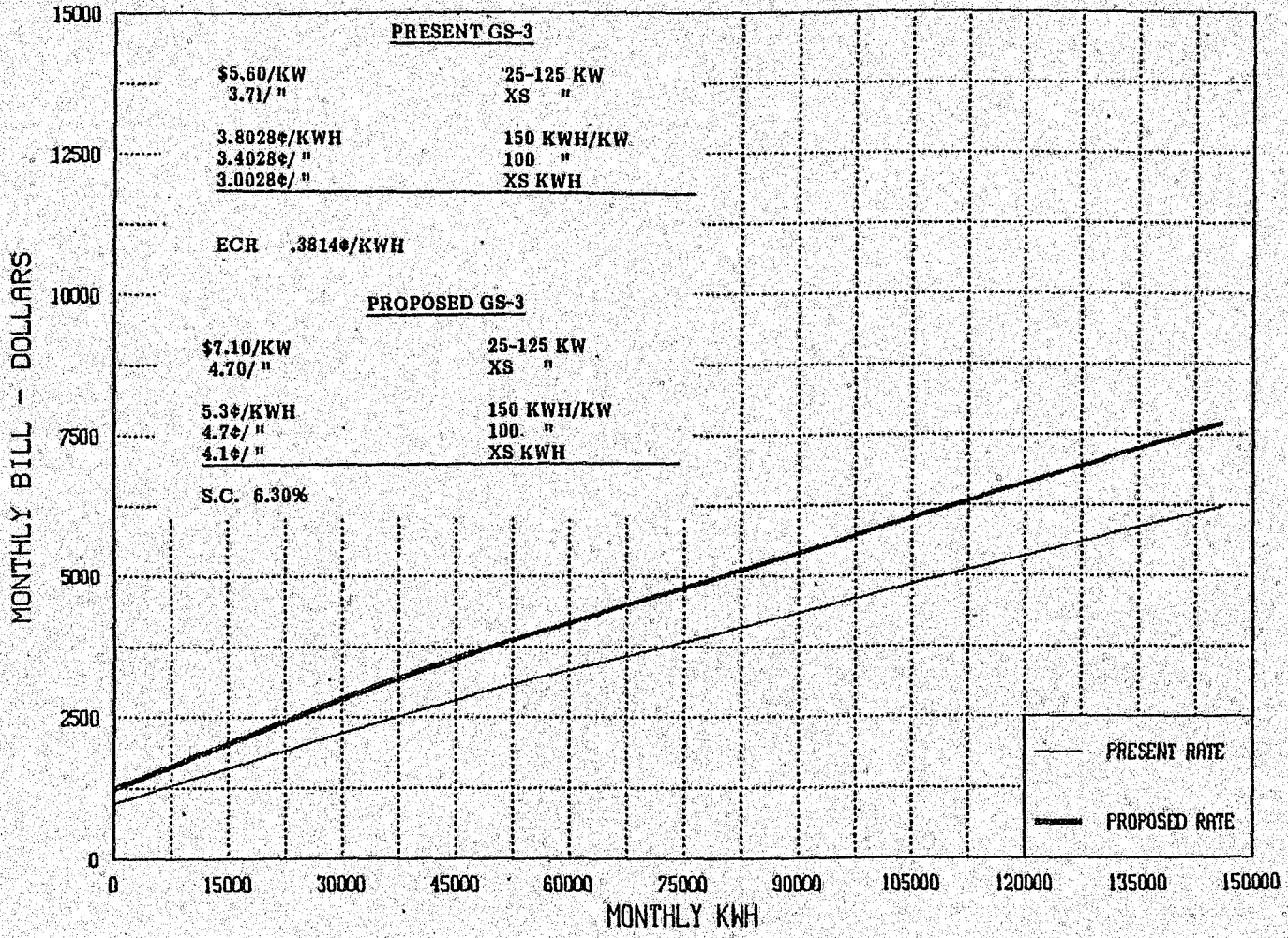
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 100KW



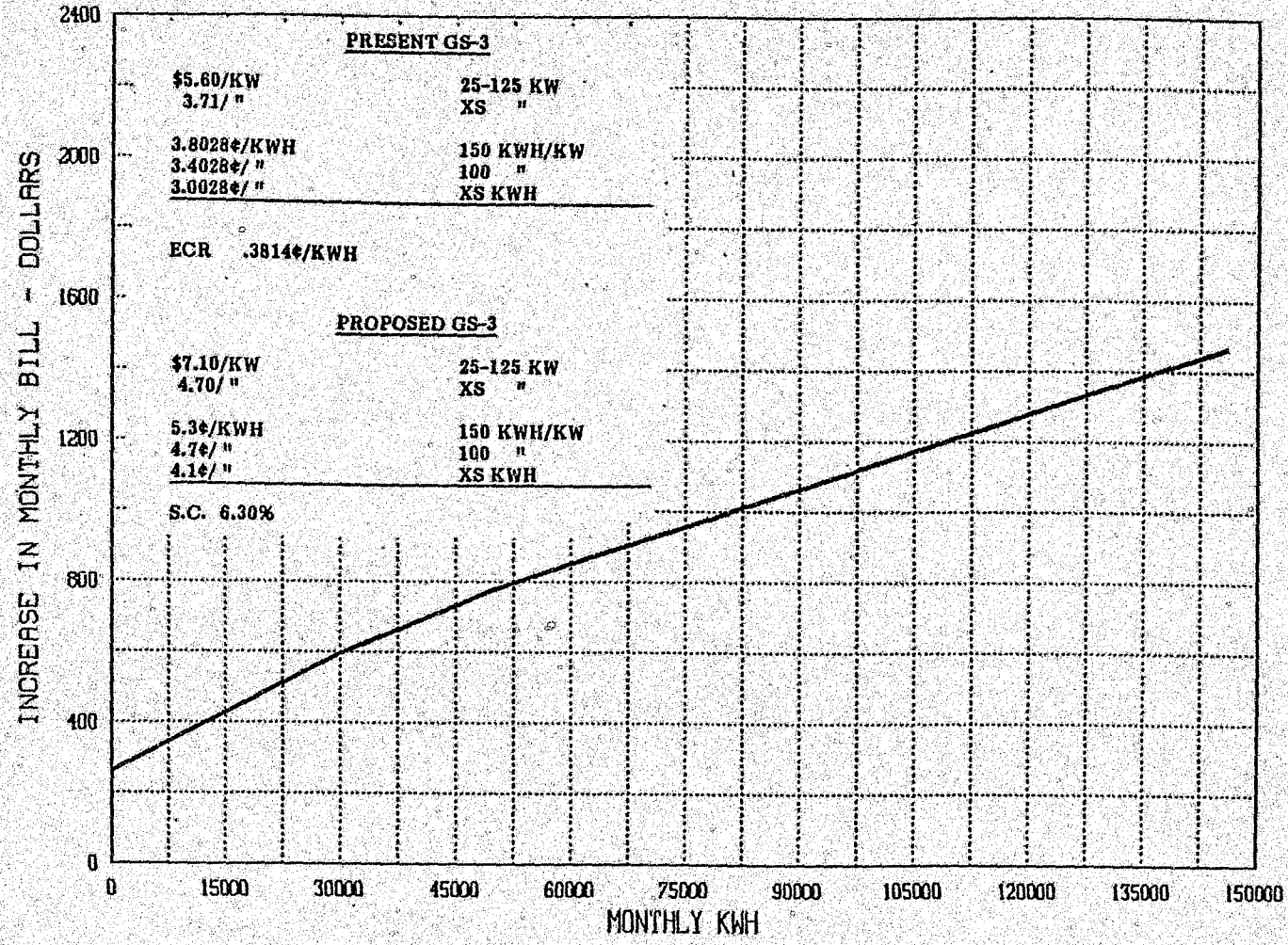
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 100KW



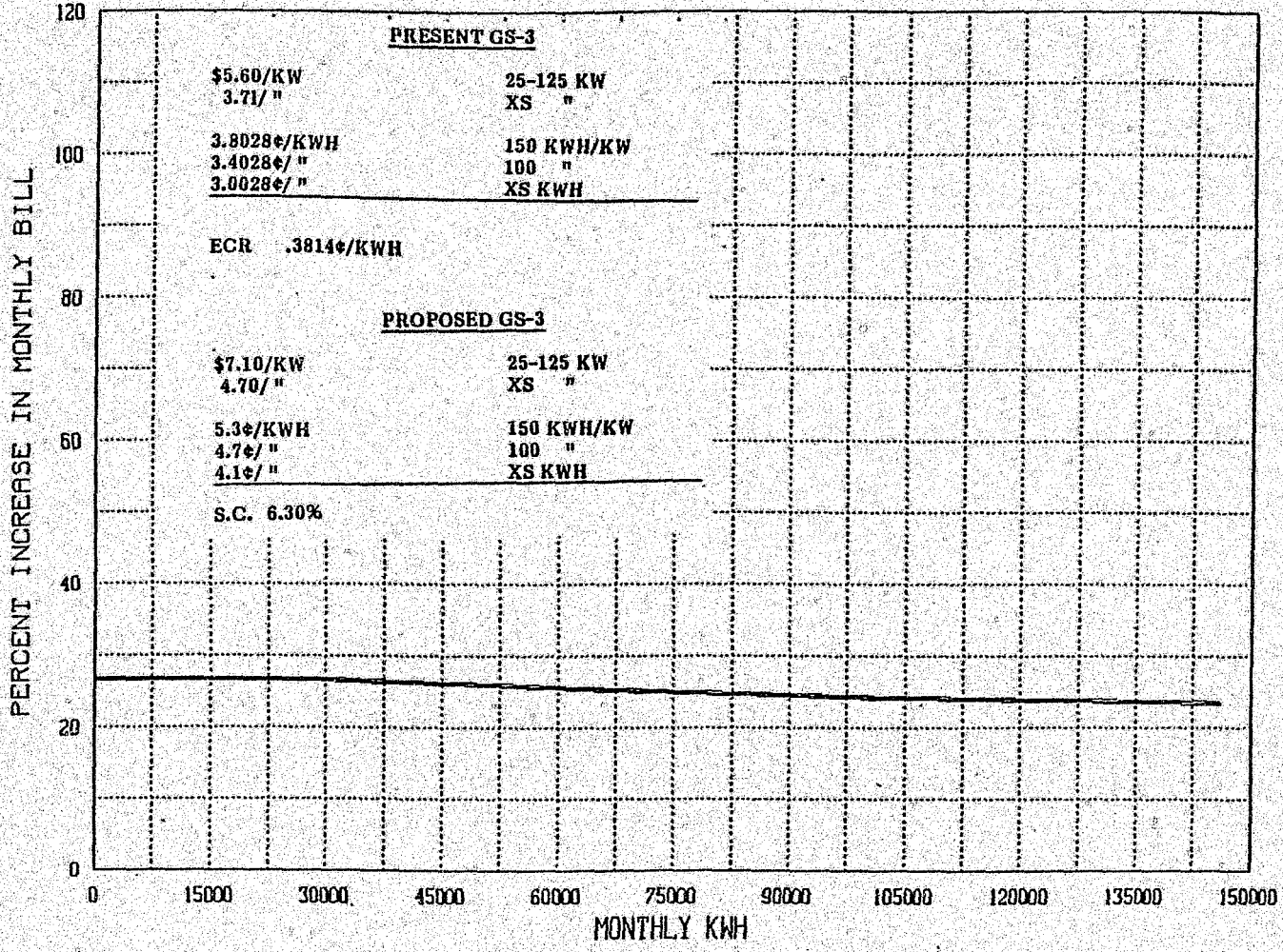
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 200KW



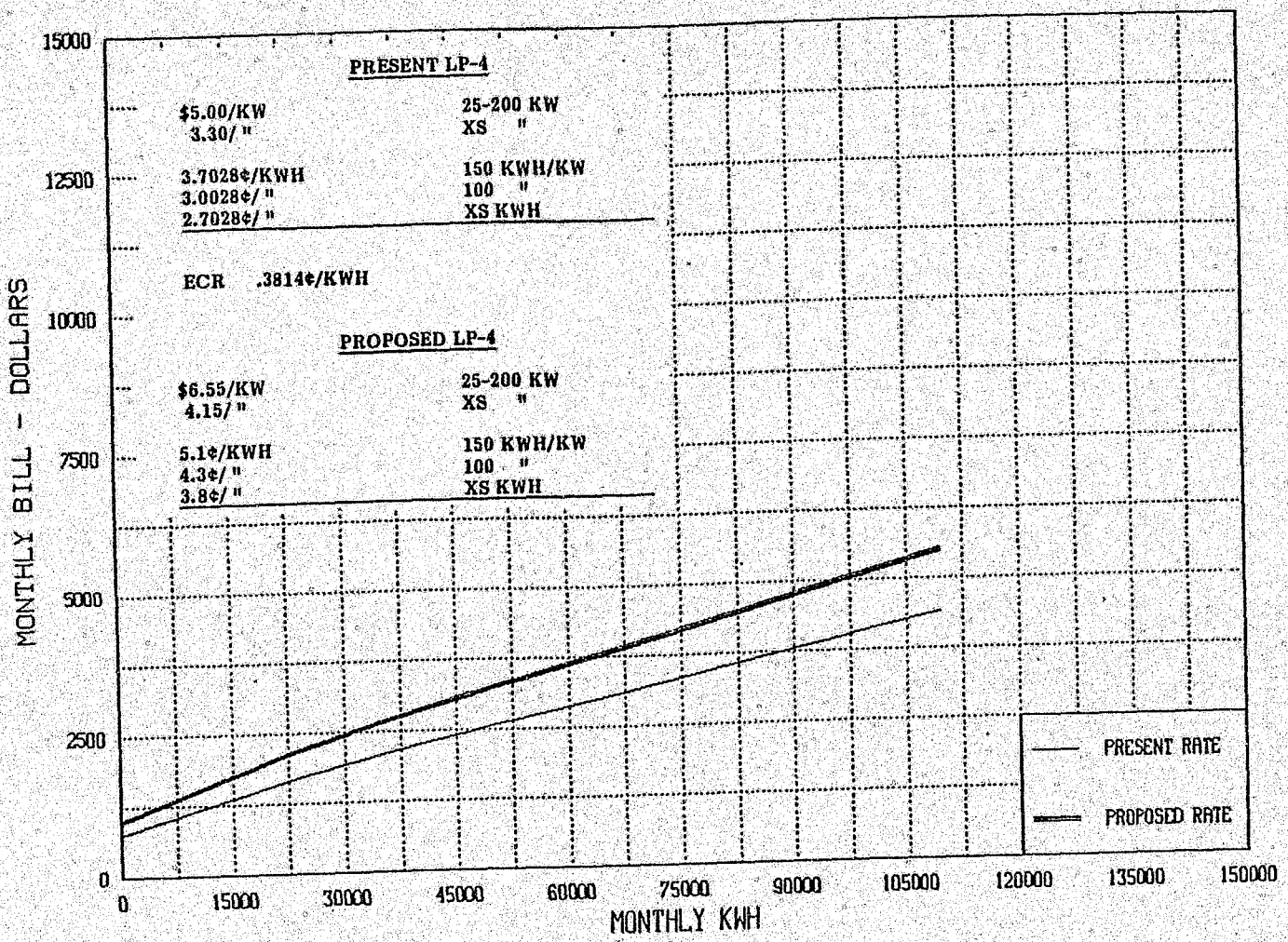
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 200KW



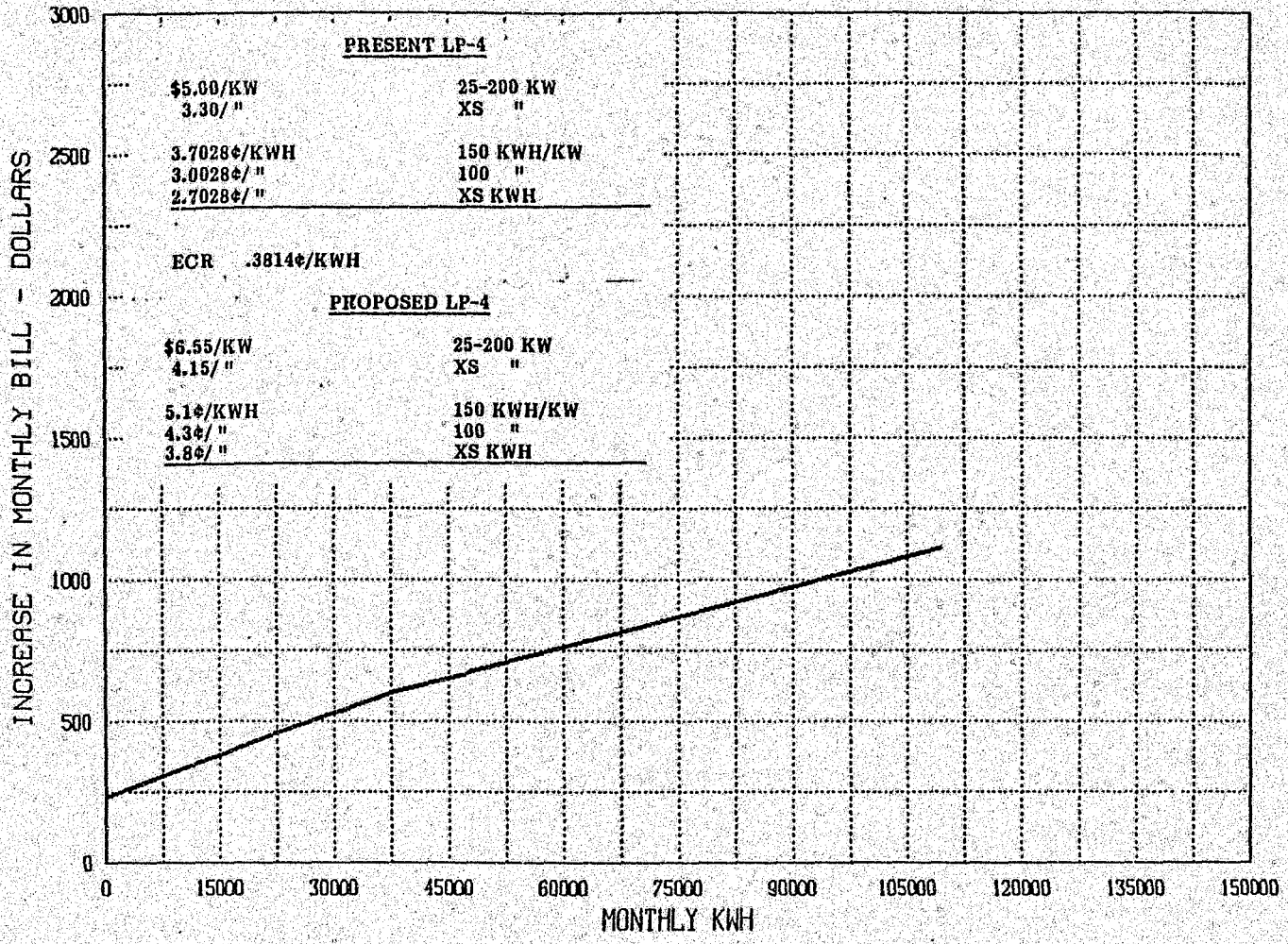
PROPOSED BASE RATE GS3 OVER PRESENT PRO-FORMA GS3 200KW



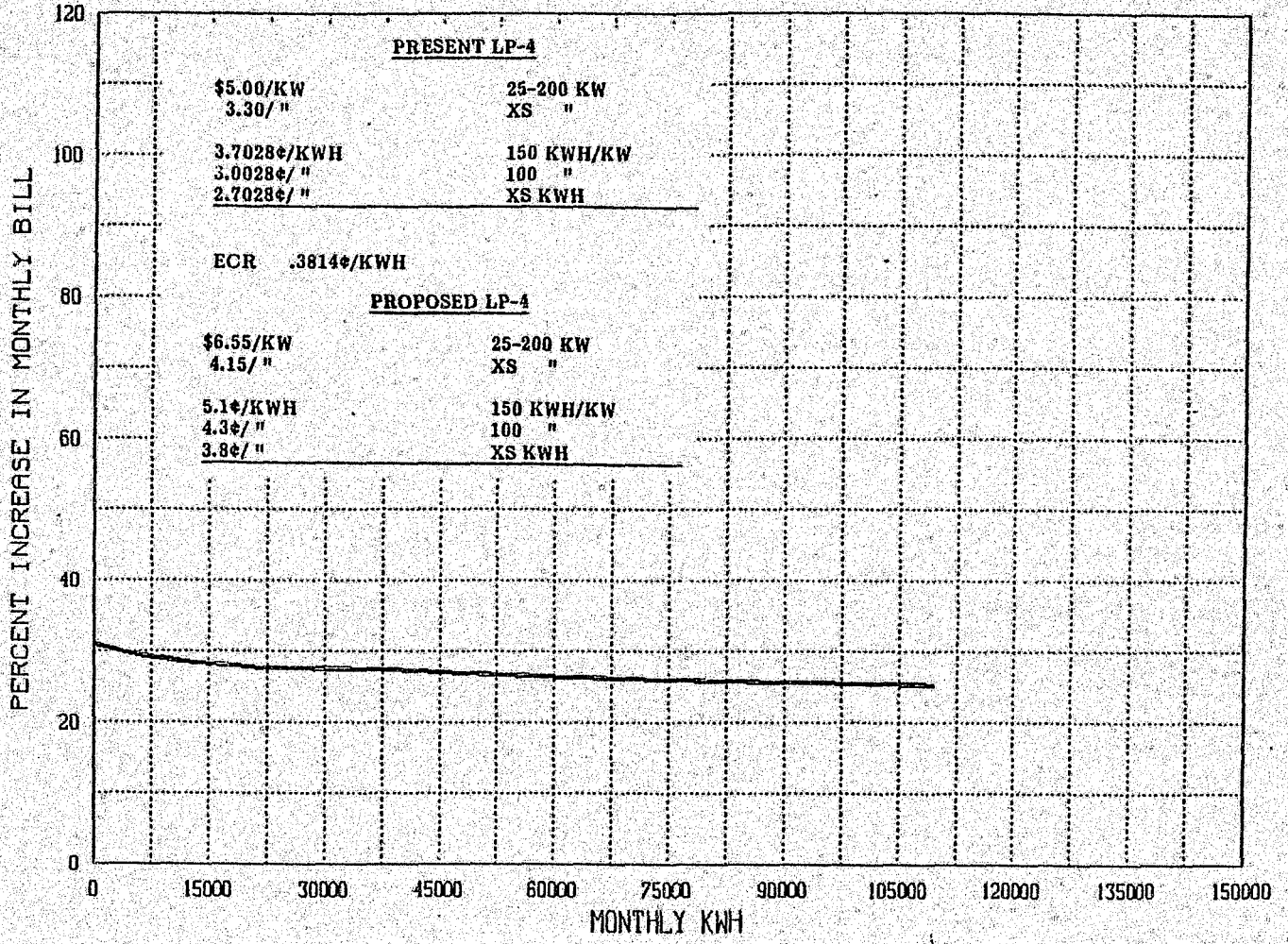
PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 150KW



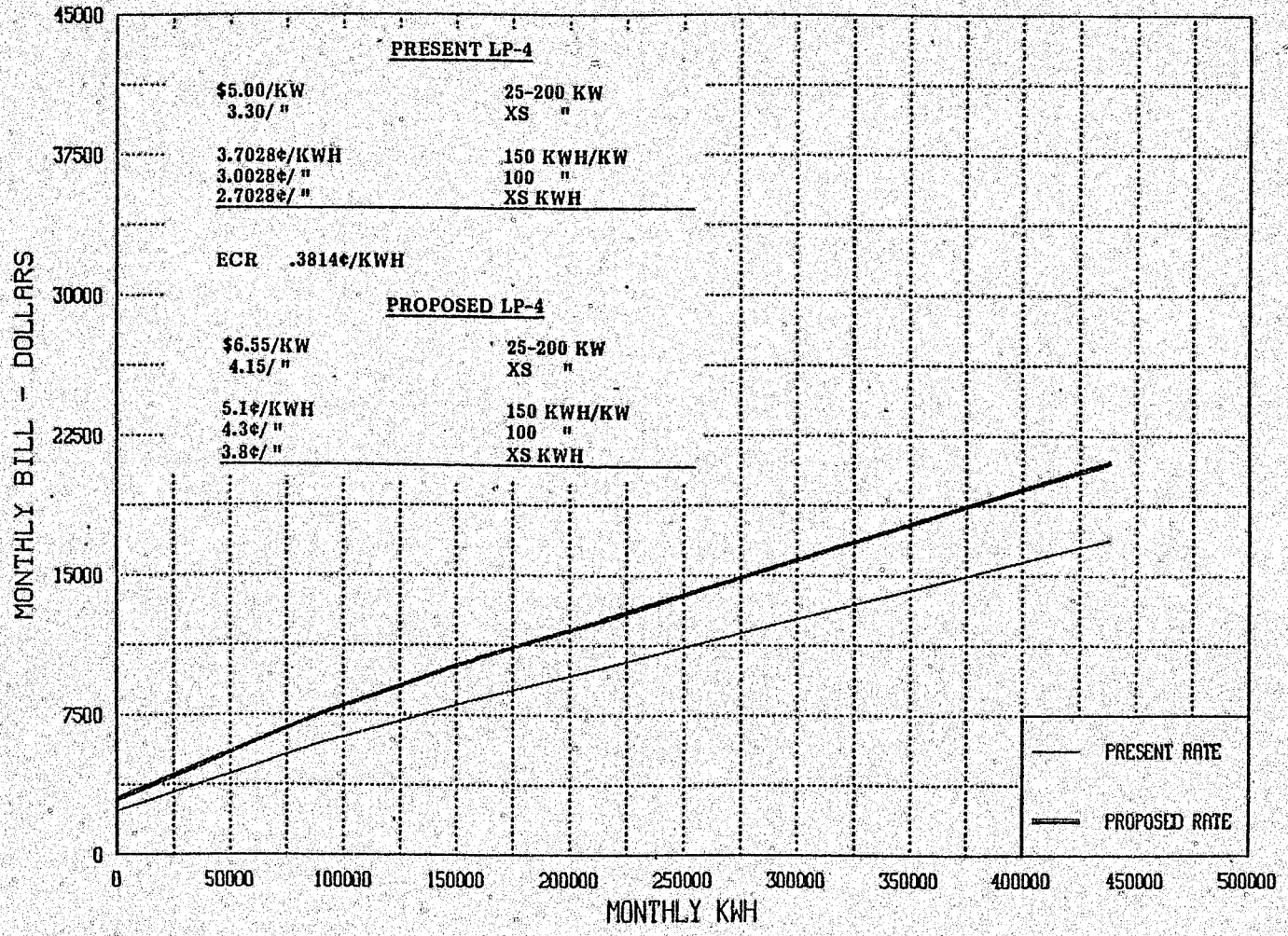
PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 150KW



PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 150KW



PROPOSED BASE RATE LP4 OVER PRESENT PRO-FORMA LP4 600KW



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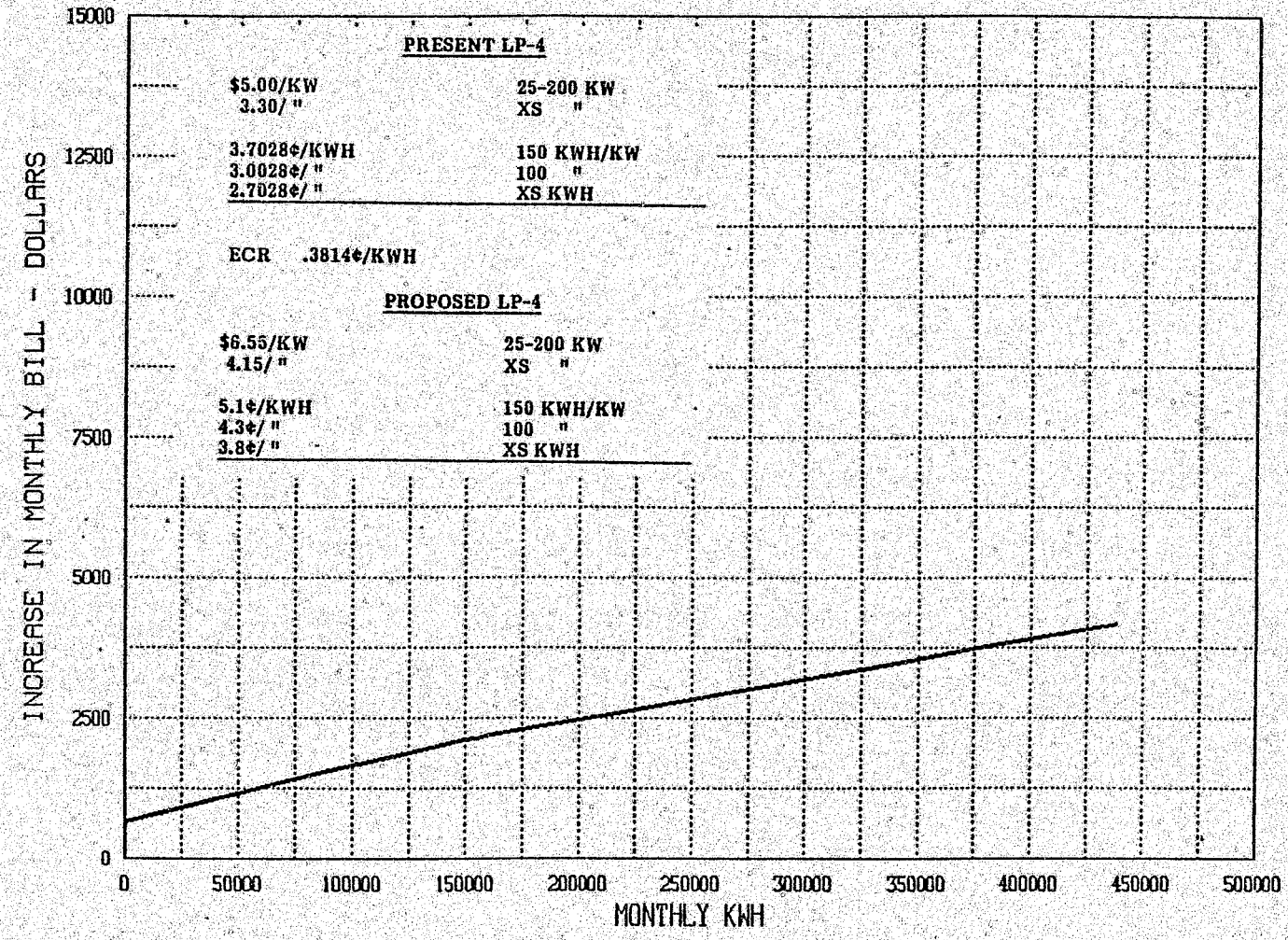

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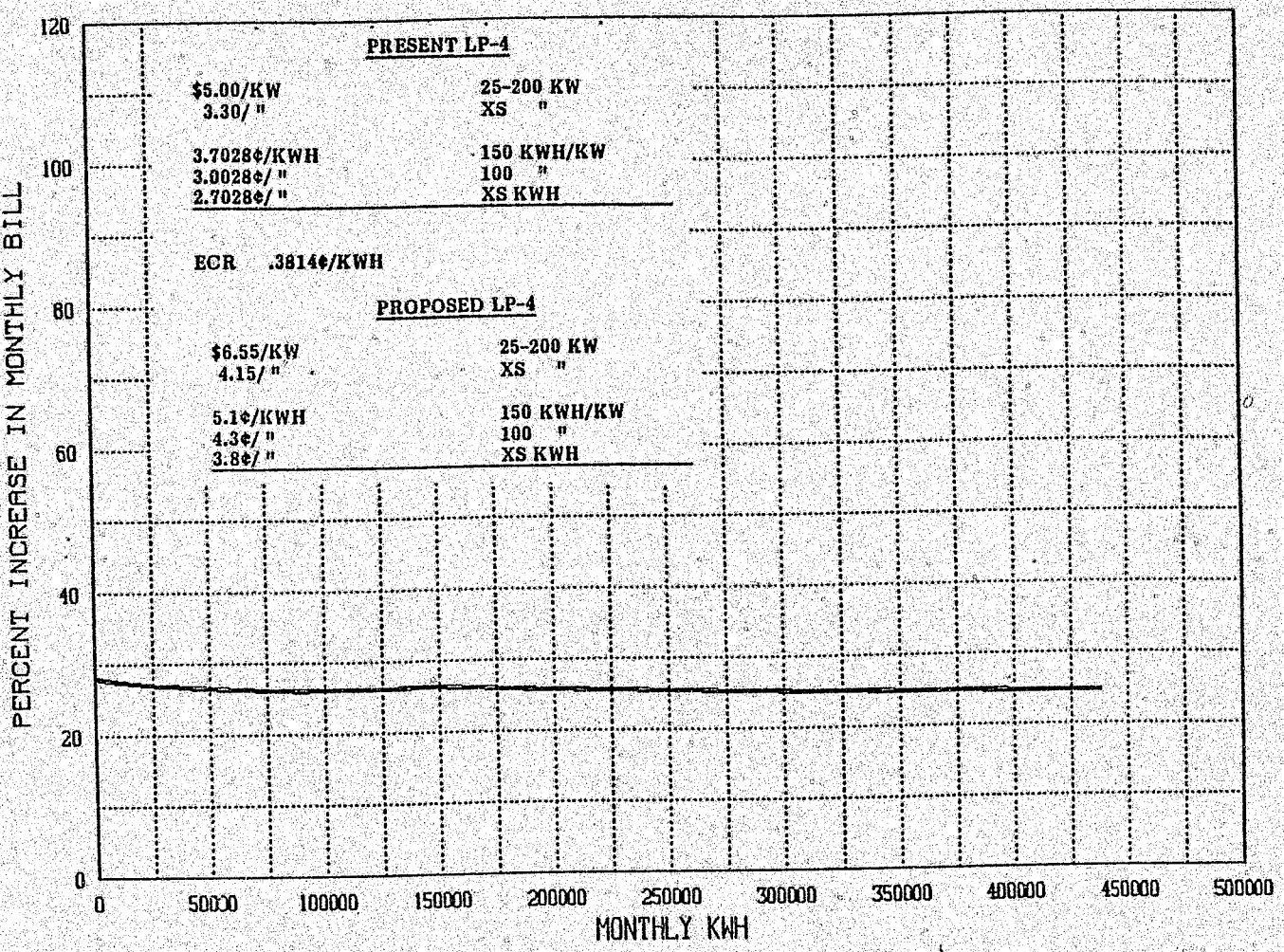

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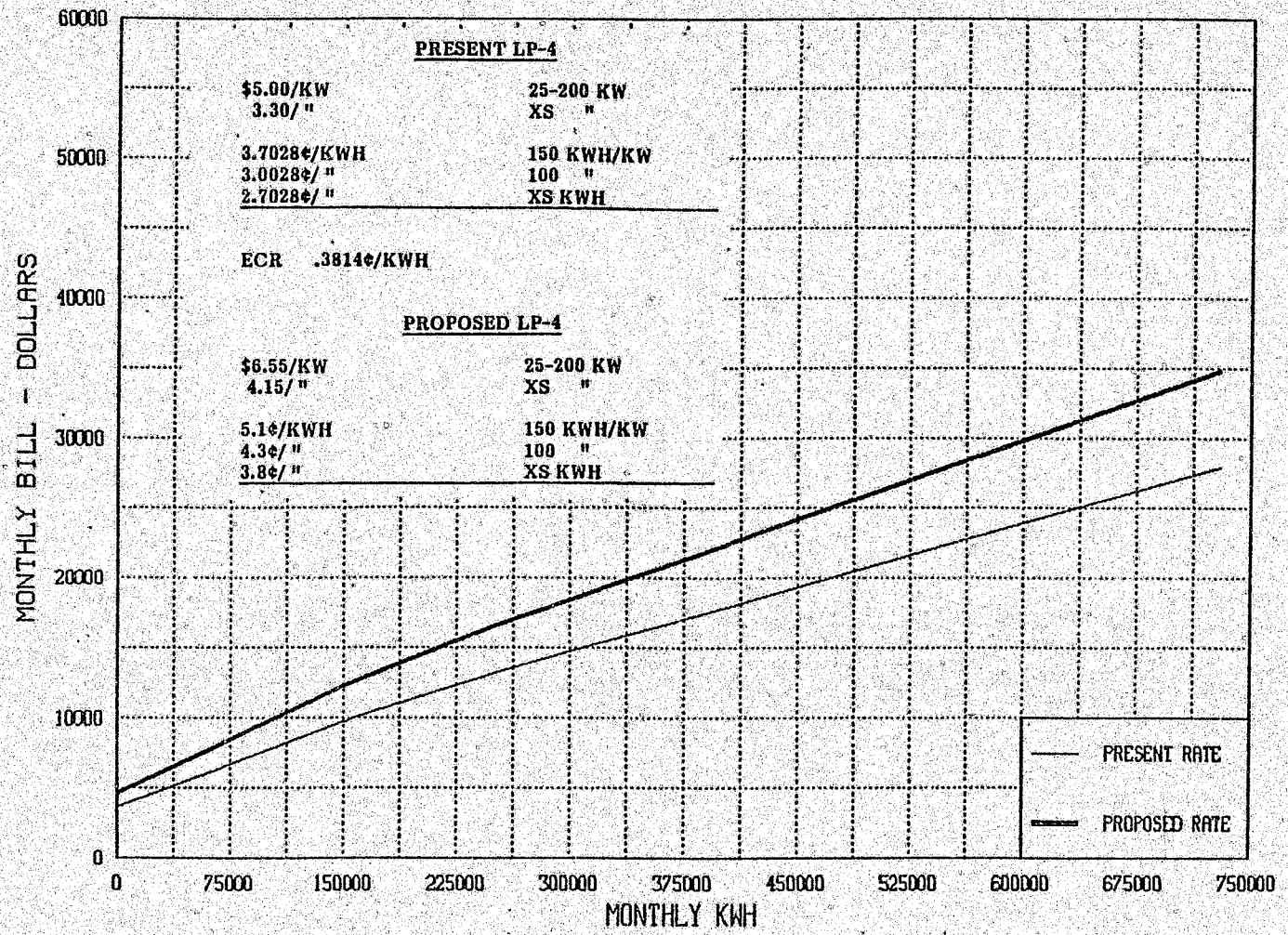

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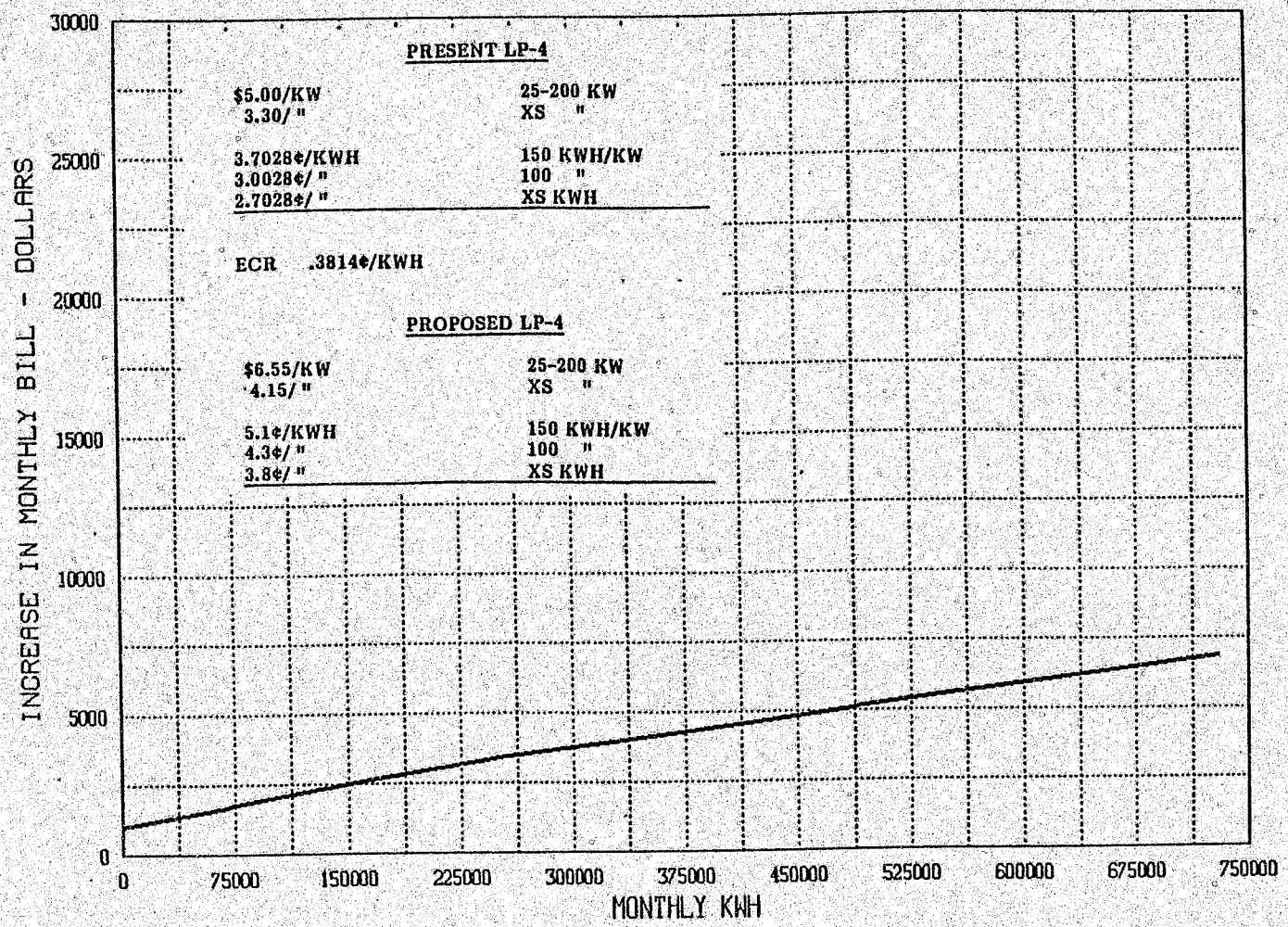

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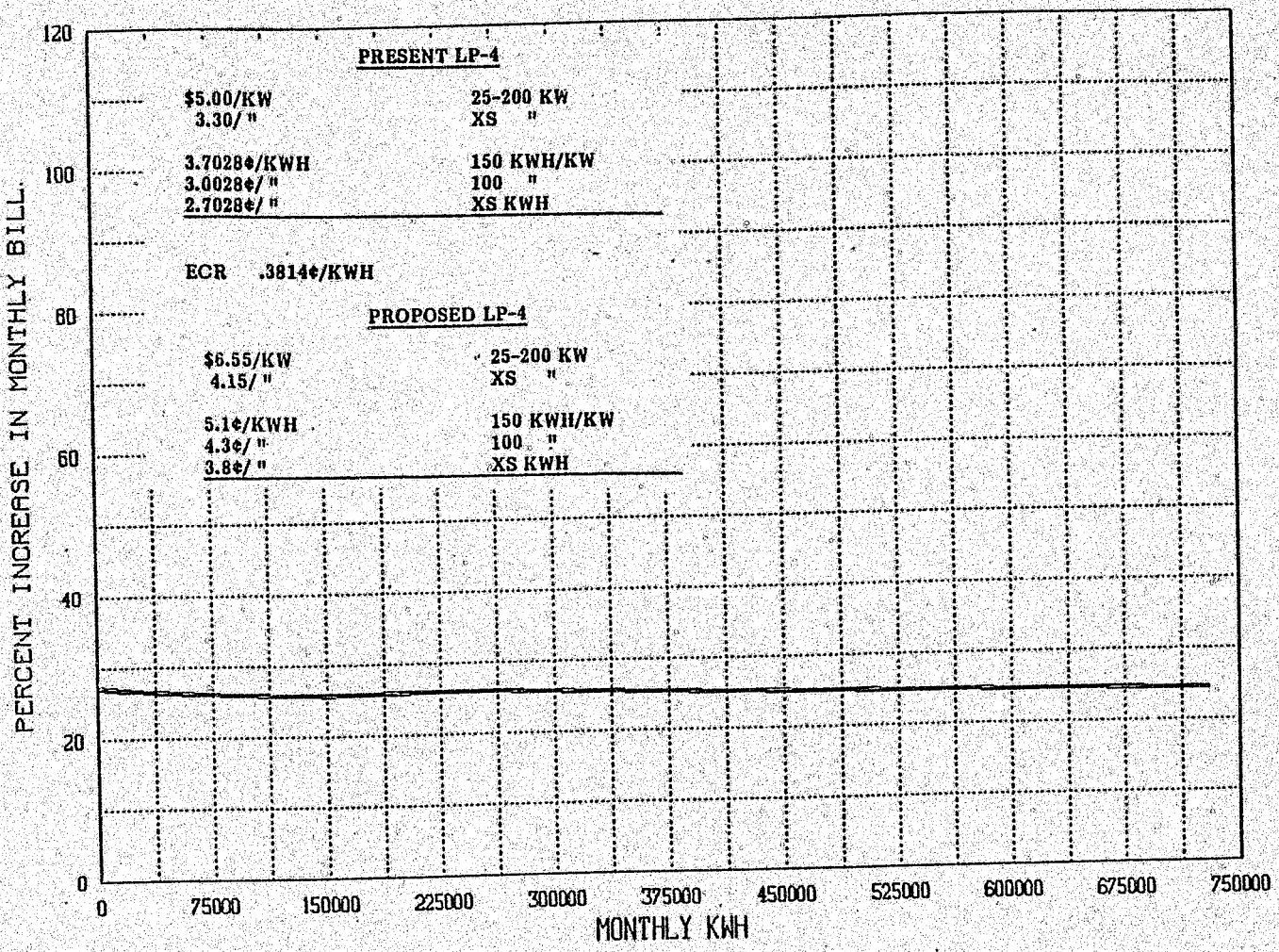

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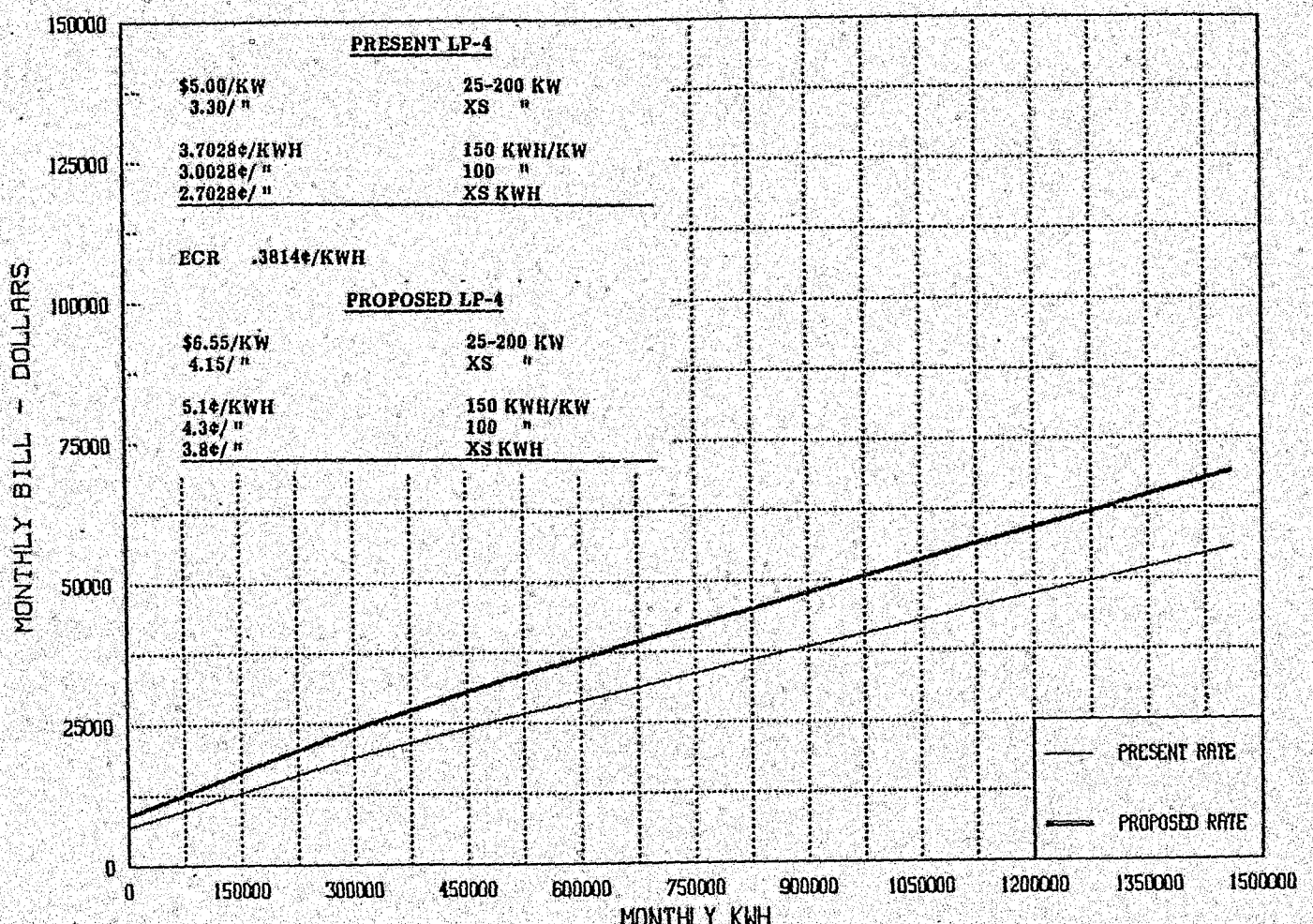

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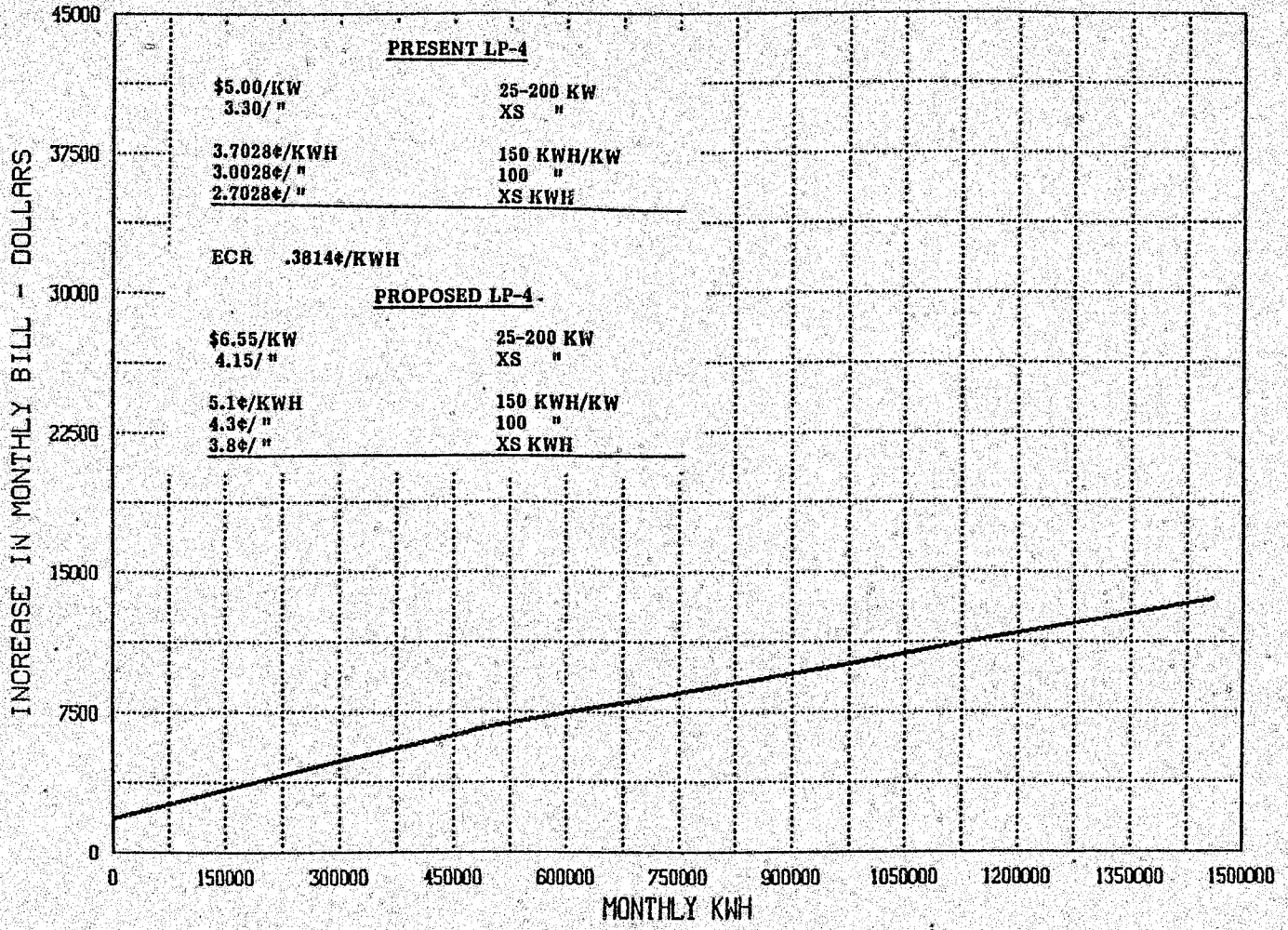

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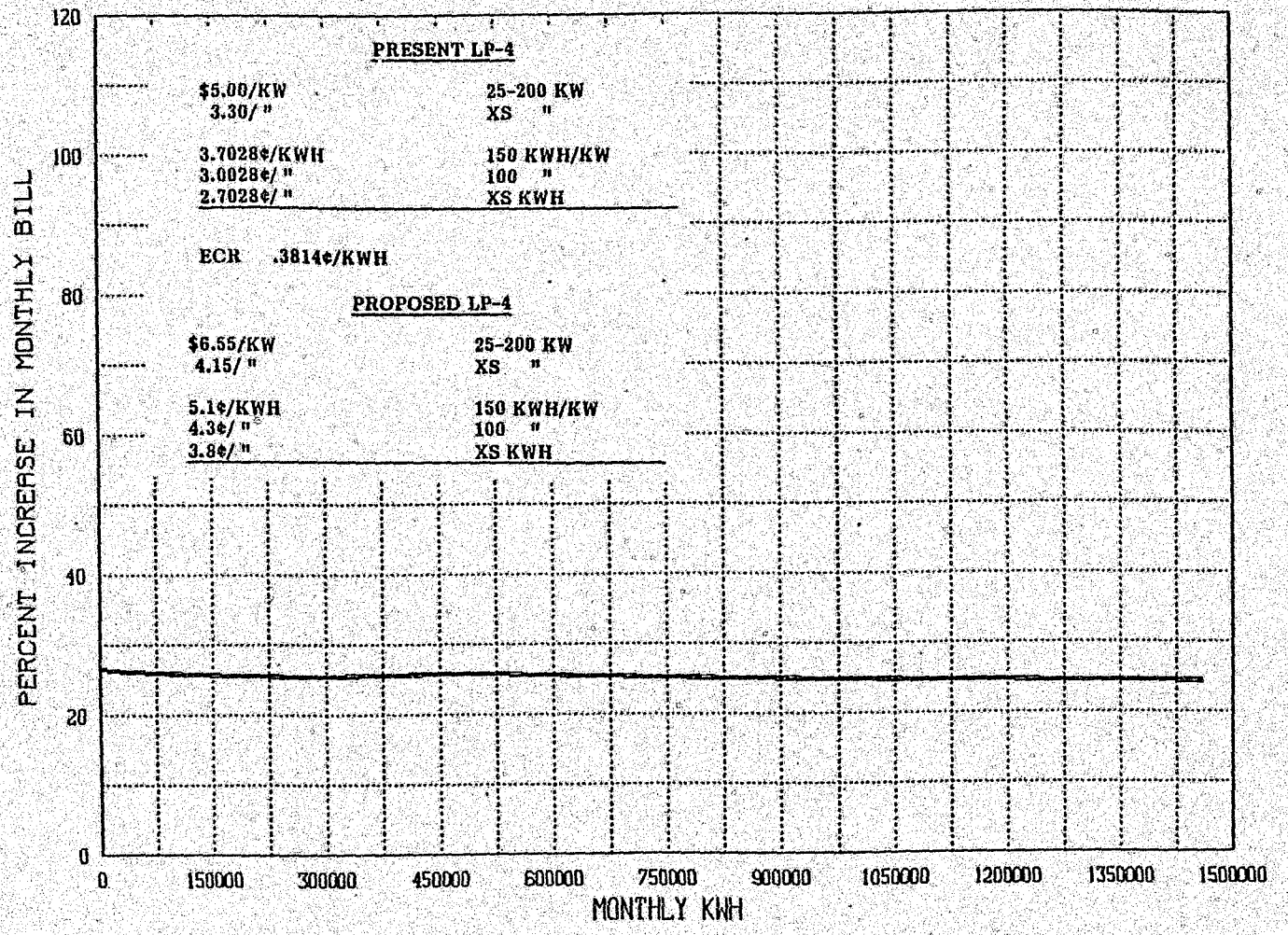

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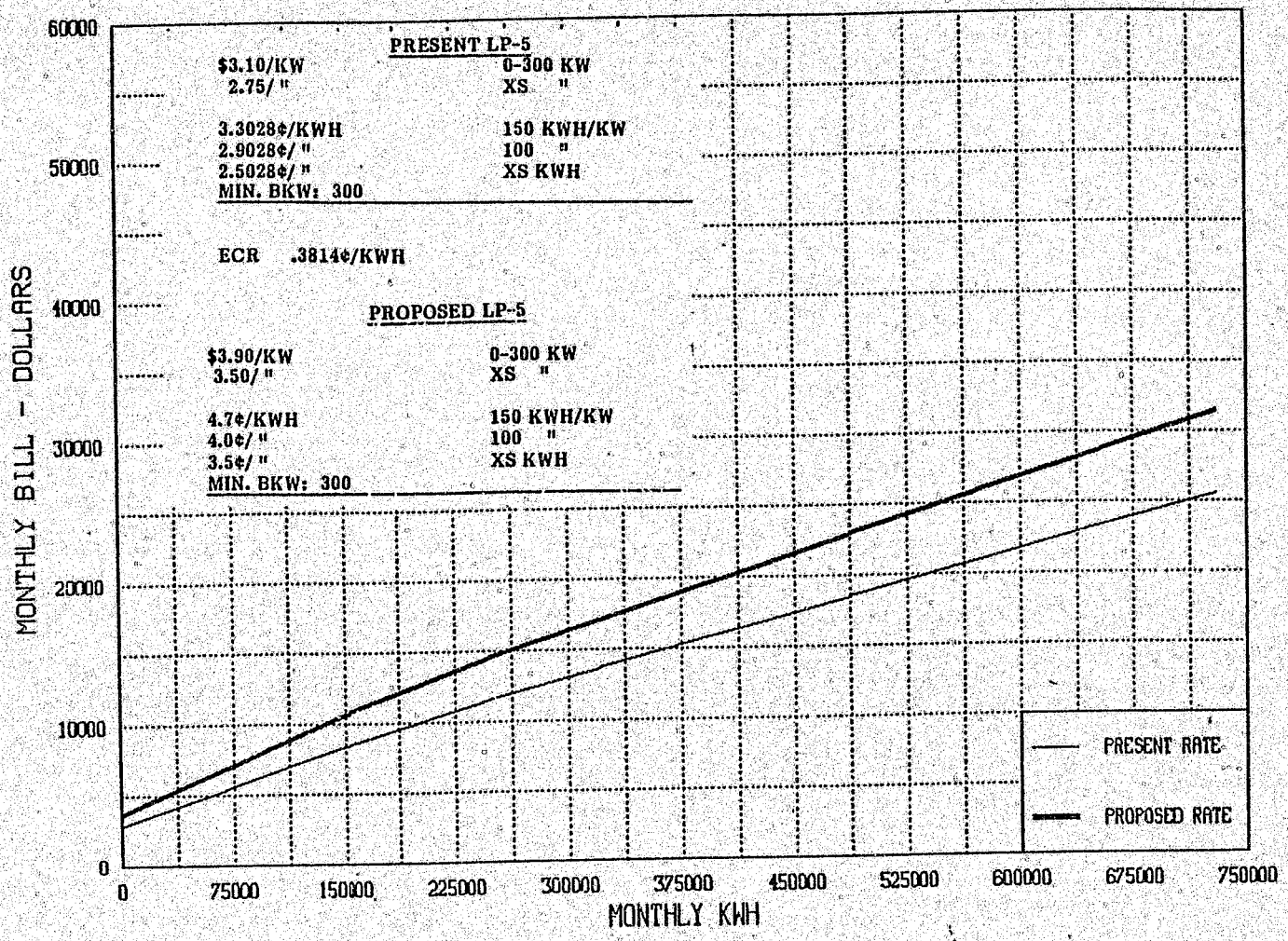

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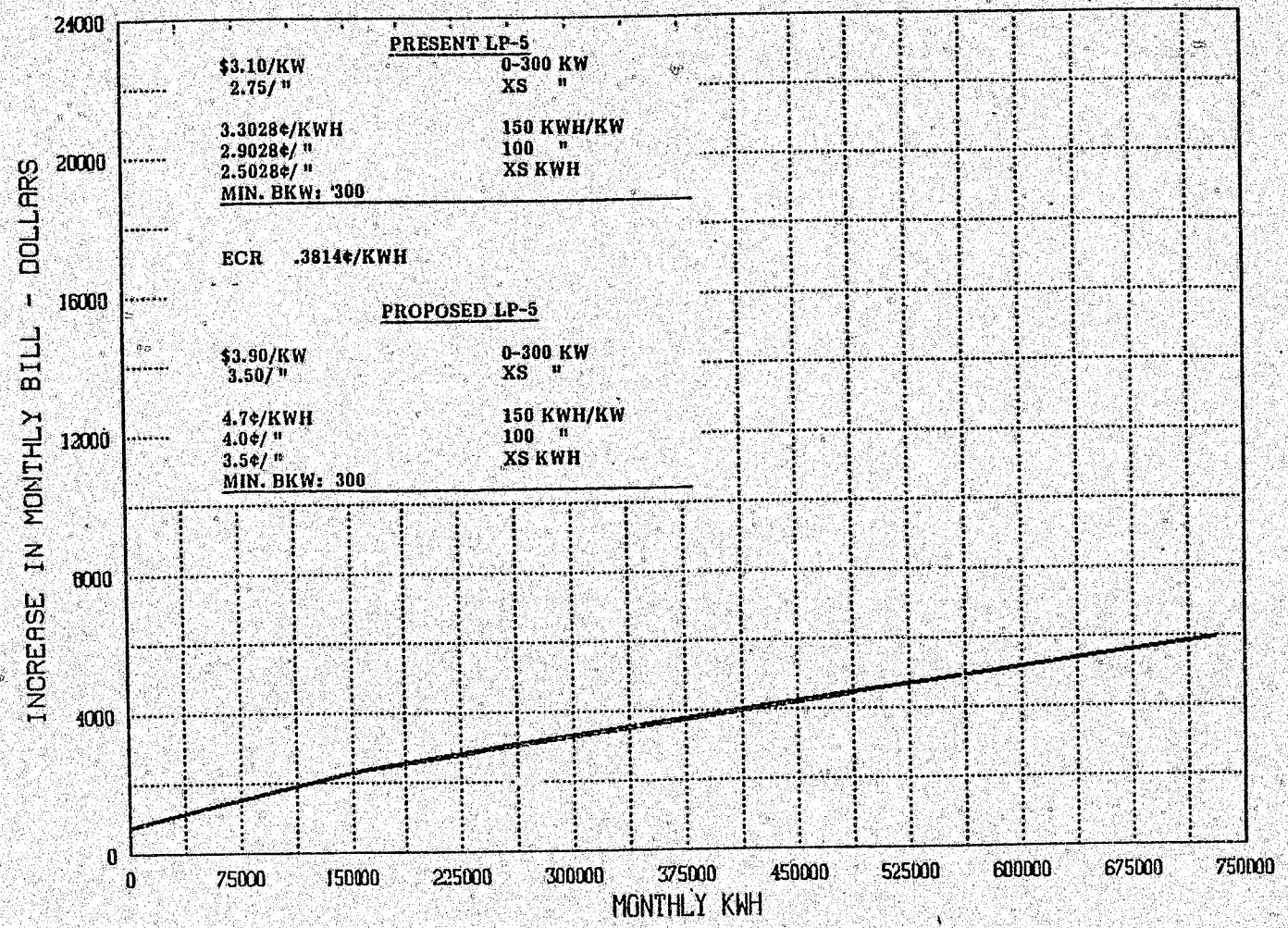

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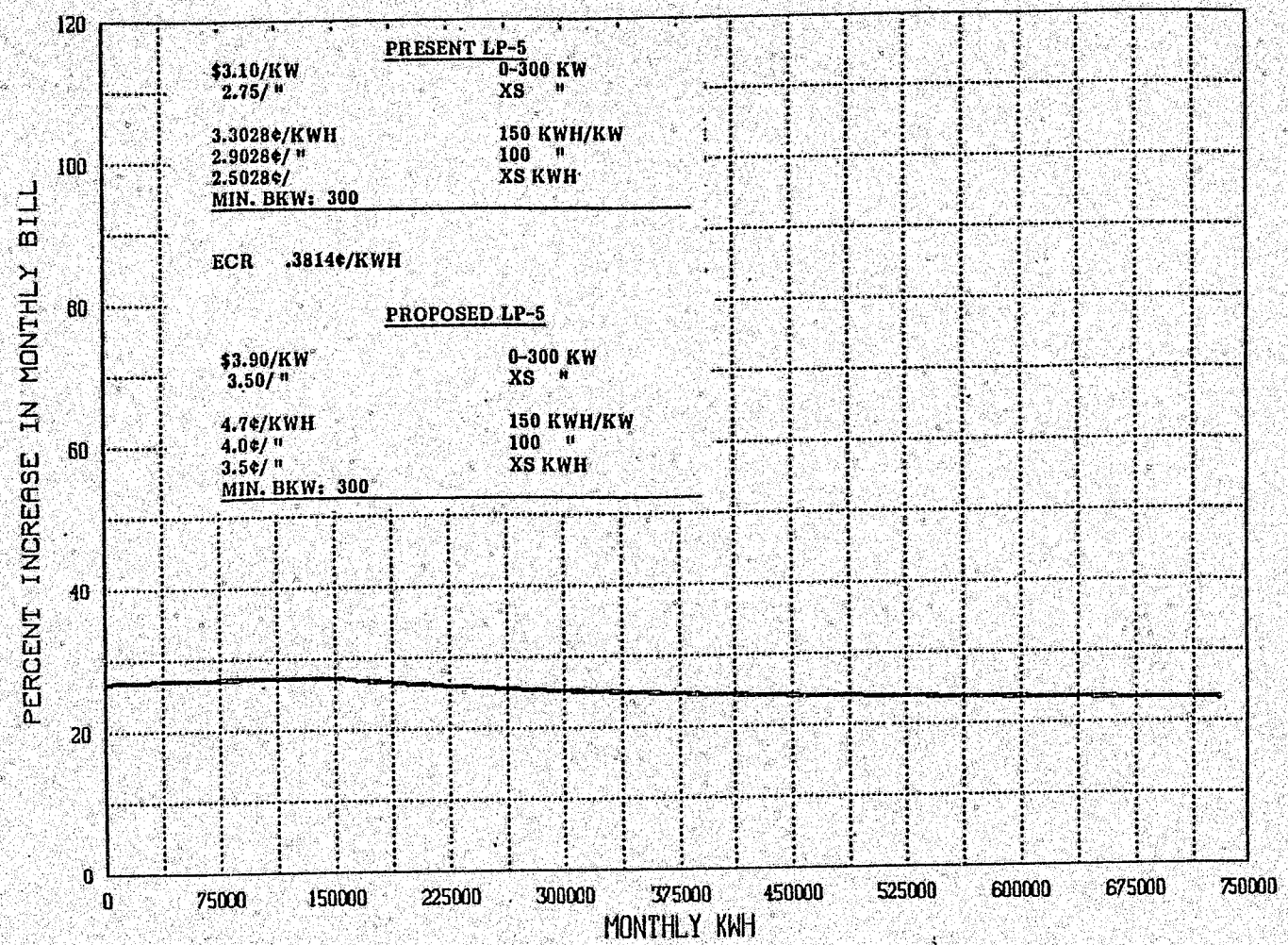

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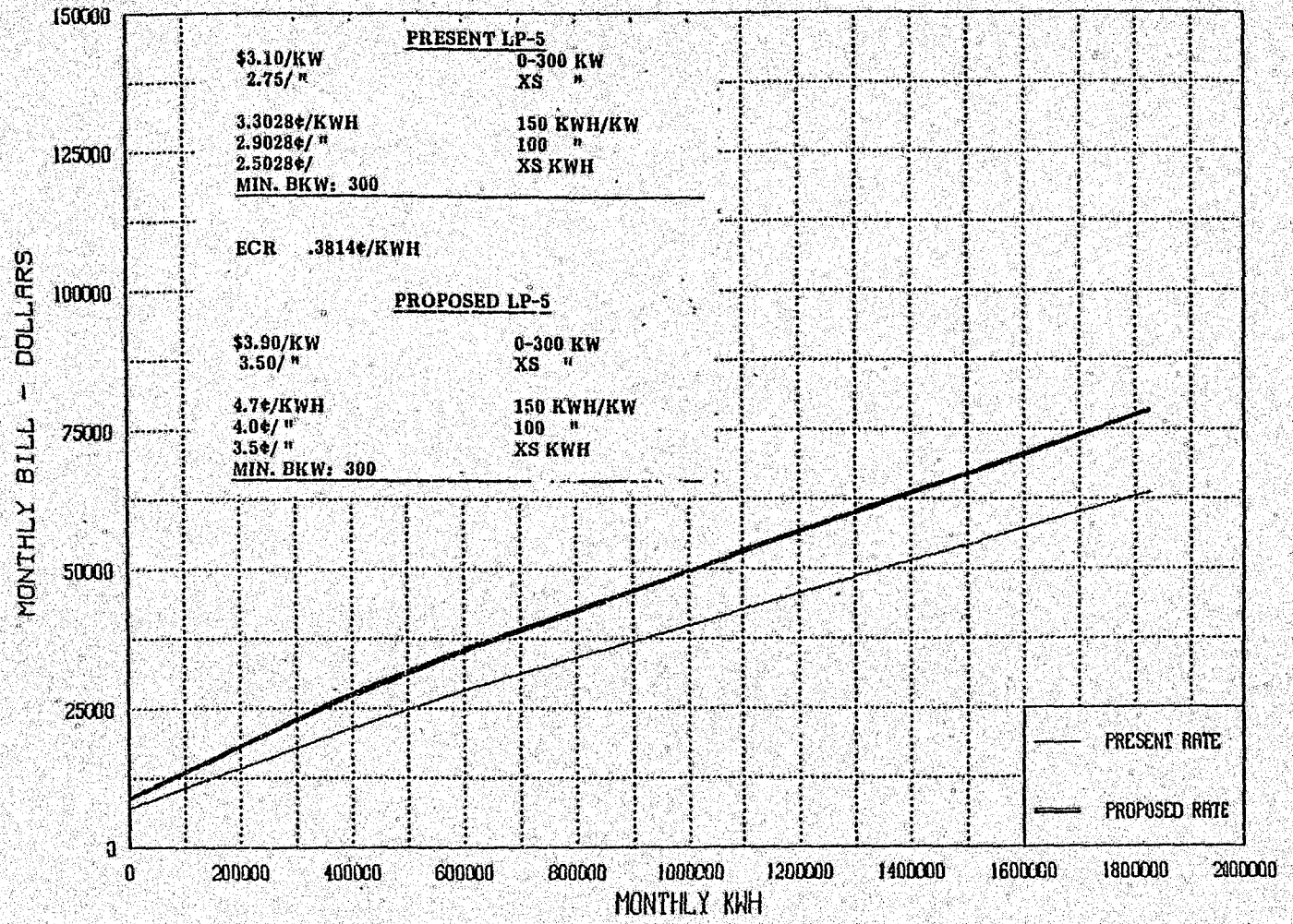

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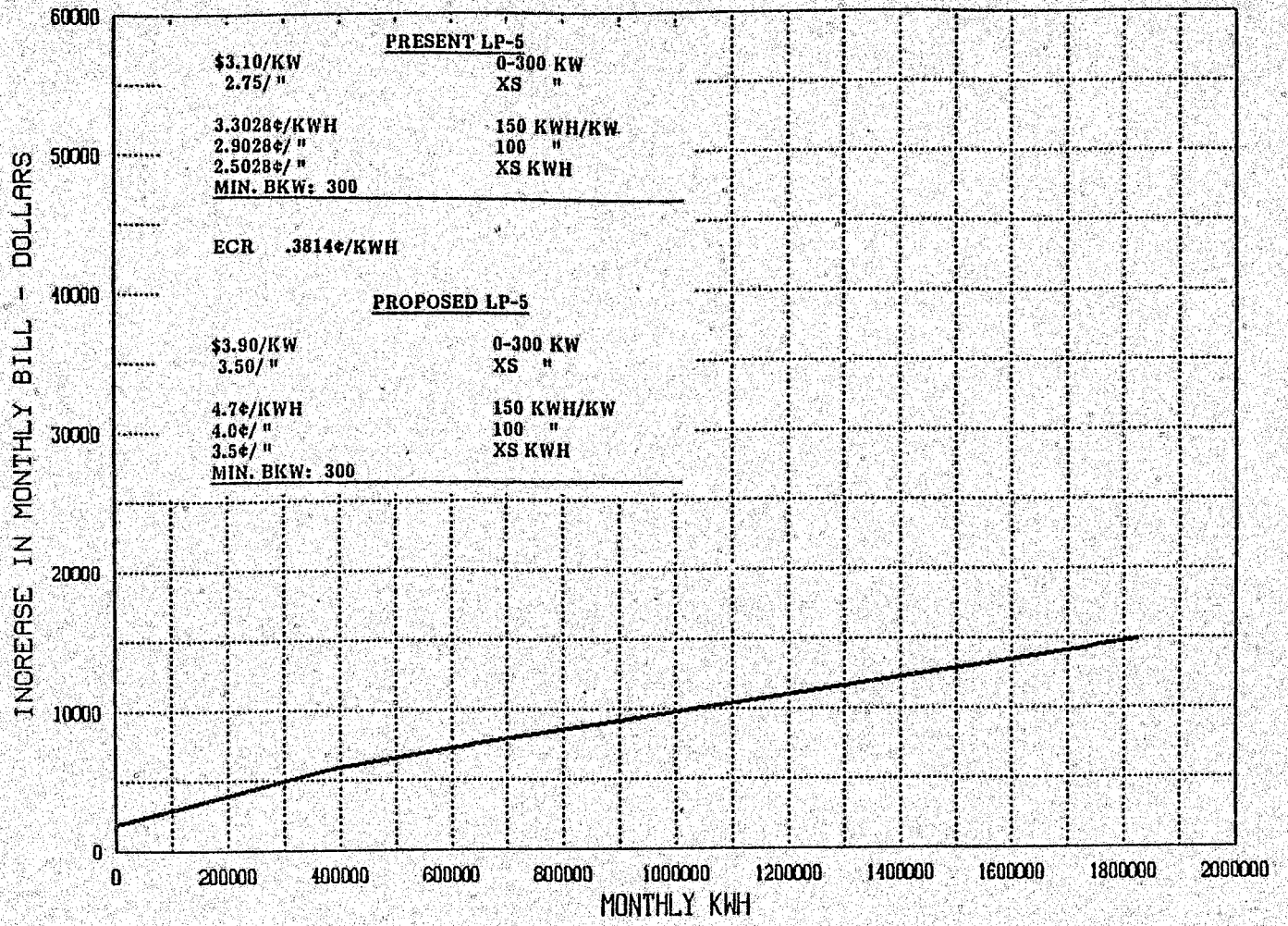

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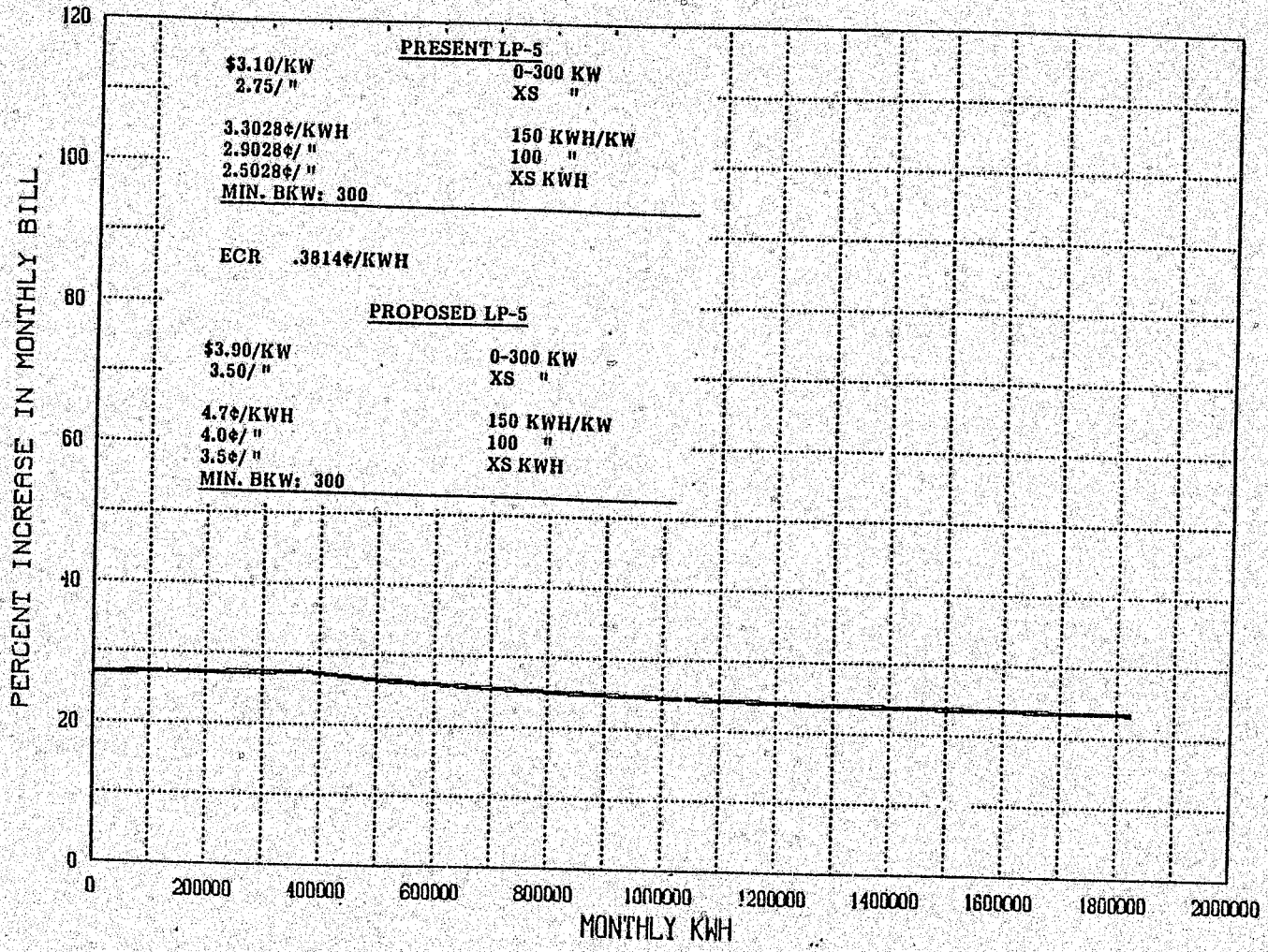

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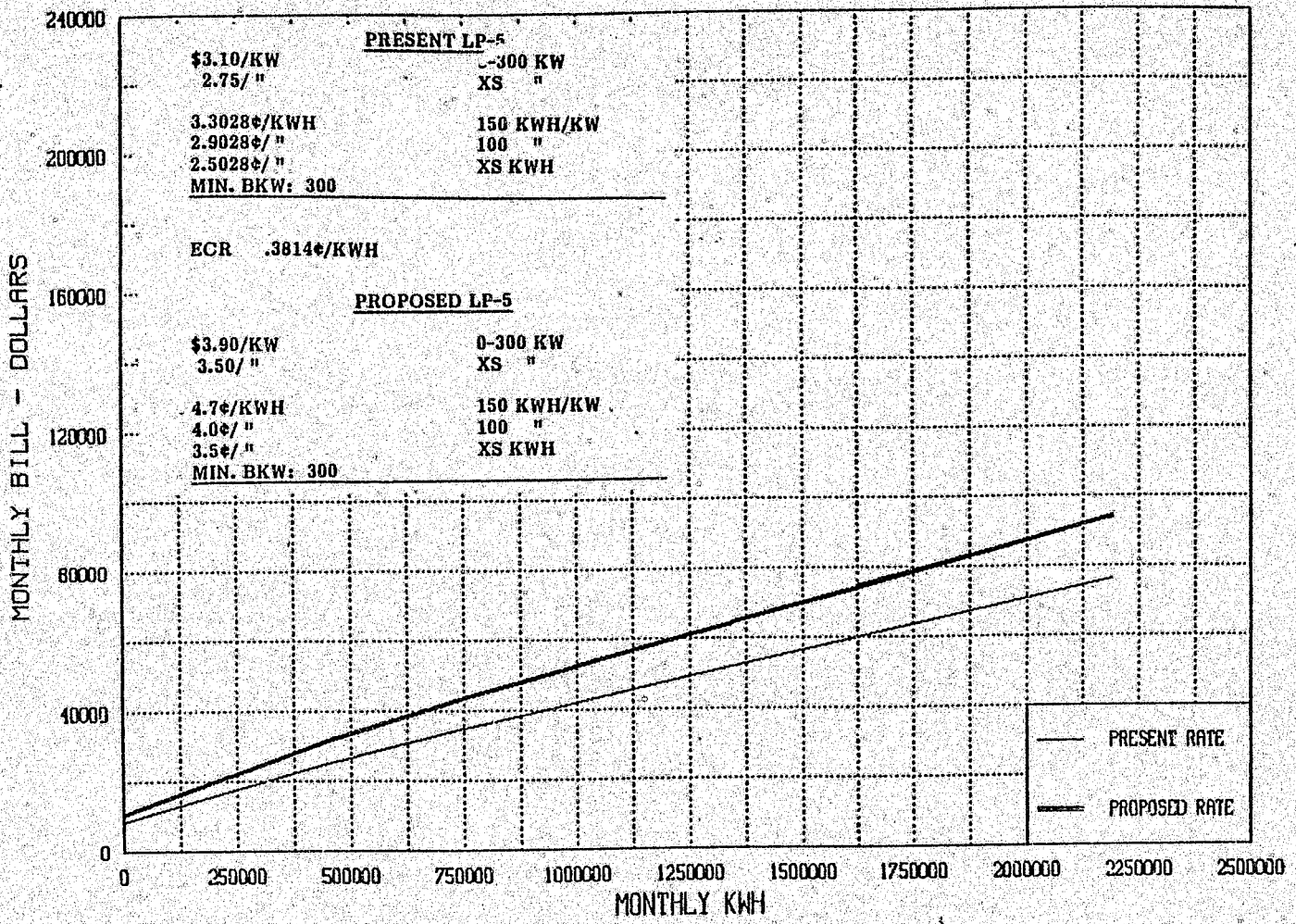

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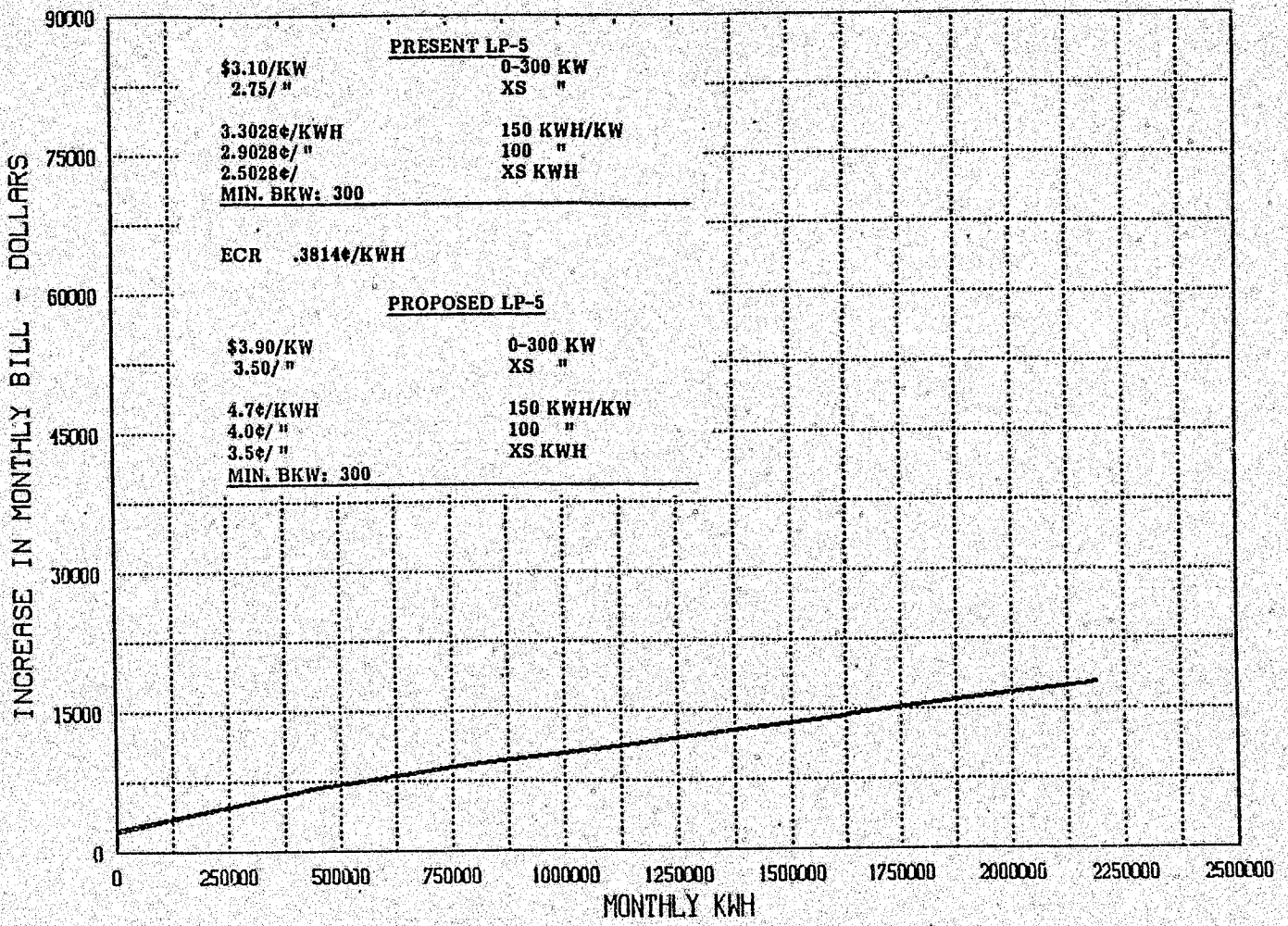

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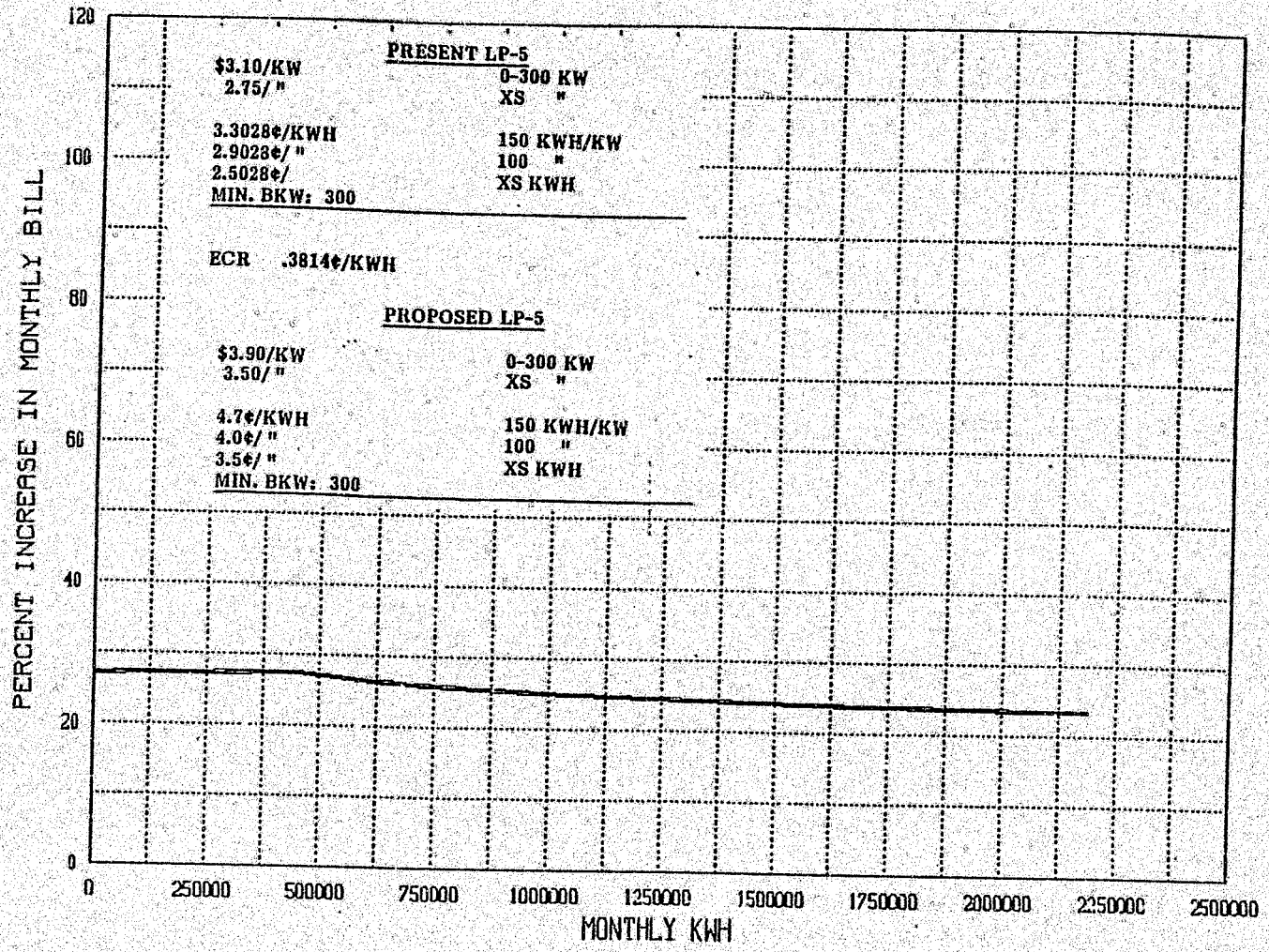

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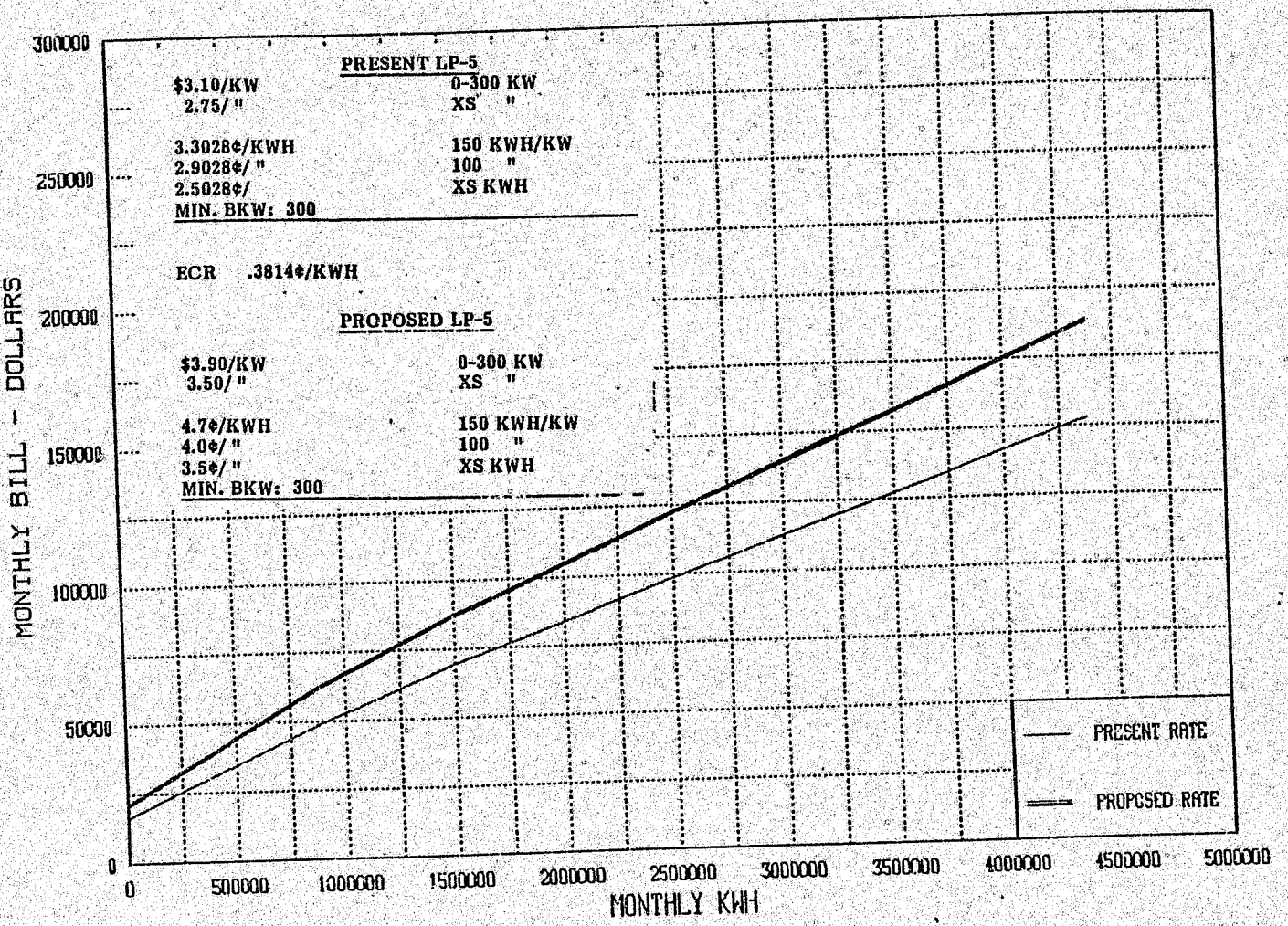

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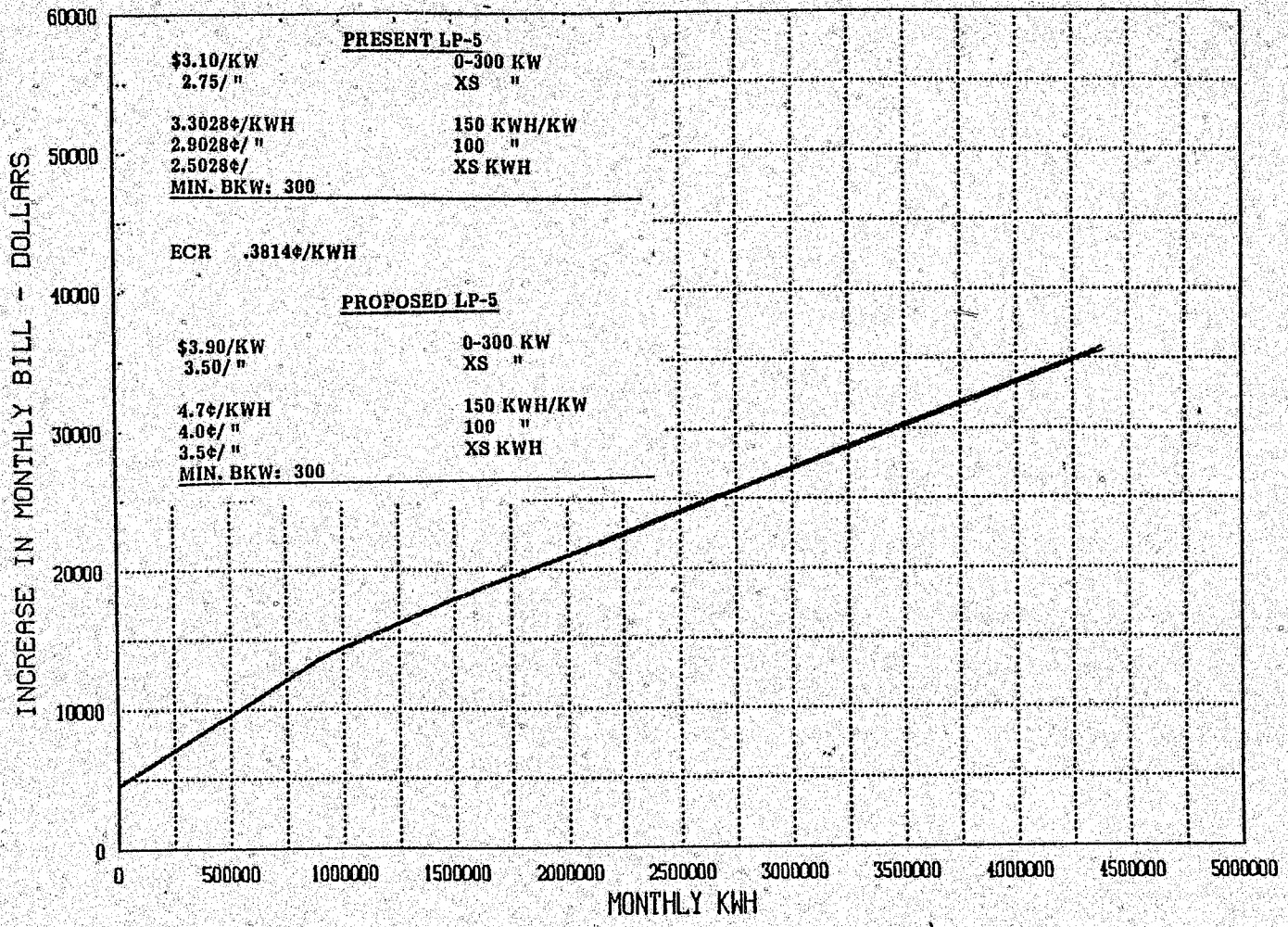

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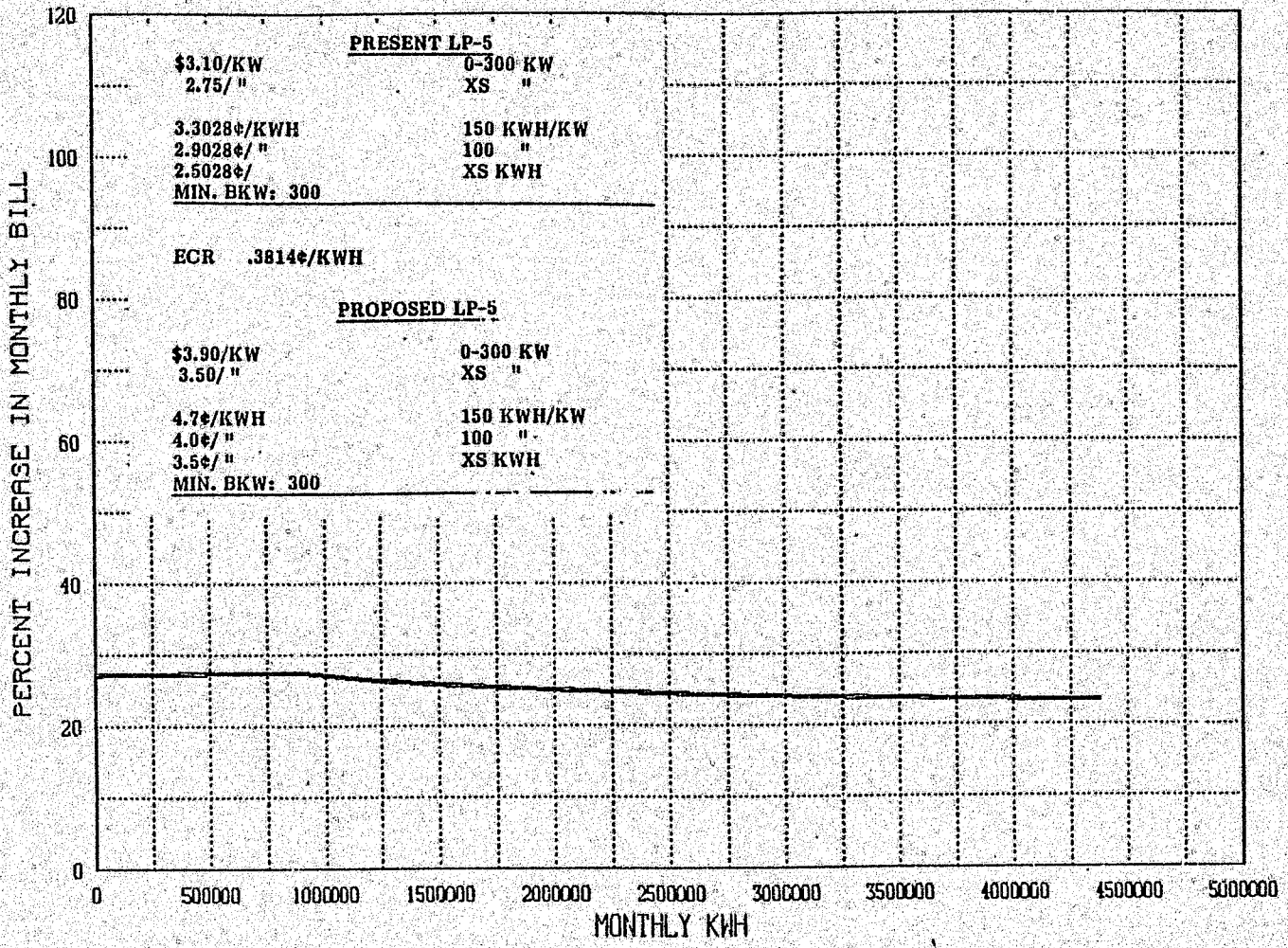

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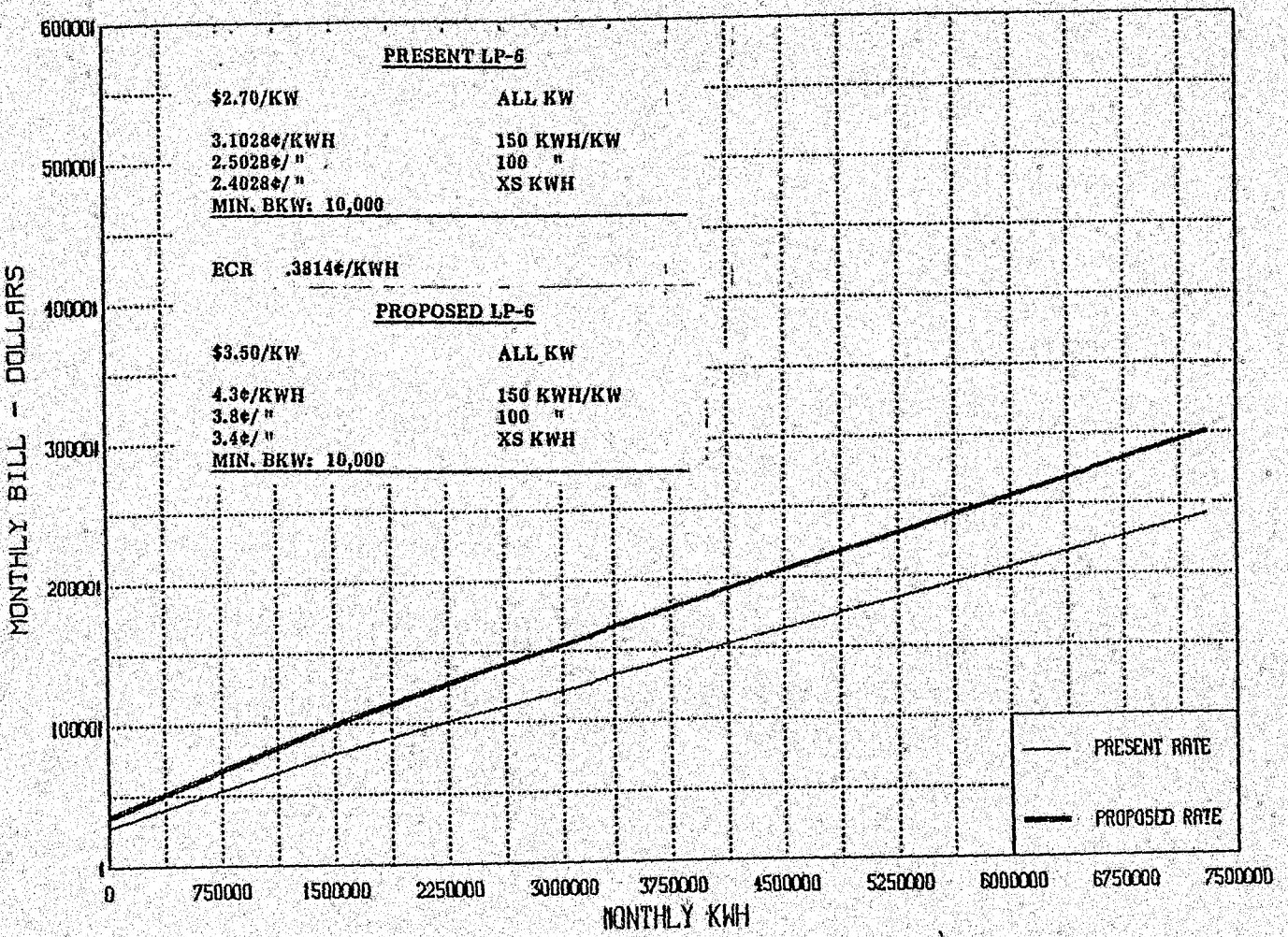
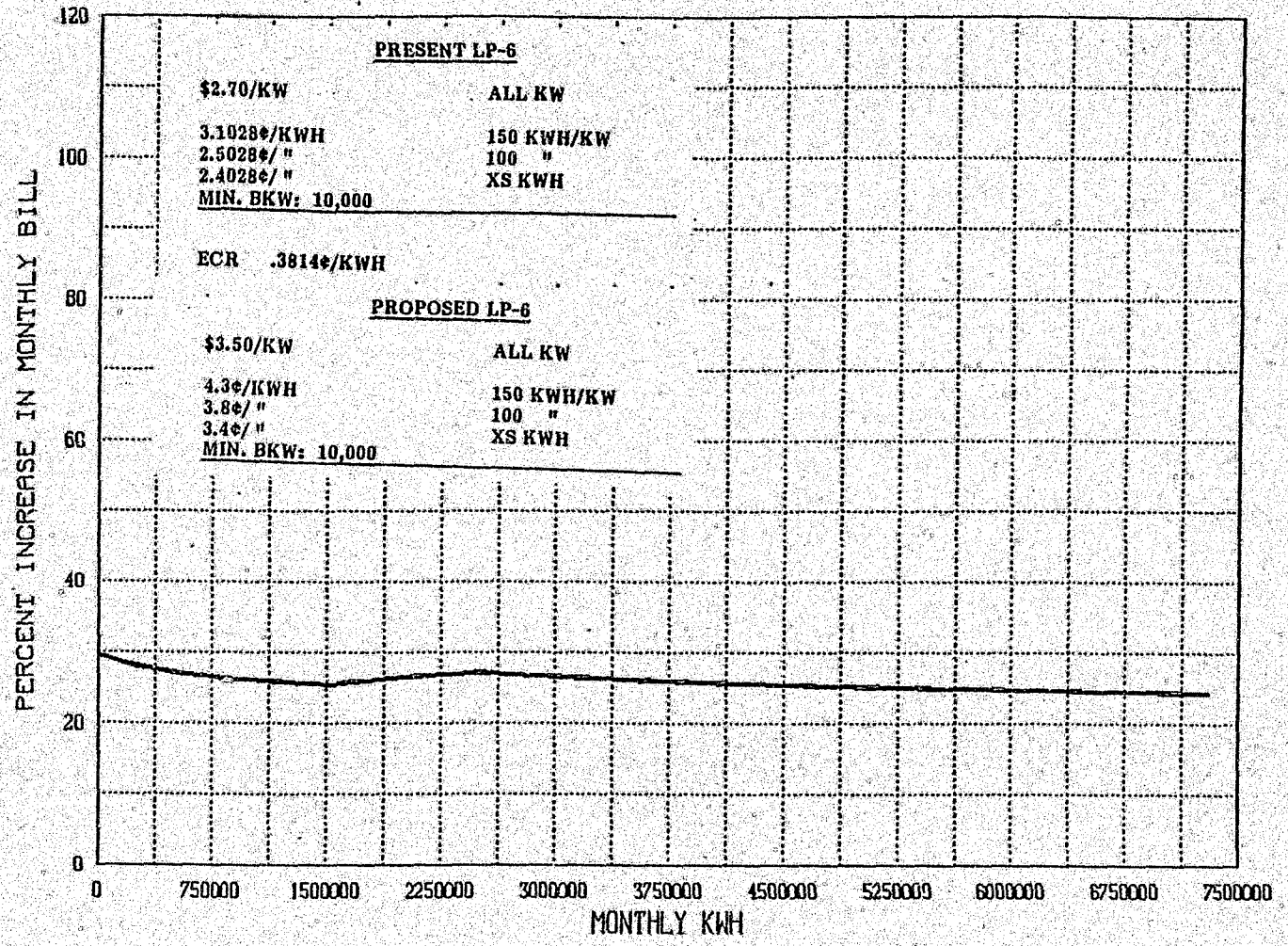


PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 10000KW

PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 10000KW



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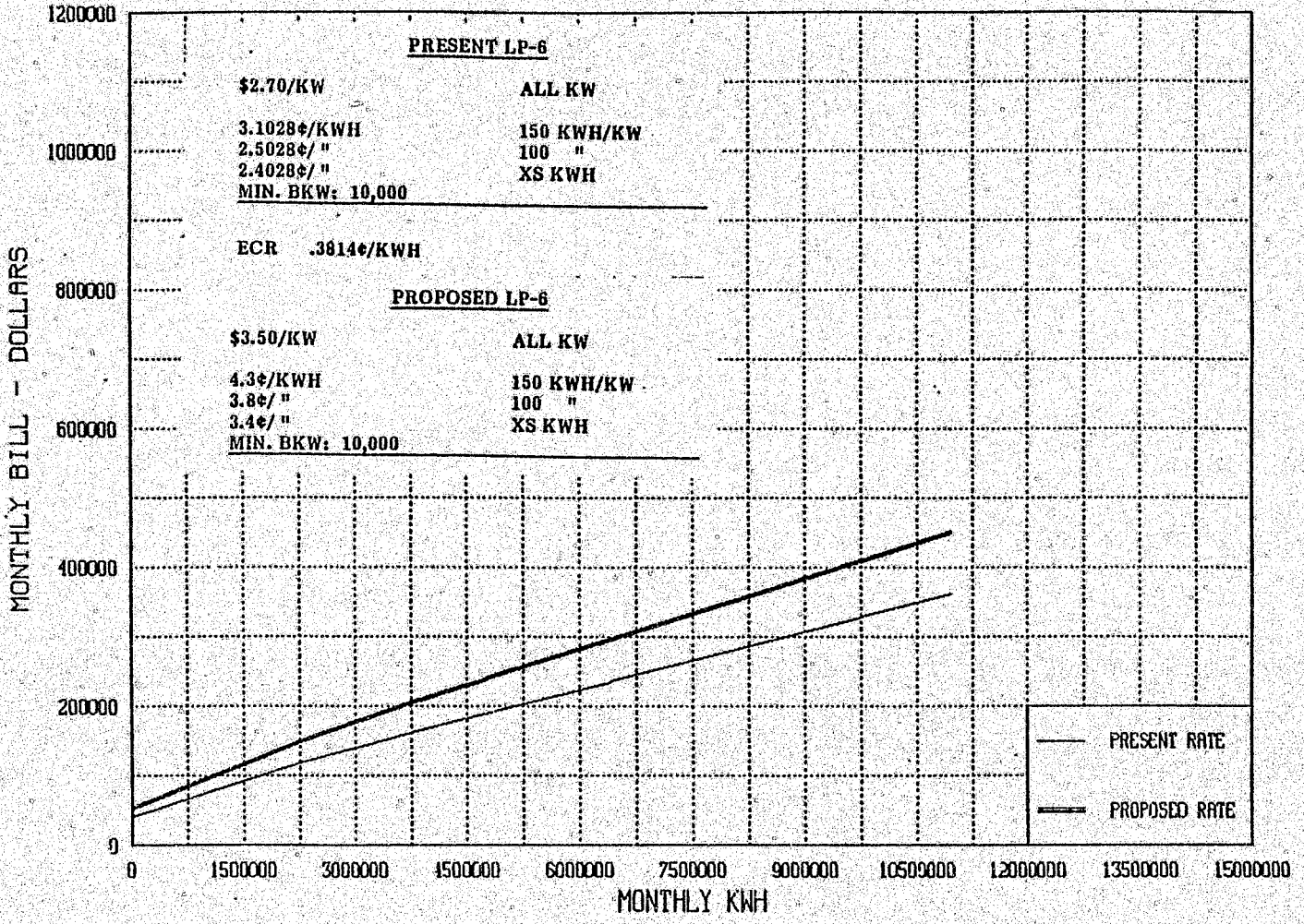

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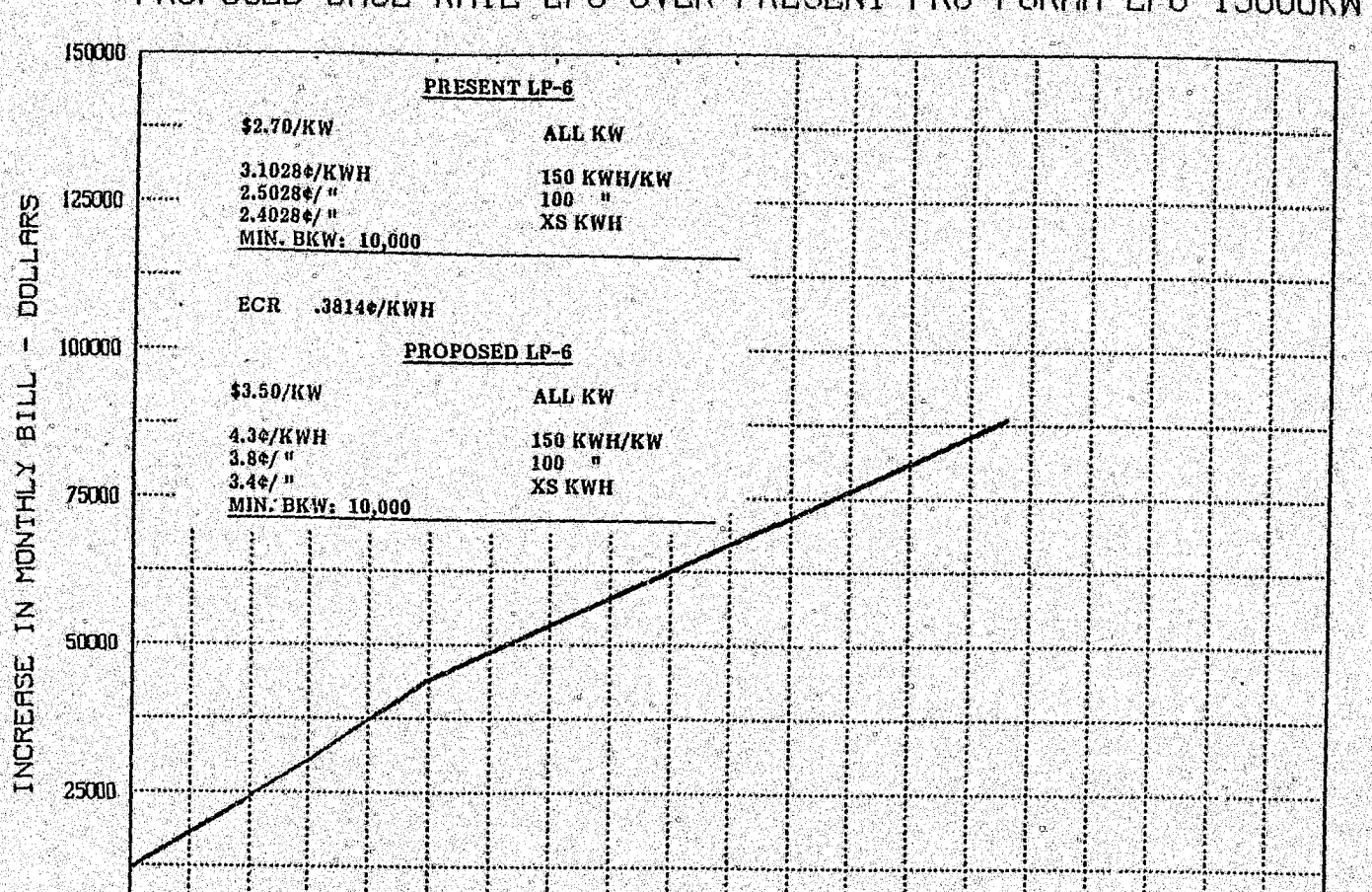

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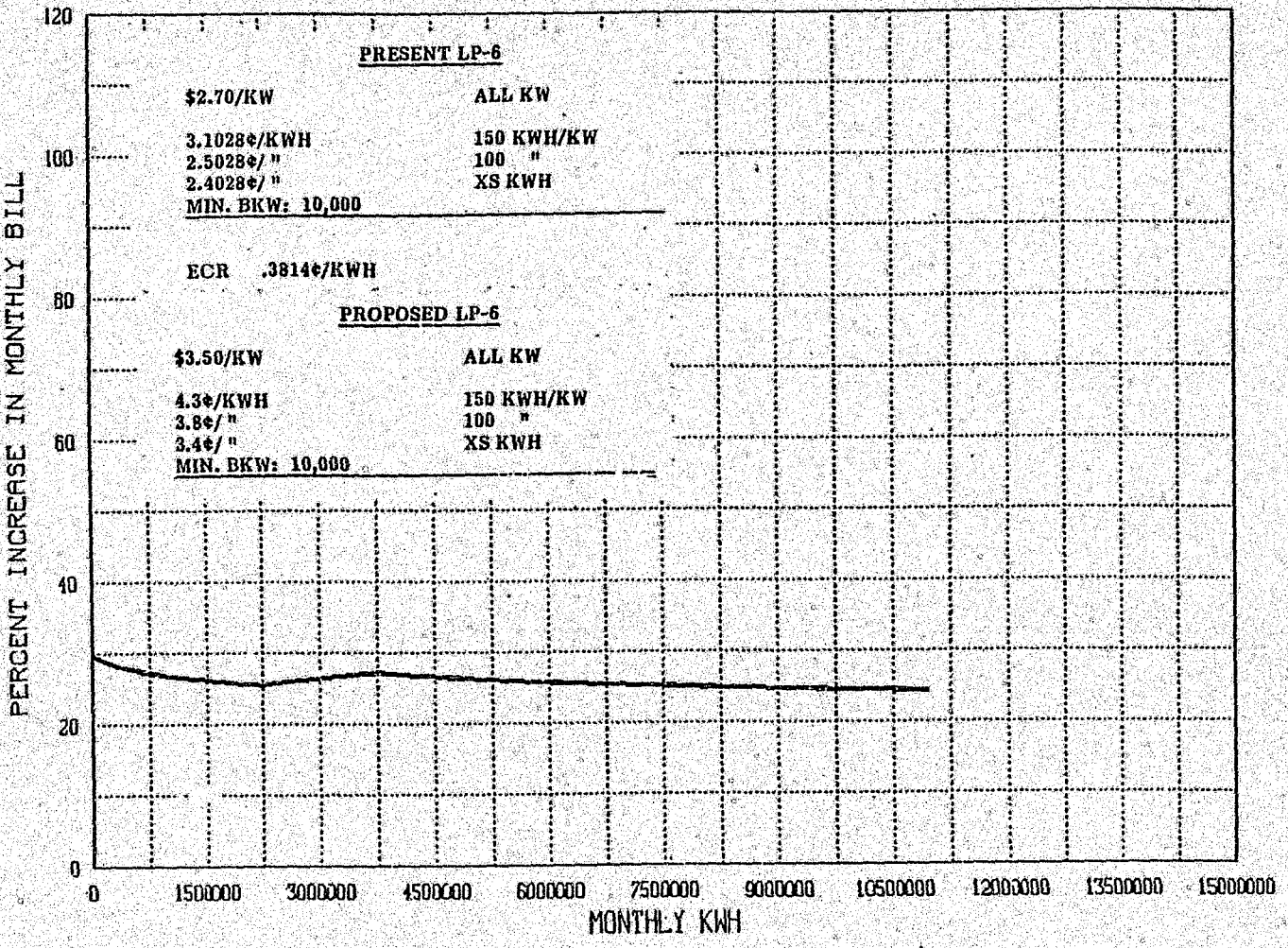

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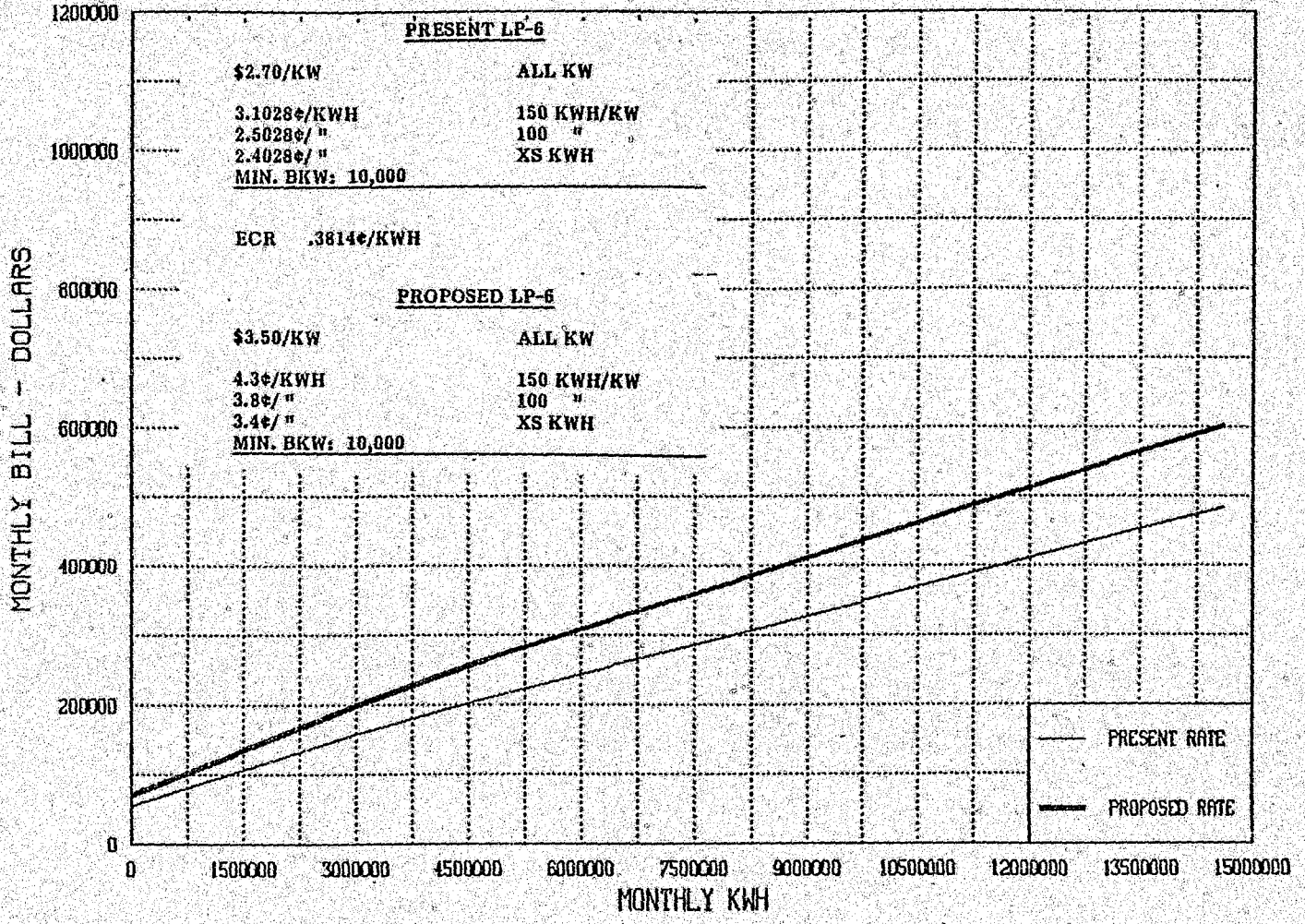

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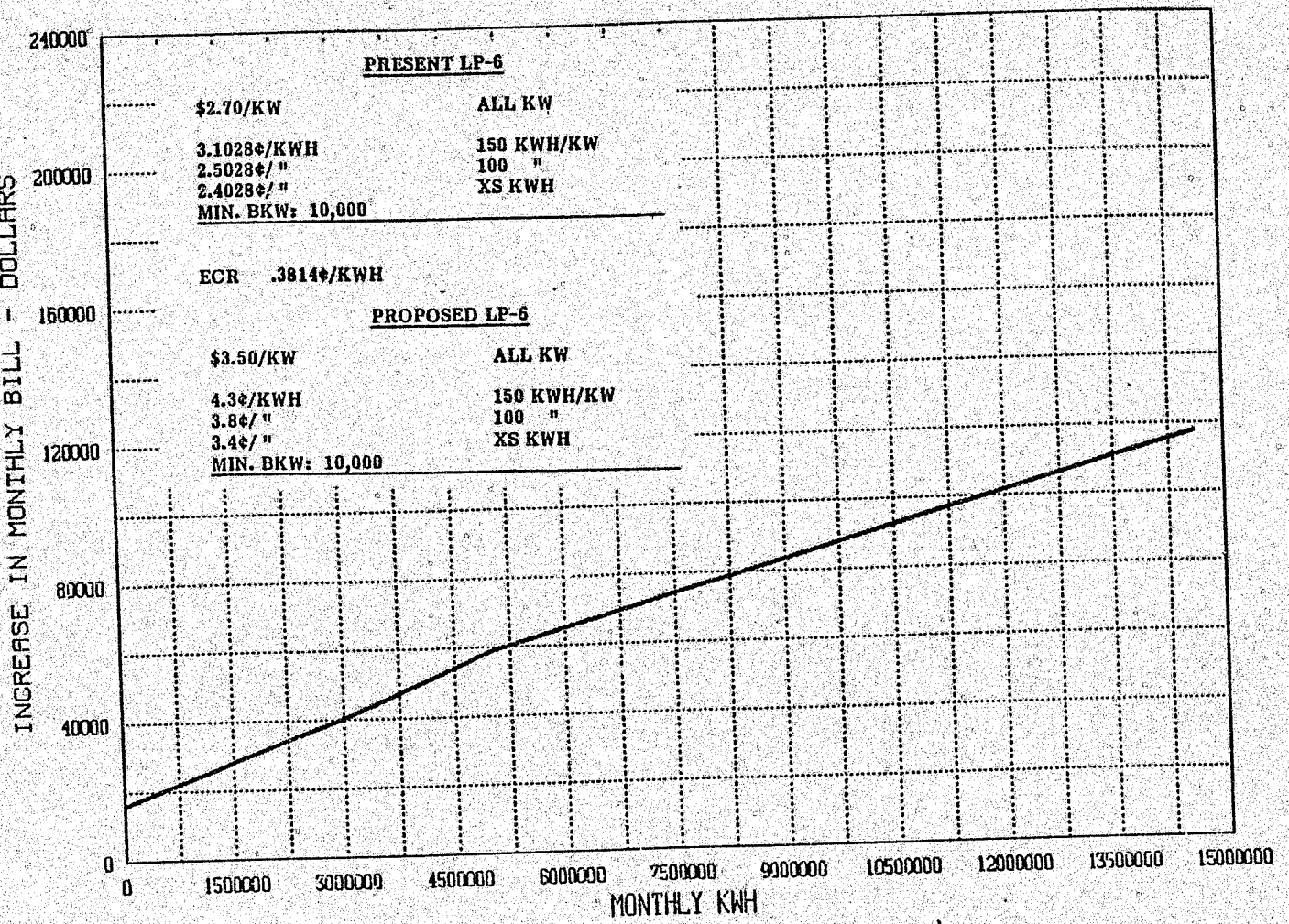
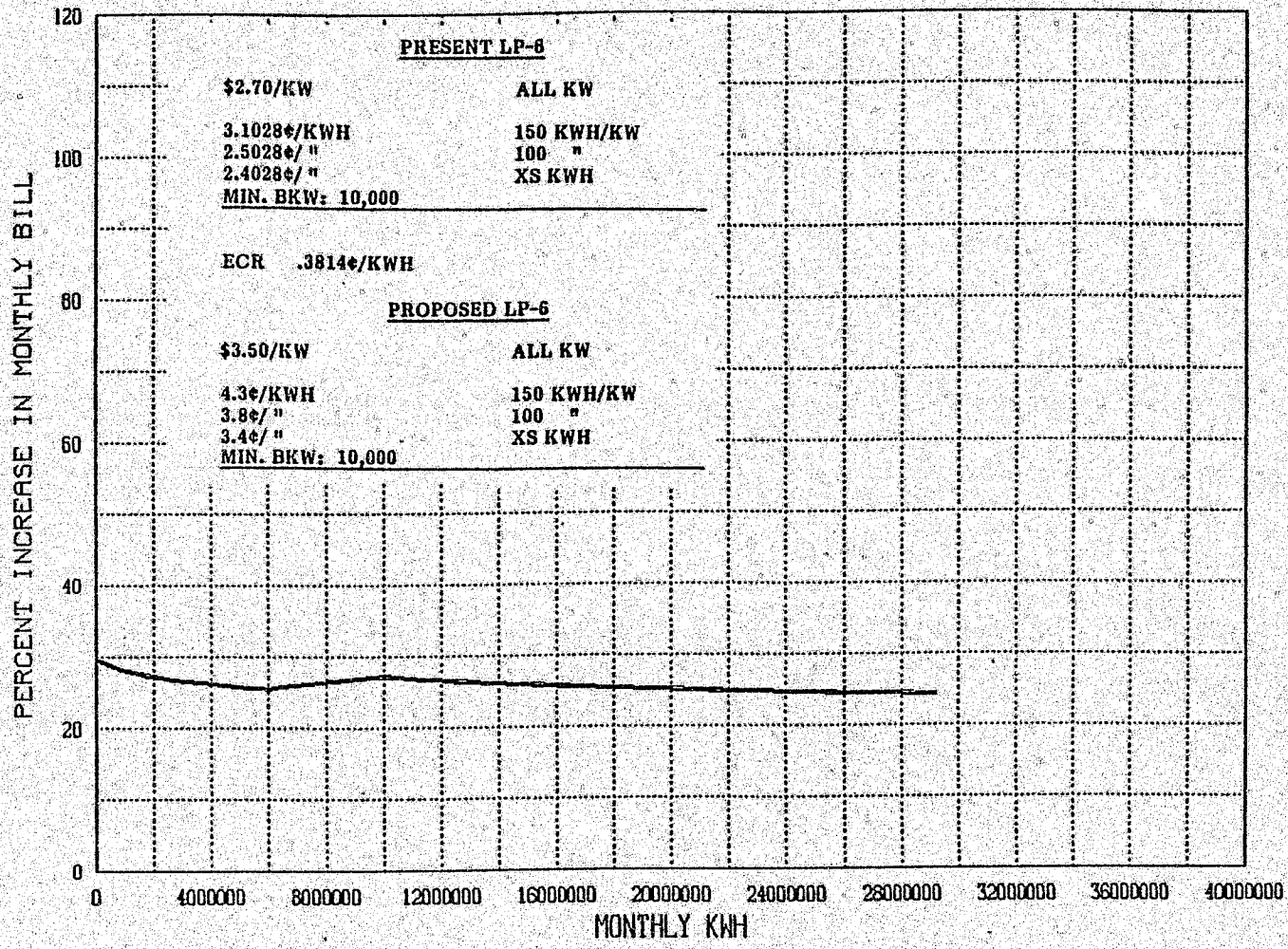


PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 20000KW

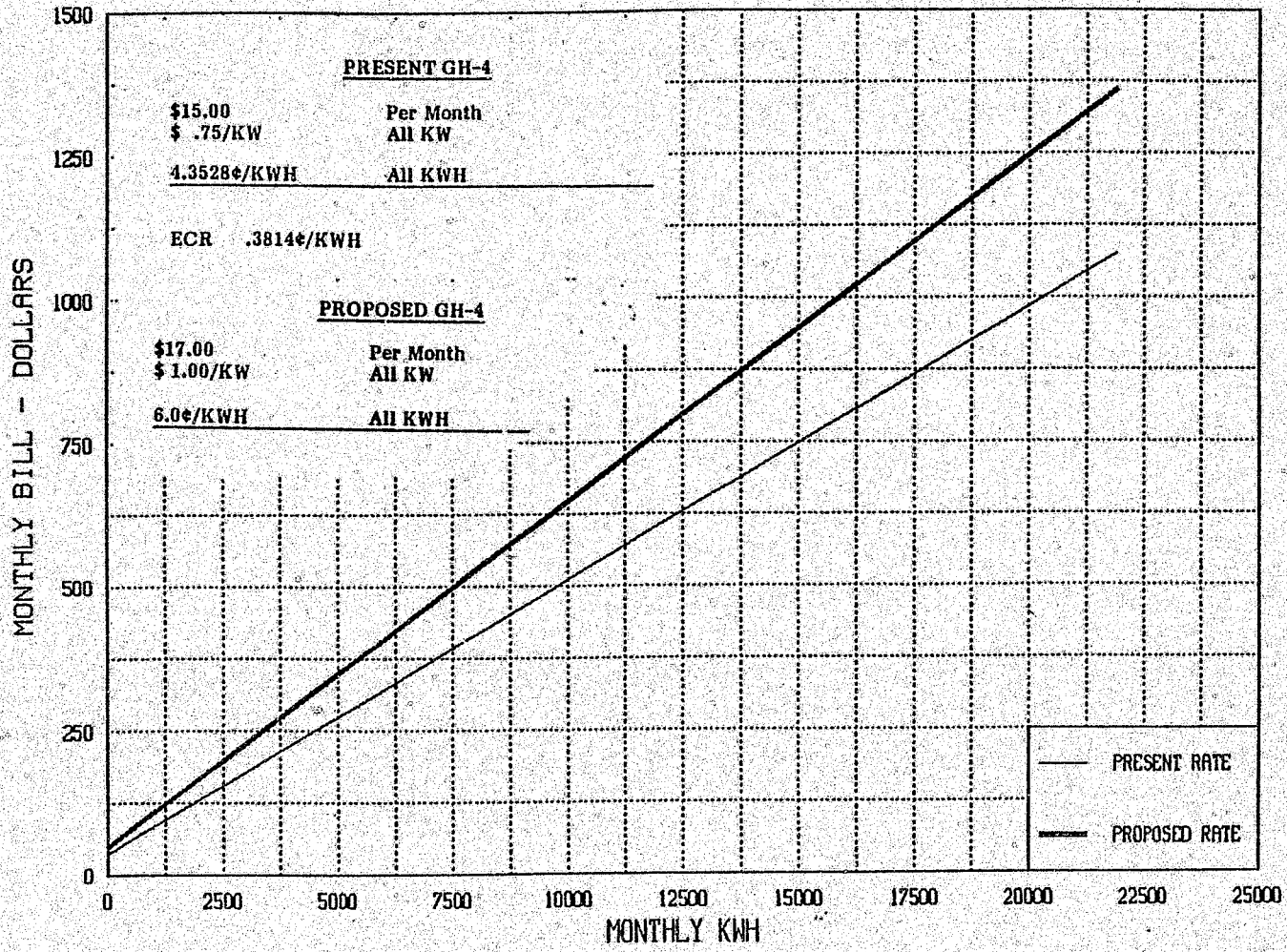
PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 40000KW

PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 40000KW

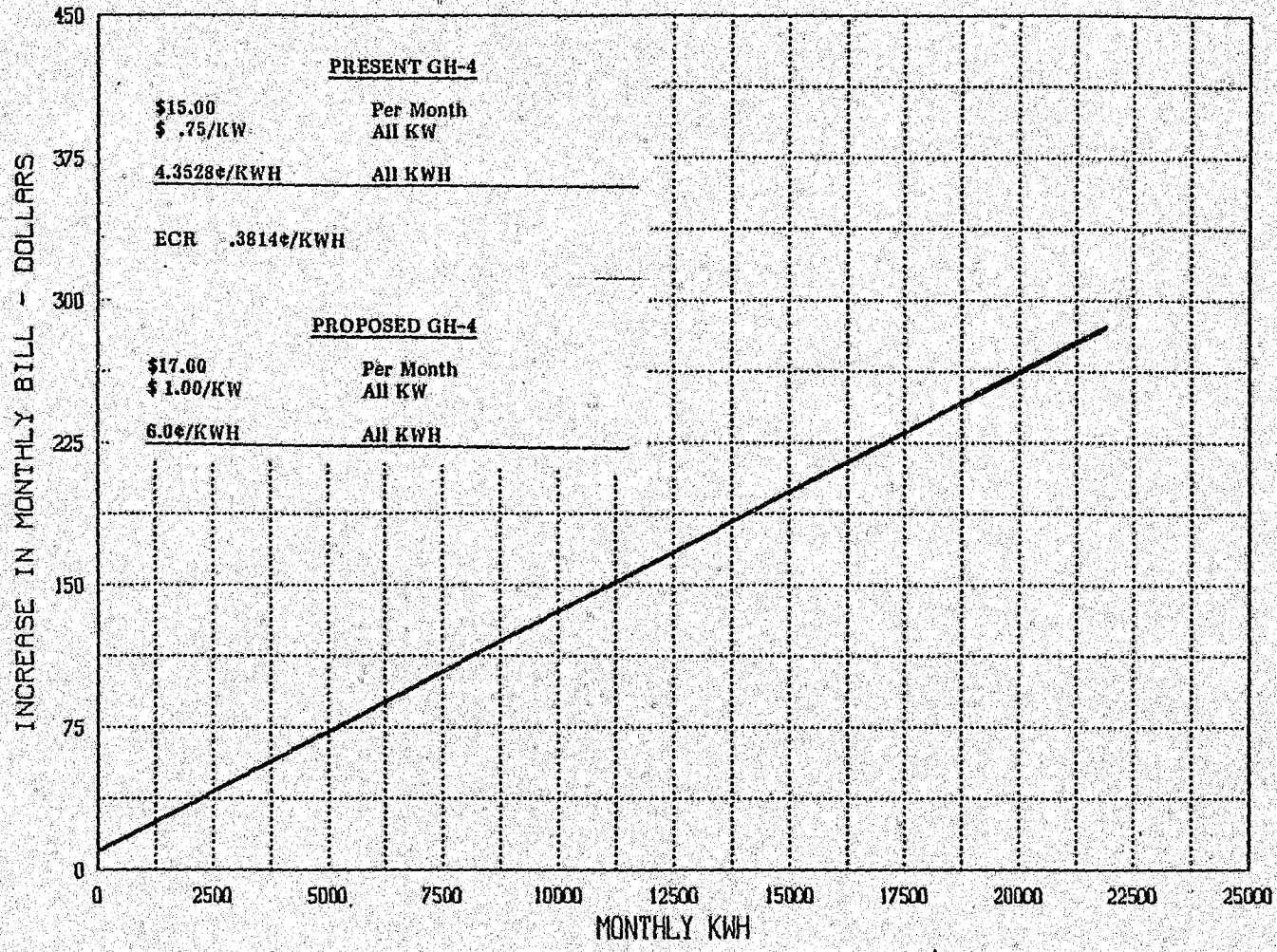
PROPOSED BASE RATE LP6 OVER PRESENT PRO-FORMA LP6 40000KW



PROPOSED BASE RATE GH4 OVER PRESENT PRO-FORMA 30KW

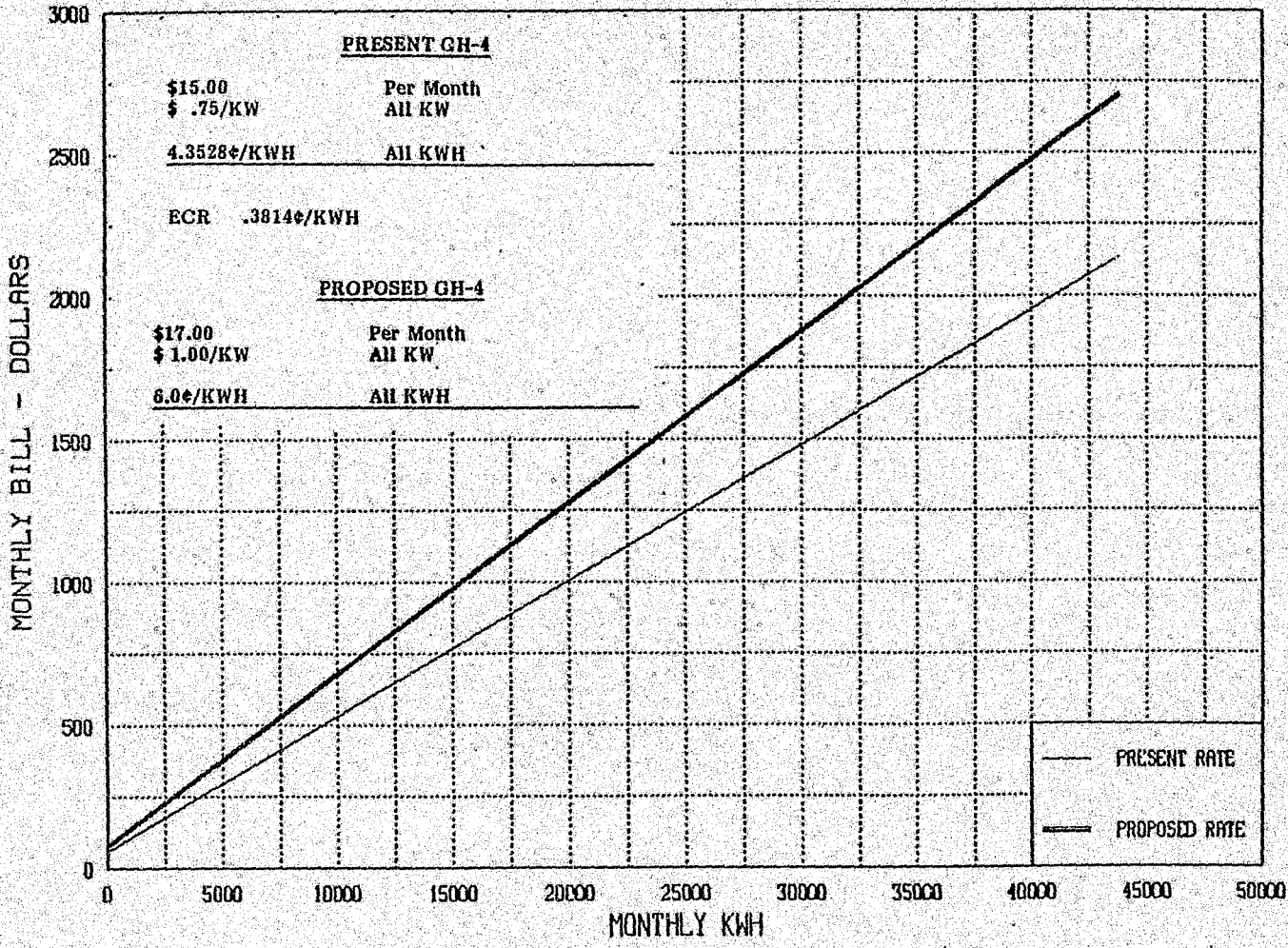


PROPOSED BASE RATE GH4 OVER PRESENT PRO-FORMA 30KW



PROPOSED BASE RATE GH4 OVER PRESENT PRO-FORMA 30KW

PROPOSED BASE RATE GH4 OVER PRESENT PRO-FORMA 60KW



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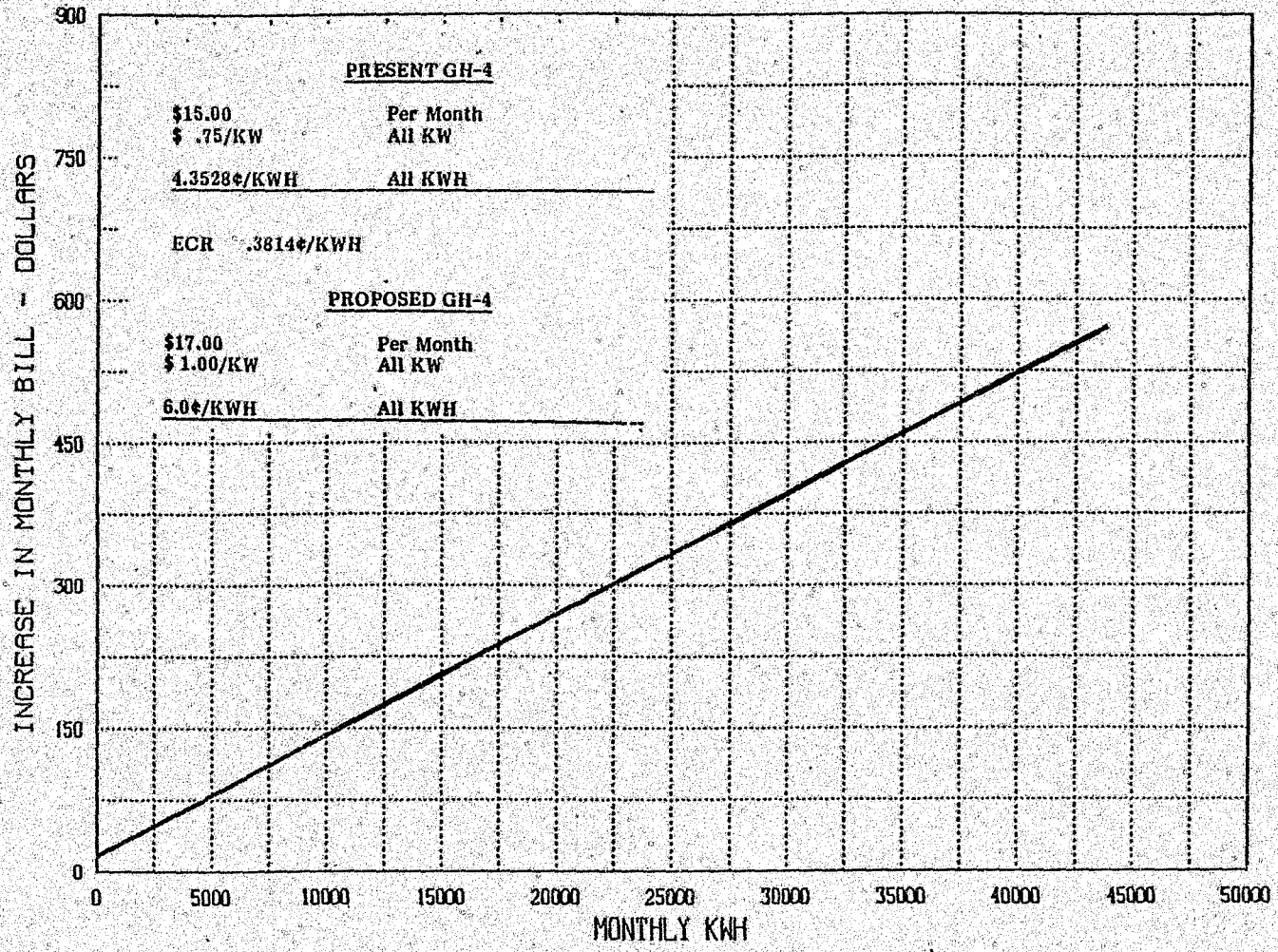

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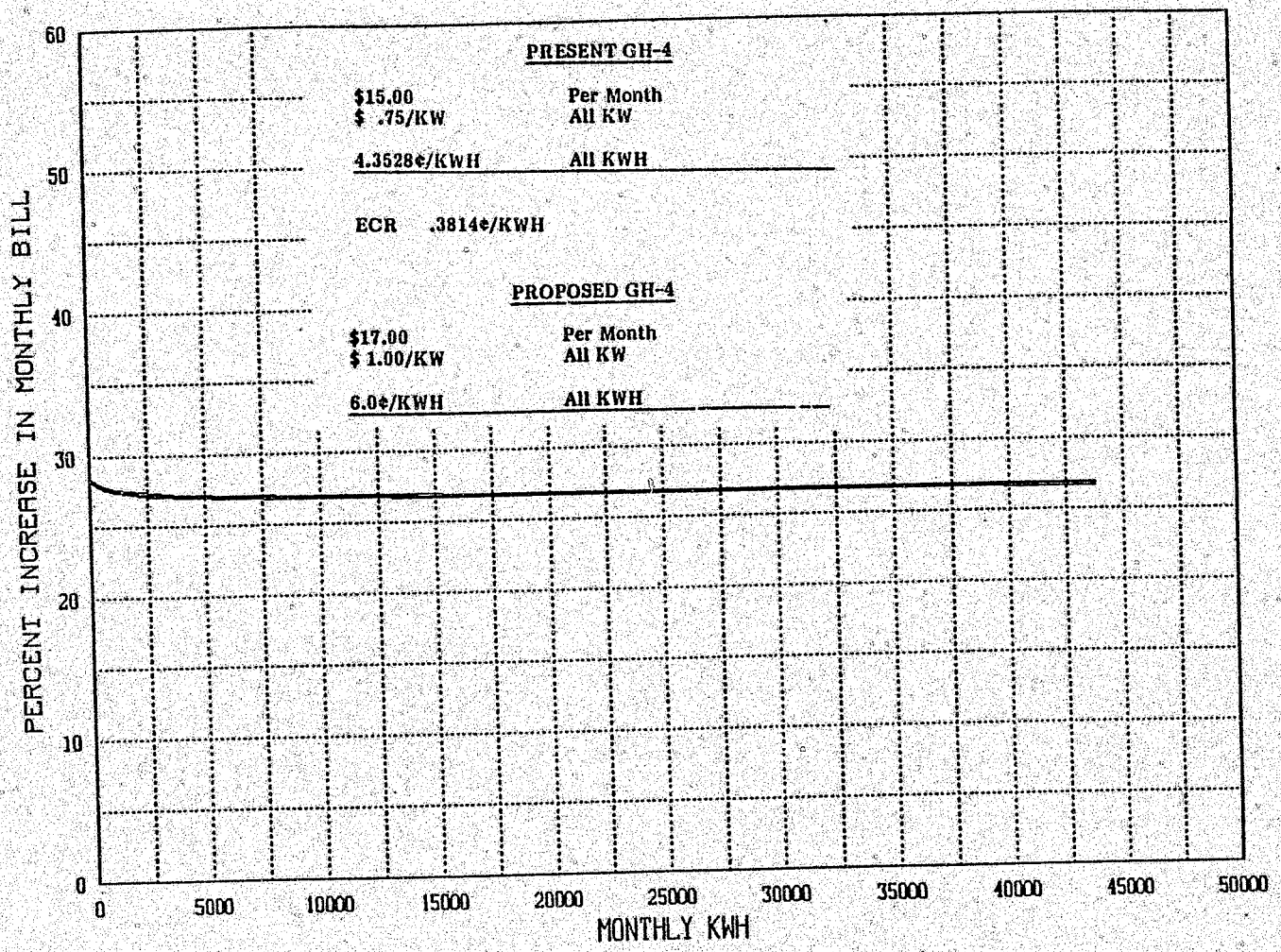

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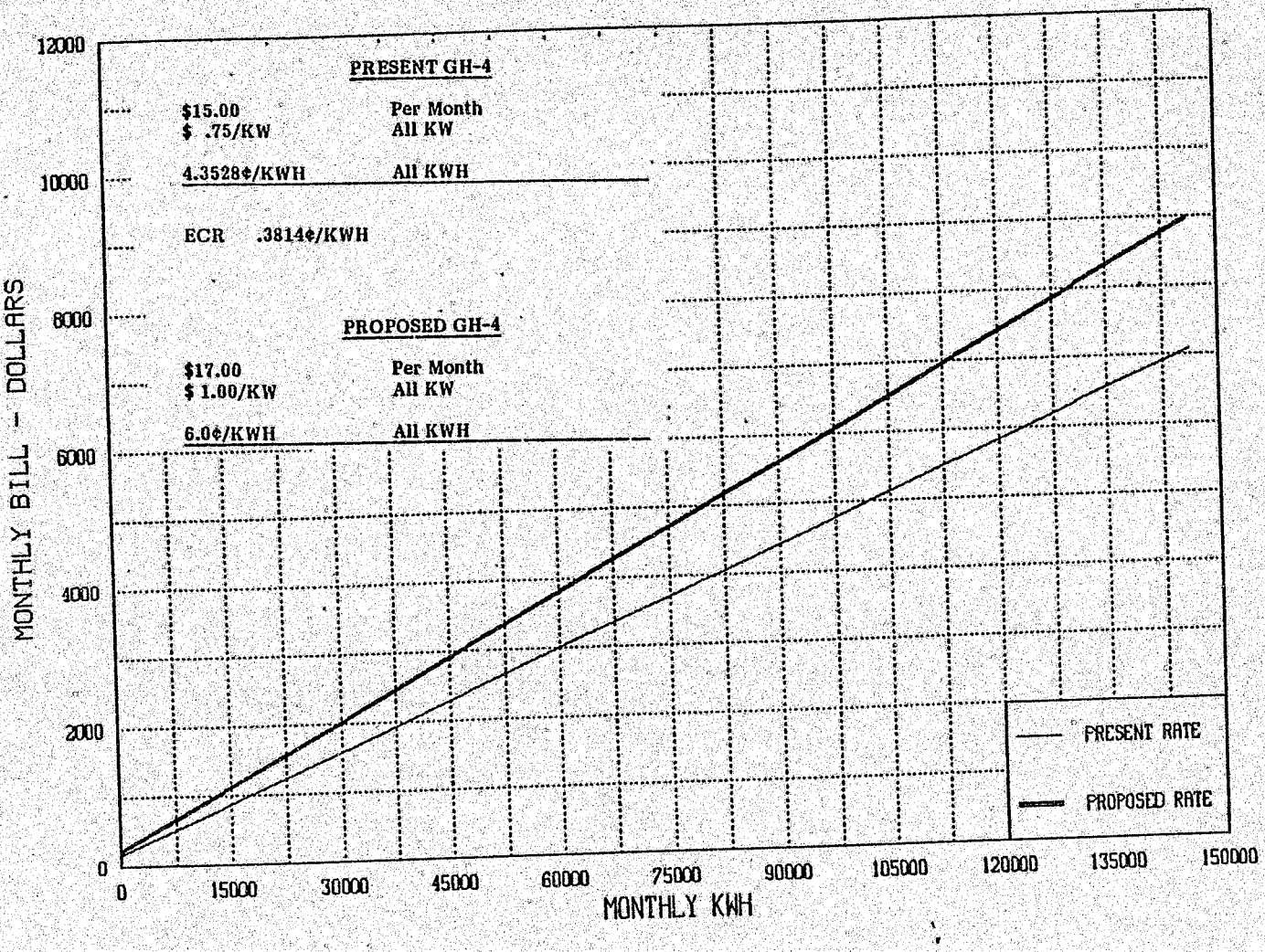

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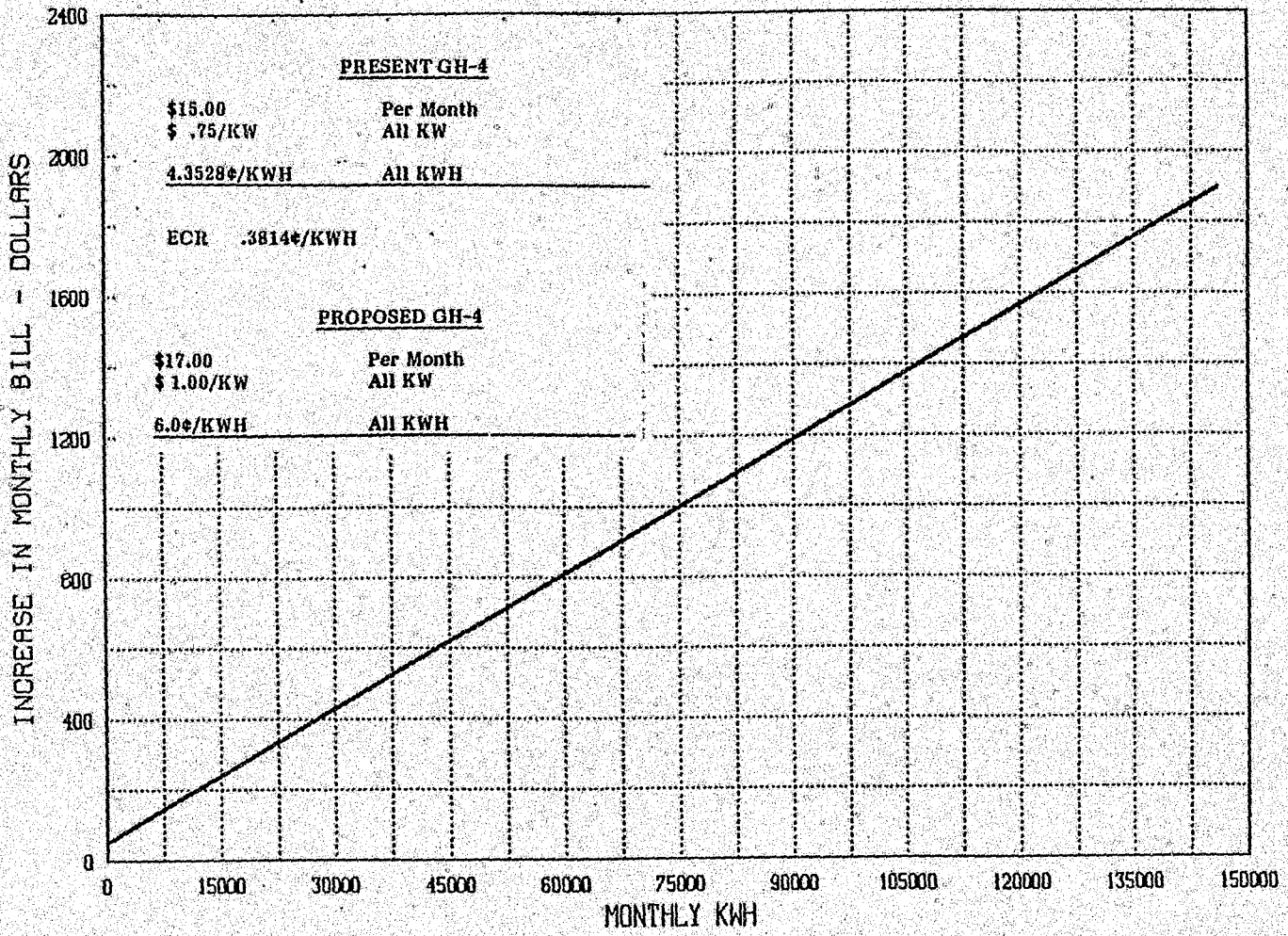

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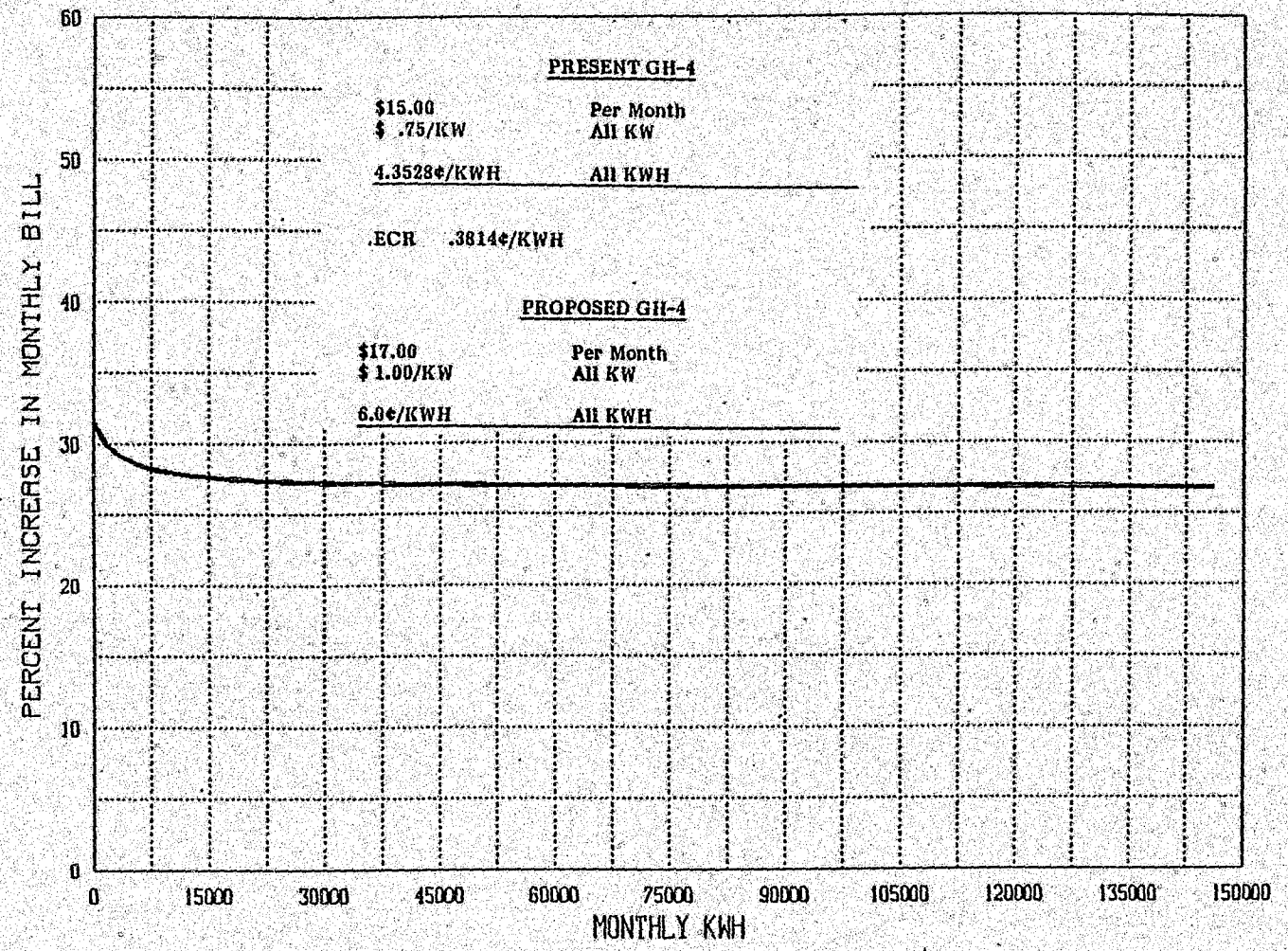
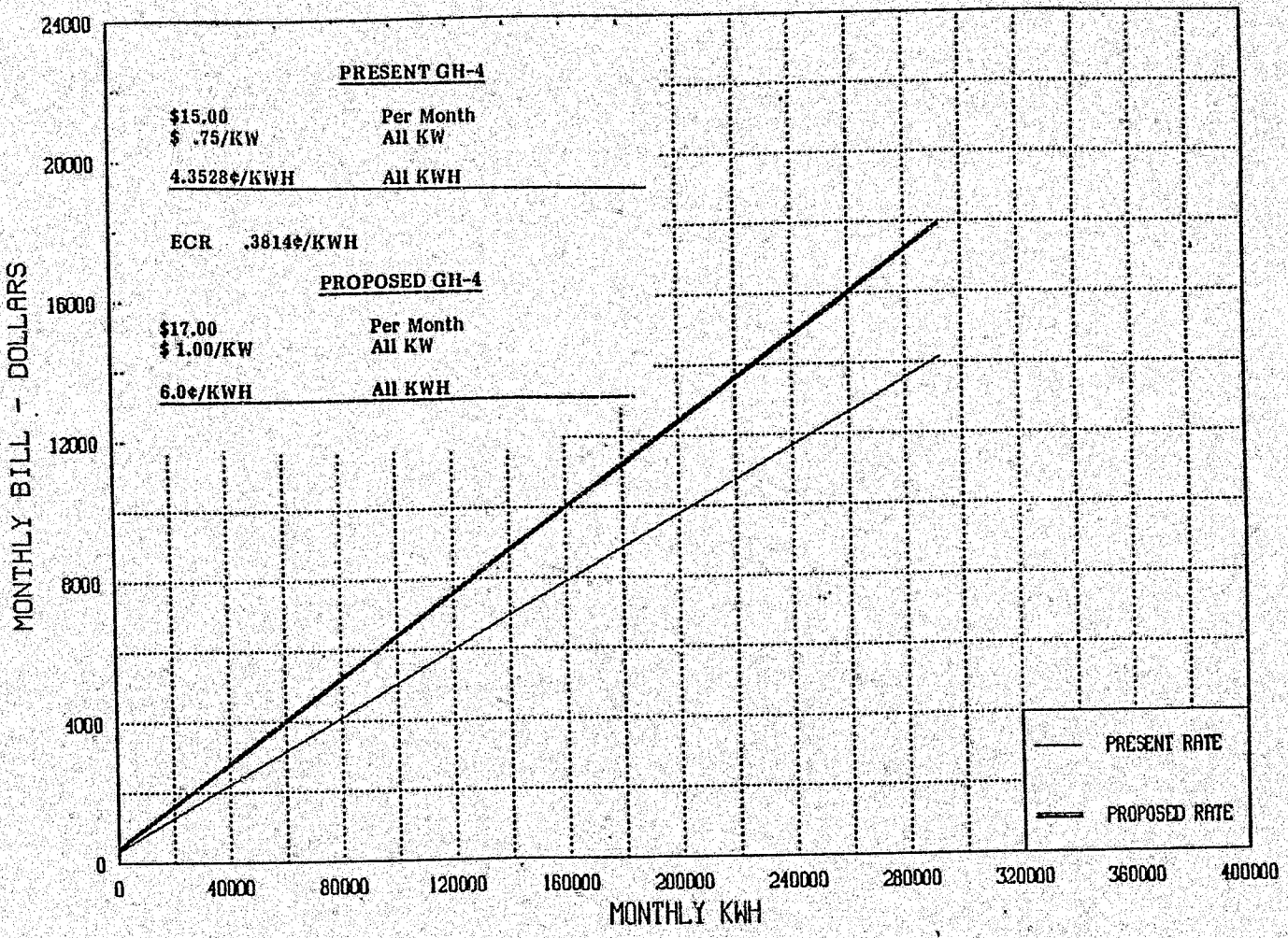


PROPOSED BASE RATE GH4 OVER PRESENT PRO-FORMA 400KW



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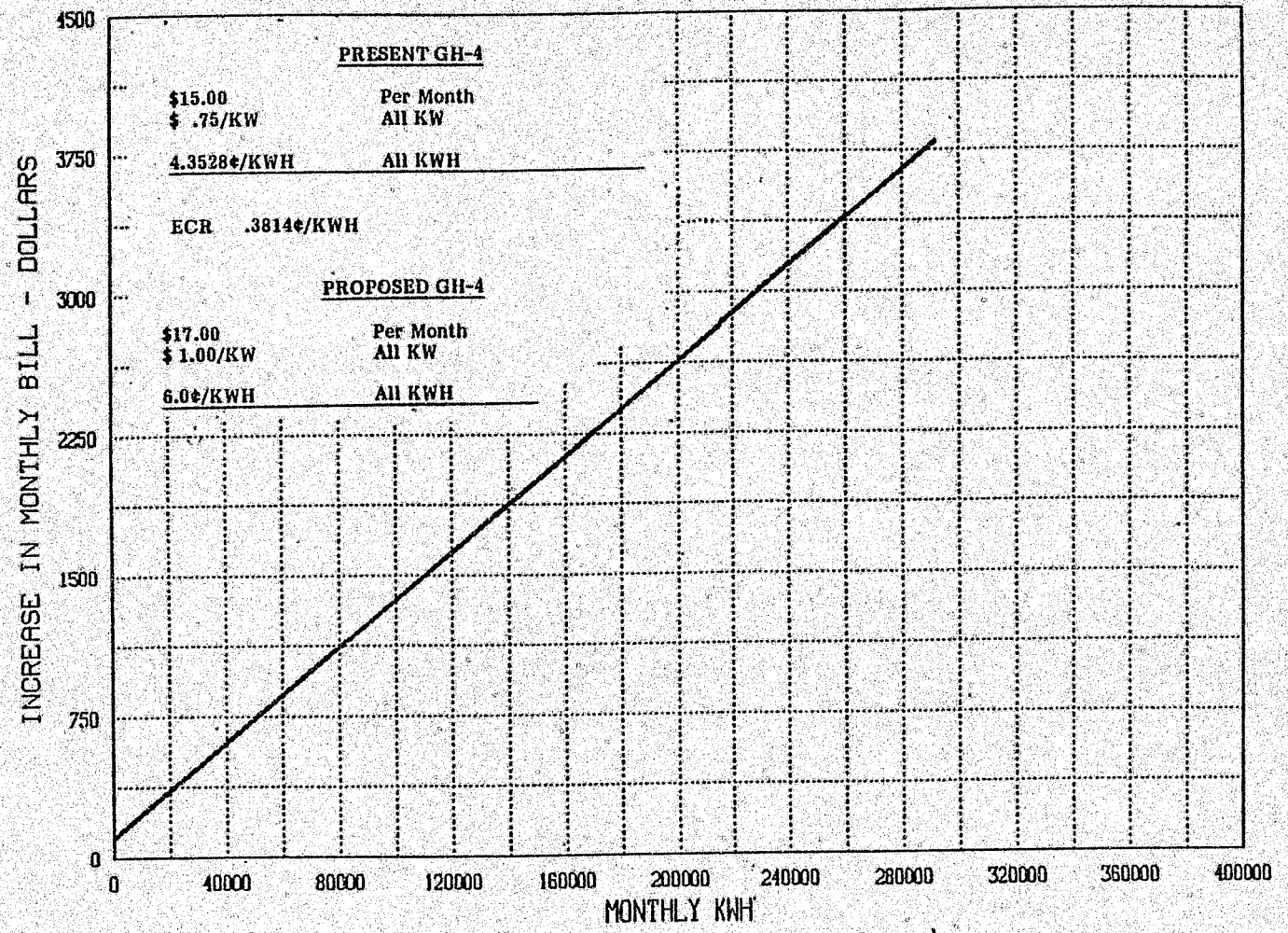

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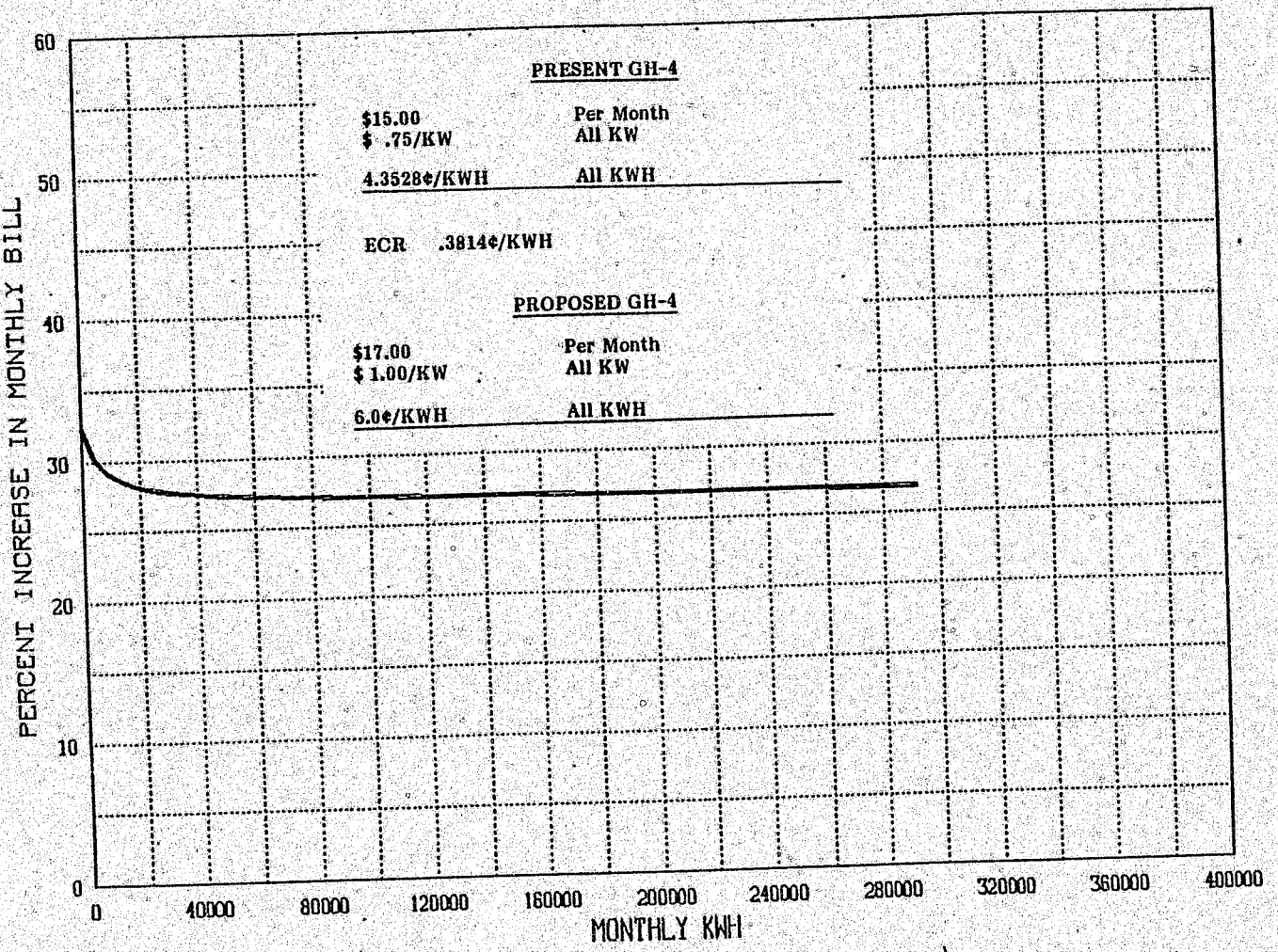
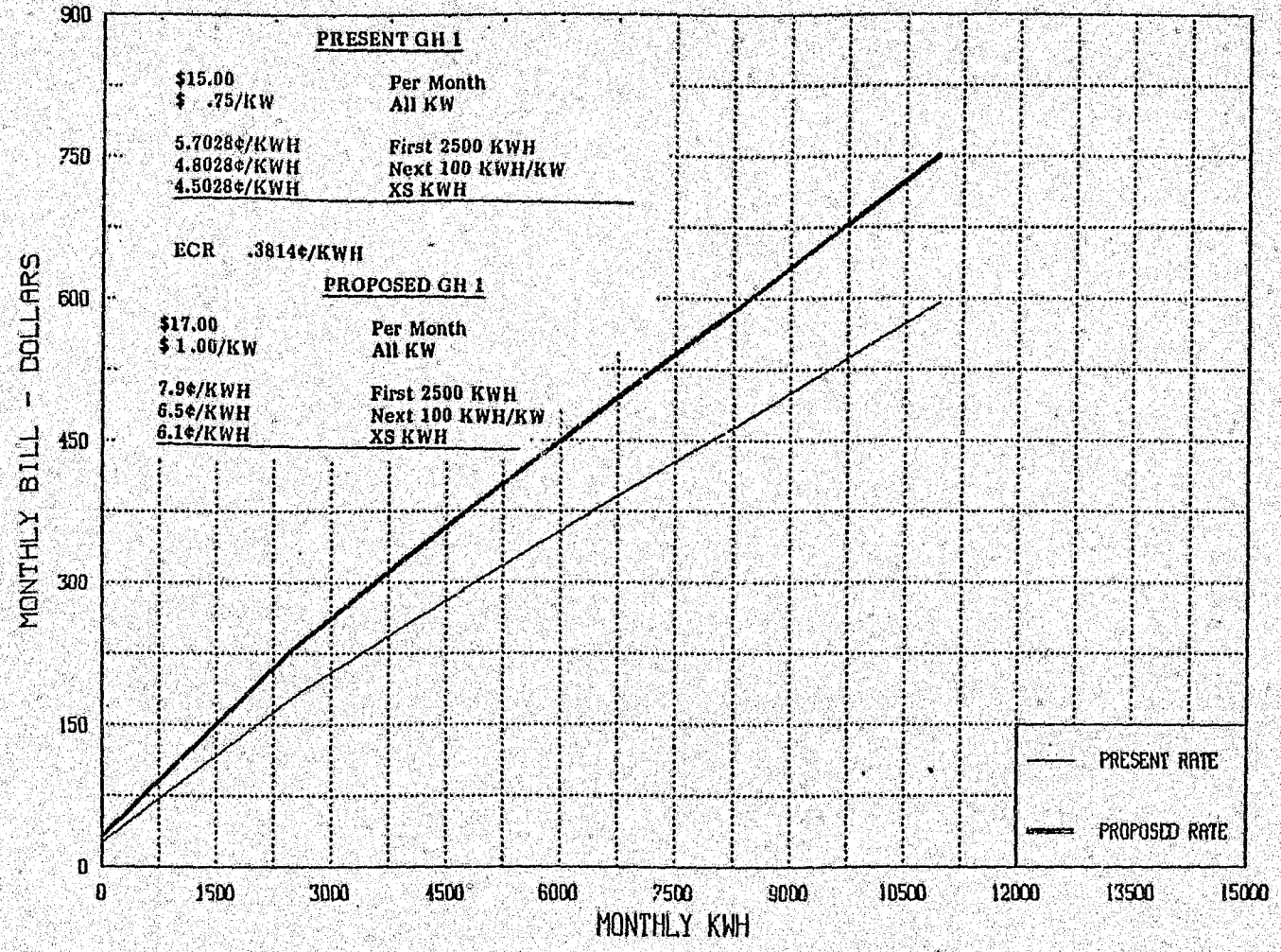


PROPOSED BASE RATE GH1 OVER PRESENT PRO-FORMA GH1 15KW



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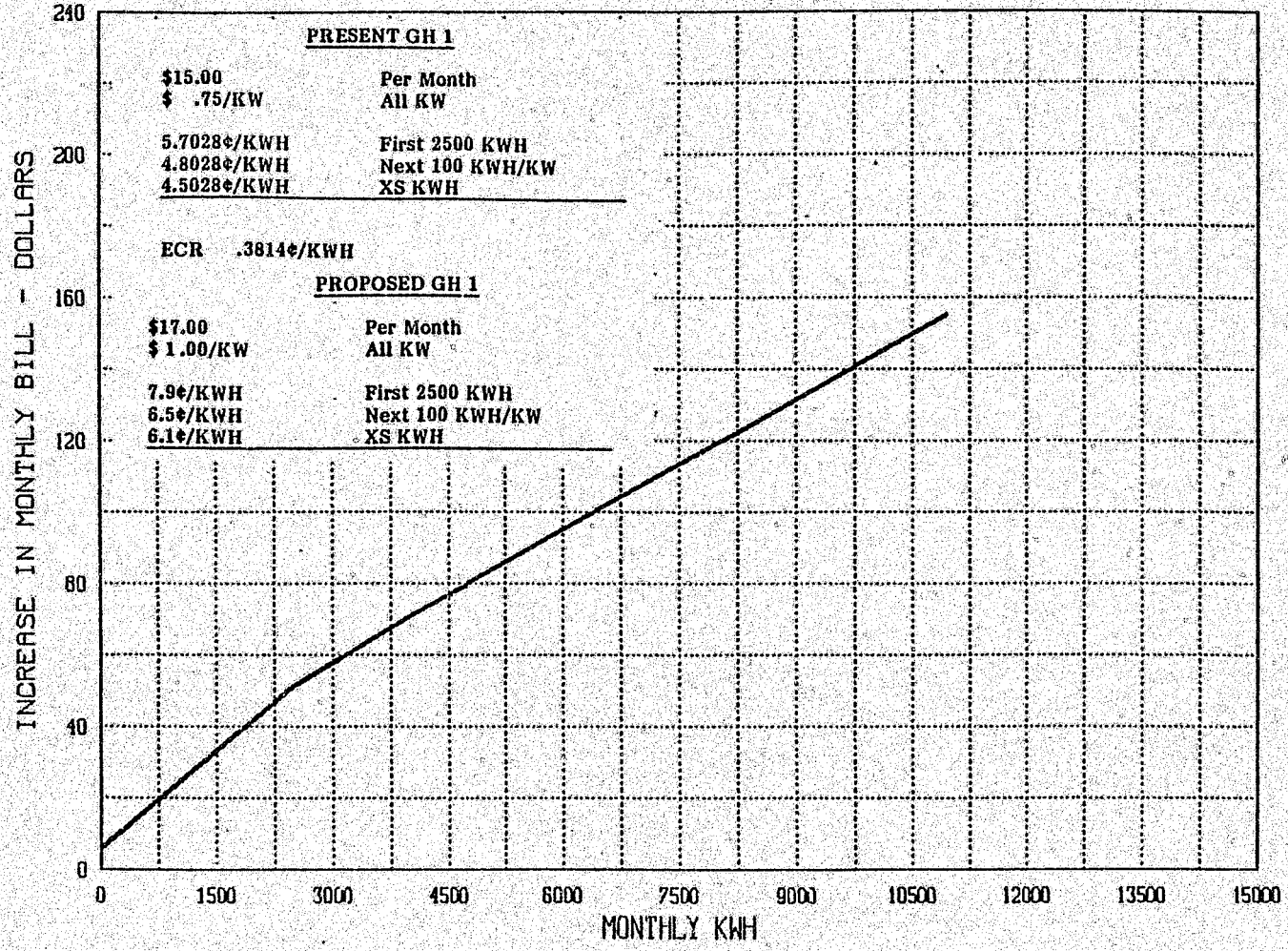
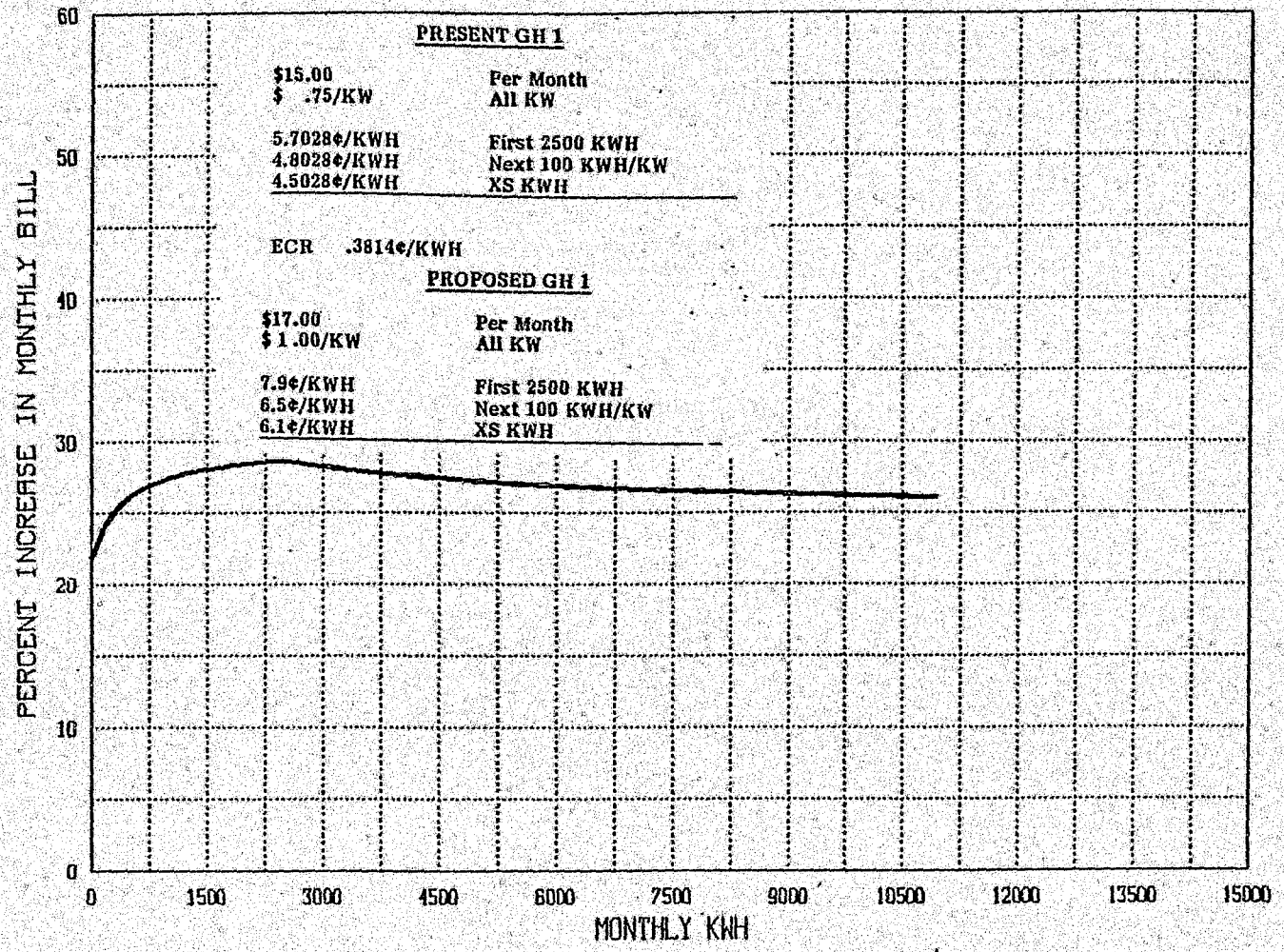


PROPOSED BASE RATE GH1 OVER PRESENT PRO-FORMA GH1 15KW



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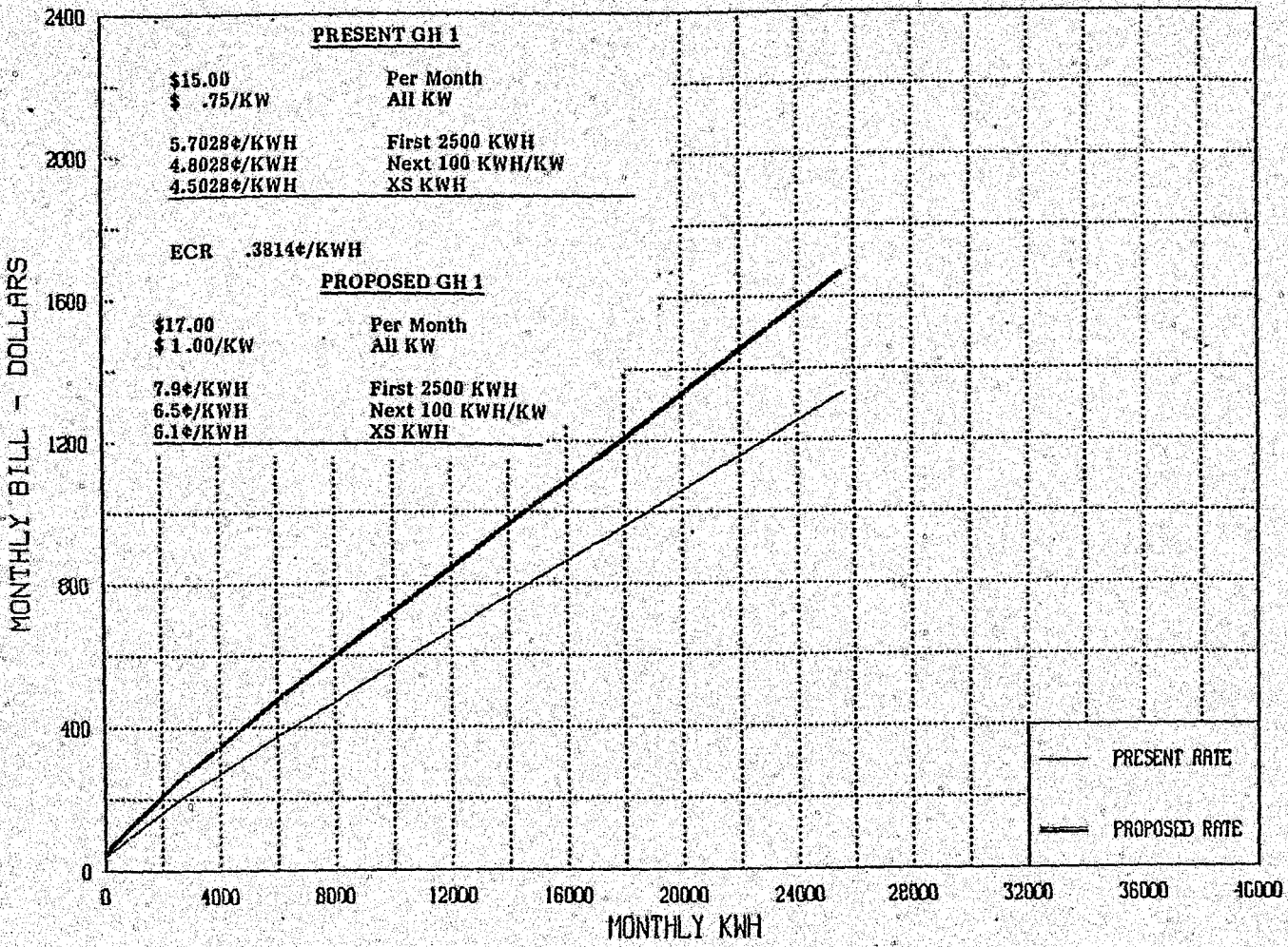

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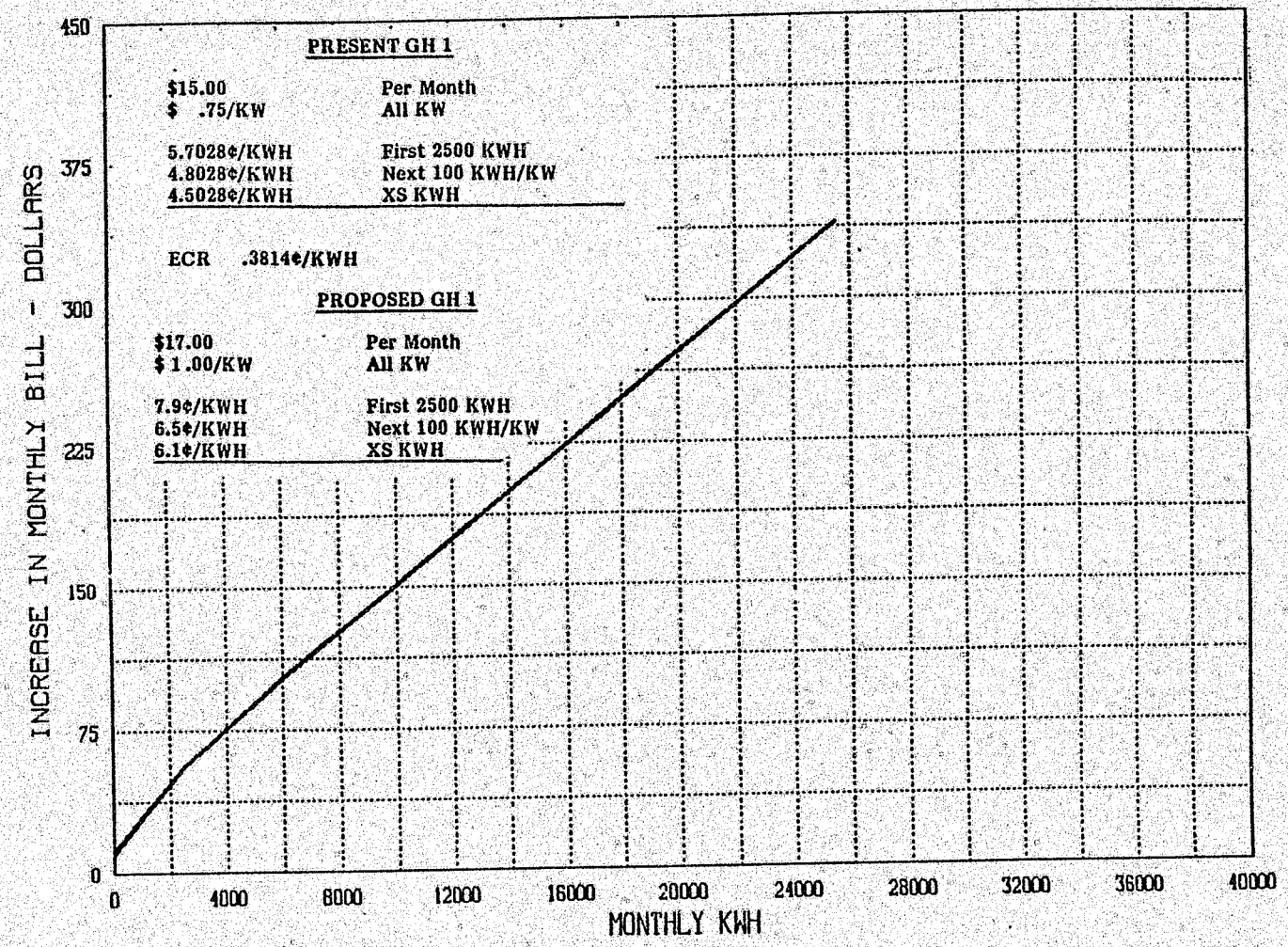
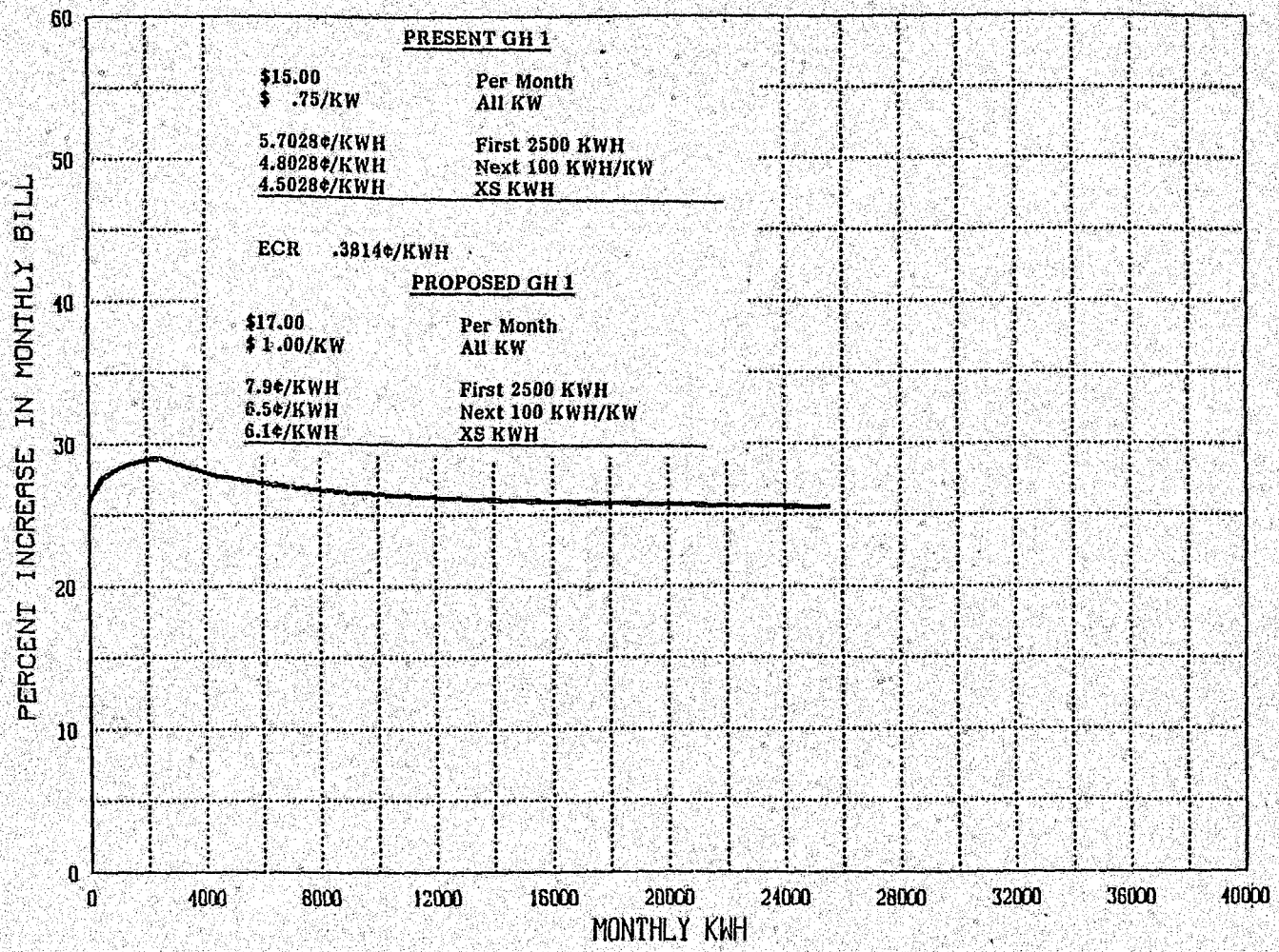


PROPOSED BASE RATE GH1 OVER PRESENT PRO-FORMA GH1 35KW



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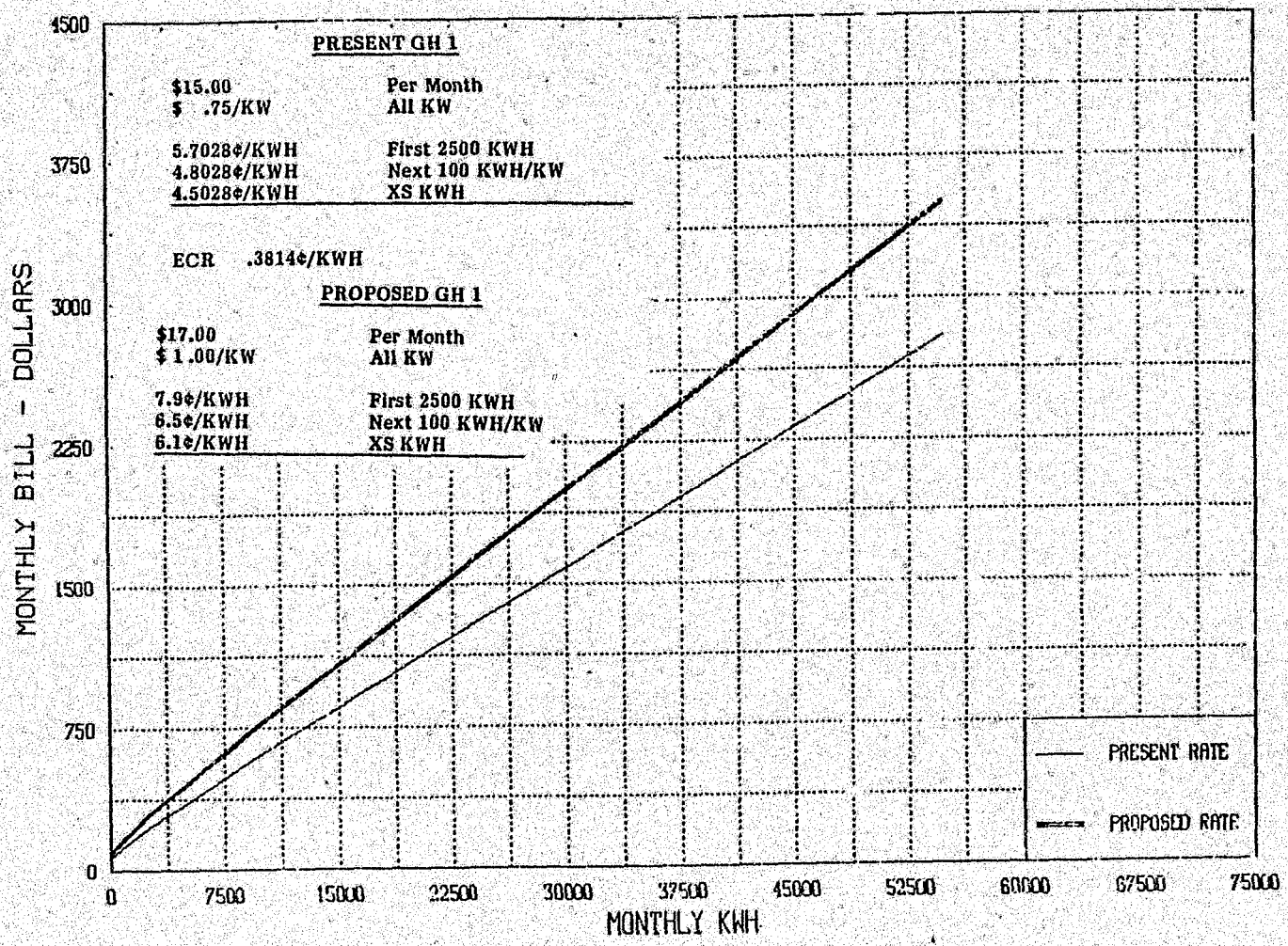
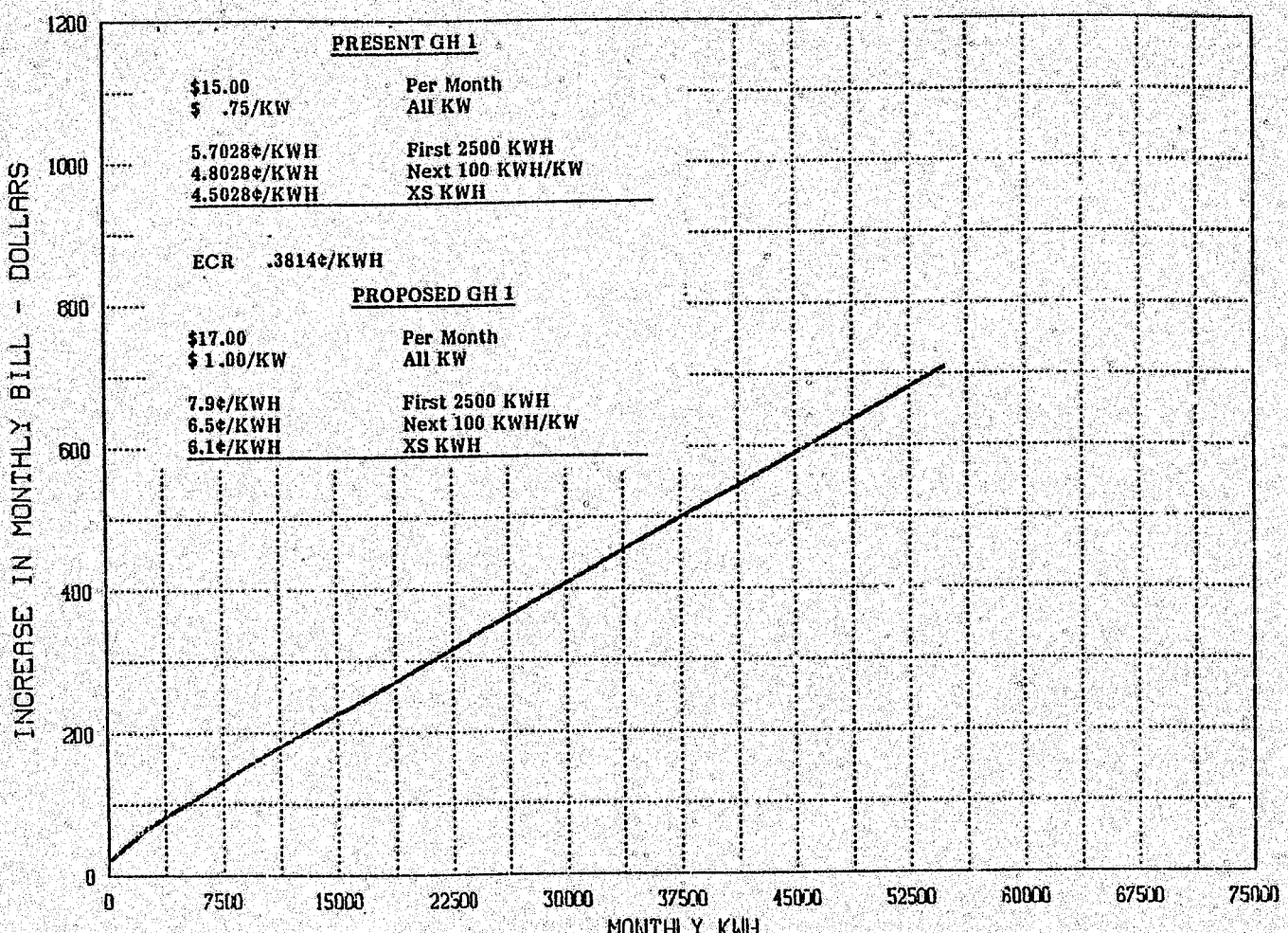


PROPOSED BASE RATE GH1 OVER PRESENT PRO-FORMA GH1 75KW



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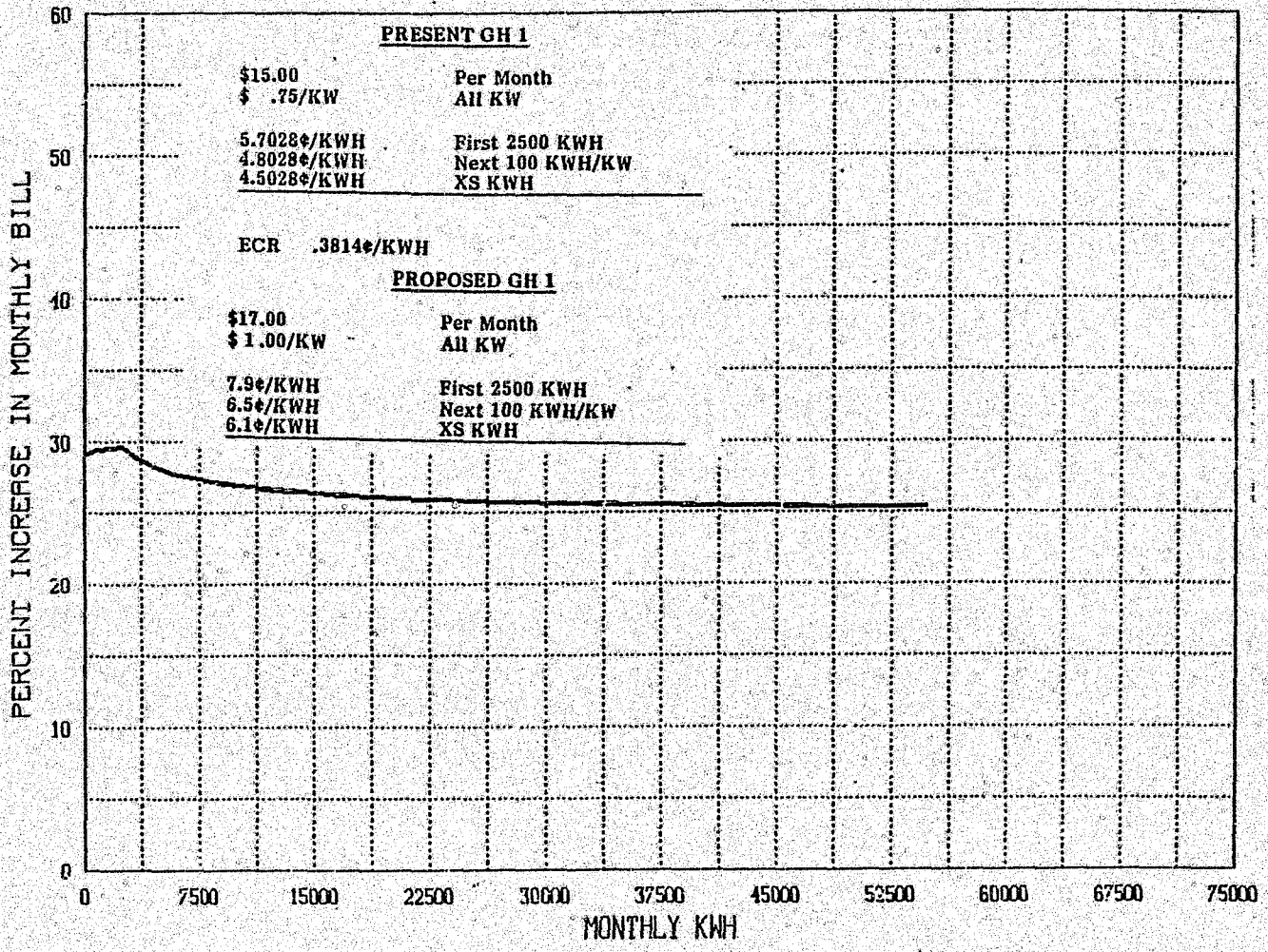
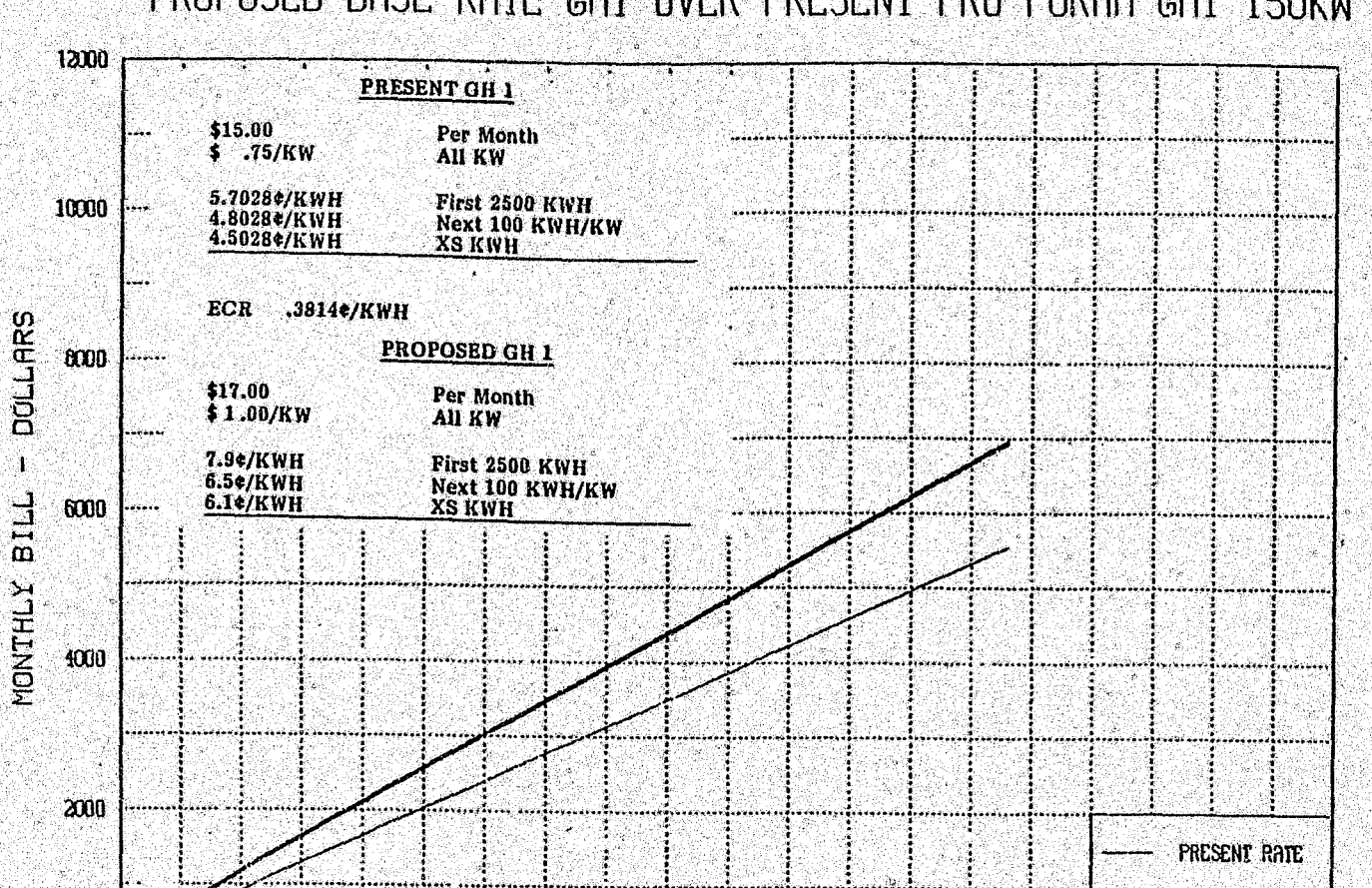


PROPOSED BASE RATE GH1 OVER PRESENT PRO-FORMA GH1 150KW



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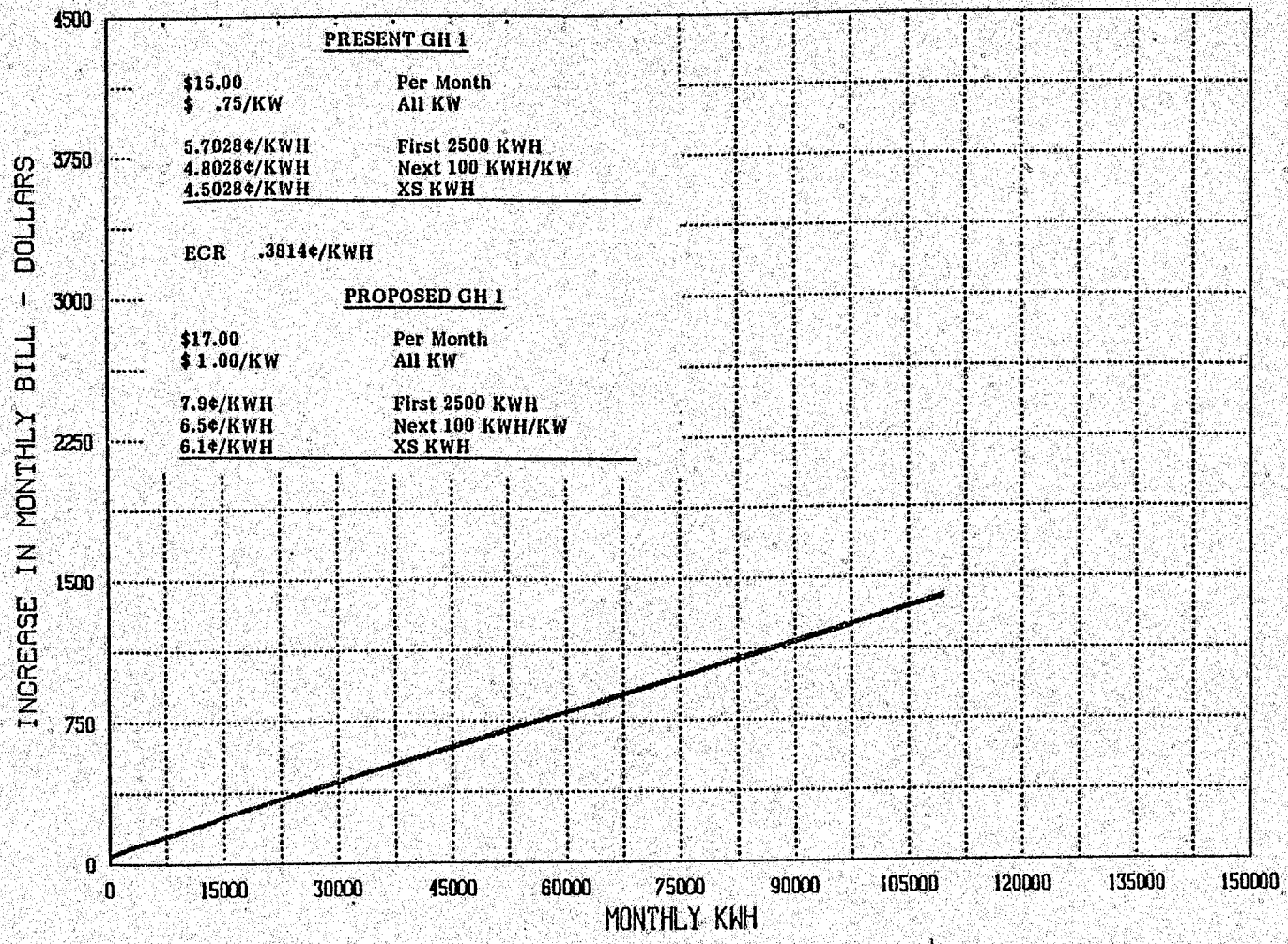

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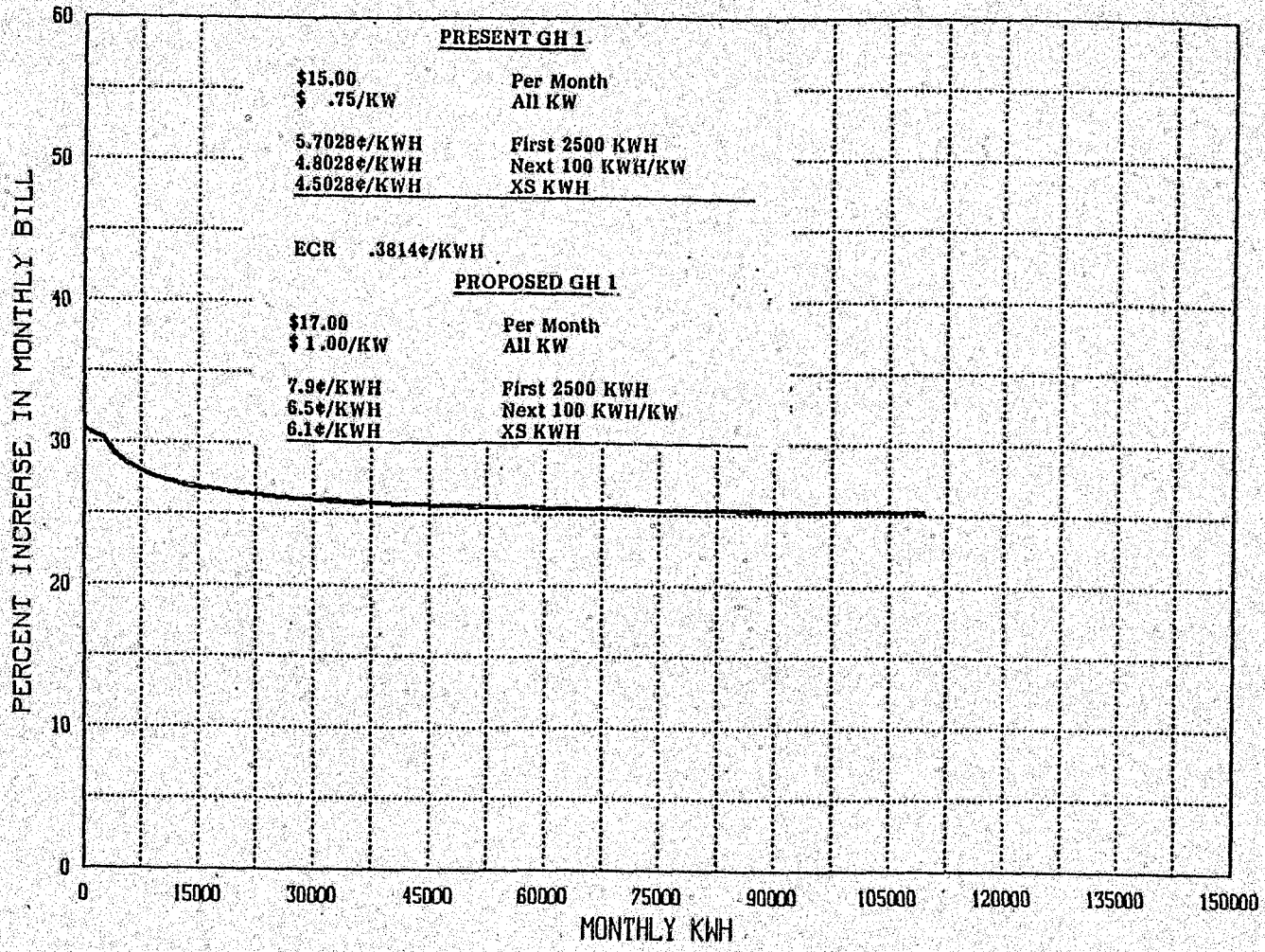

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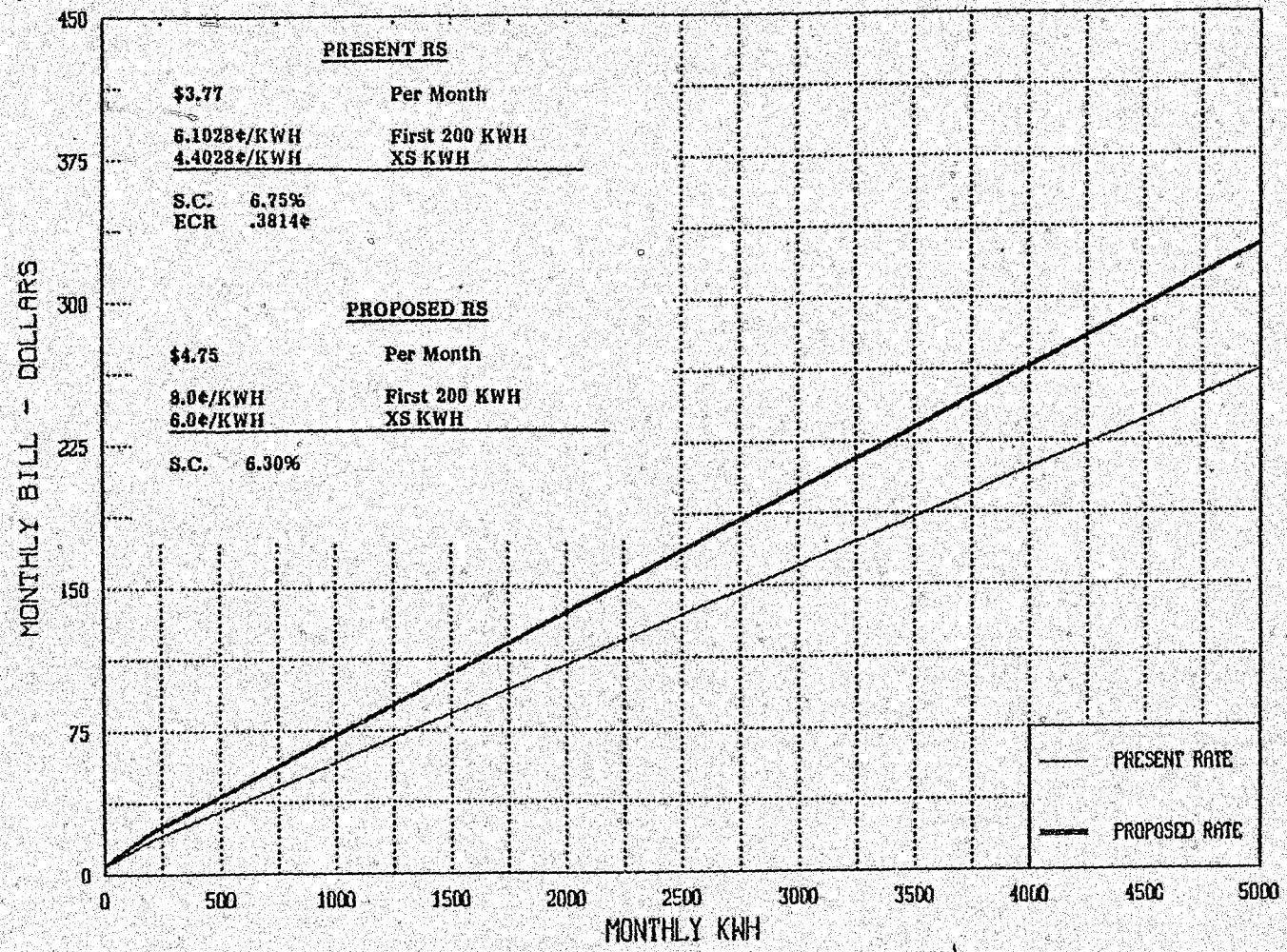

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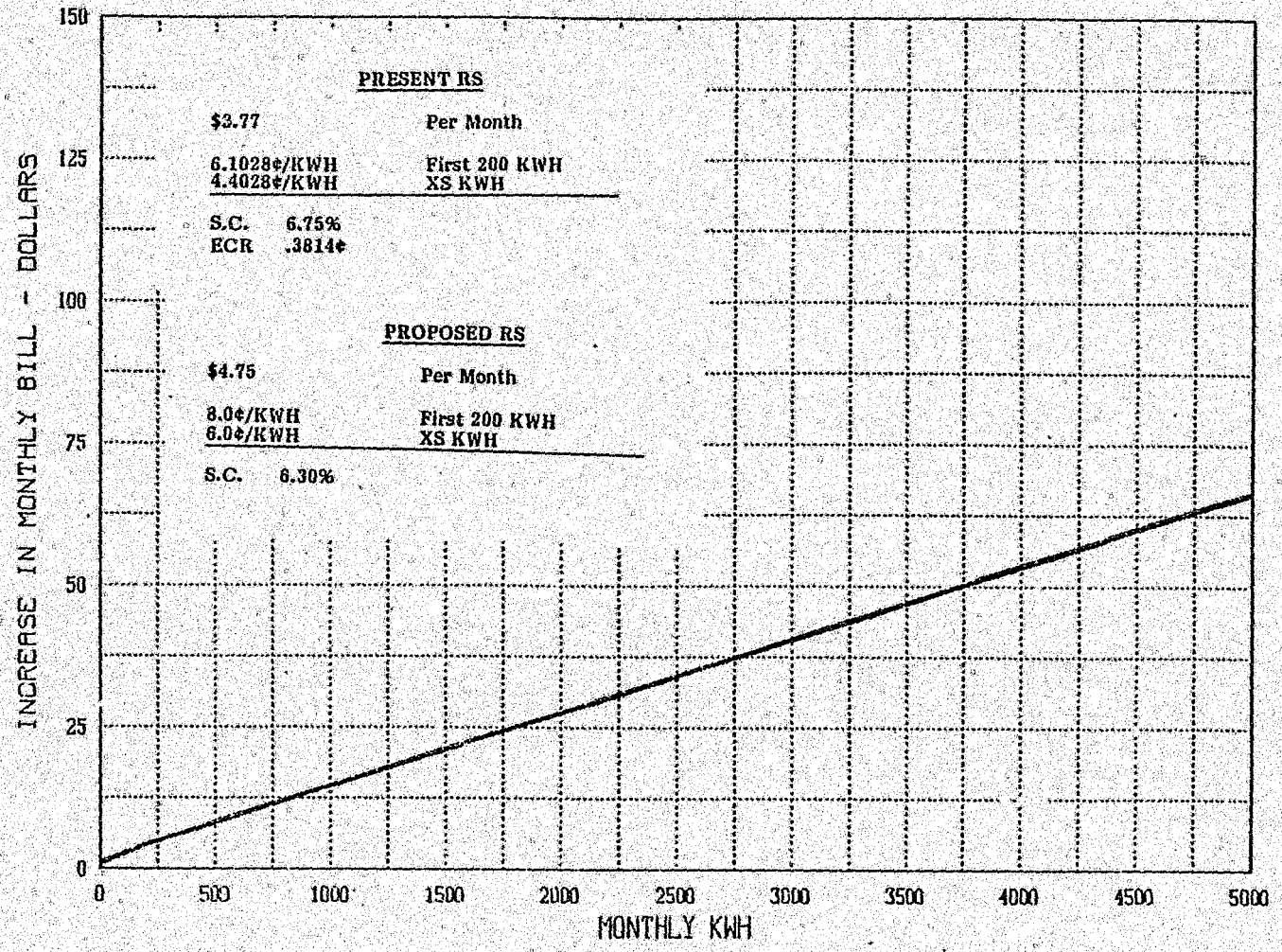
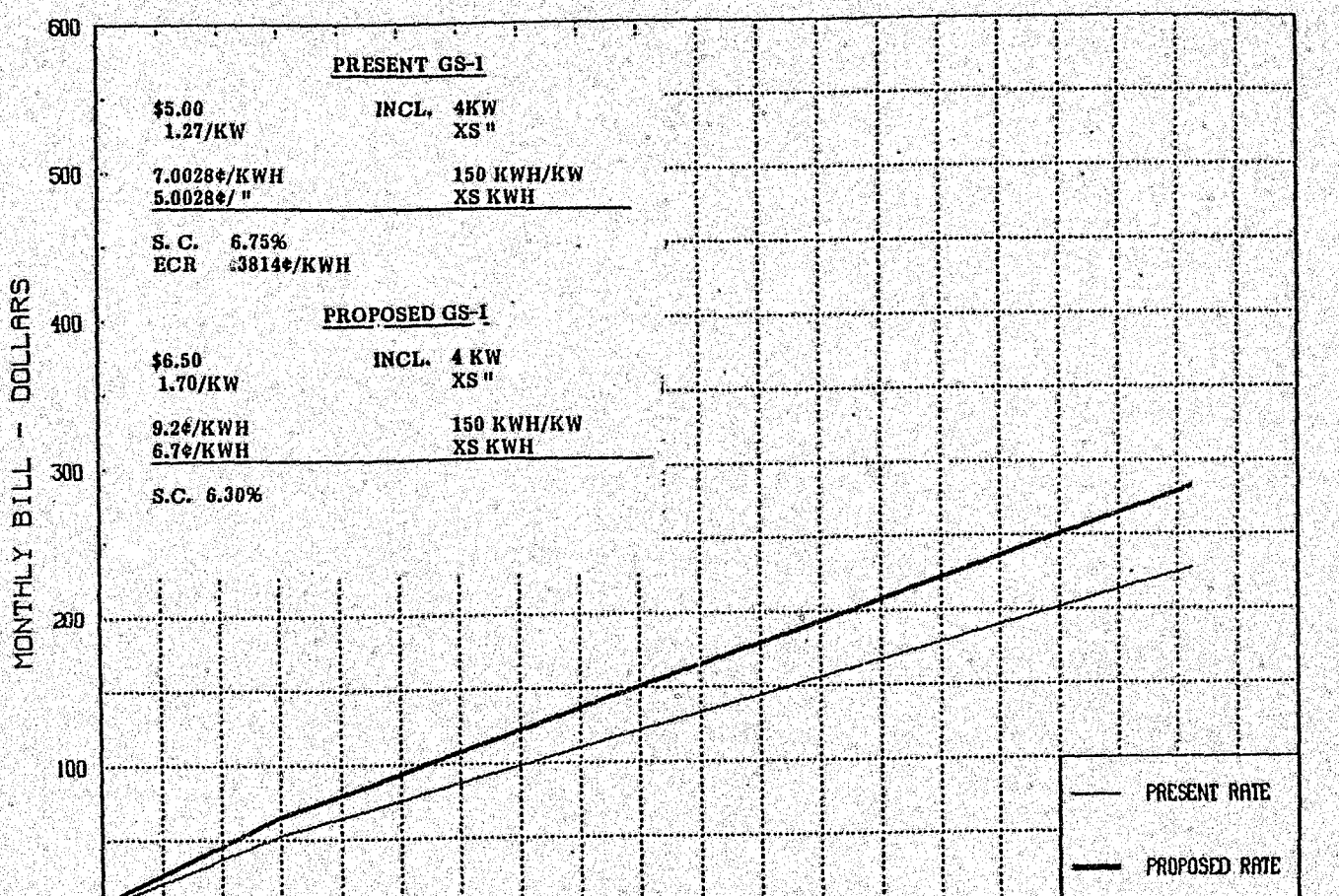


TOTAL REVENUE-PROPOSED RS OVER PRESENT RS

TOTAL REVENUE-PROPOSED GS1 OVER PRESENT GS1 4KW



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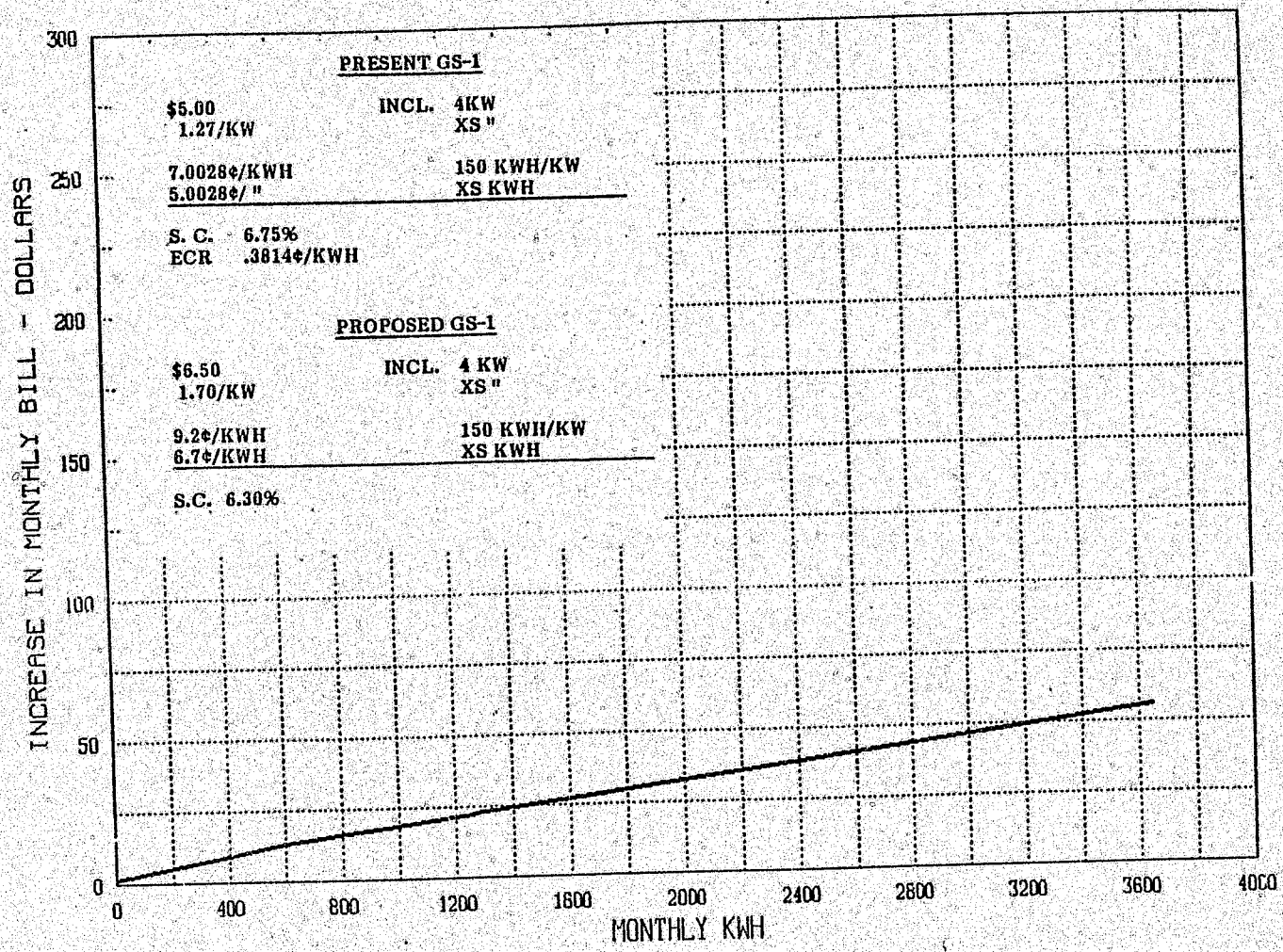
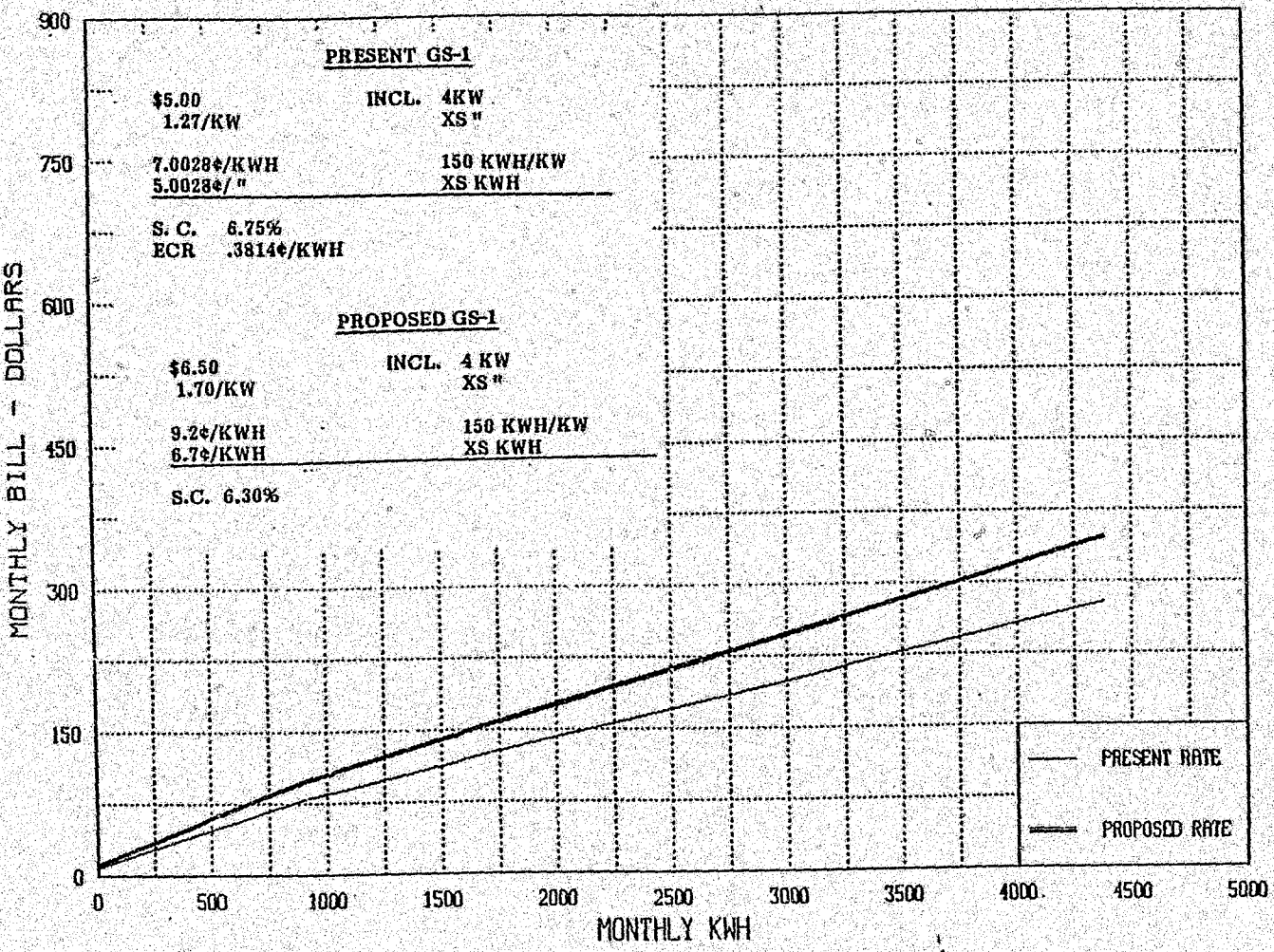


TOTAL REVENUE-PROPOSED GS1 OVER PRESENT GS1 4KW

TOTAL REVENUE-PROPOSED GS1 OVER PRESENT GS1 6KW



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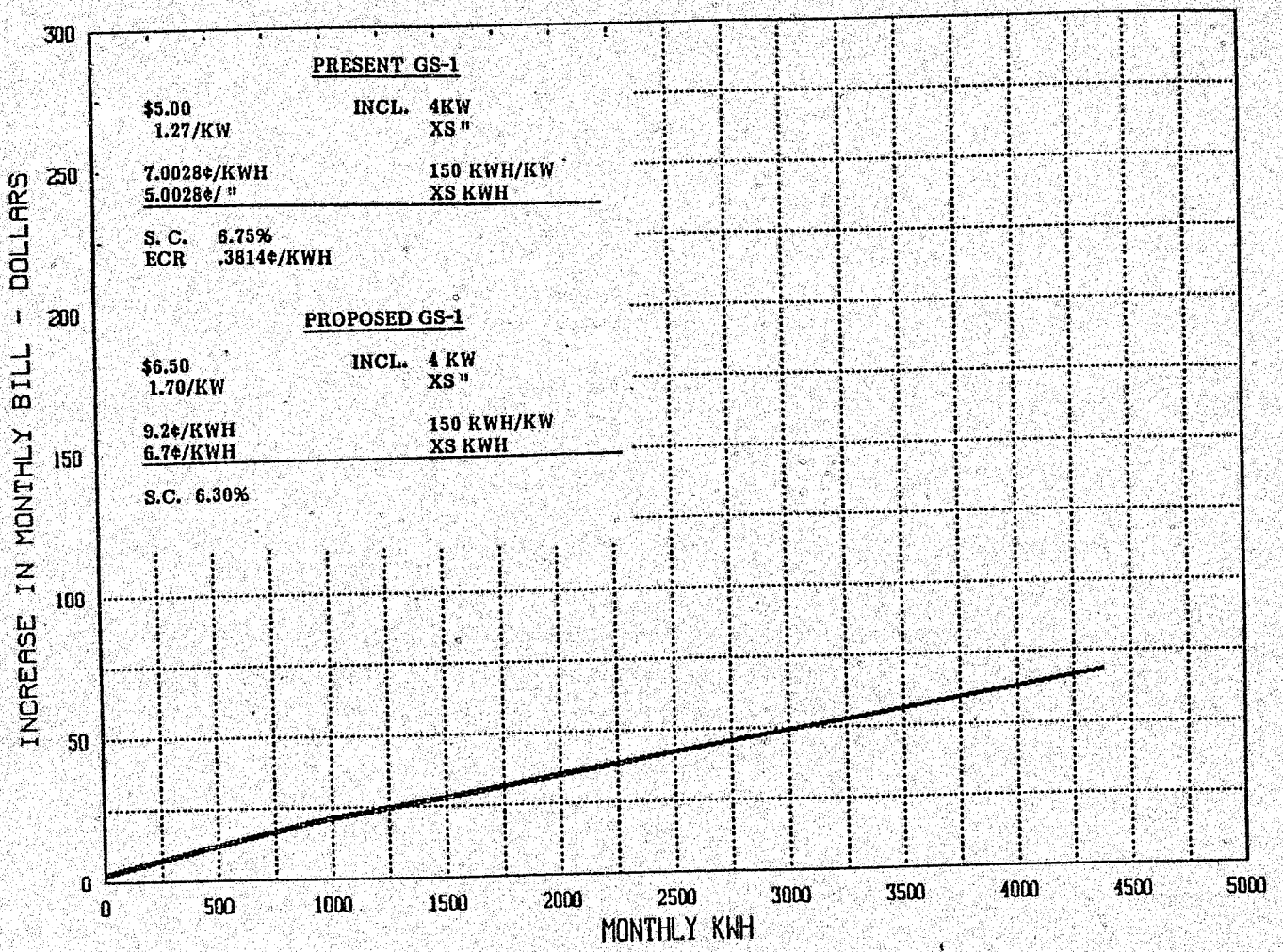

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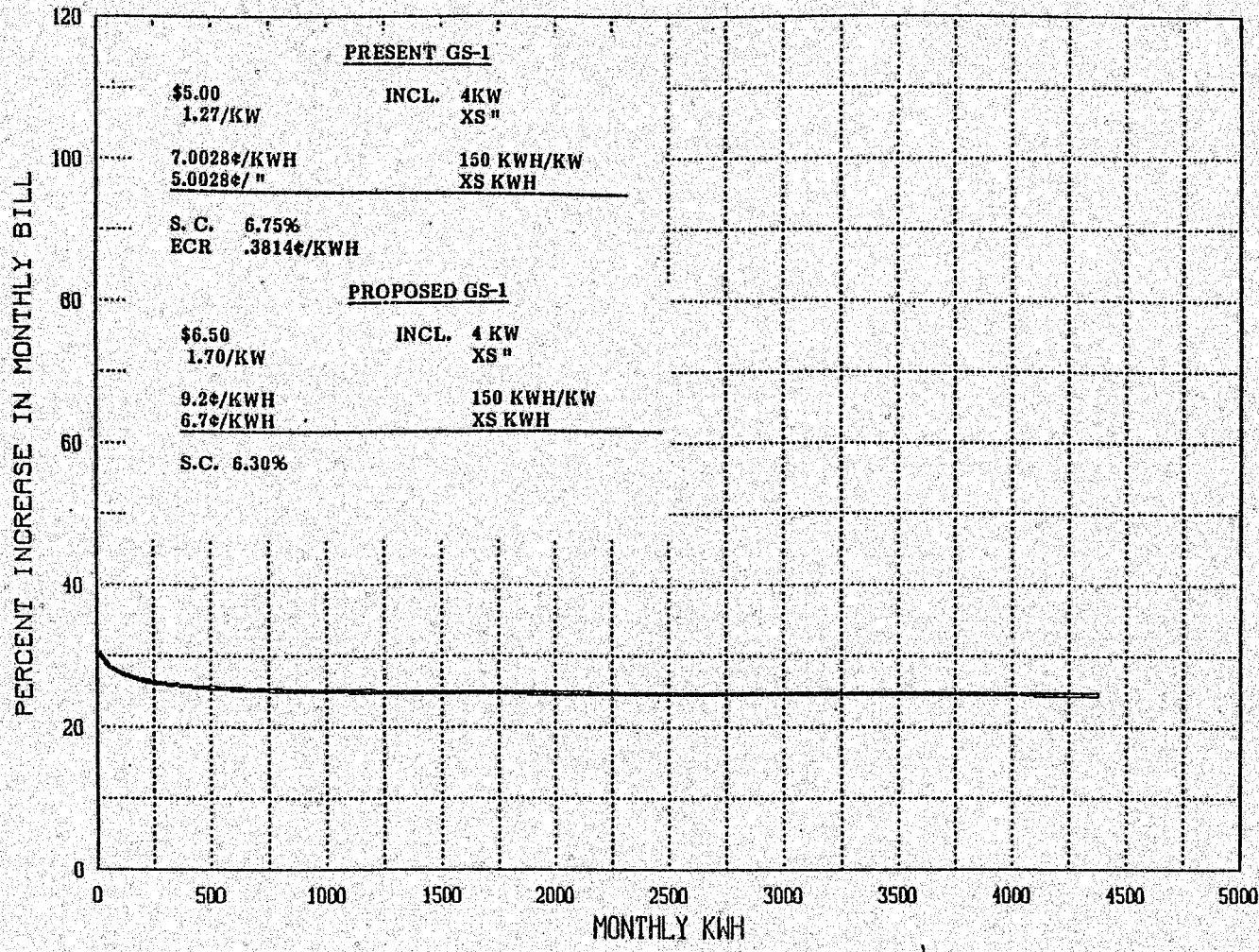

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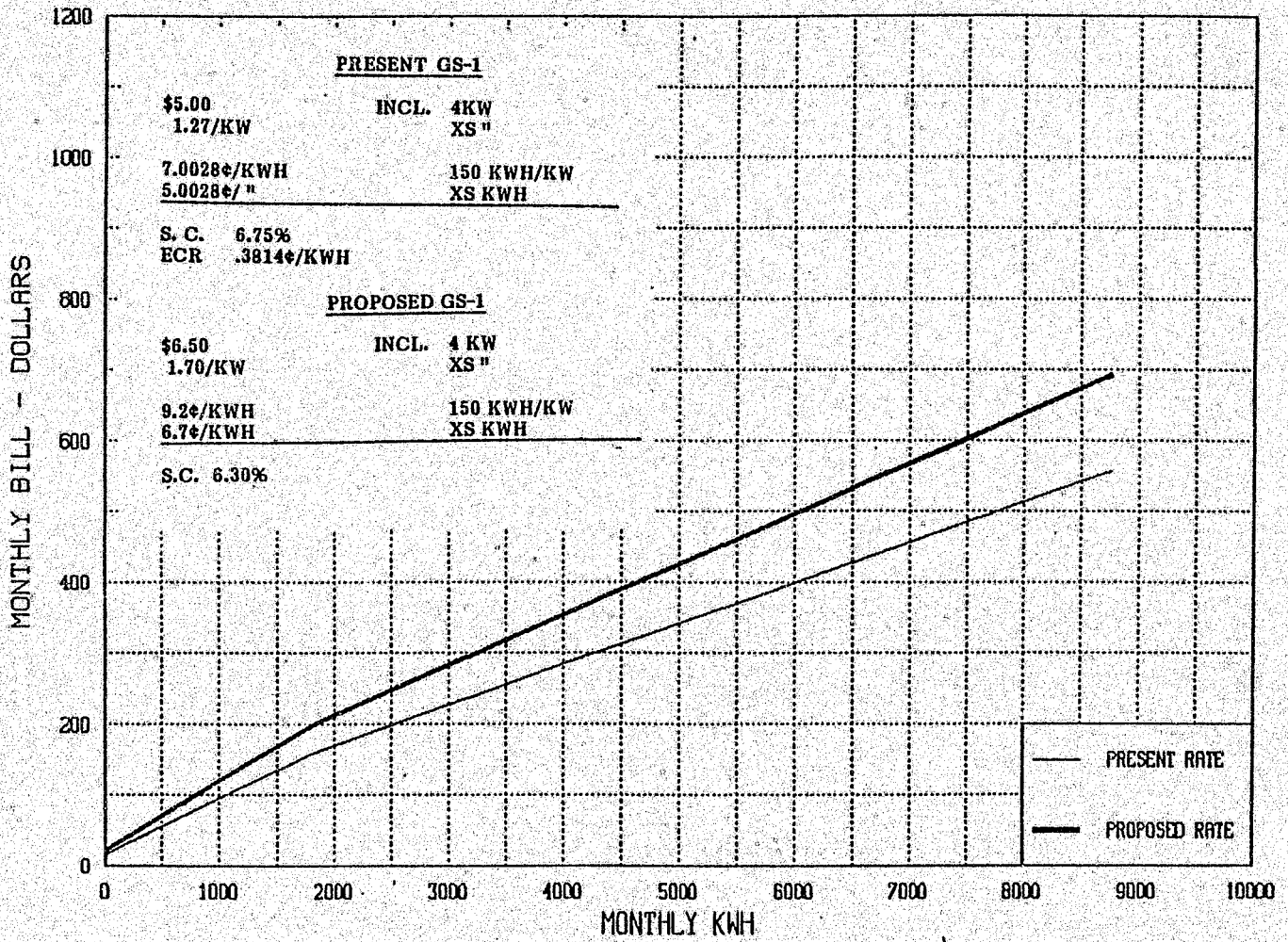

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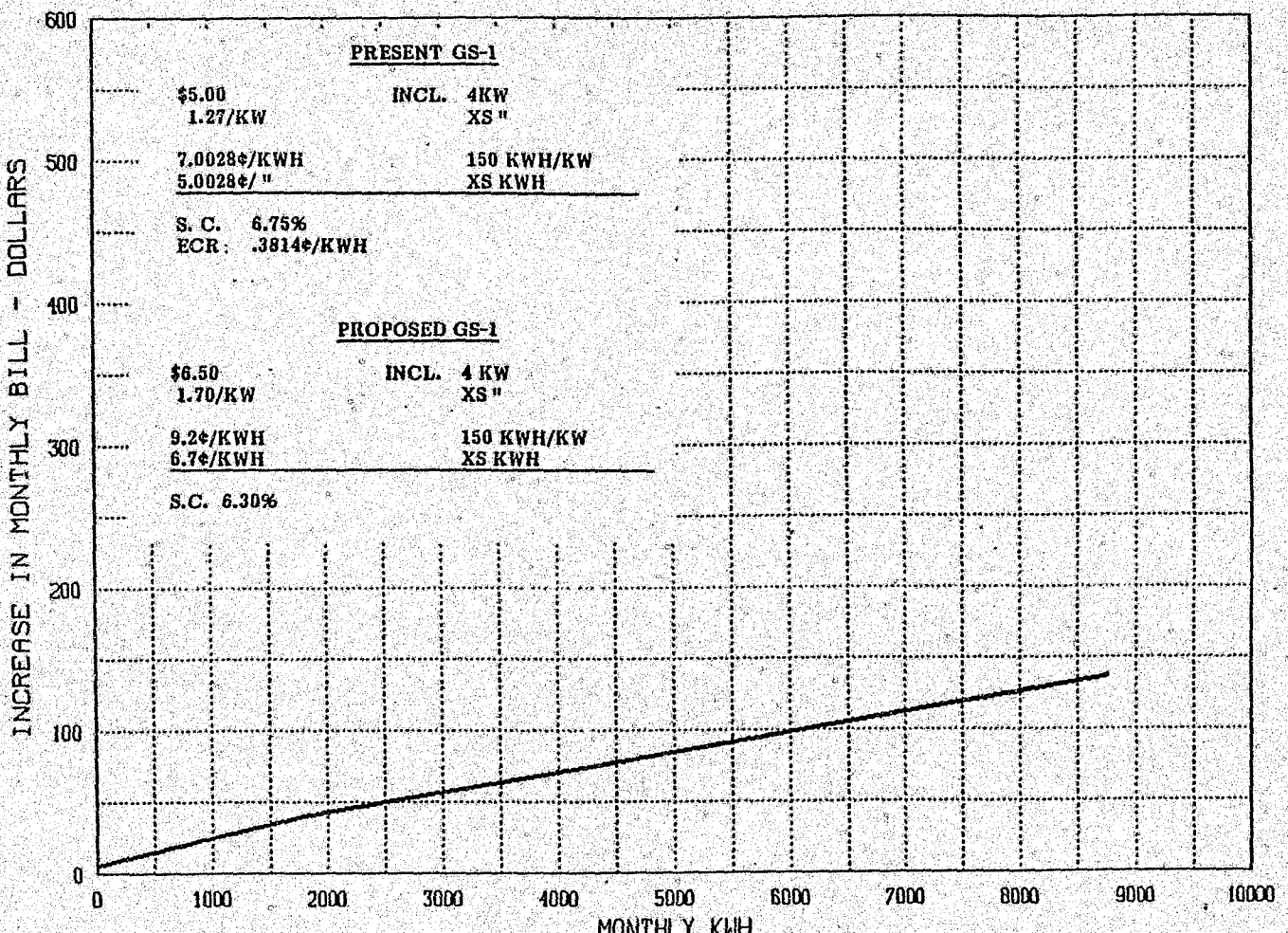

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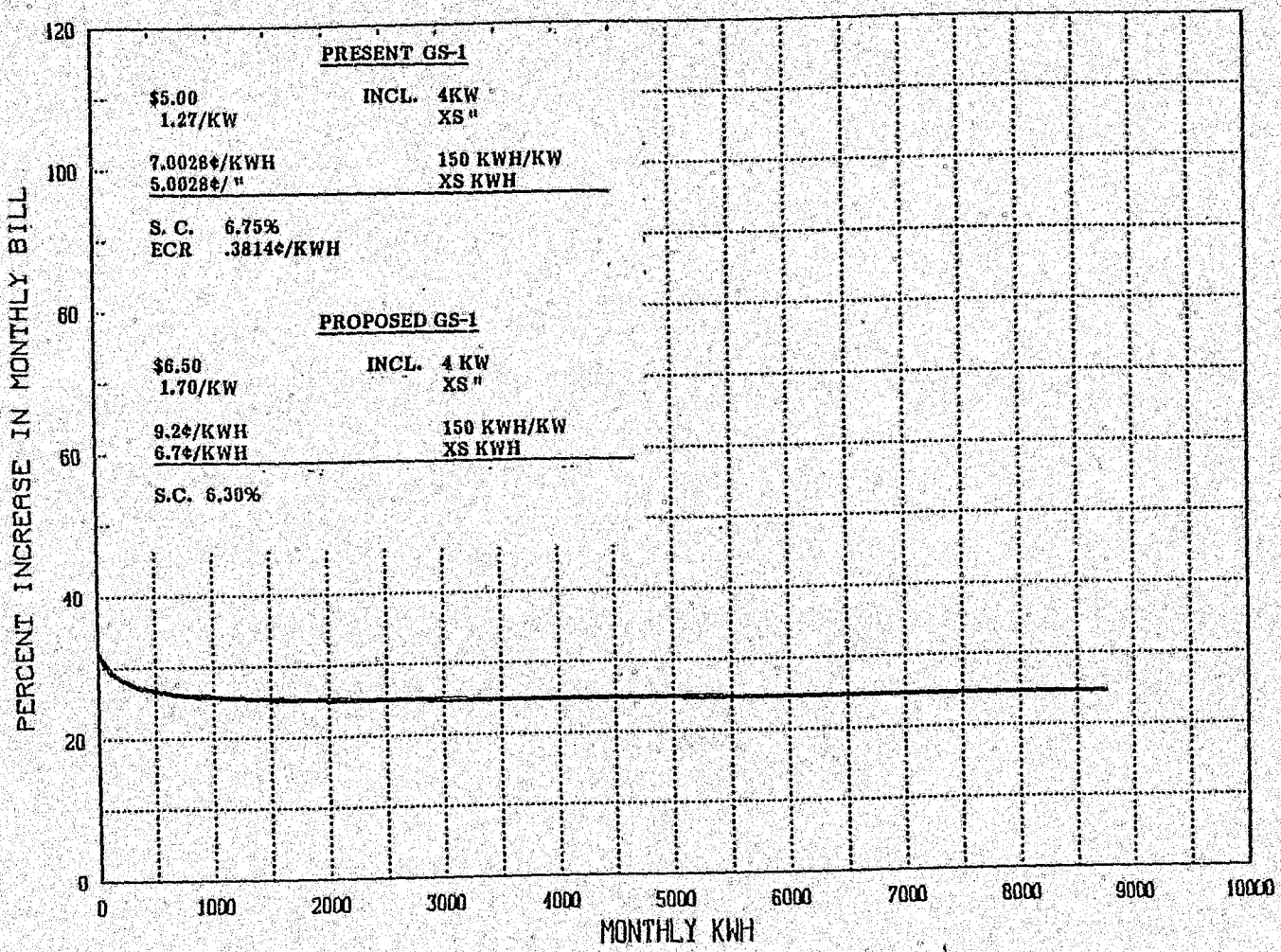

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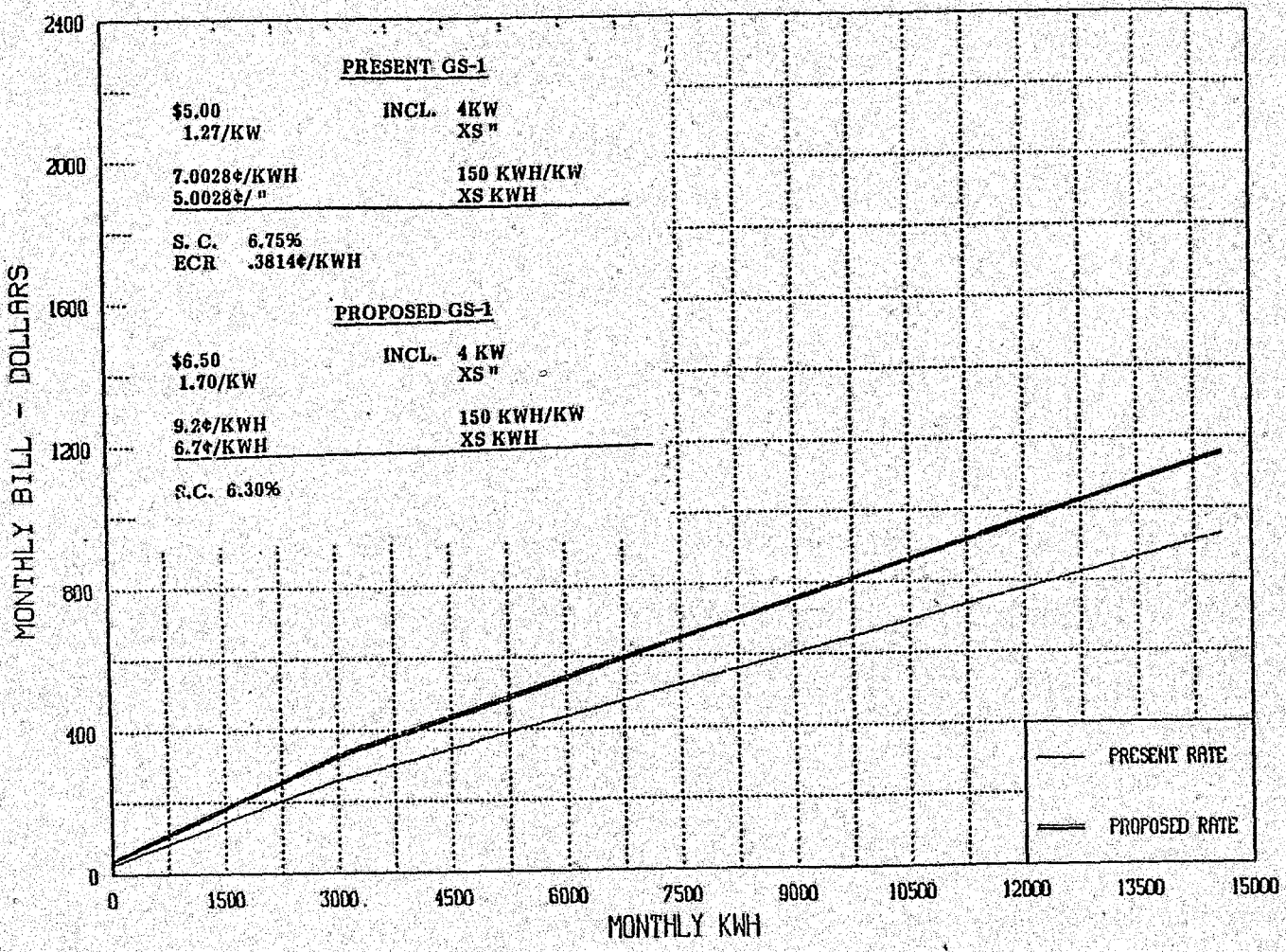

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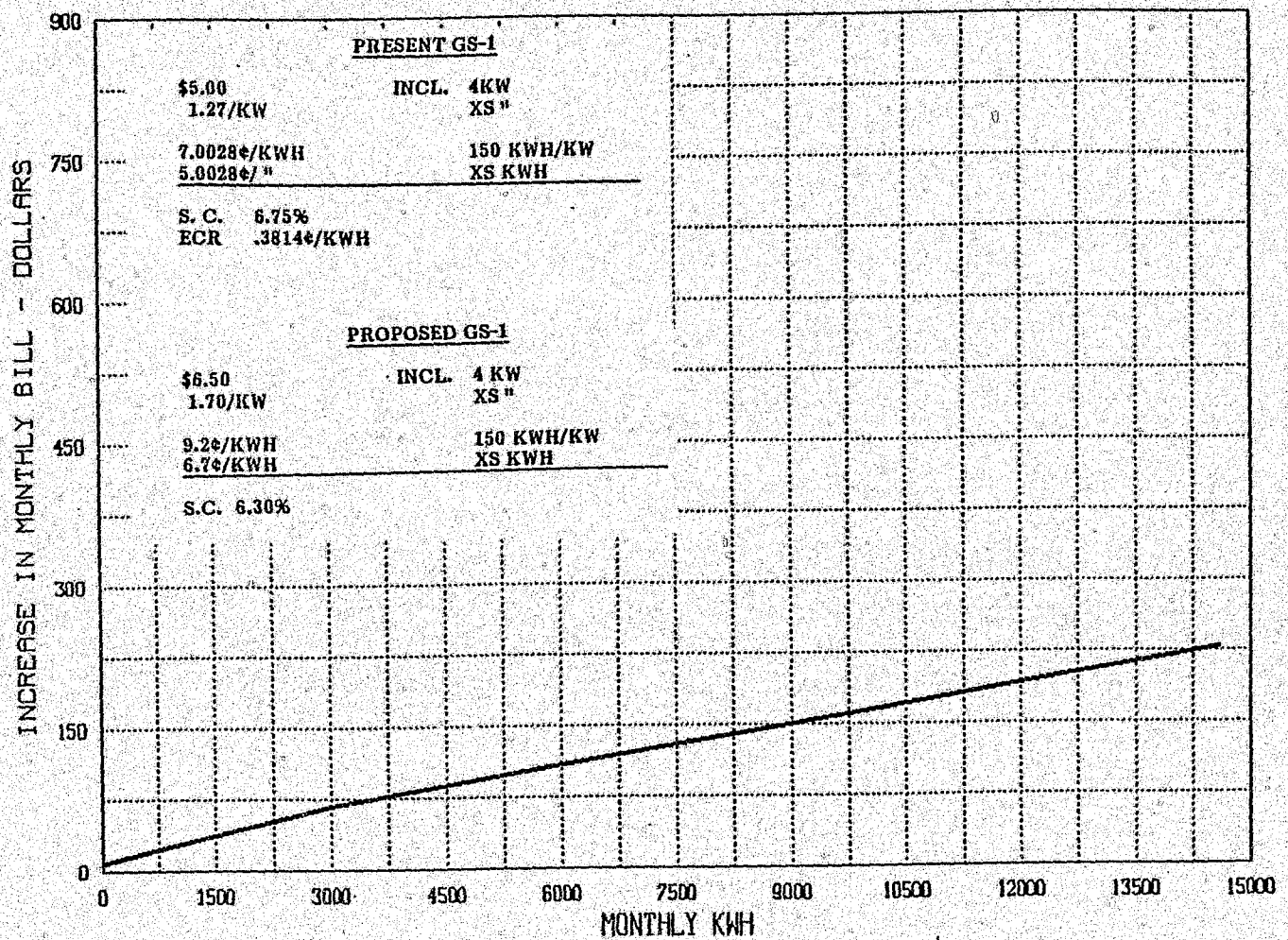

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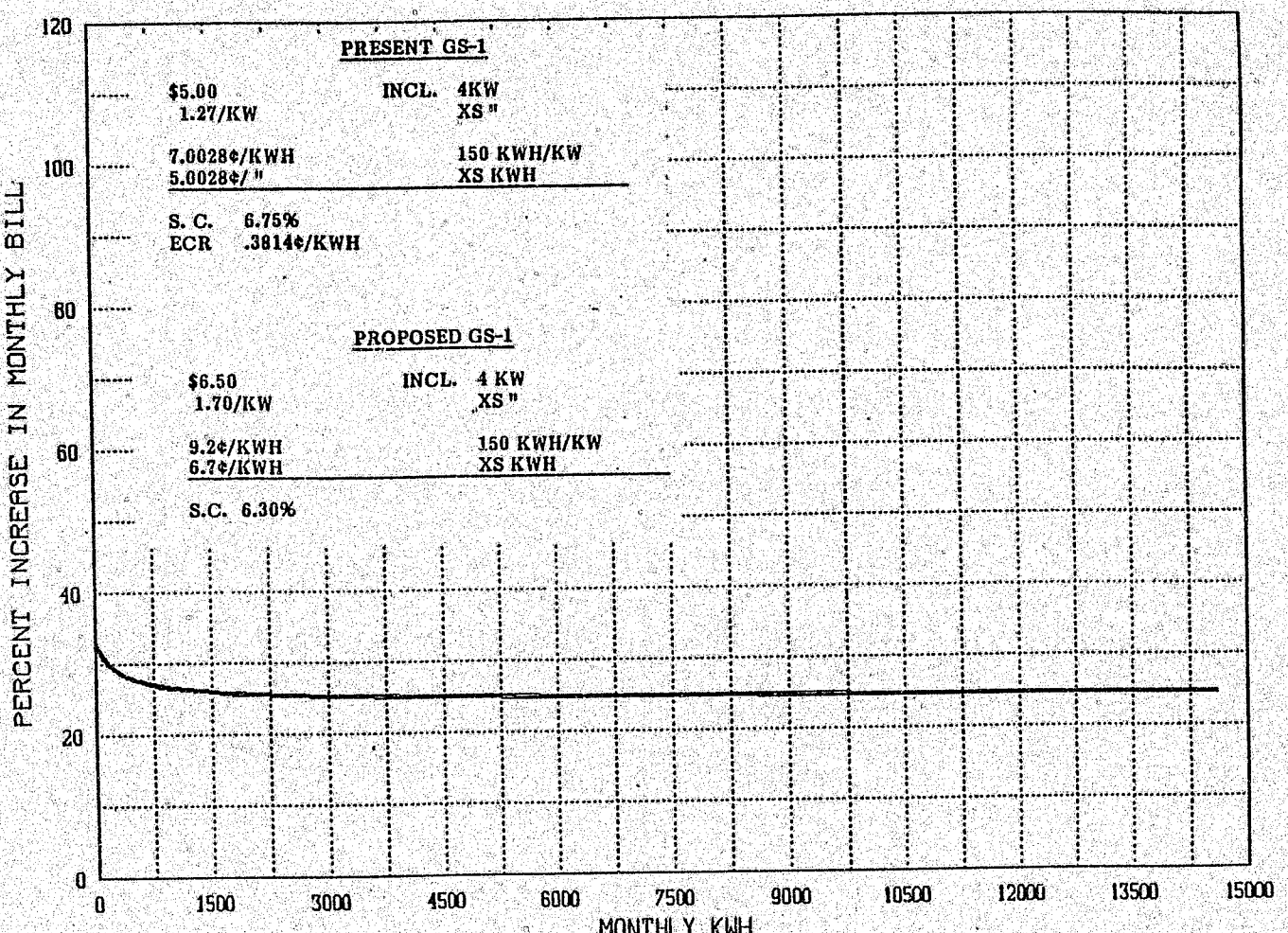

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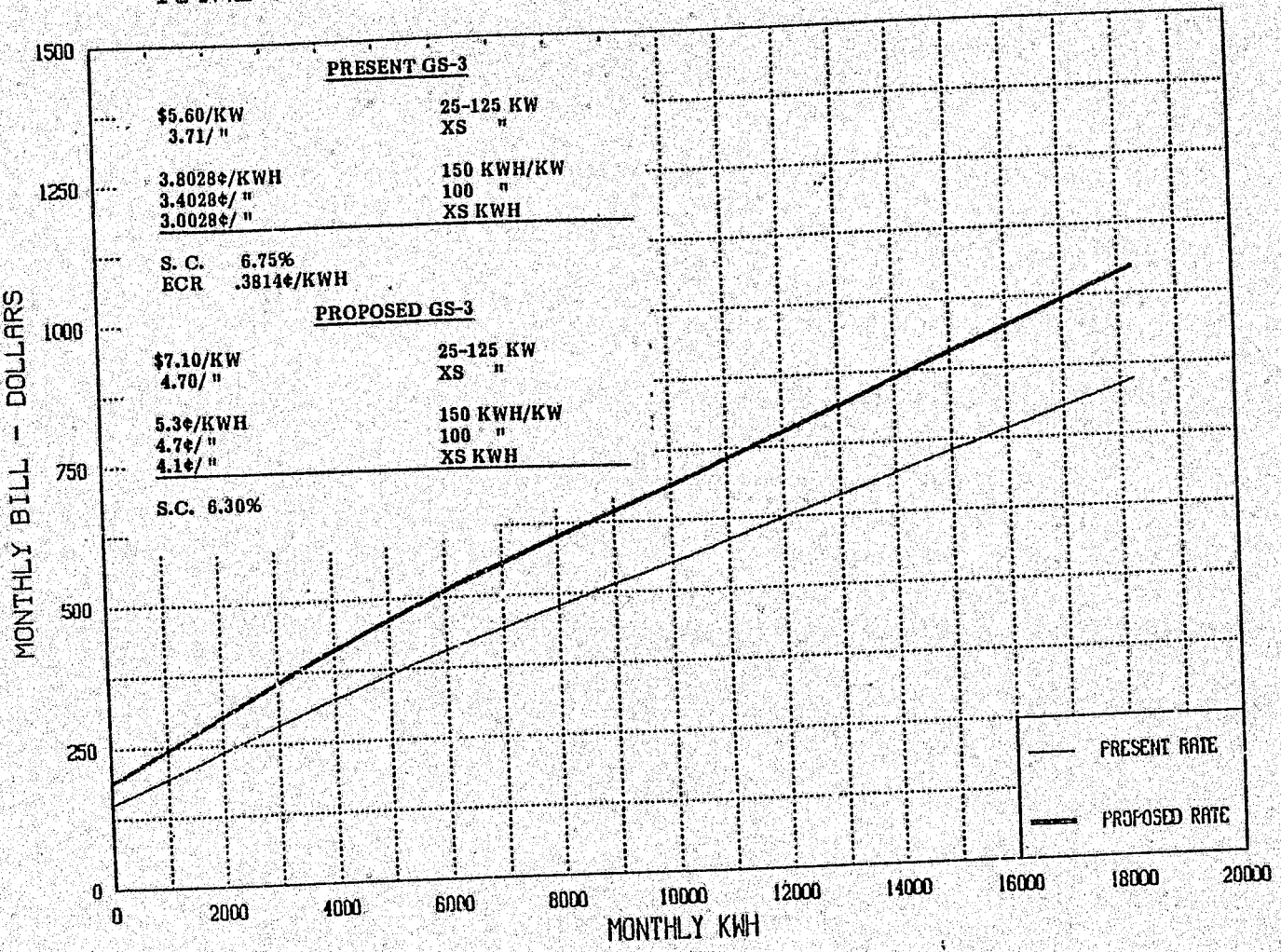

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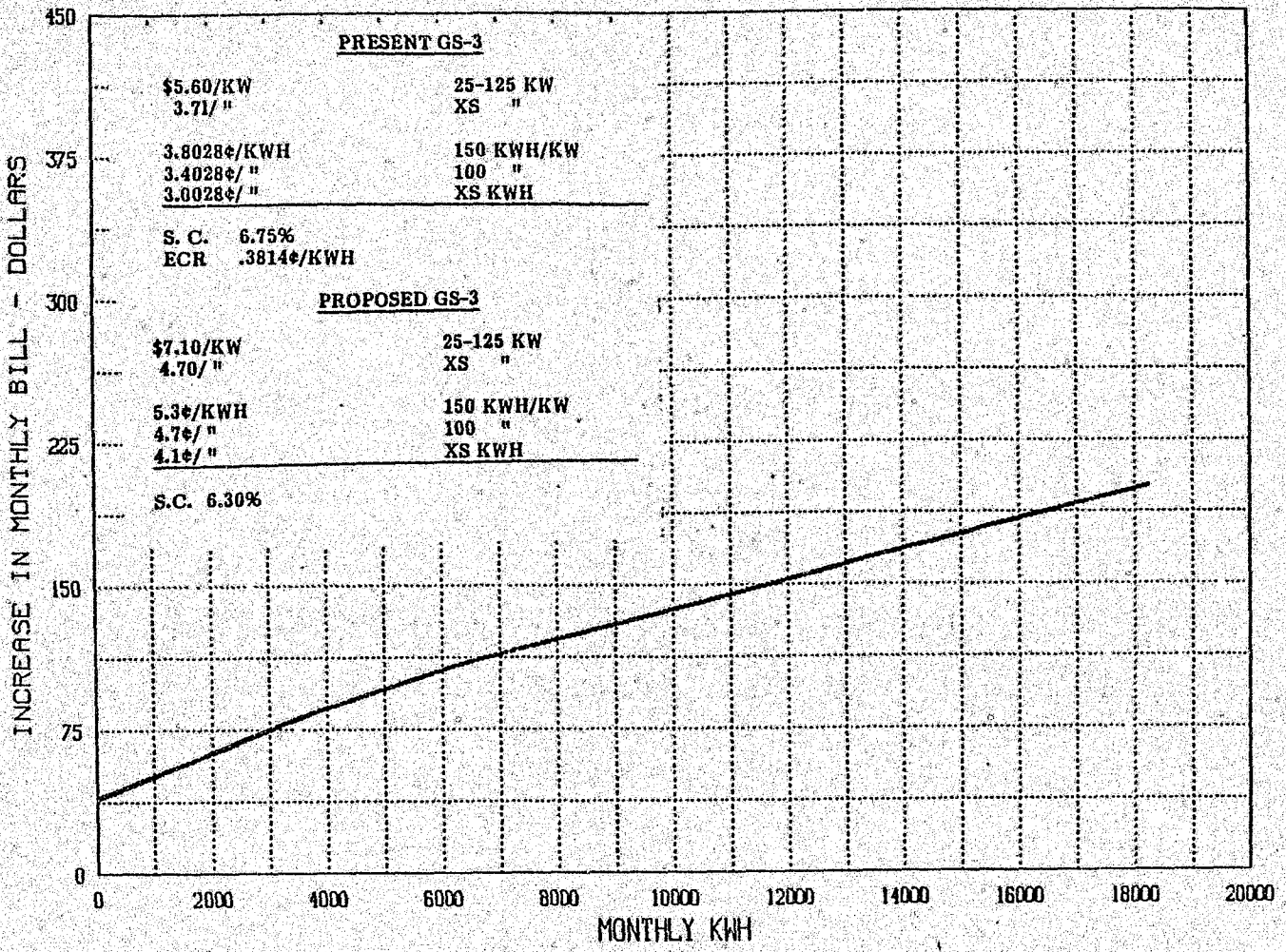

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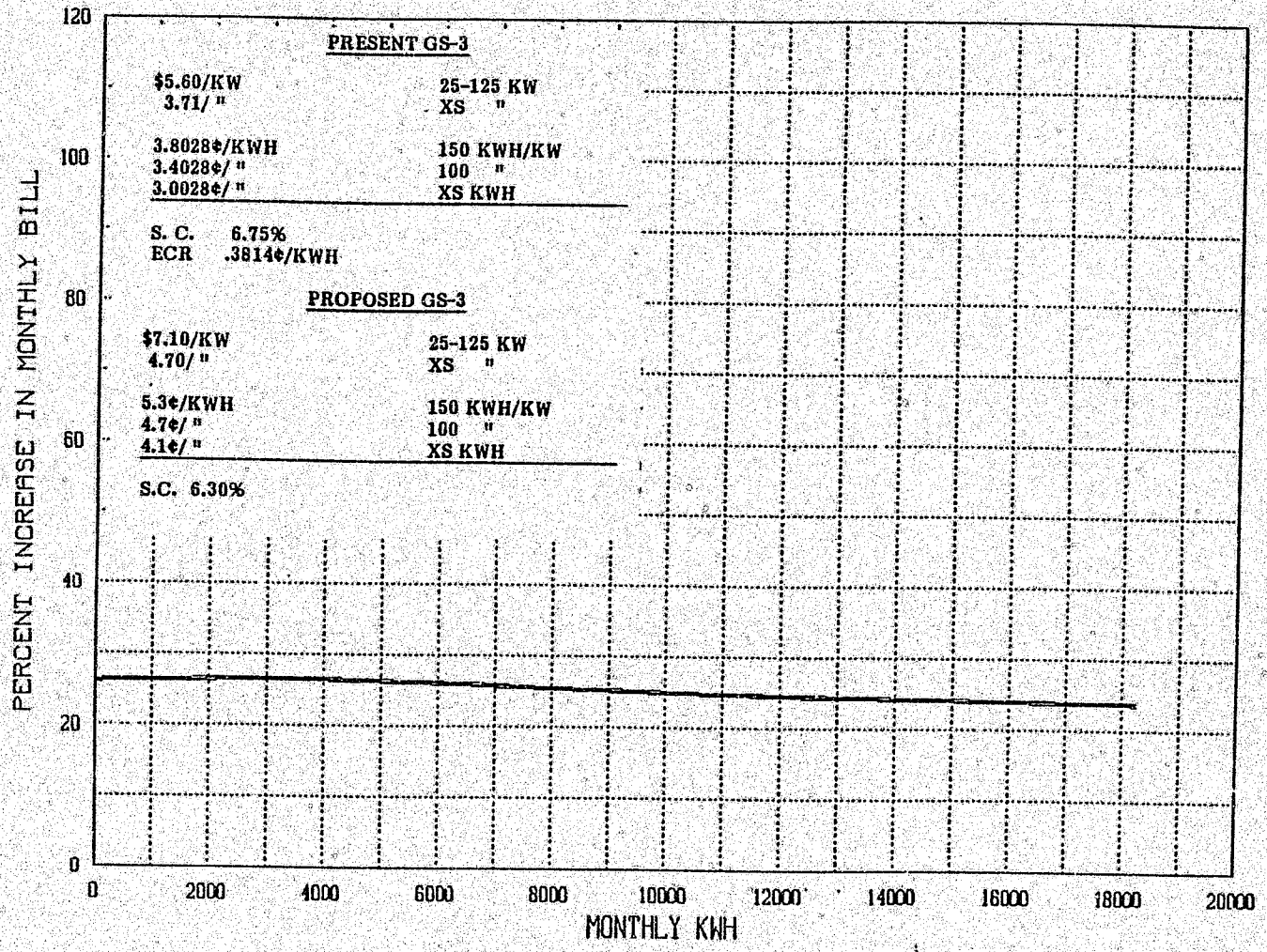

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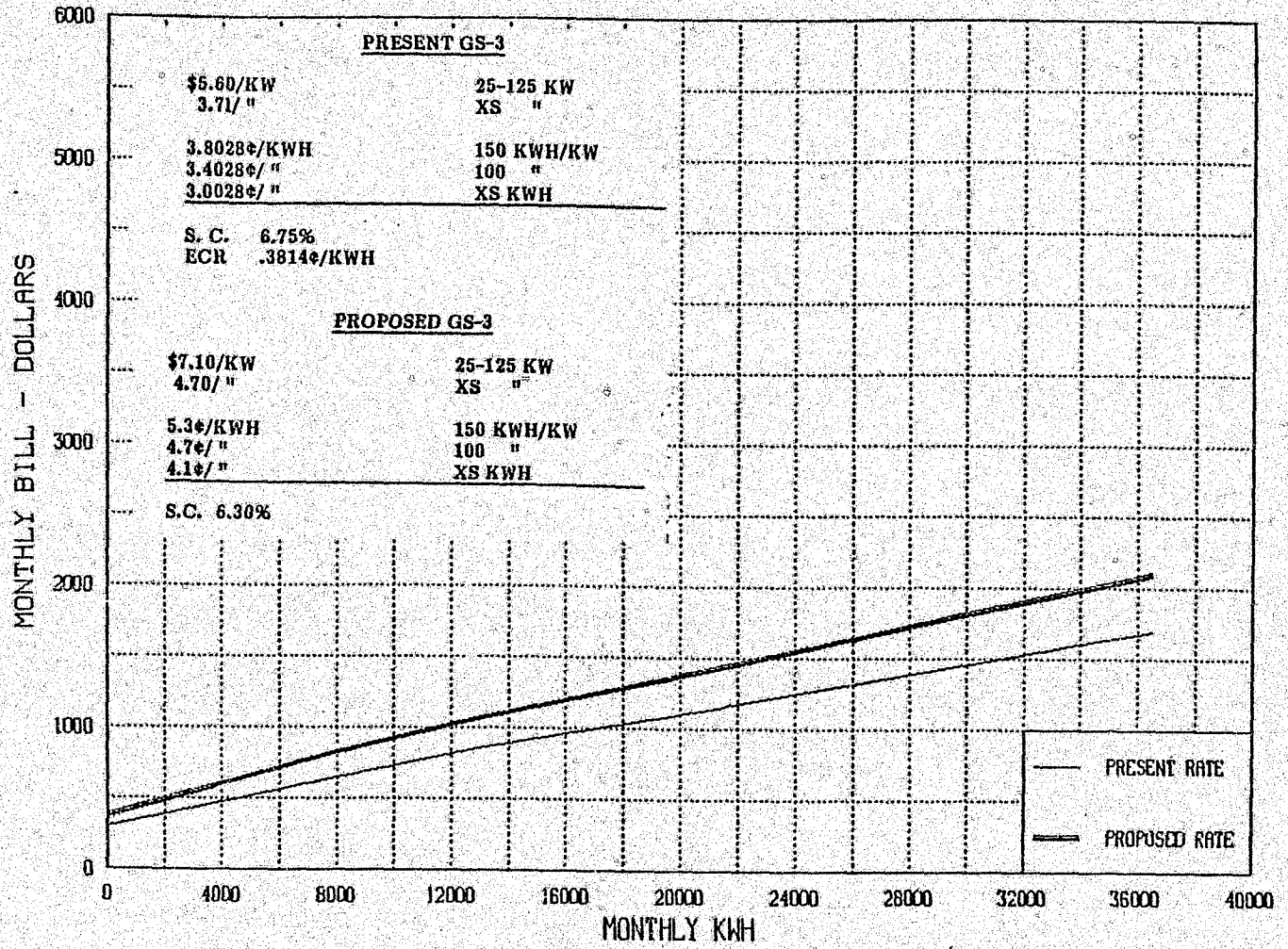

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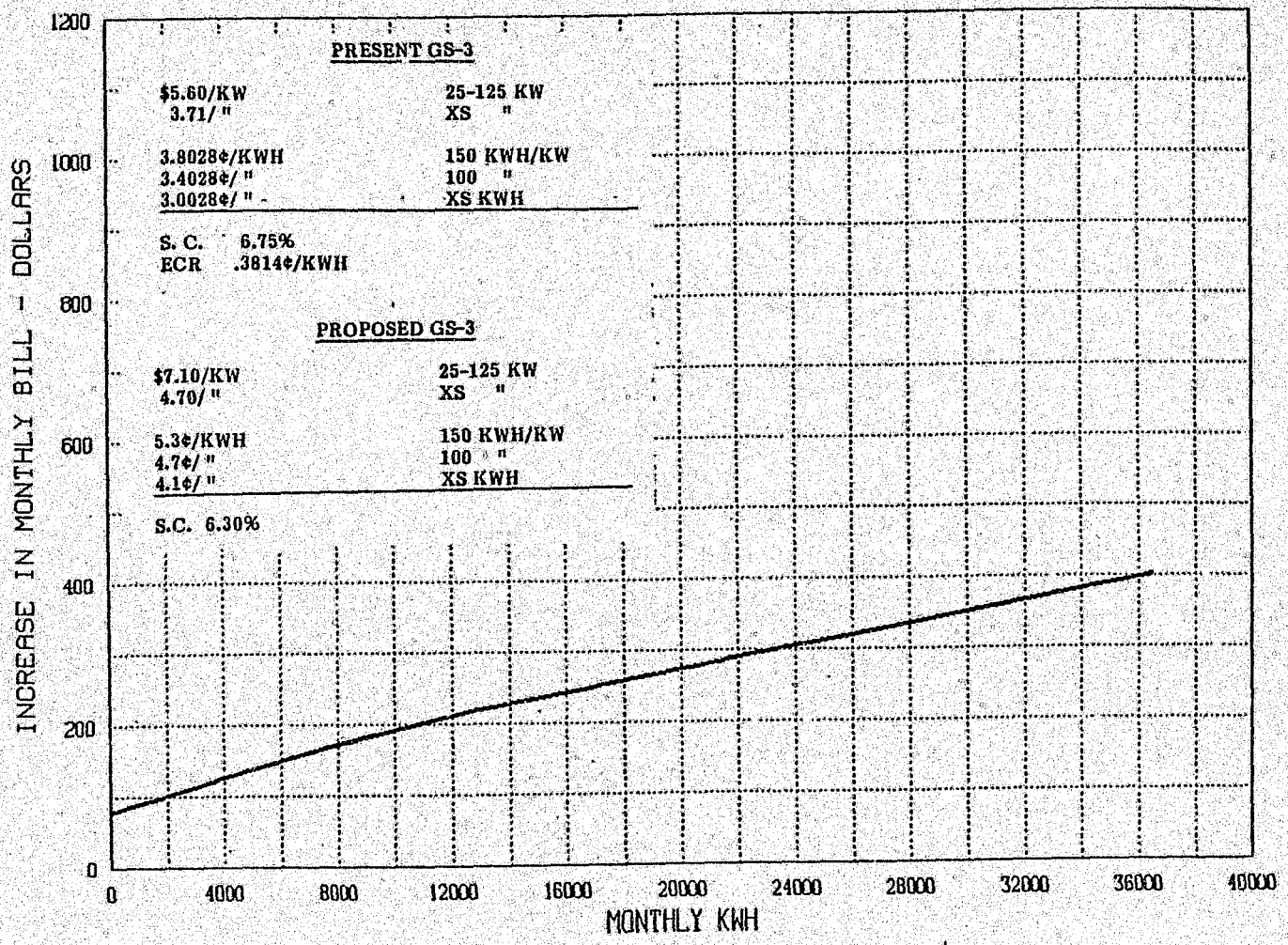

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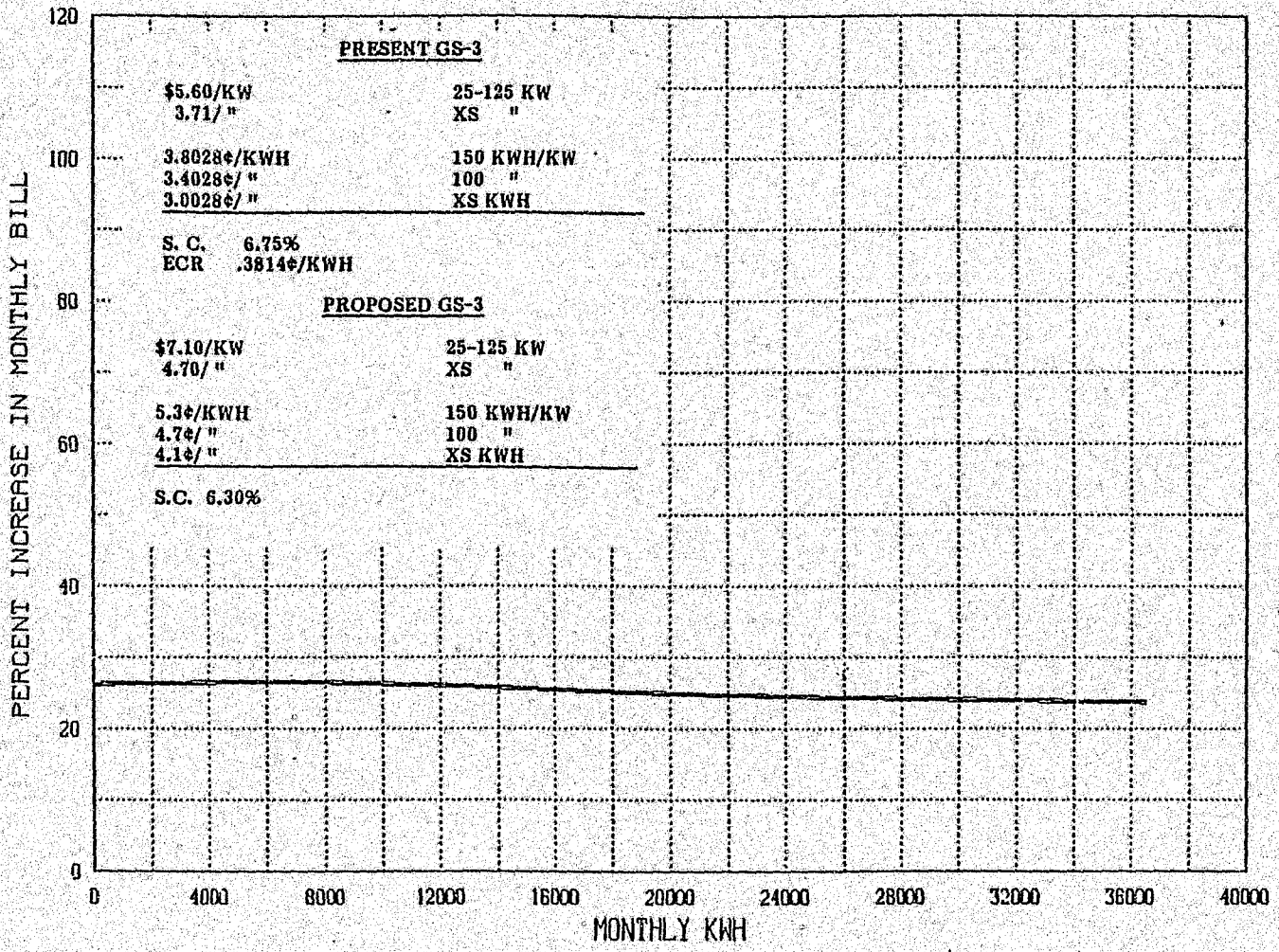

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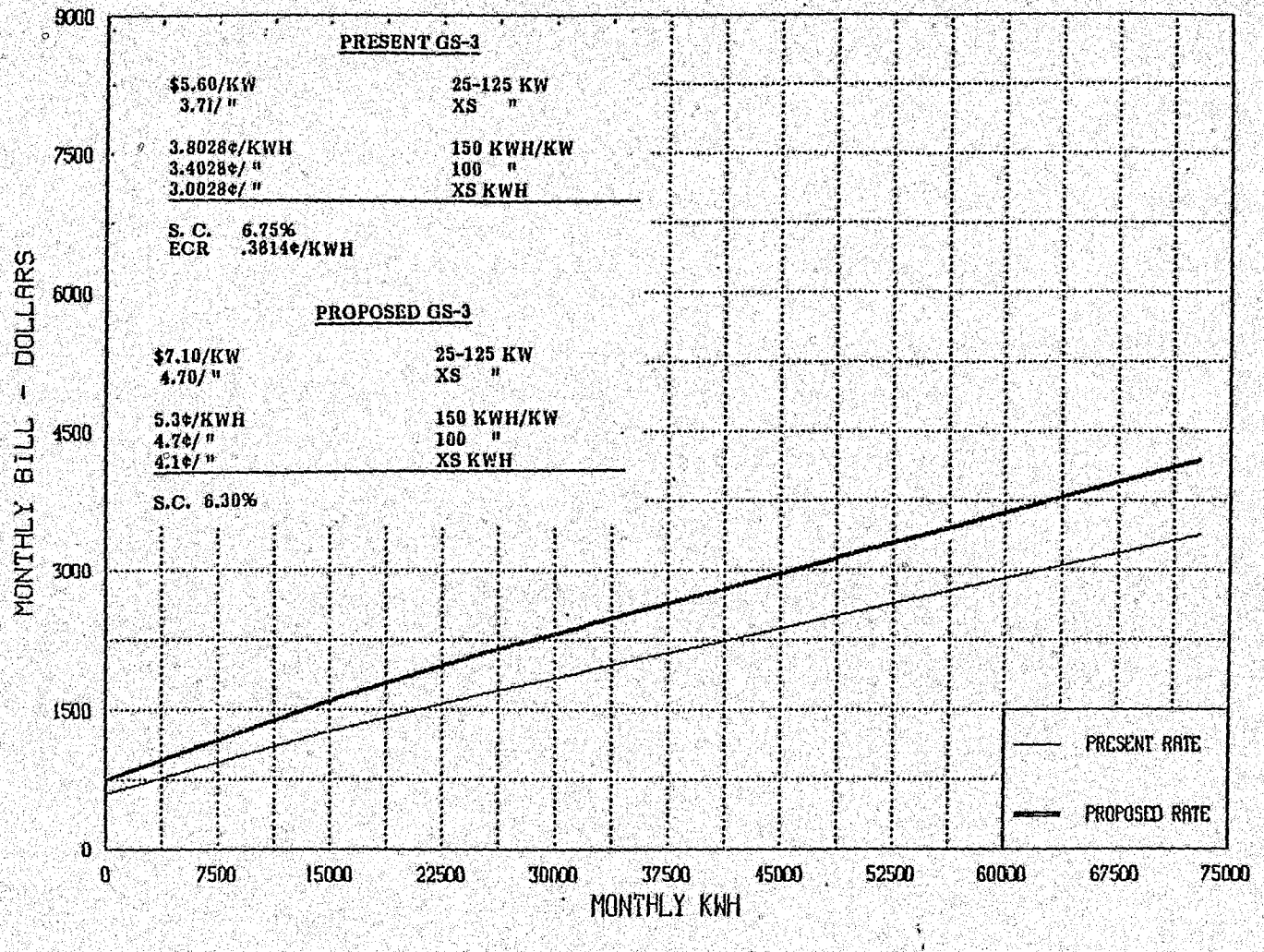

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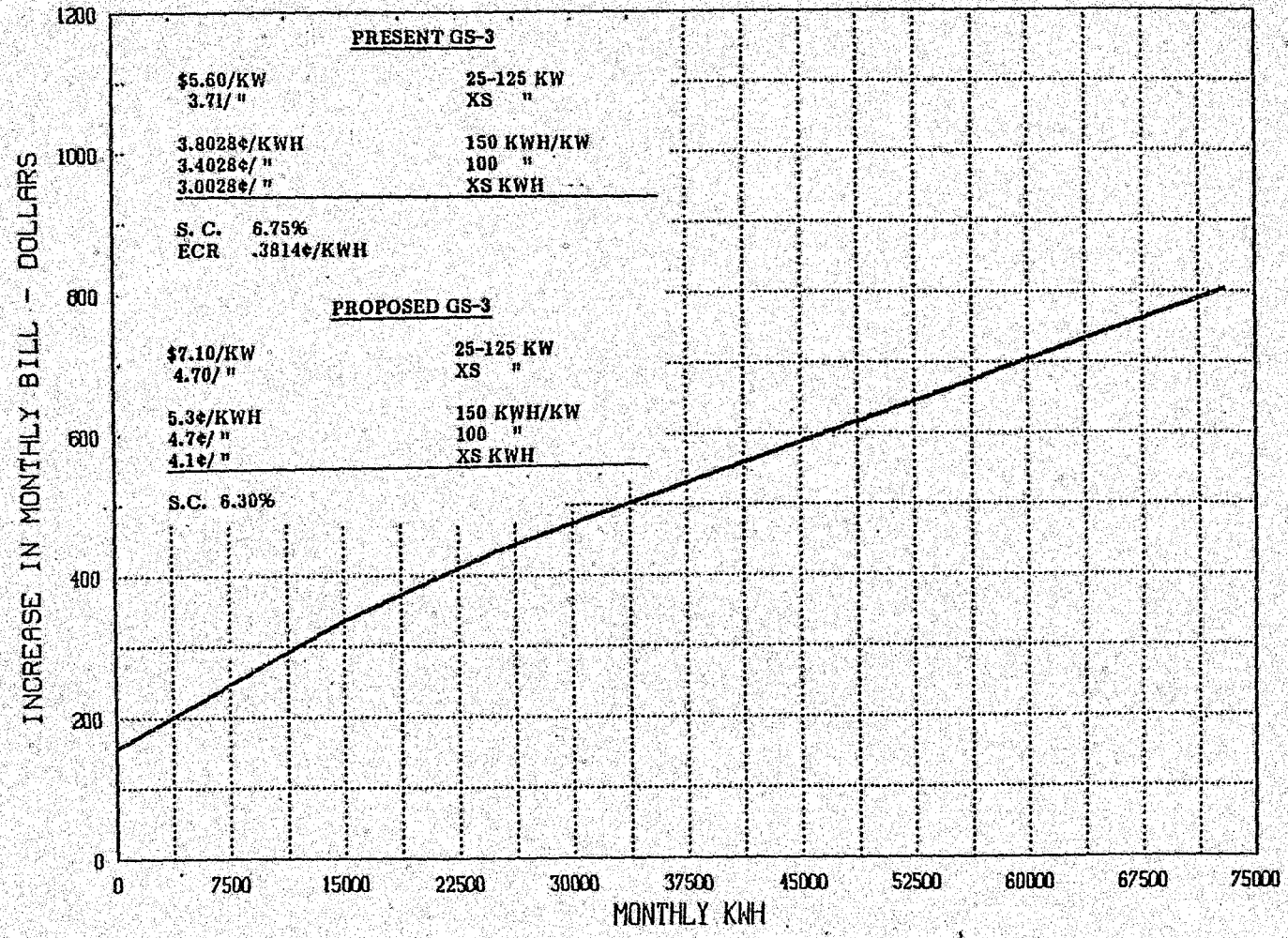

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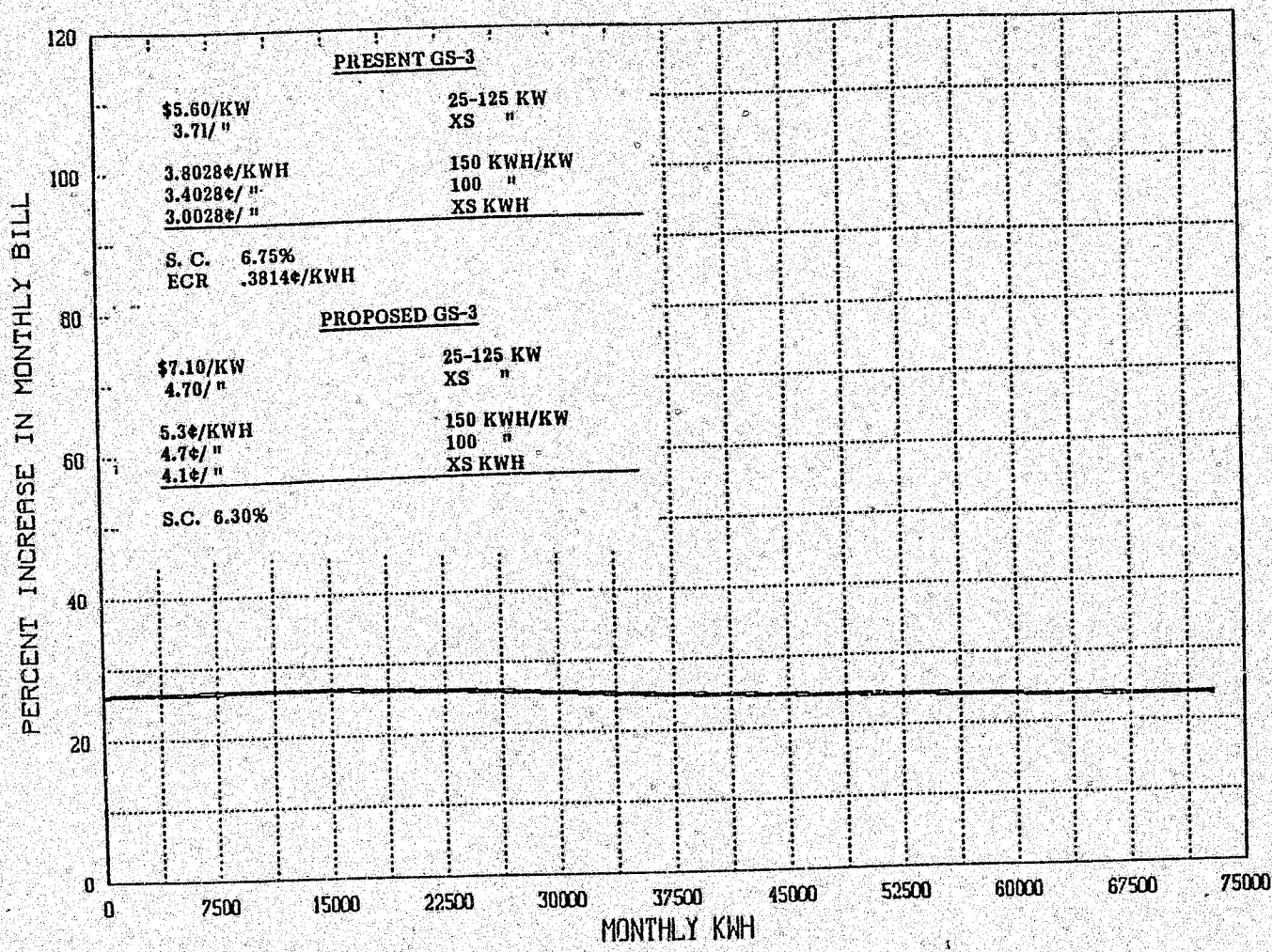

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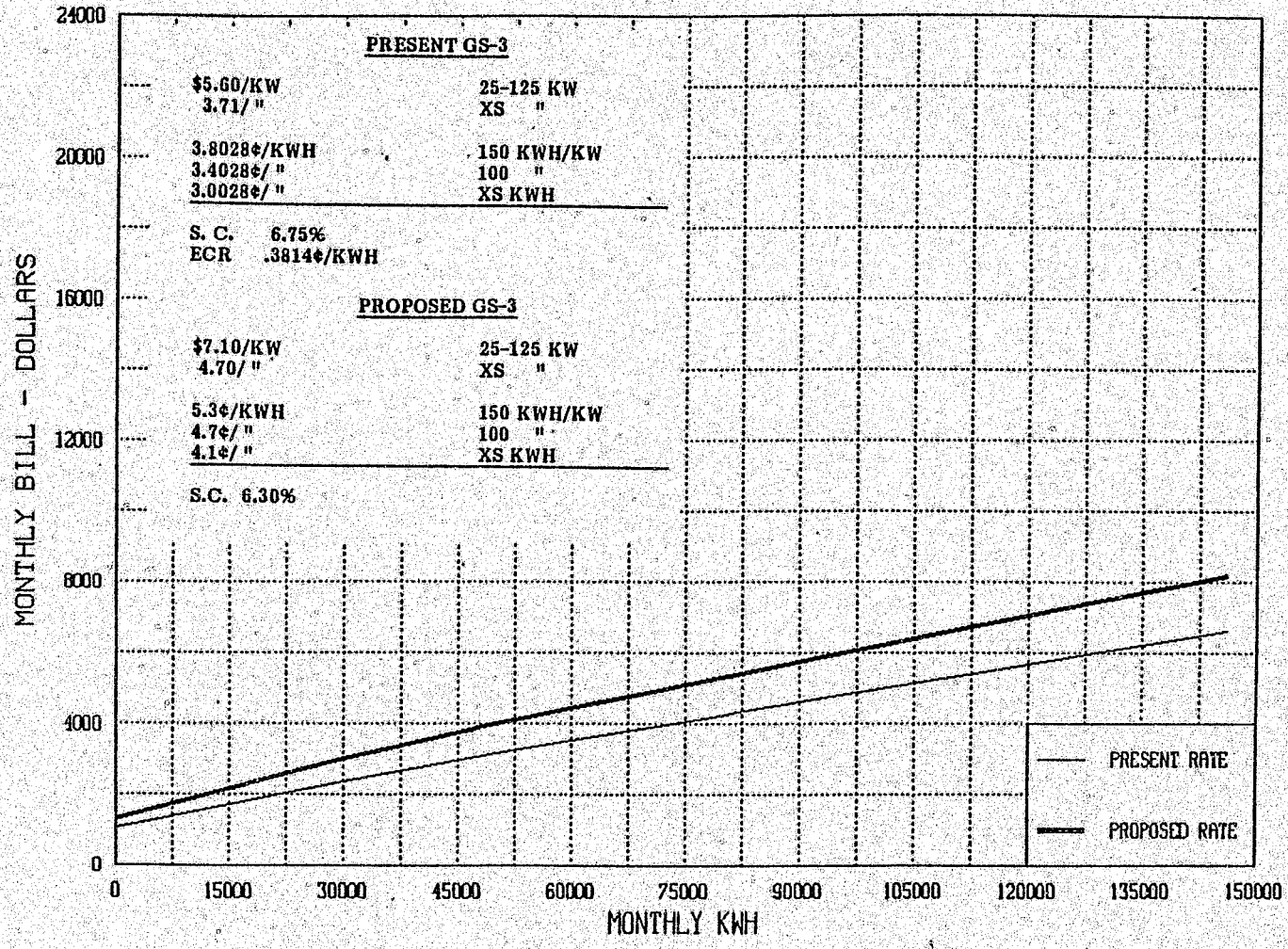

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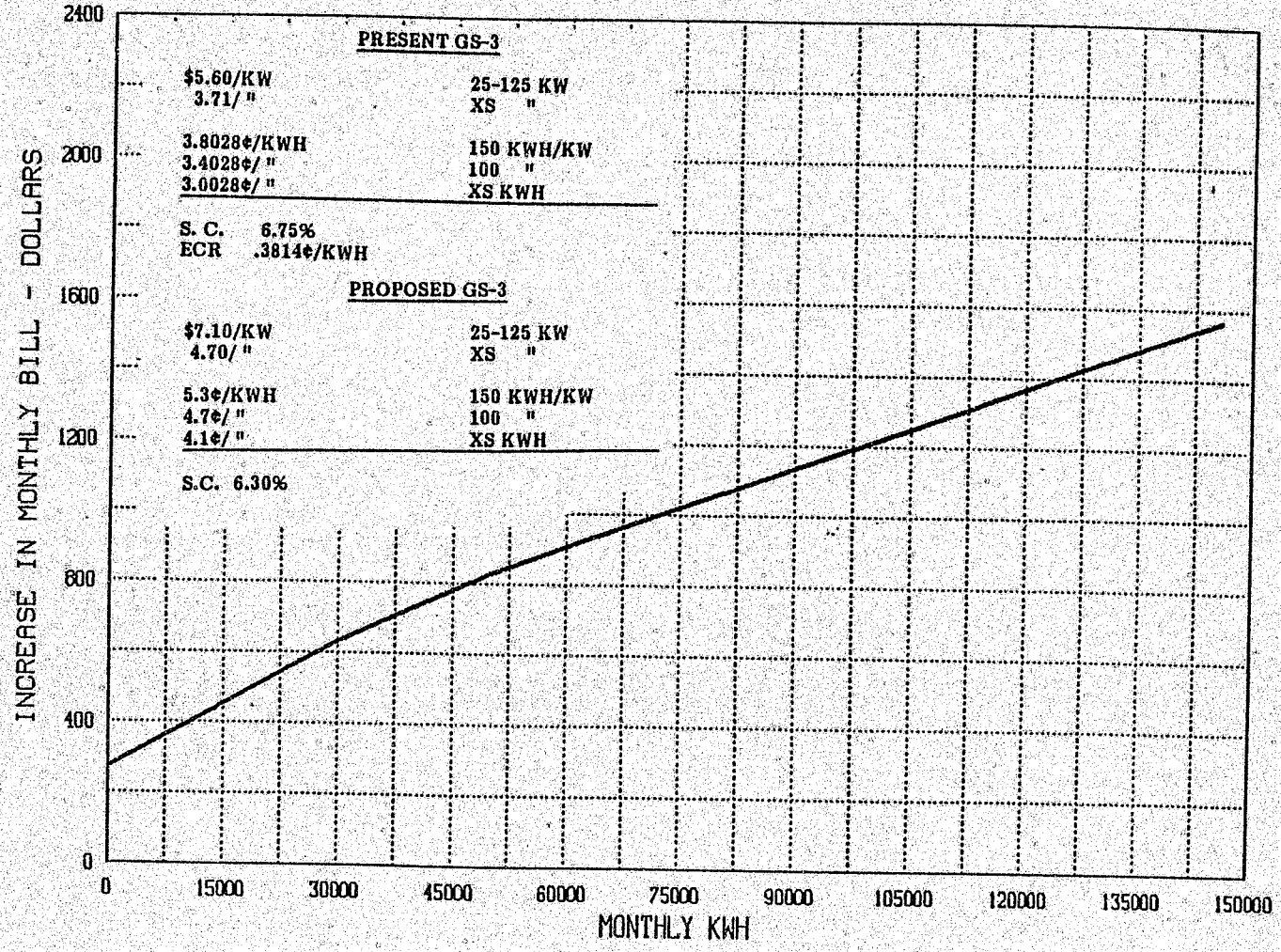

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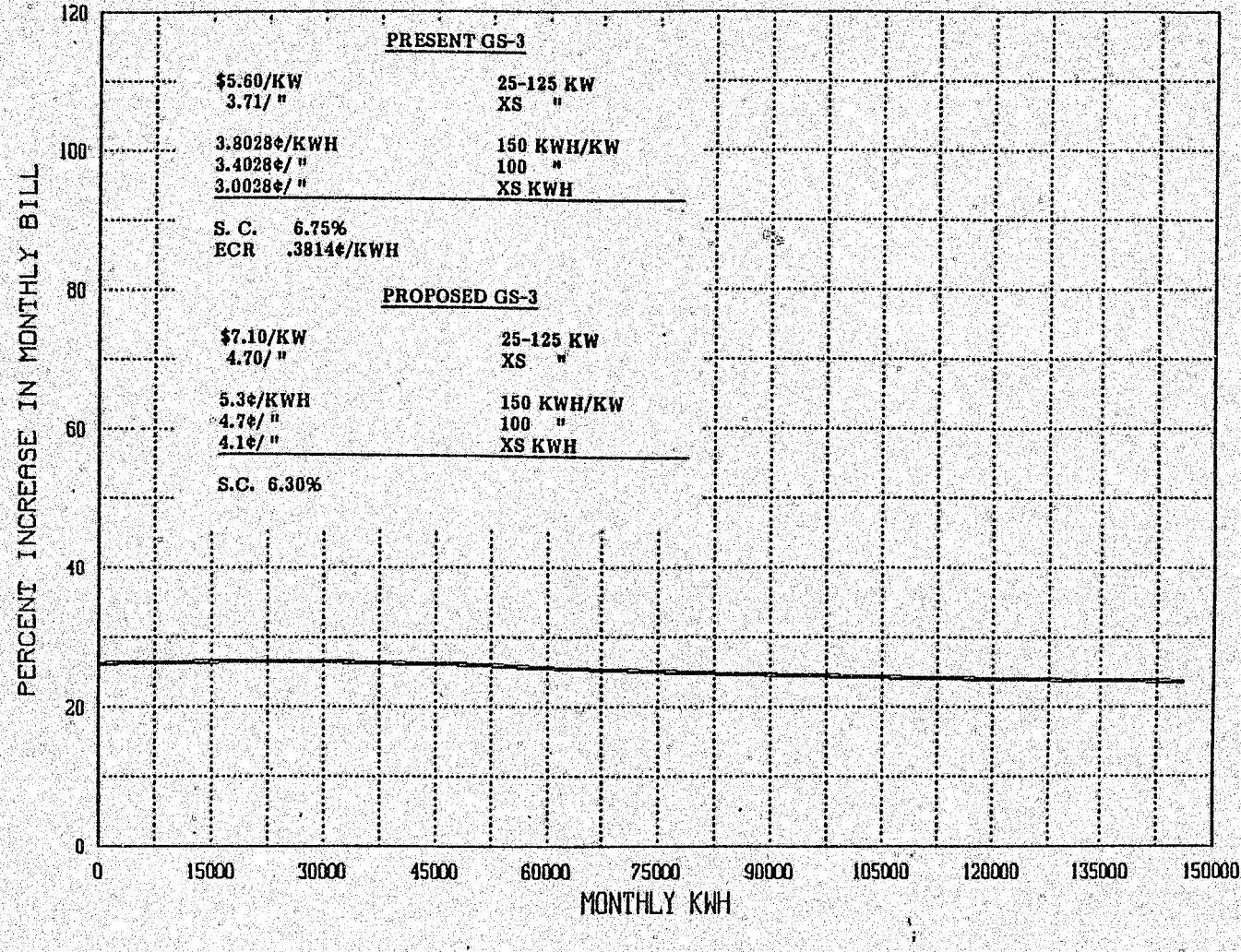

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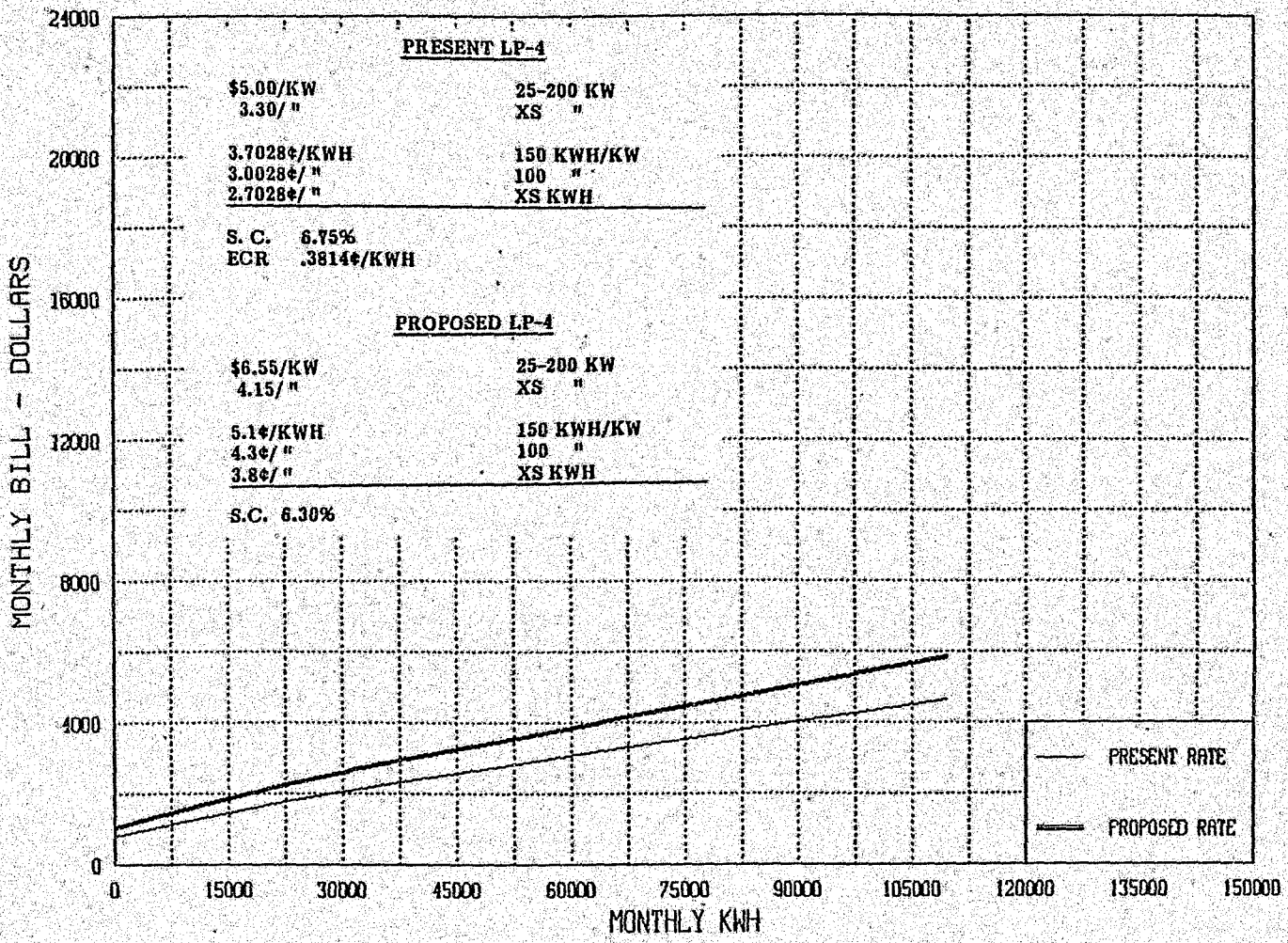

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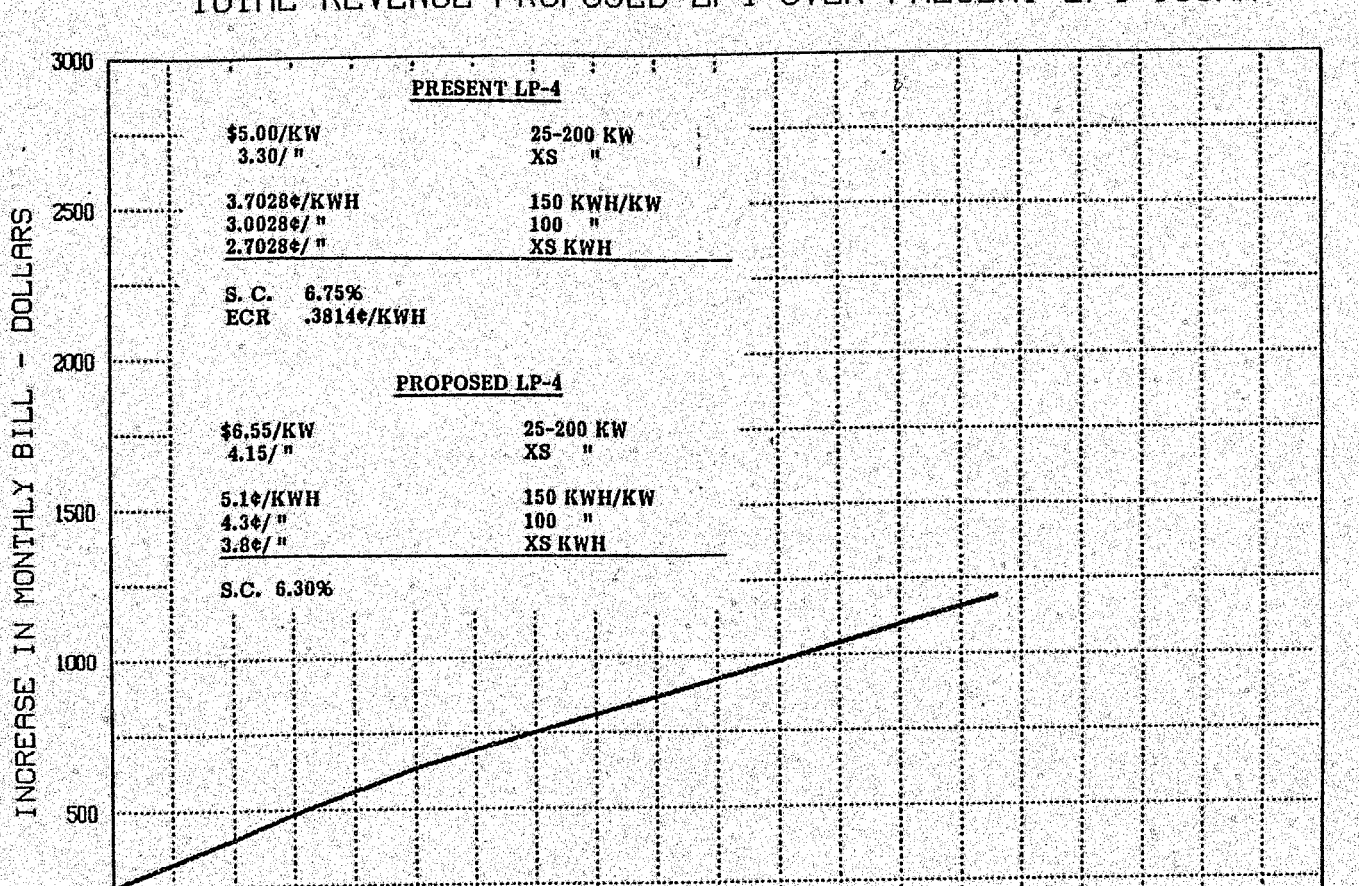

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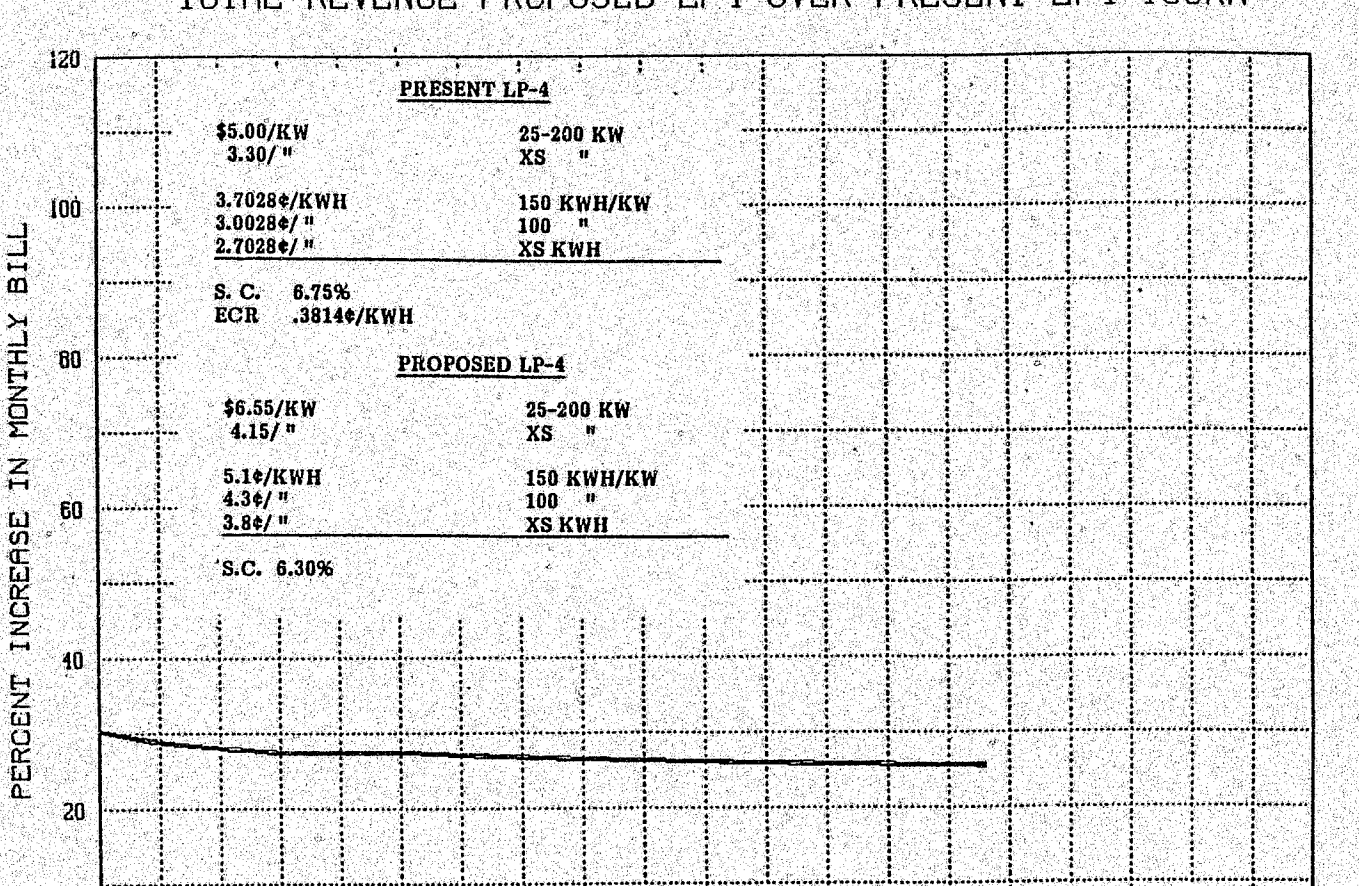

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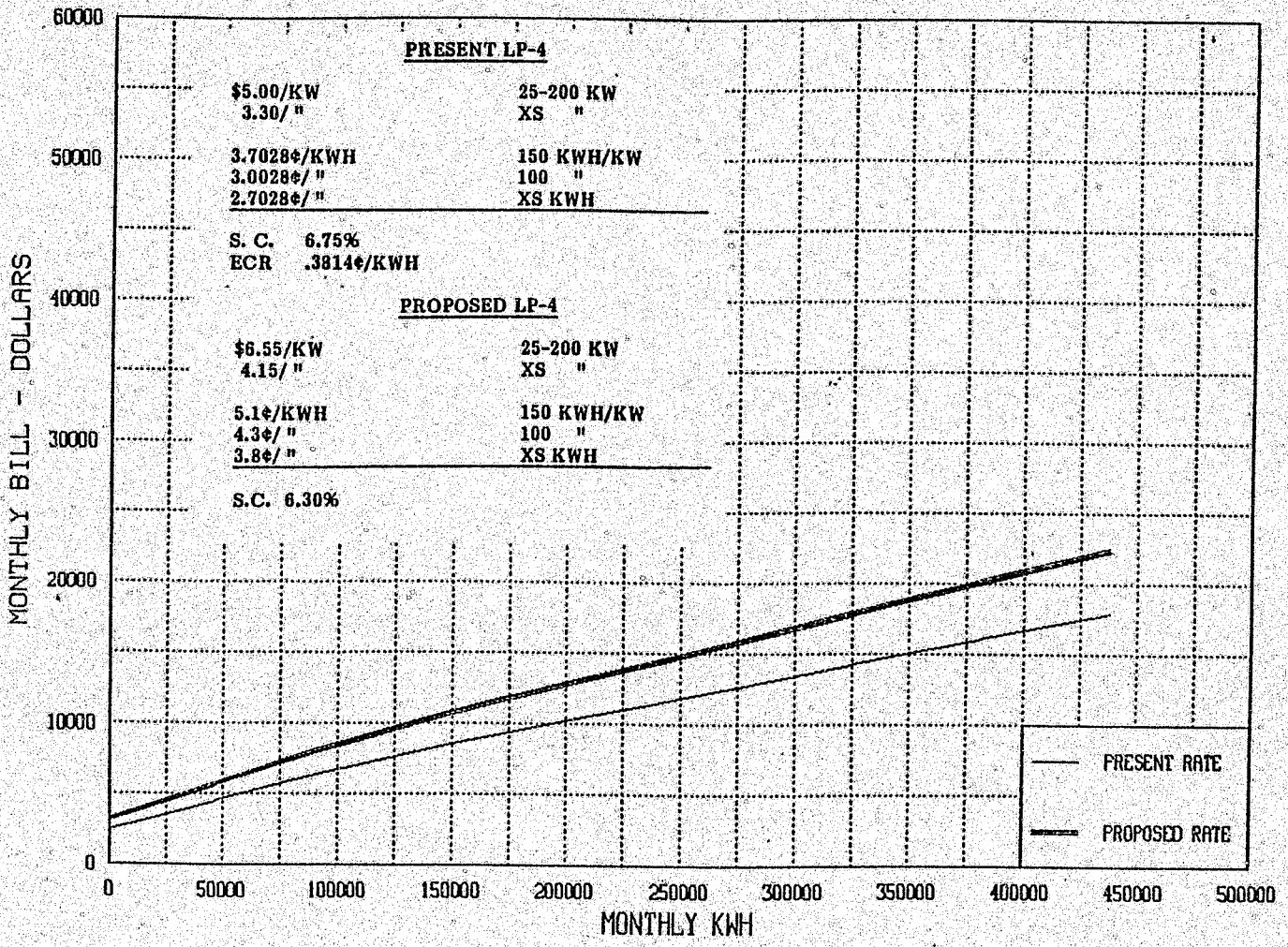

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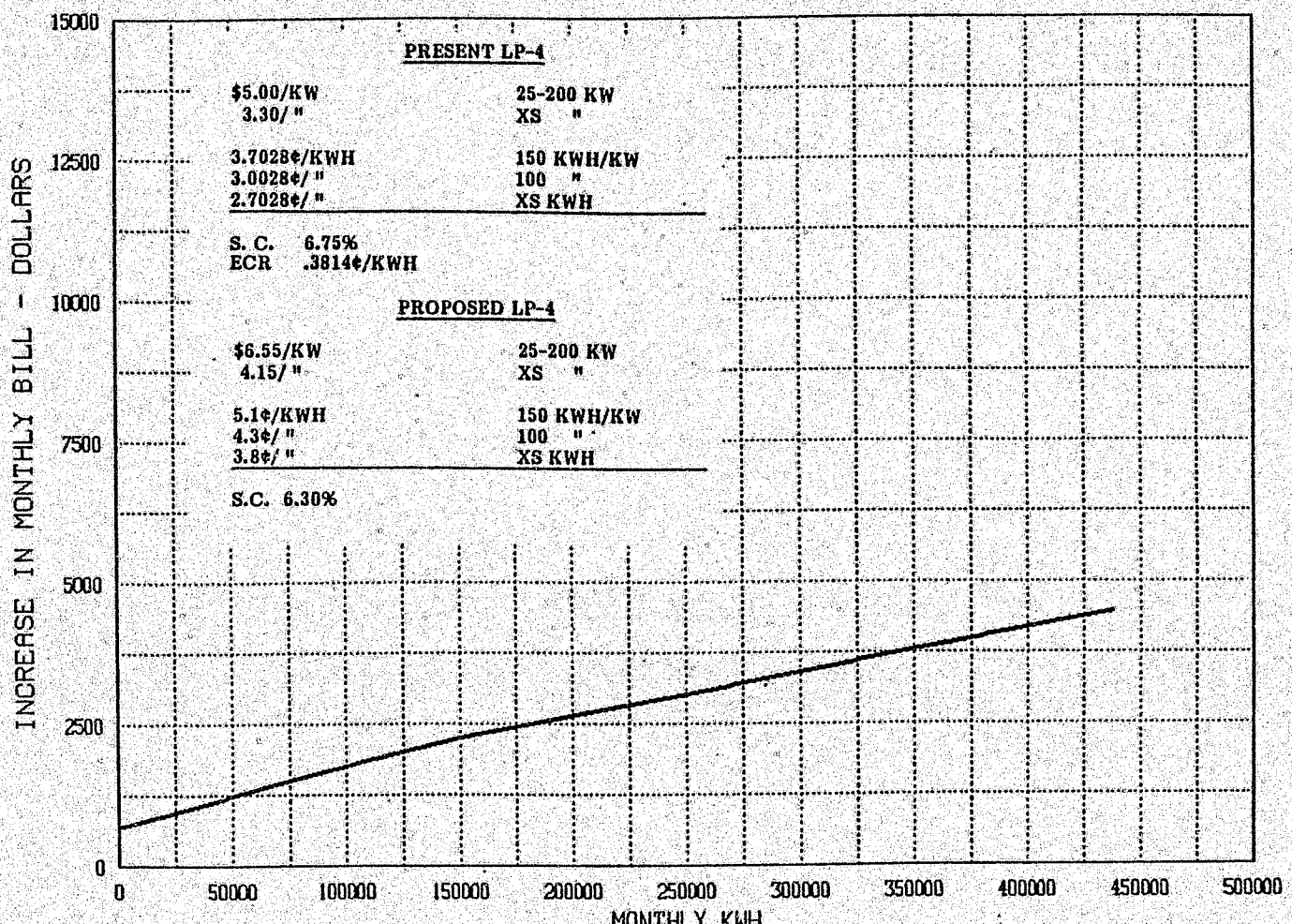
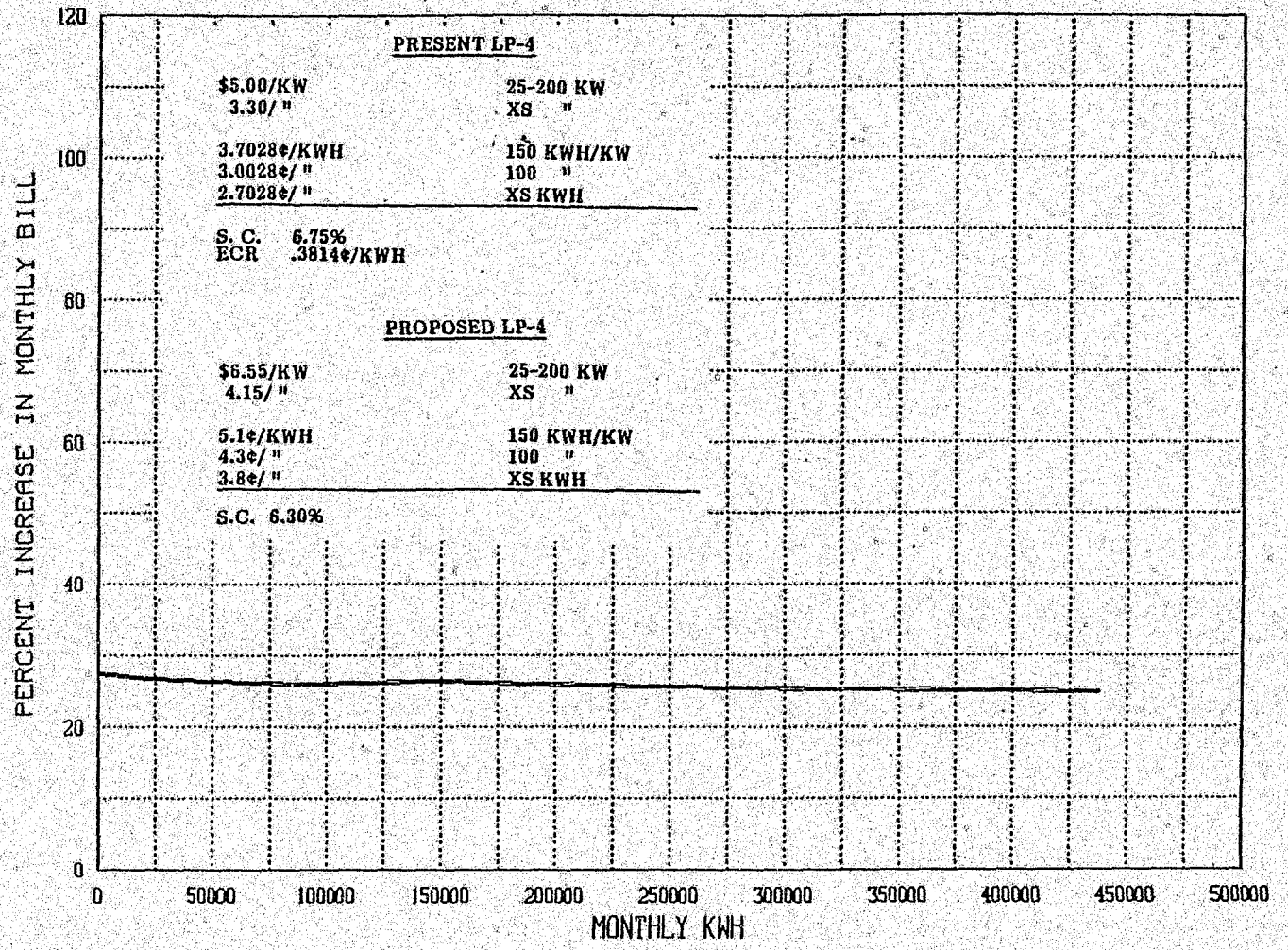


TOTAL REVENUE-PROPOSED LP4 OVER PRESENT LP4 600KW



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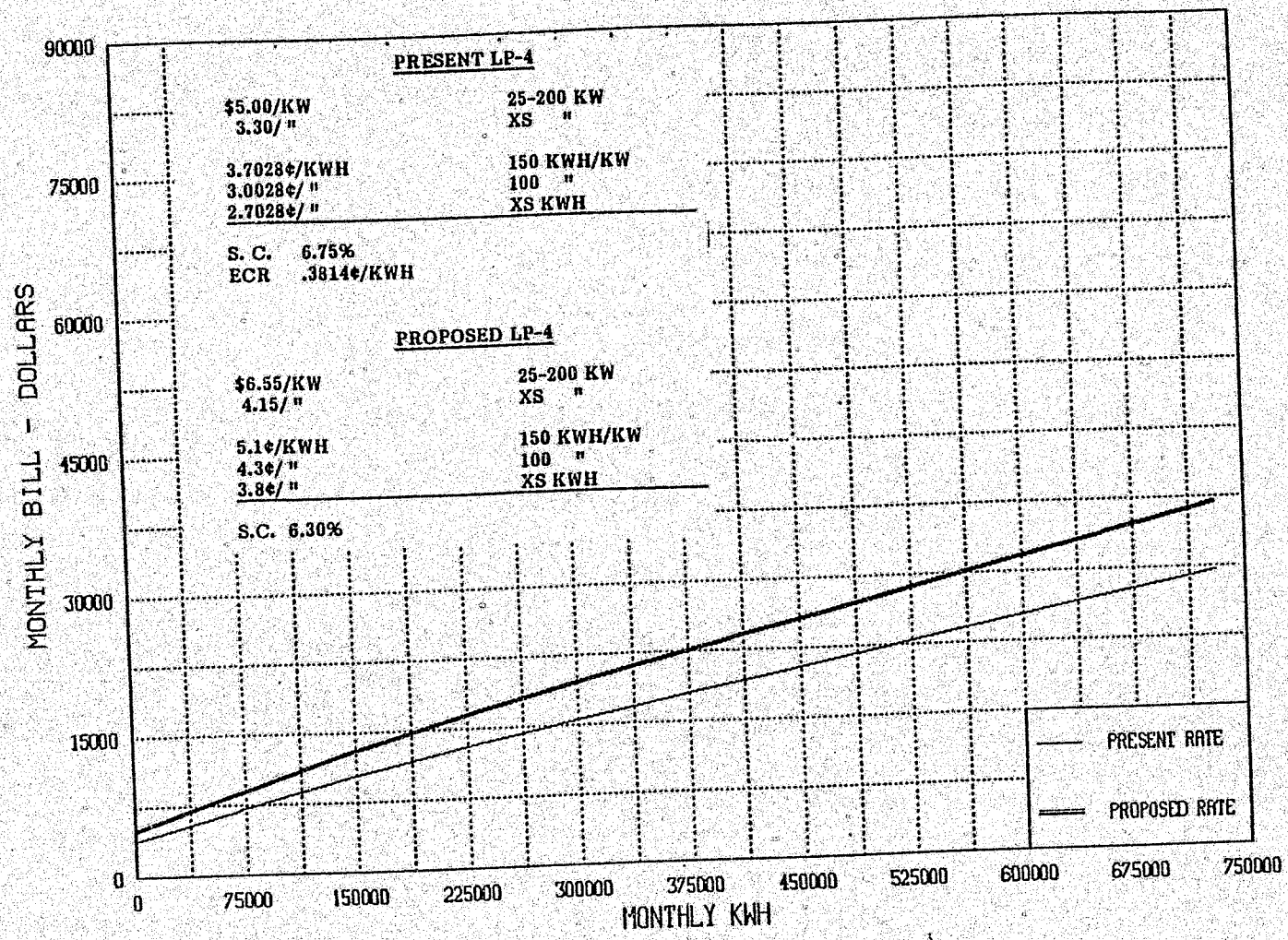

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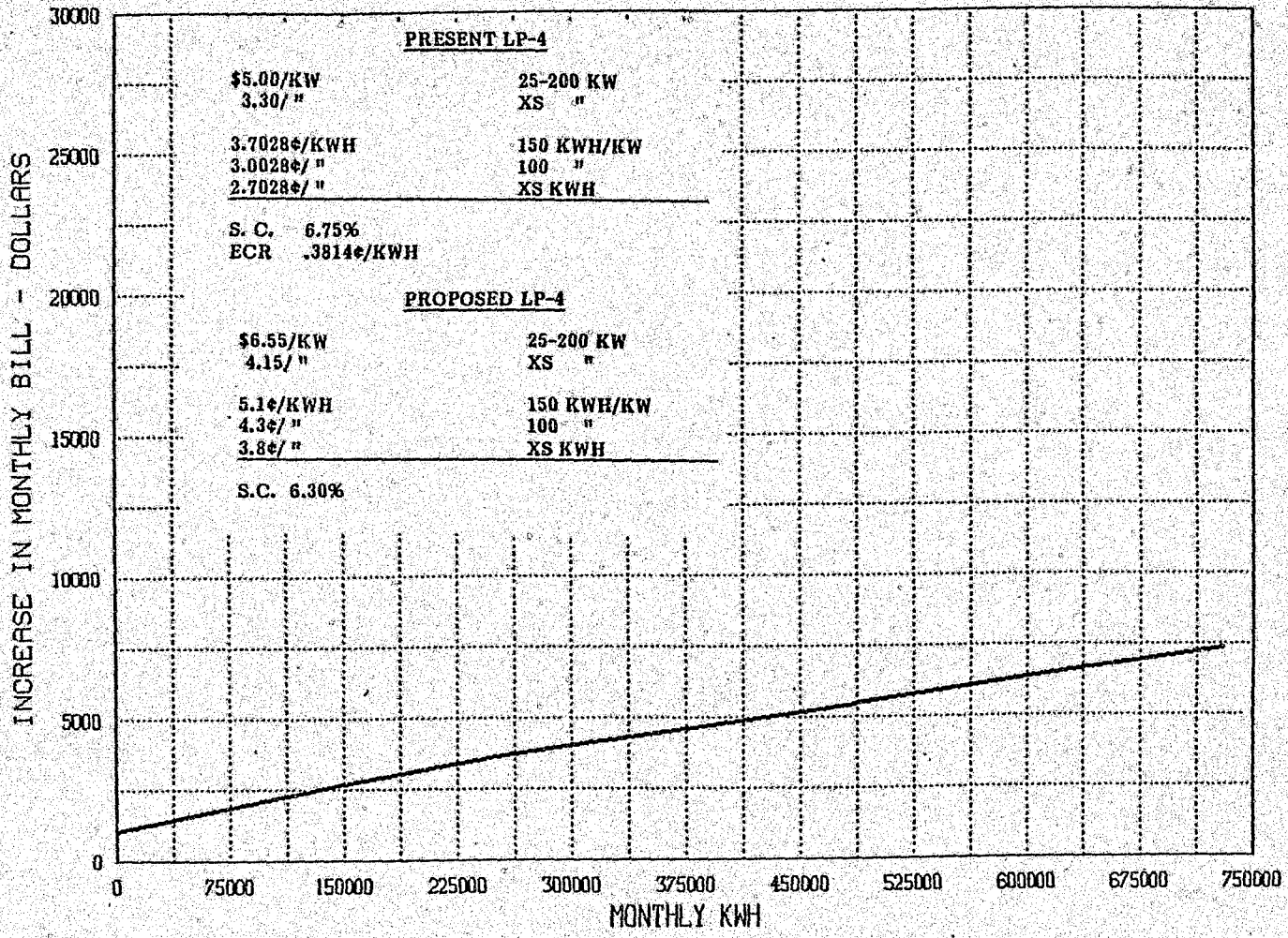

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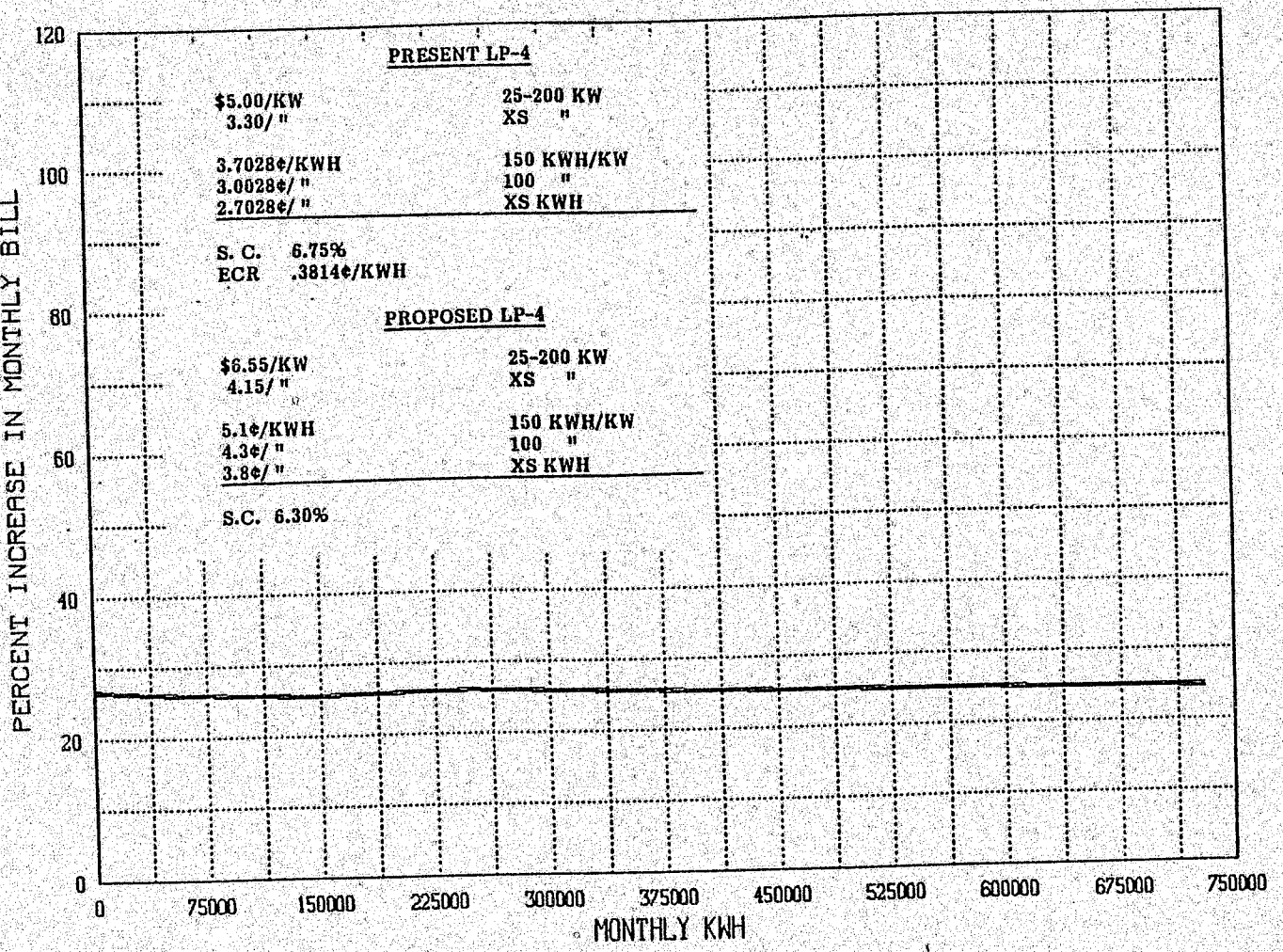

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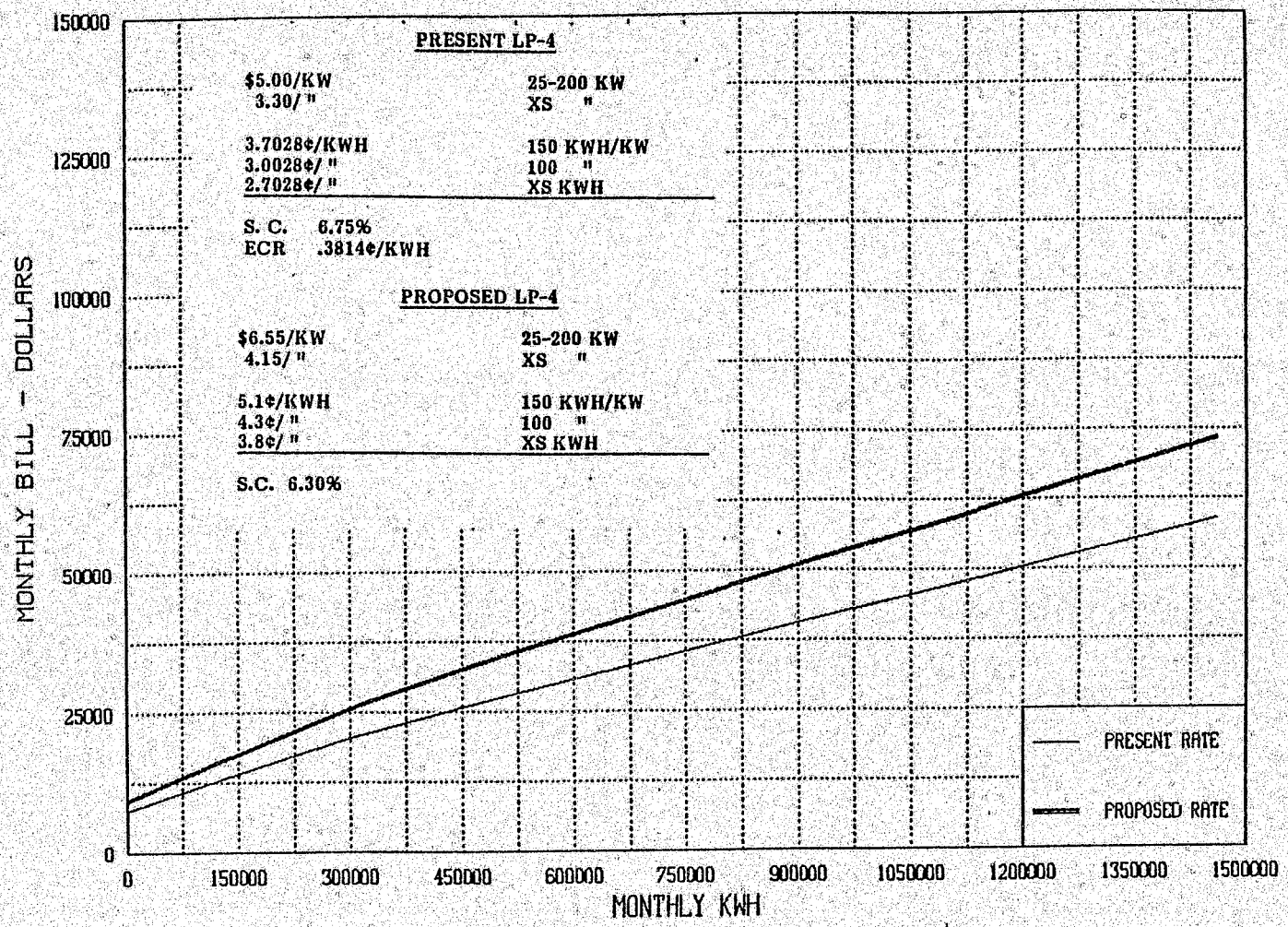

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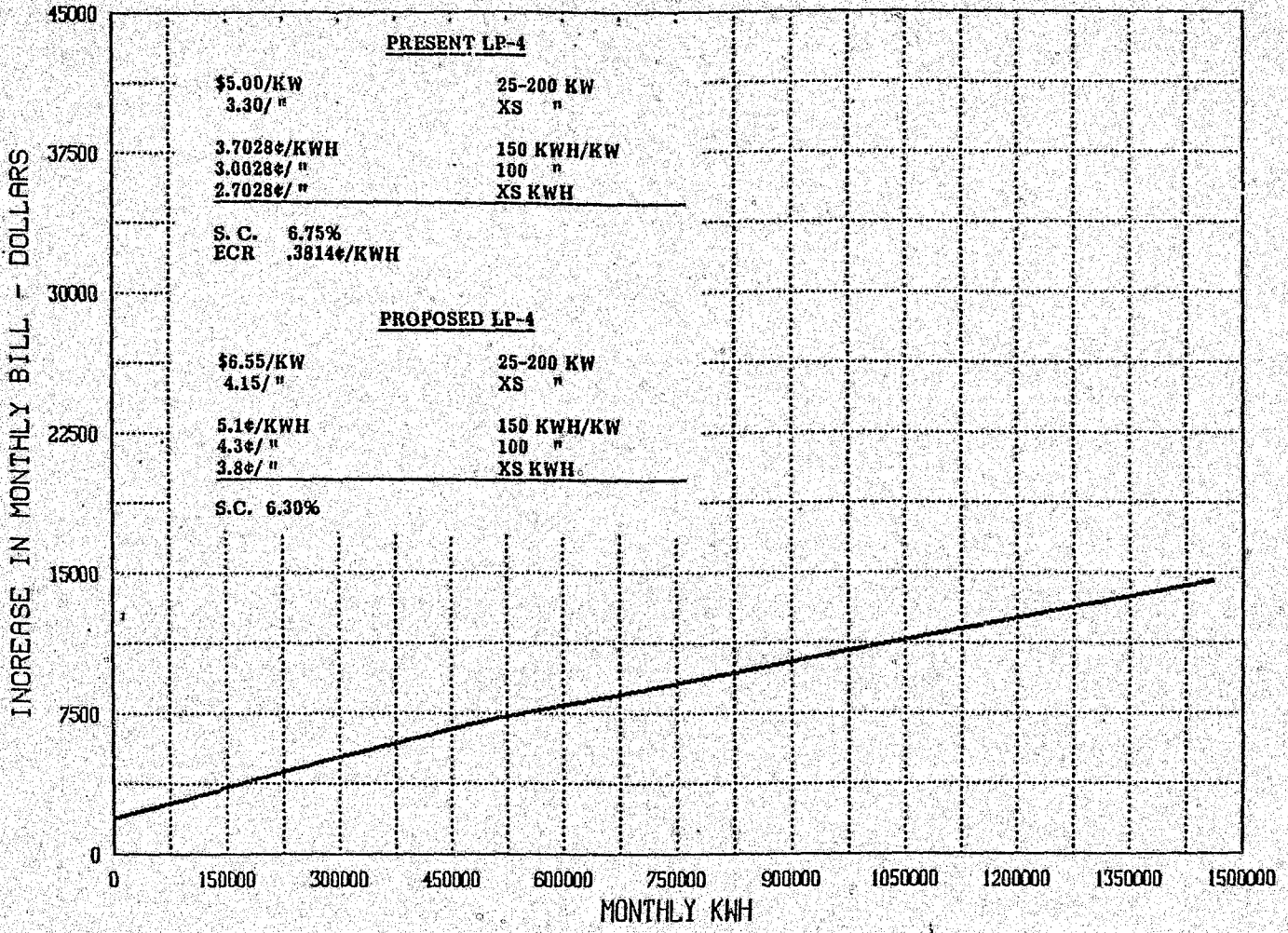

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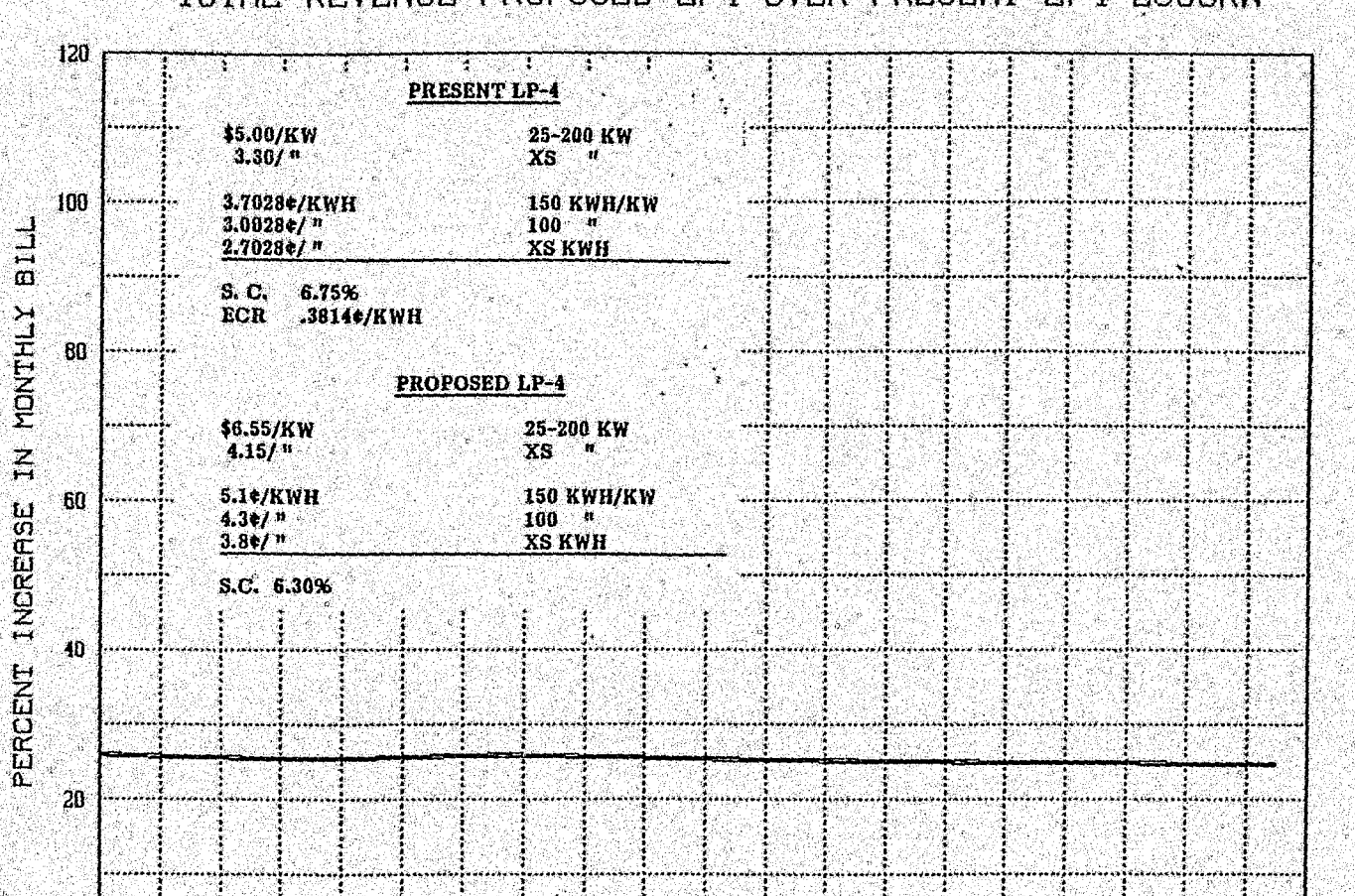

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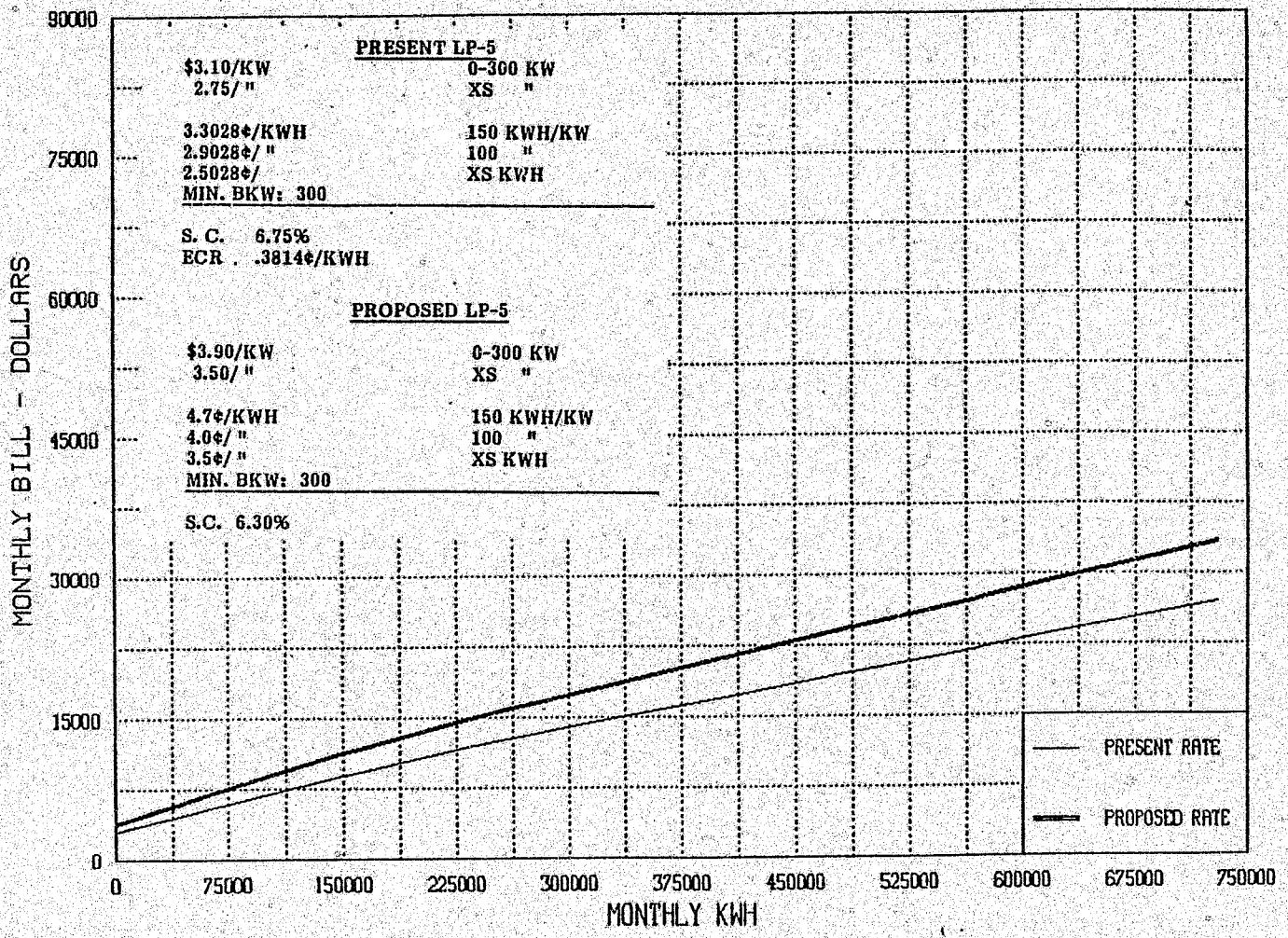

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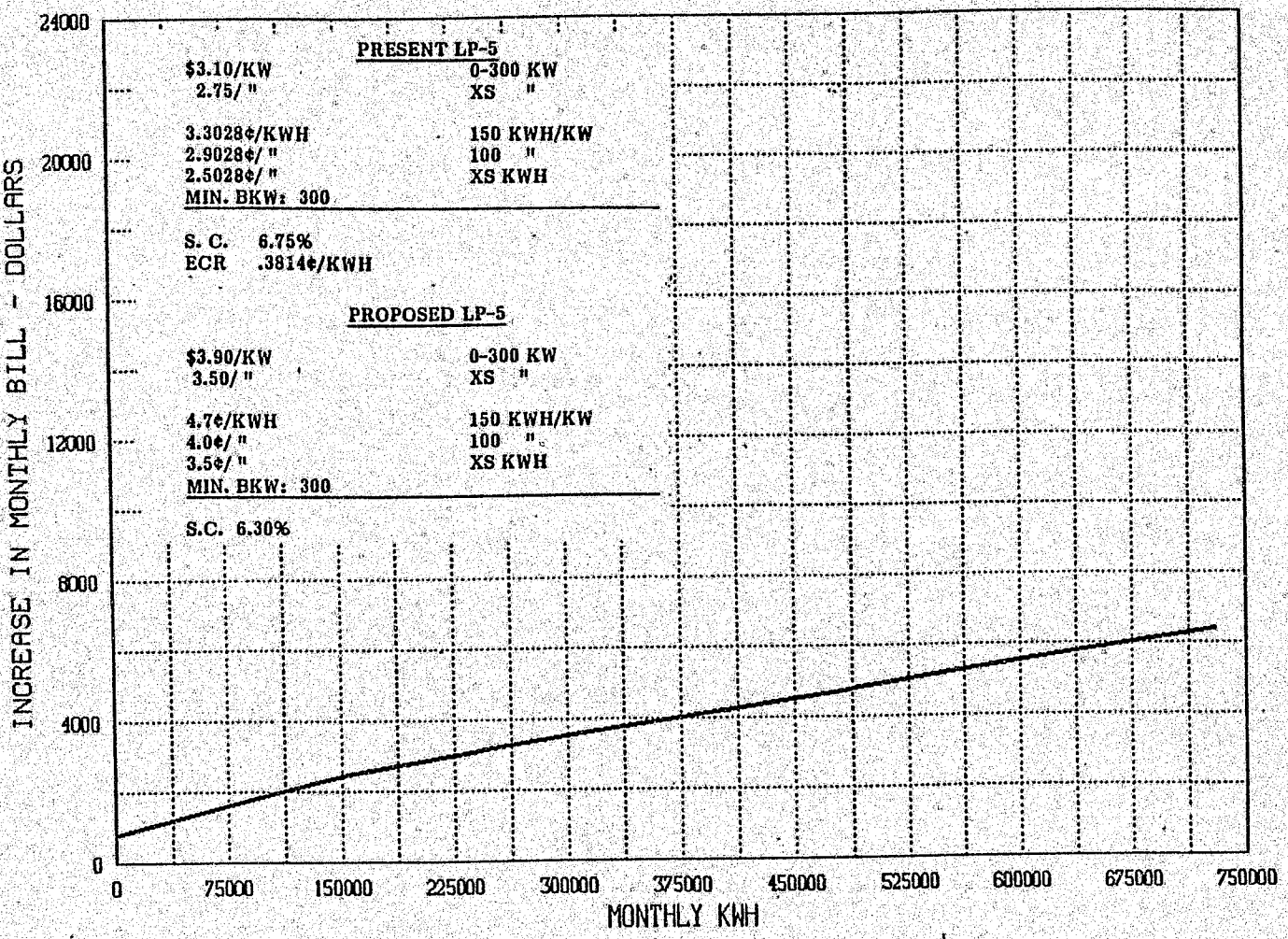

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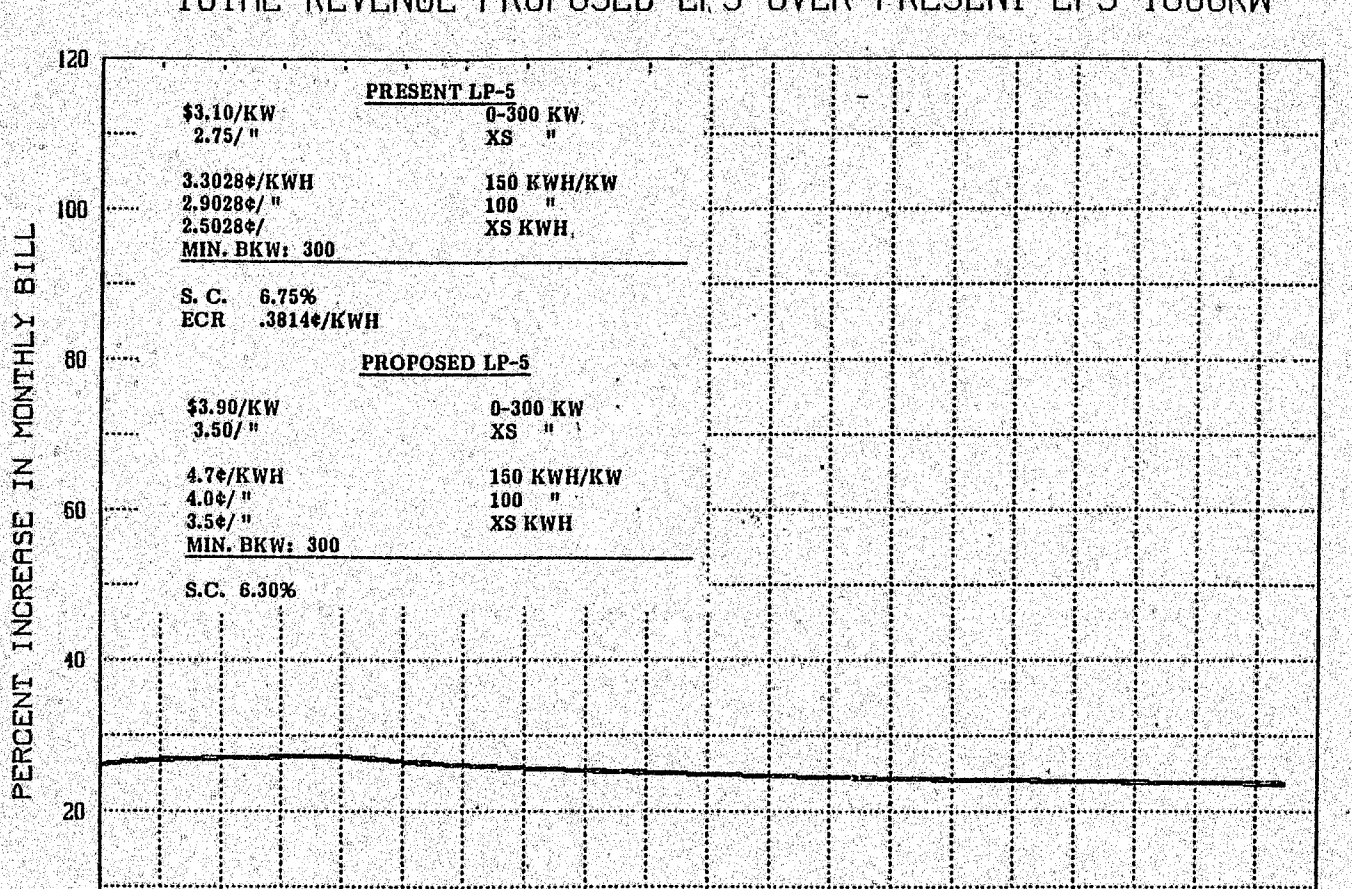

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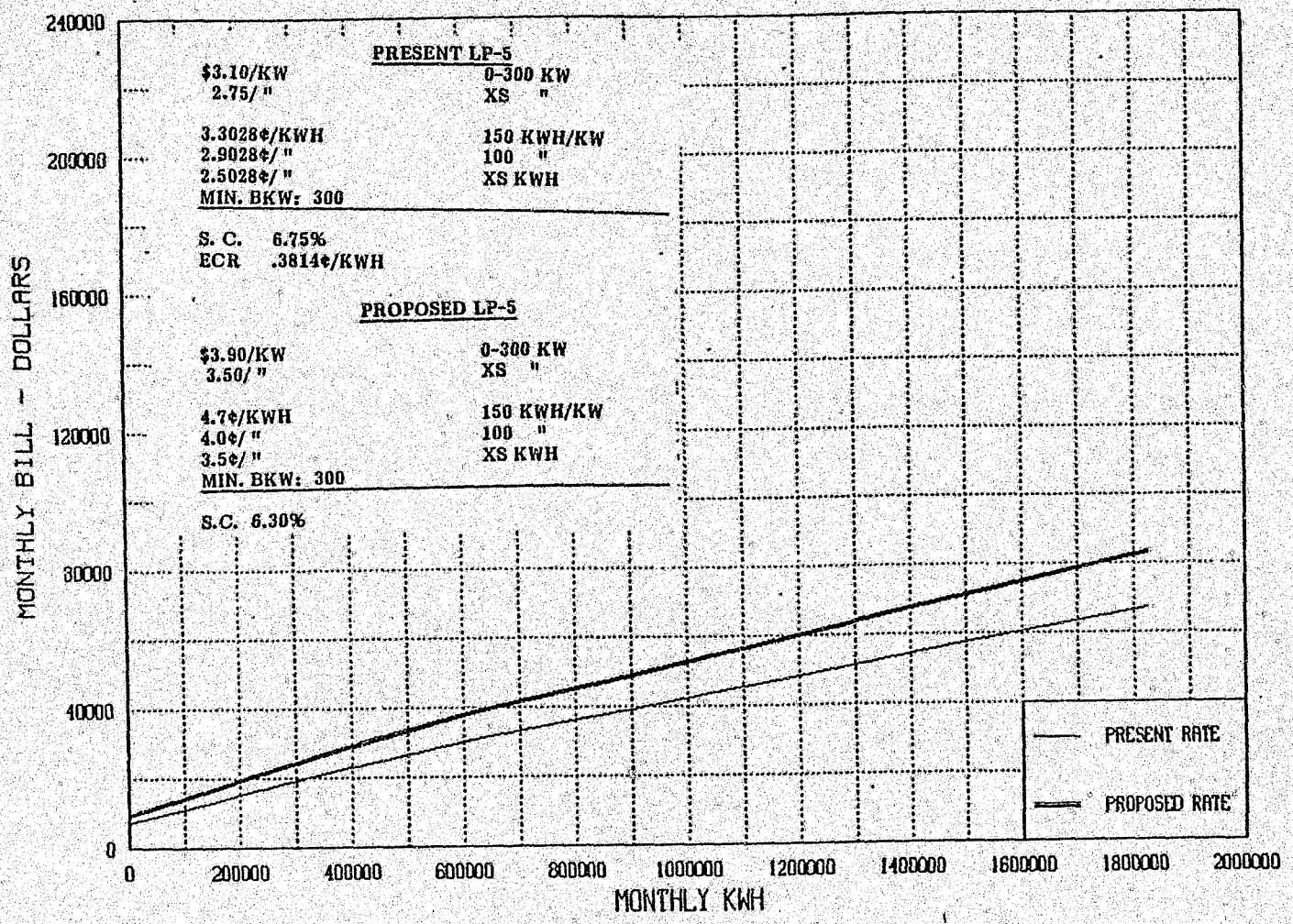

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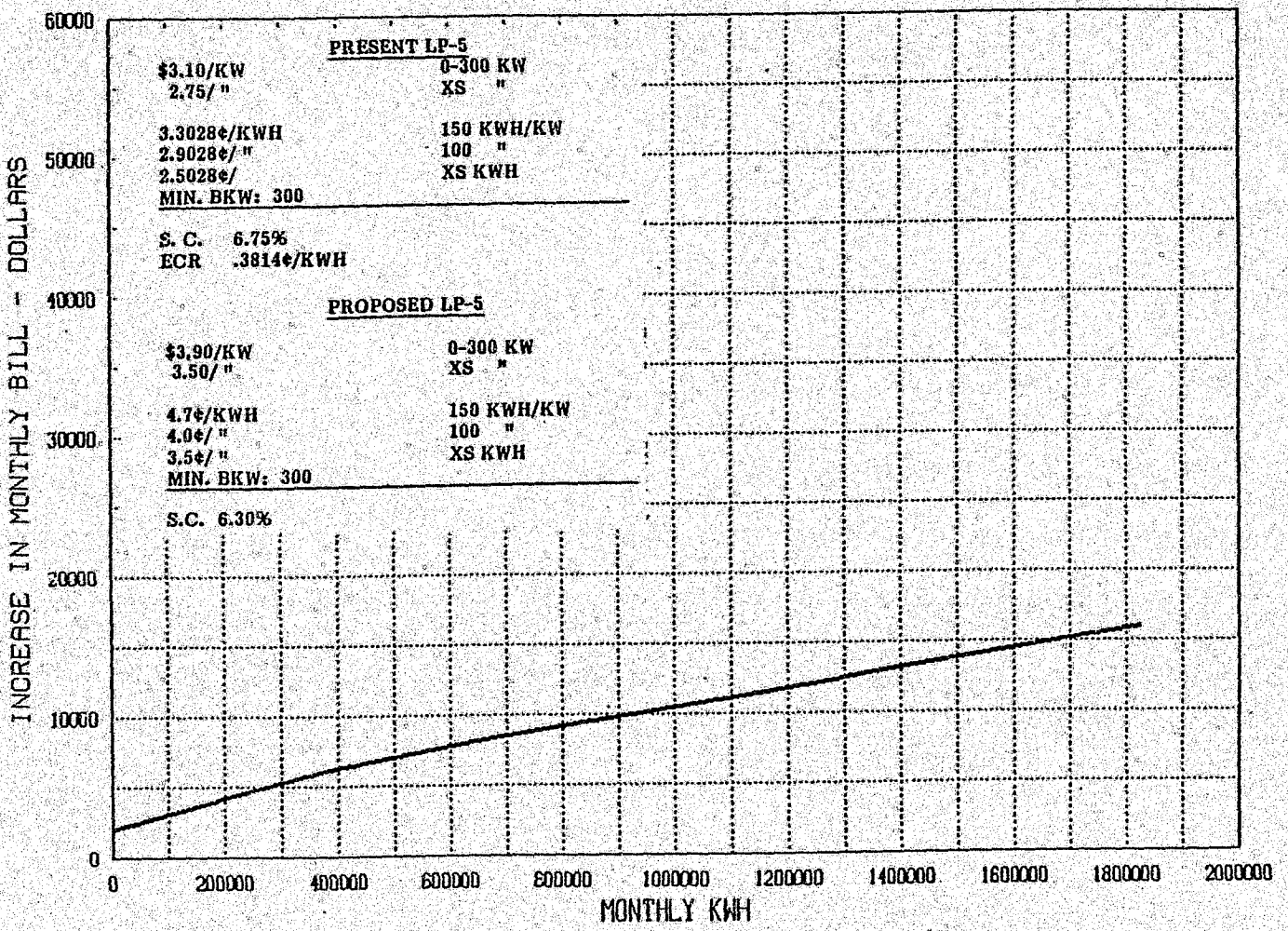

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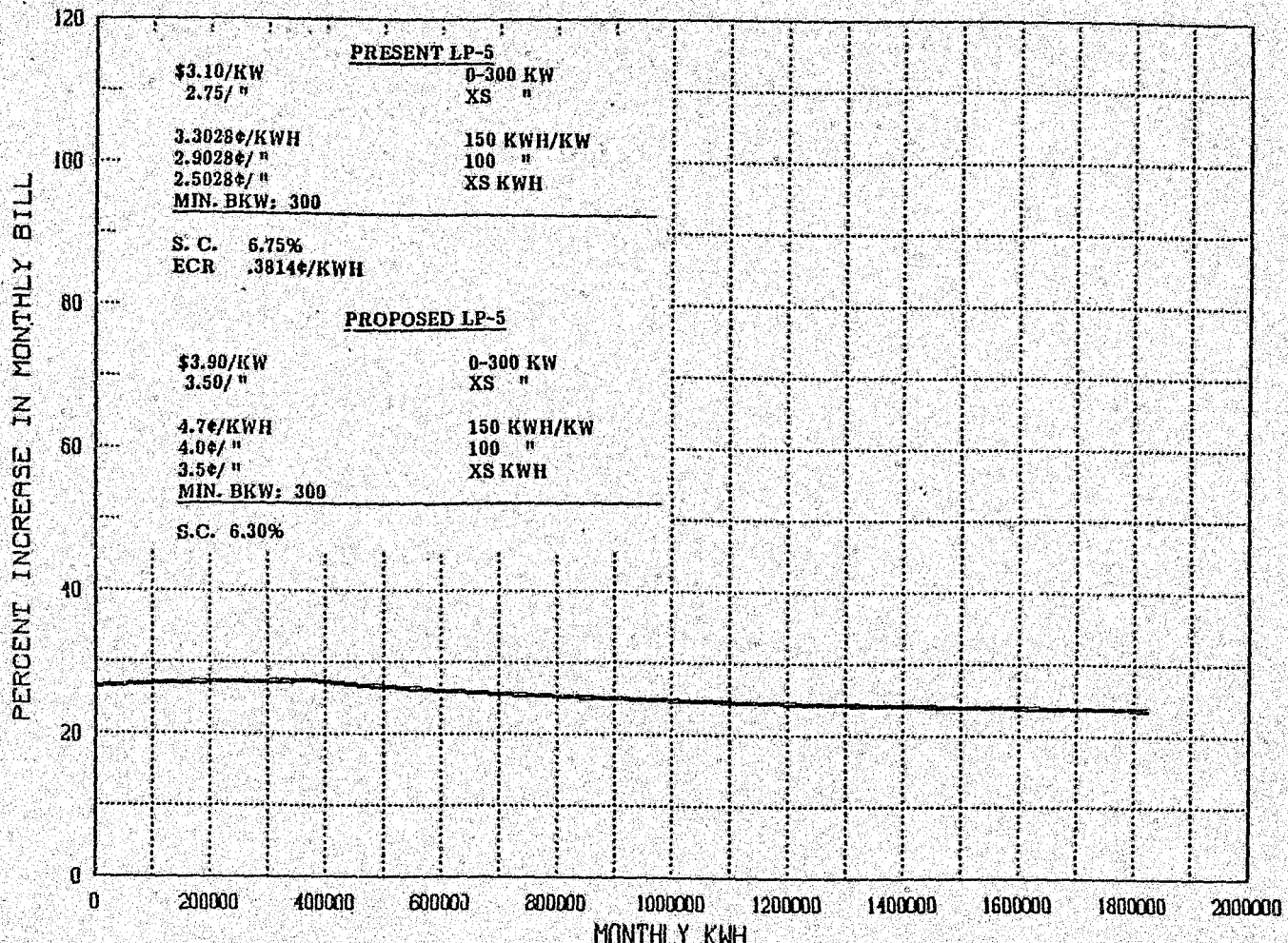

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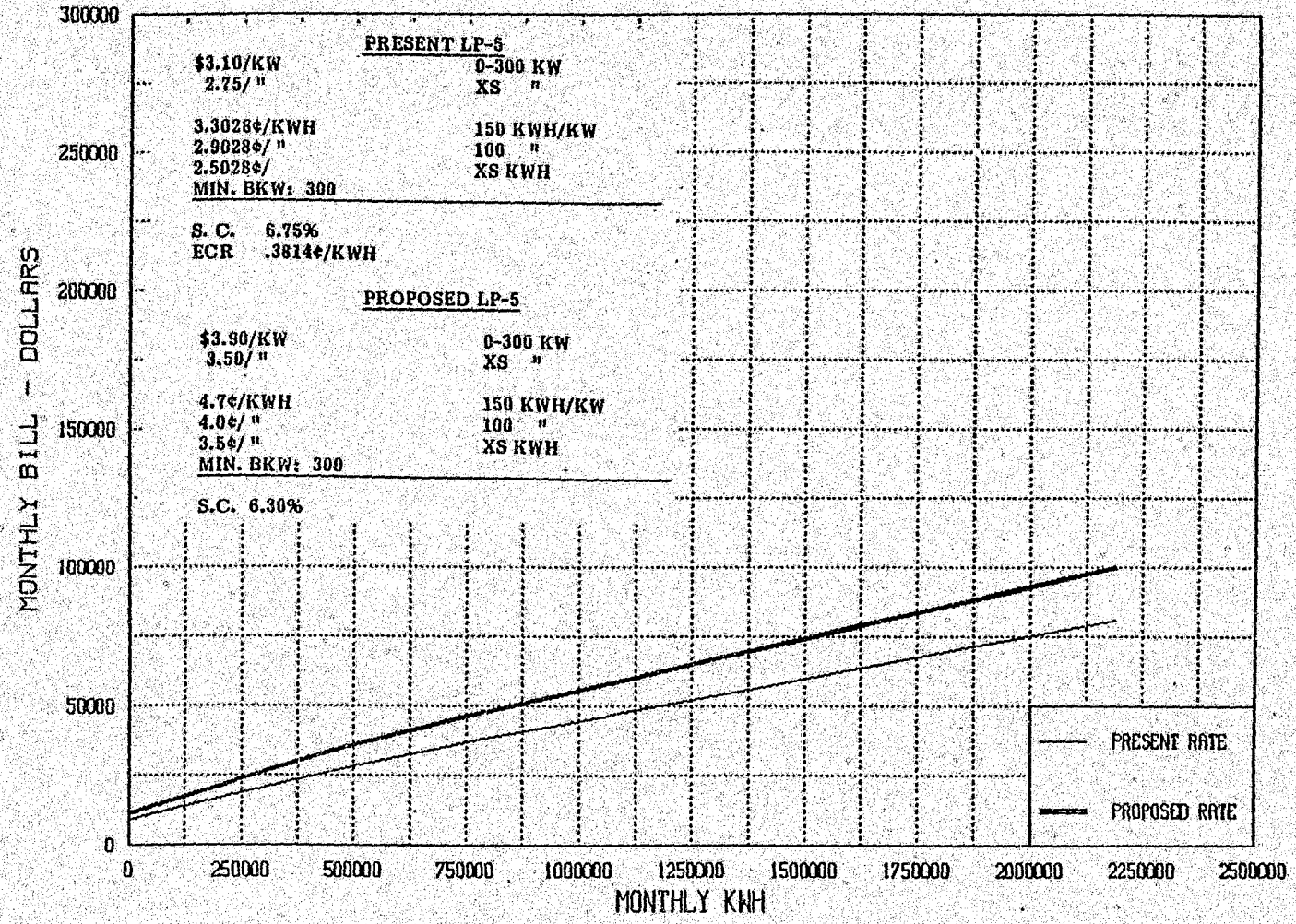

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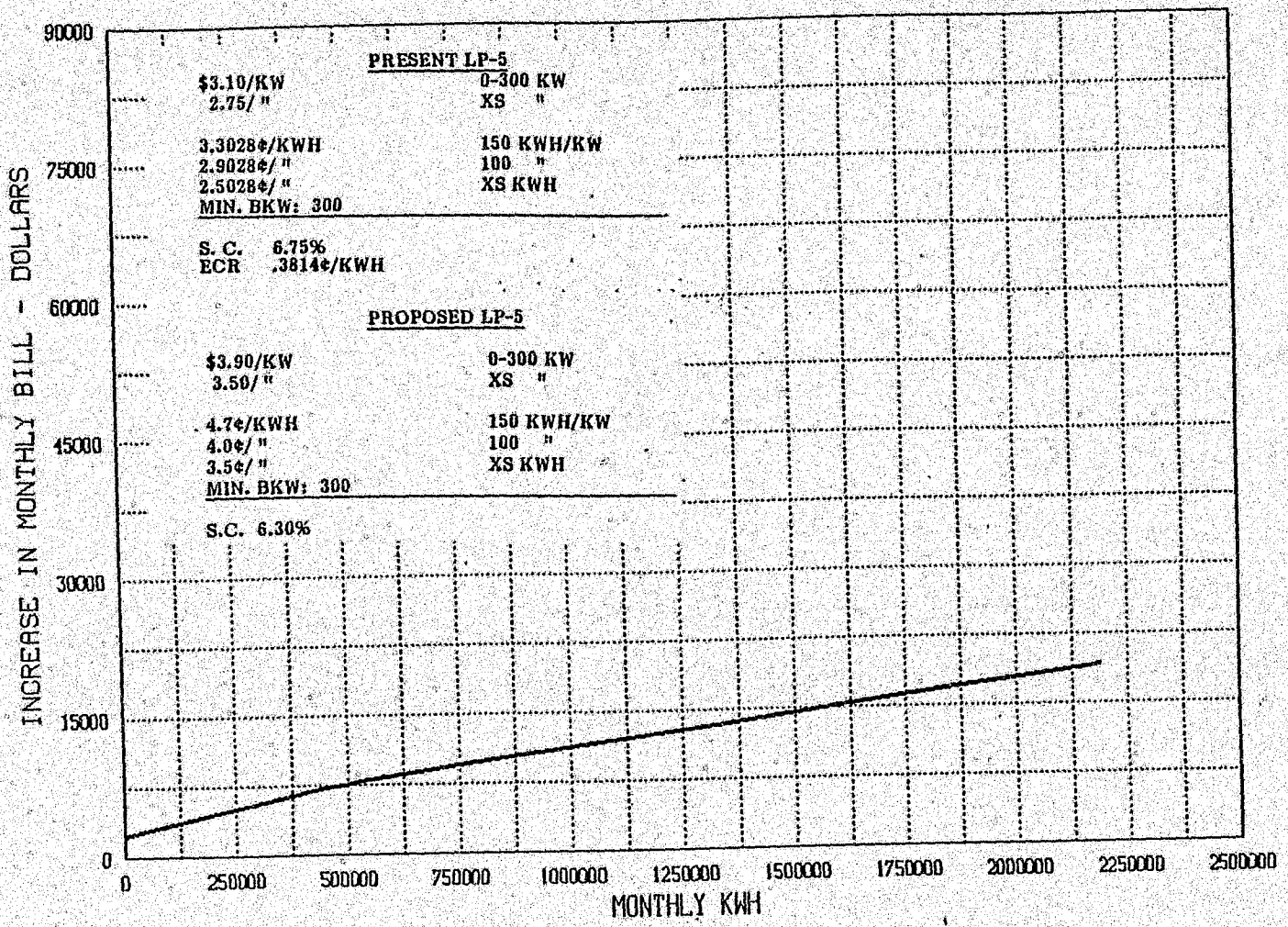

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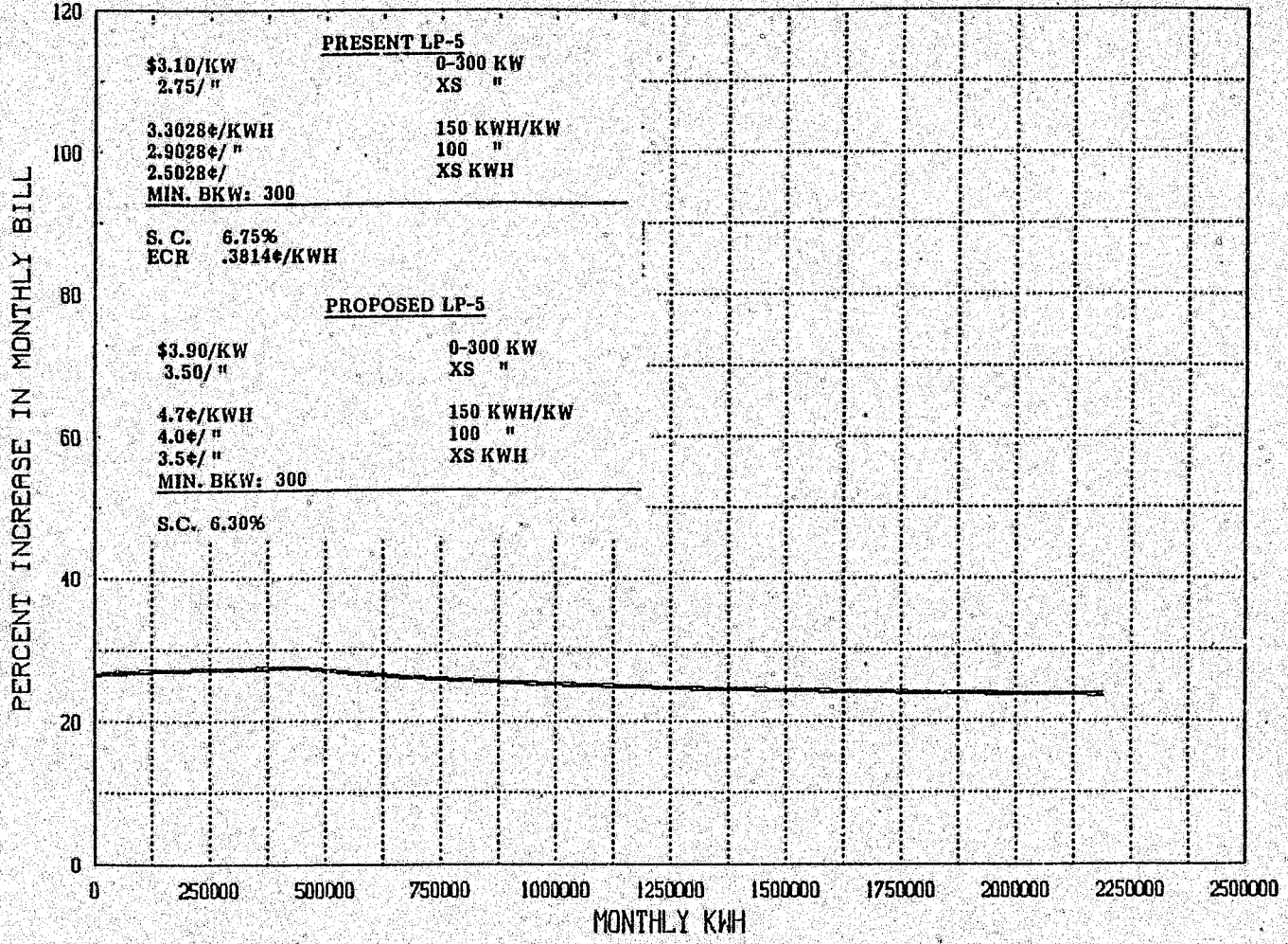

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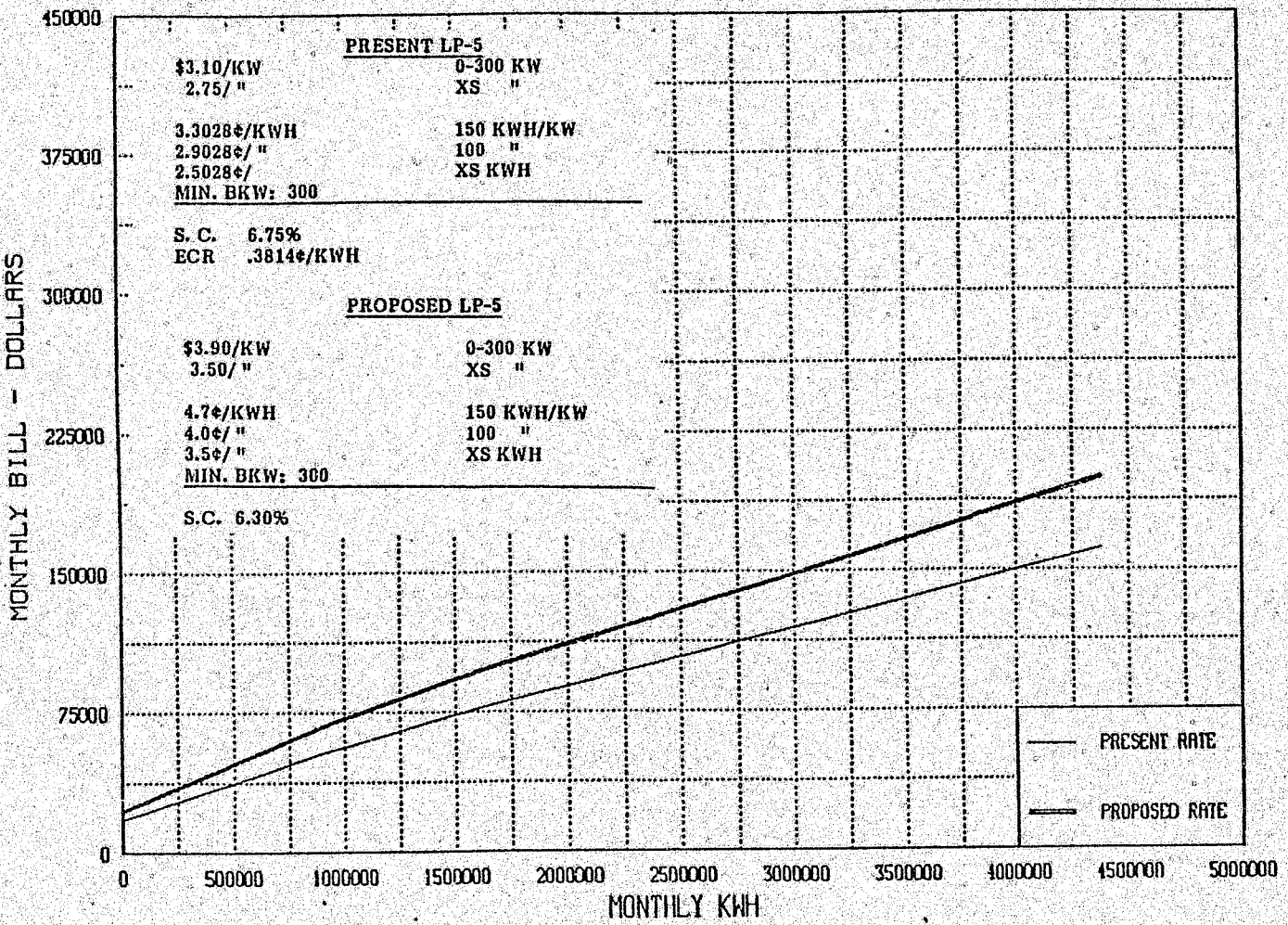
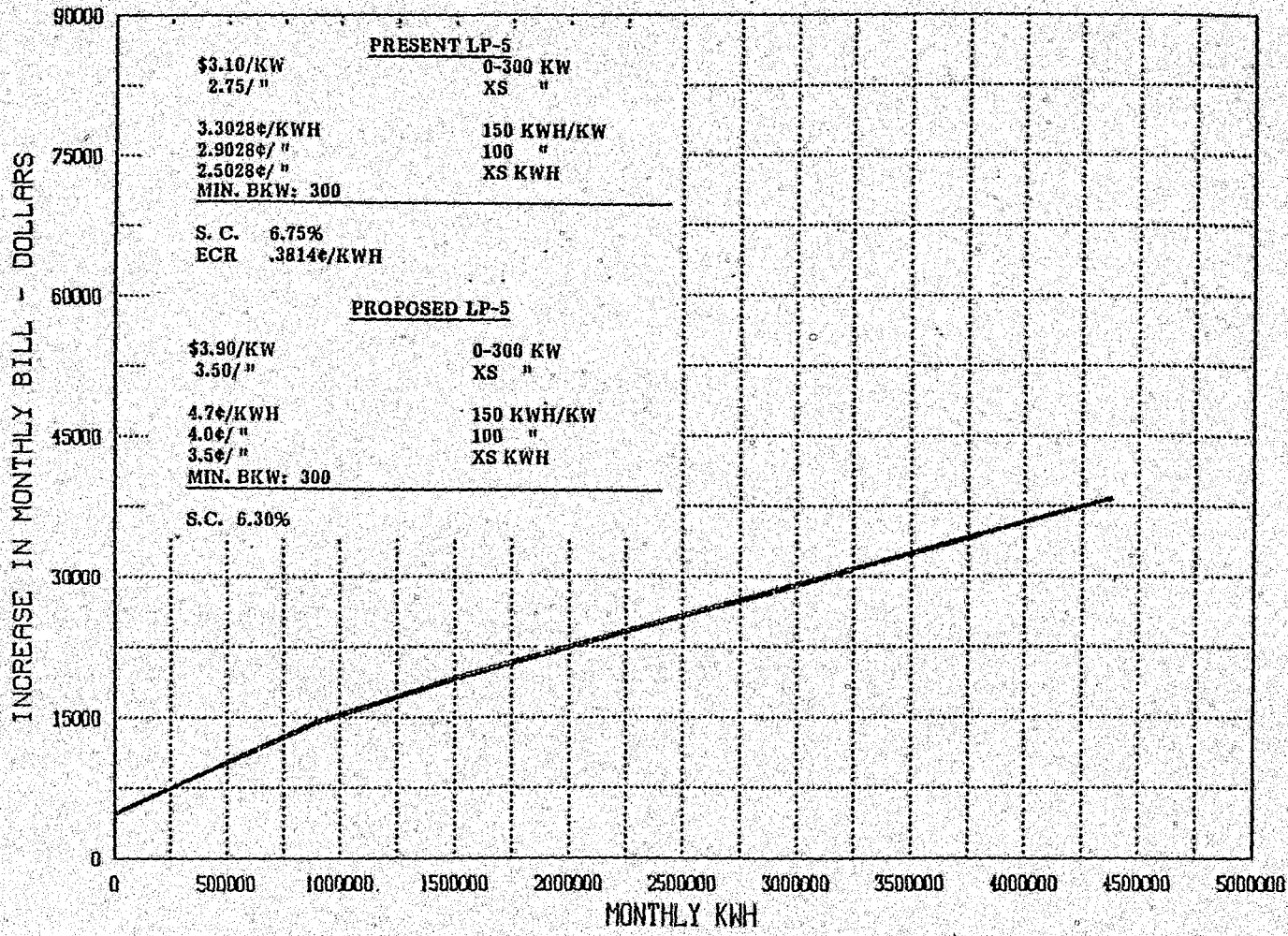
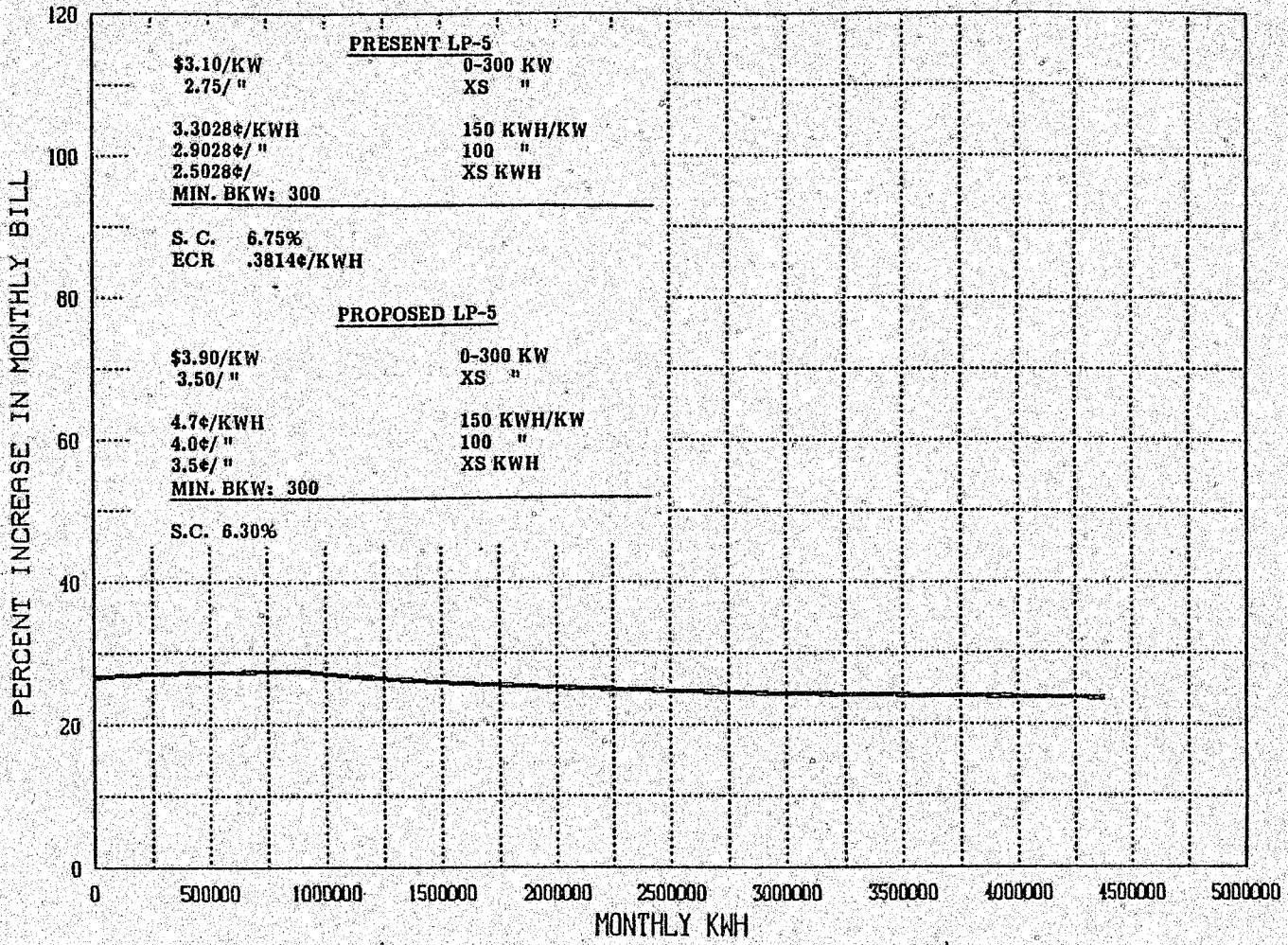


TOTAL REVENUE-PROPOSED LP5 OVER PRESENT LP5 6000KW



TOTAL REVENUE-PROPOSED LP5 OVER PRESENT LP5 6000KW



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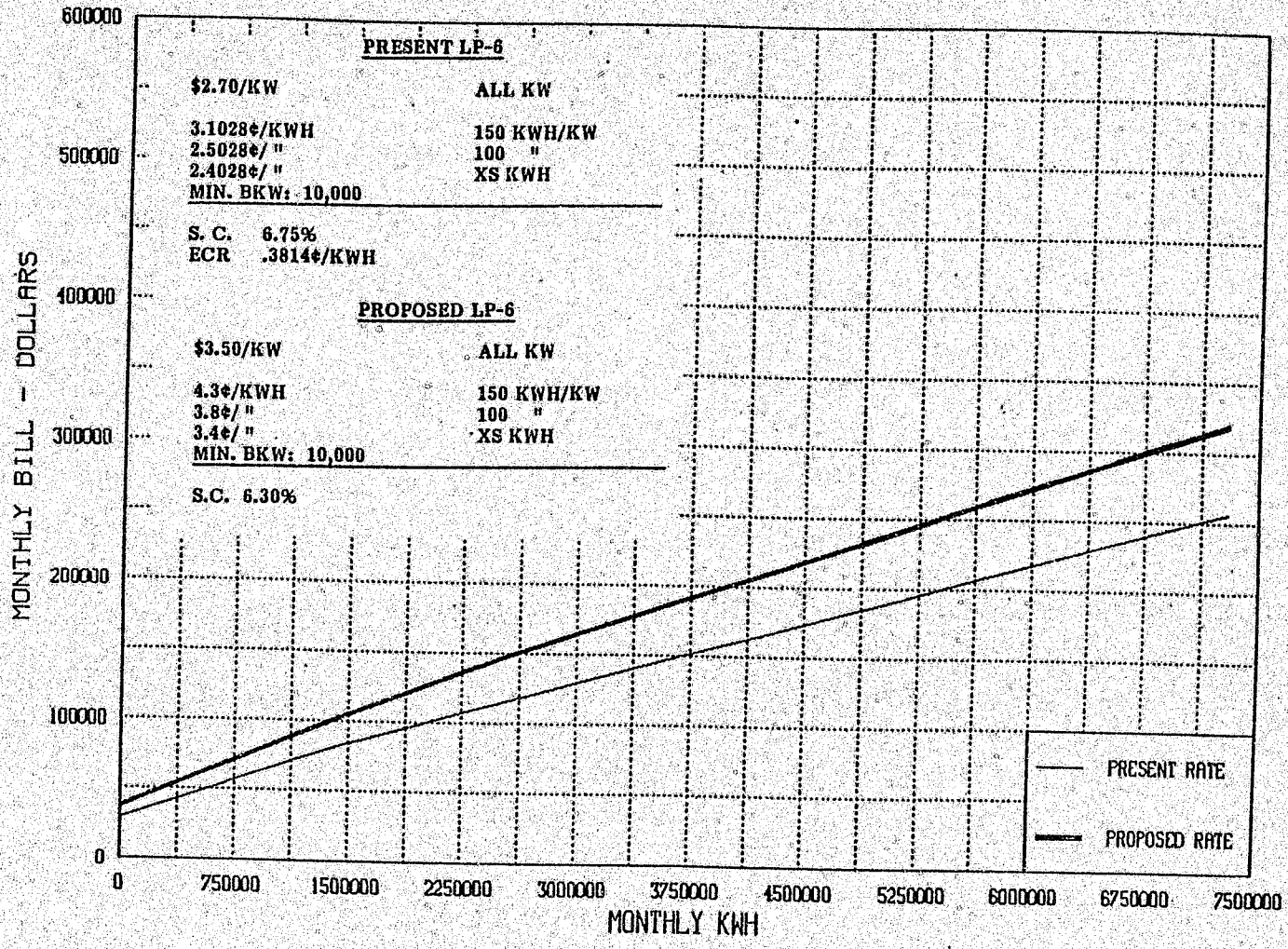

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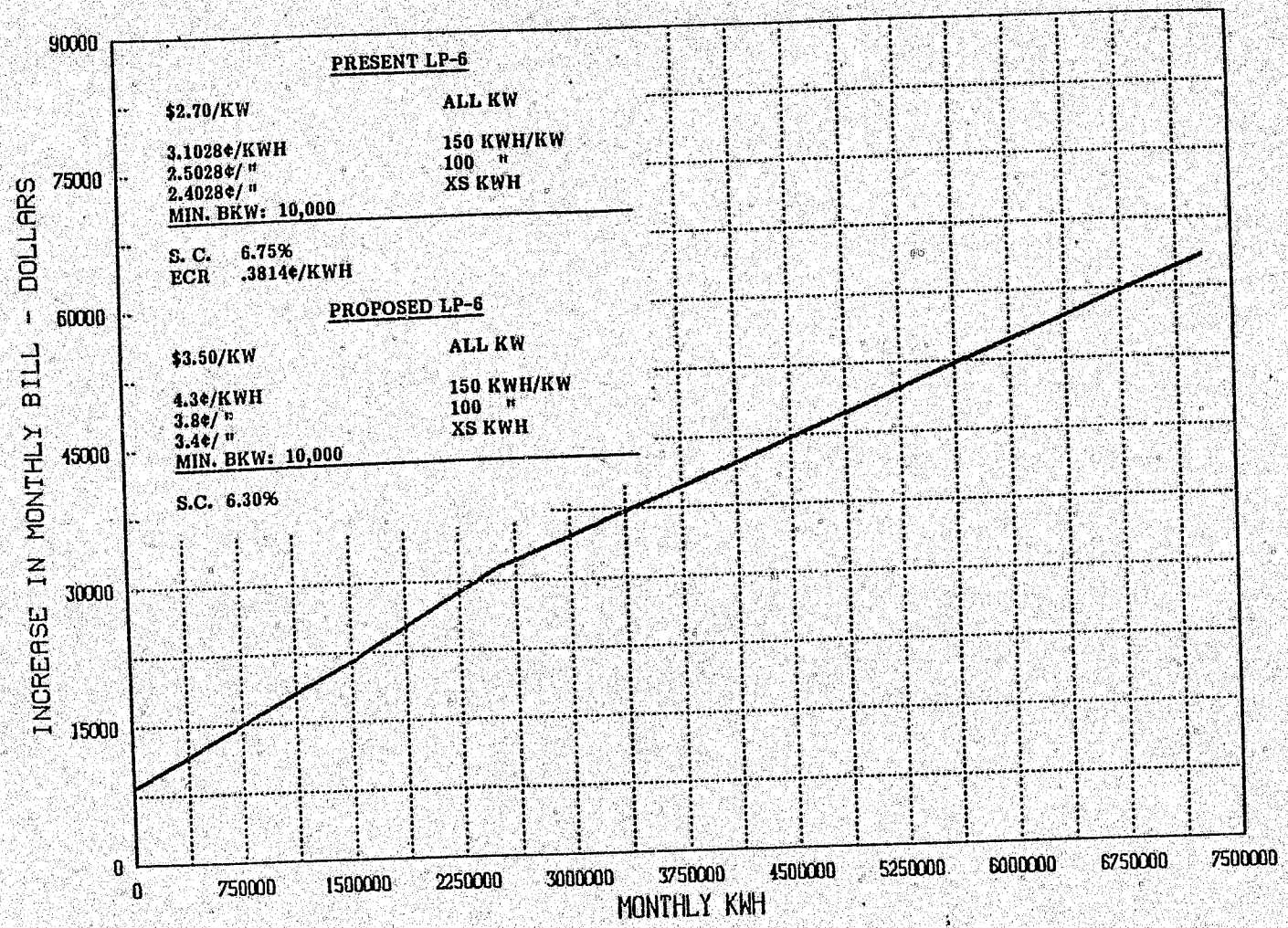

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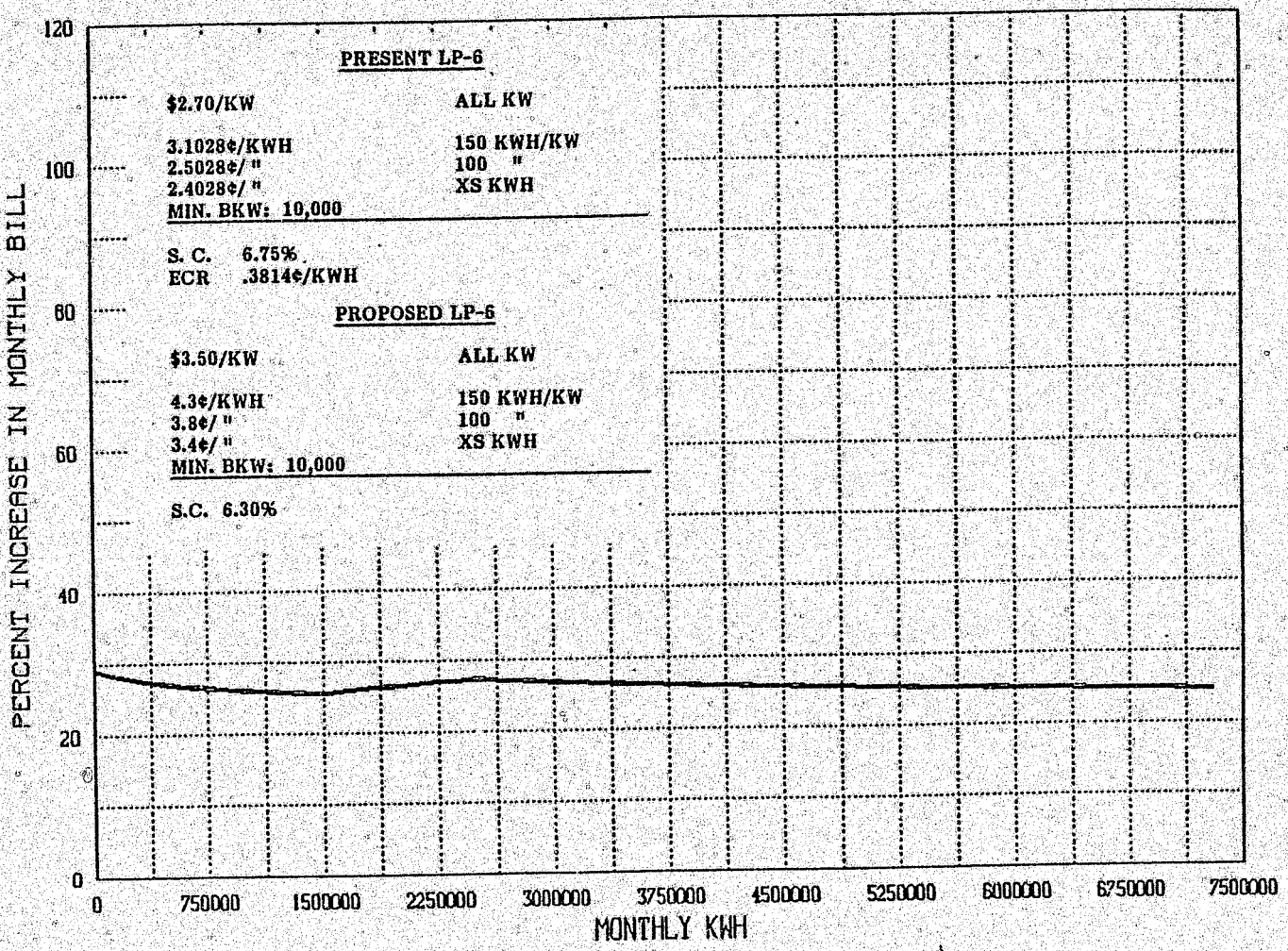

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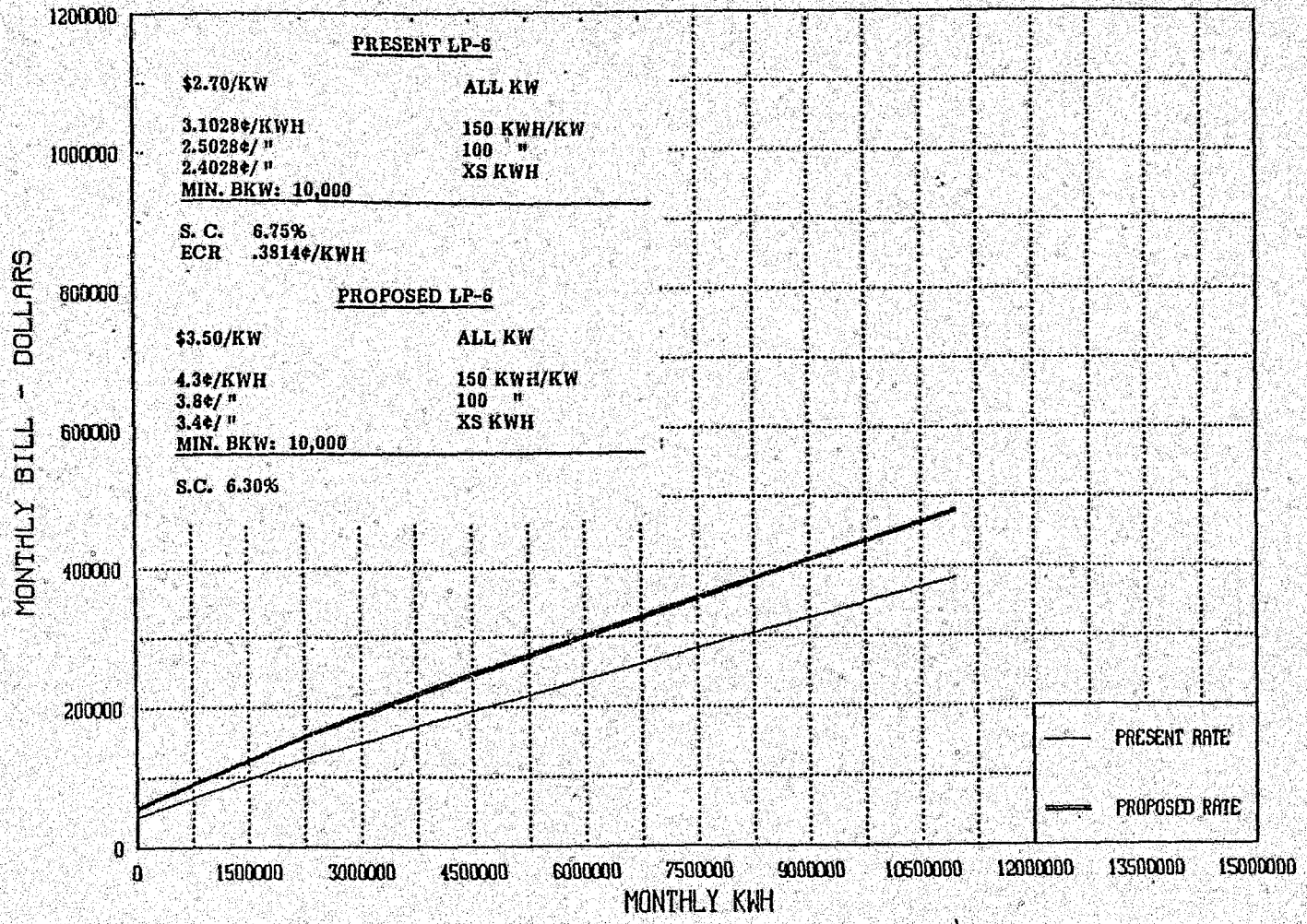

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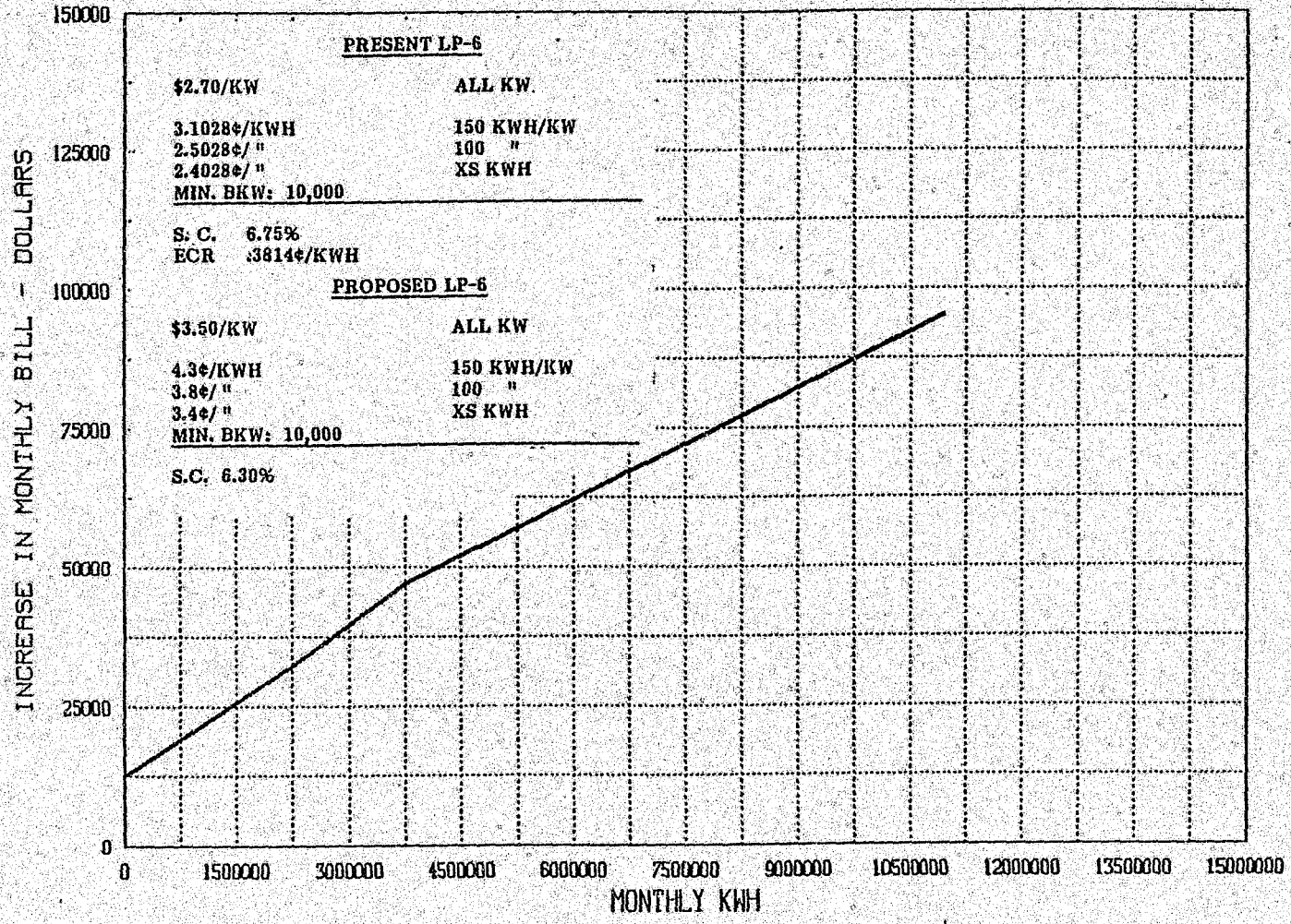

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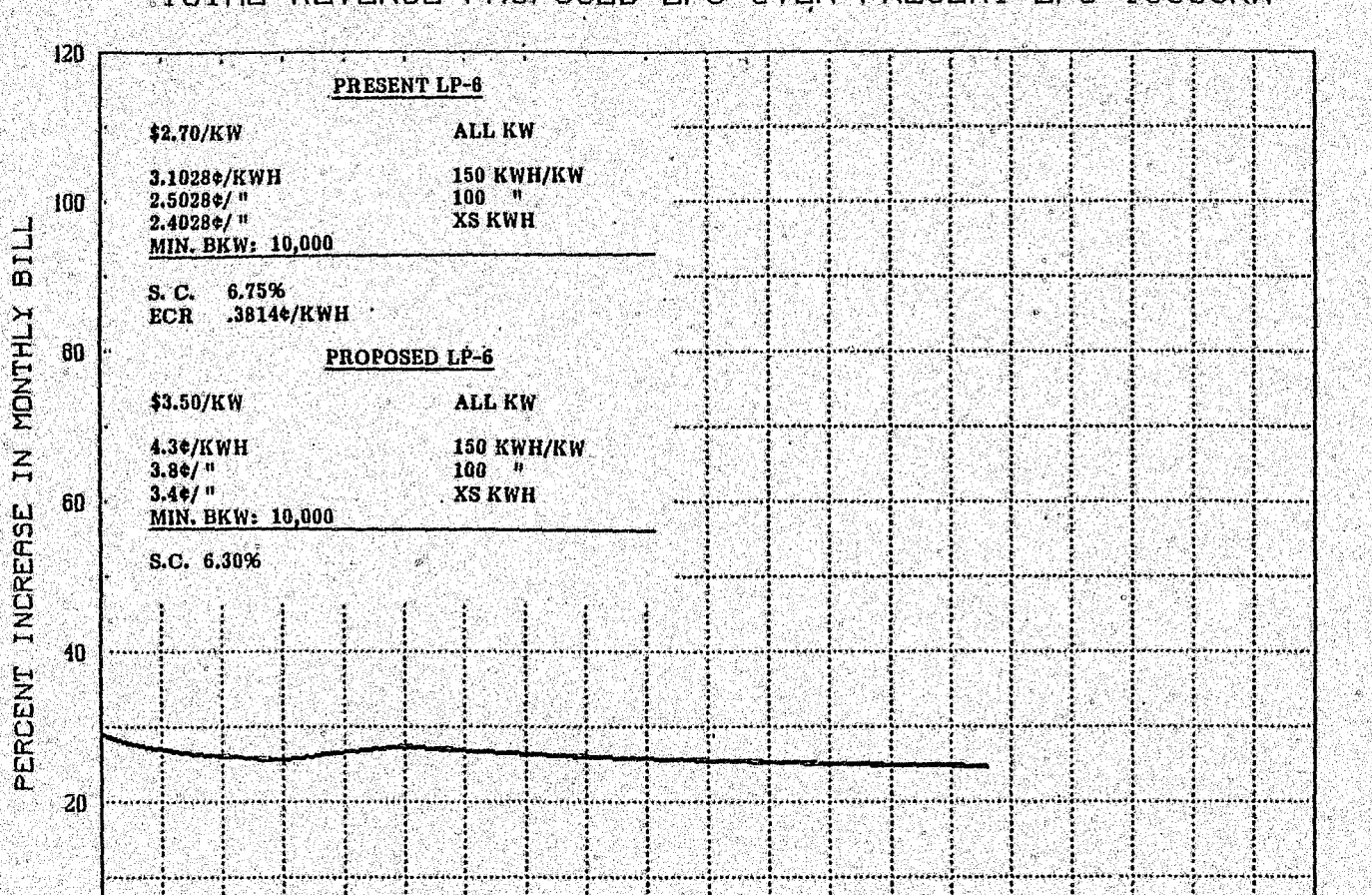

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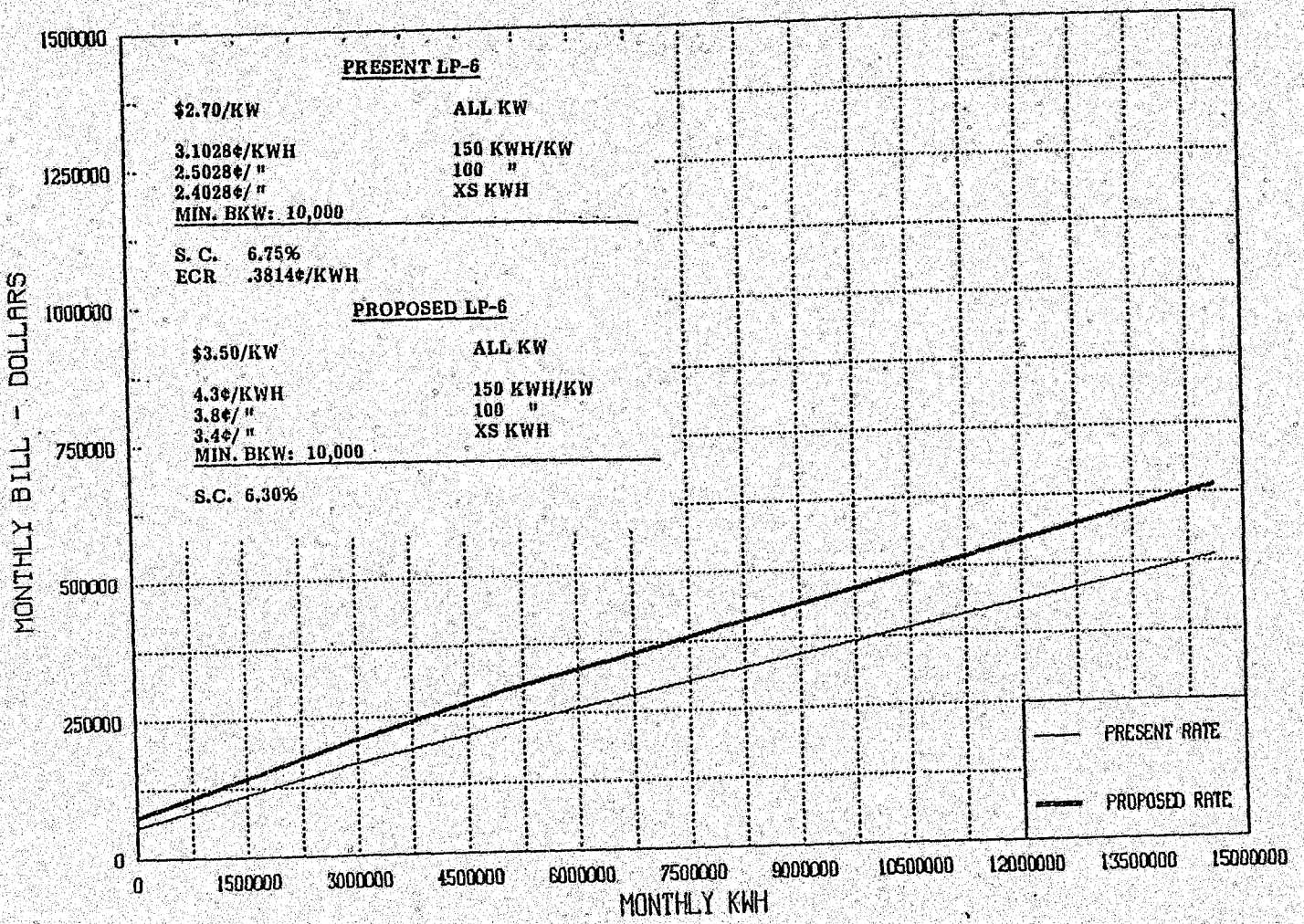
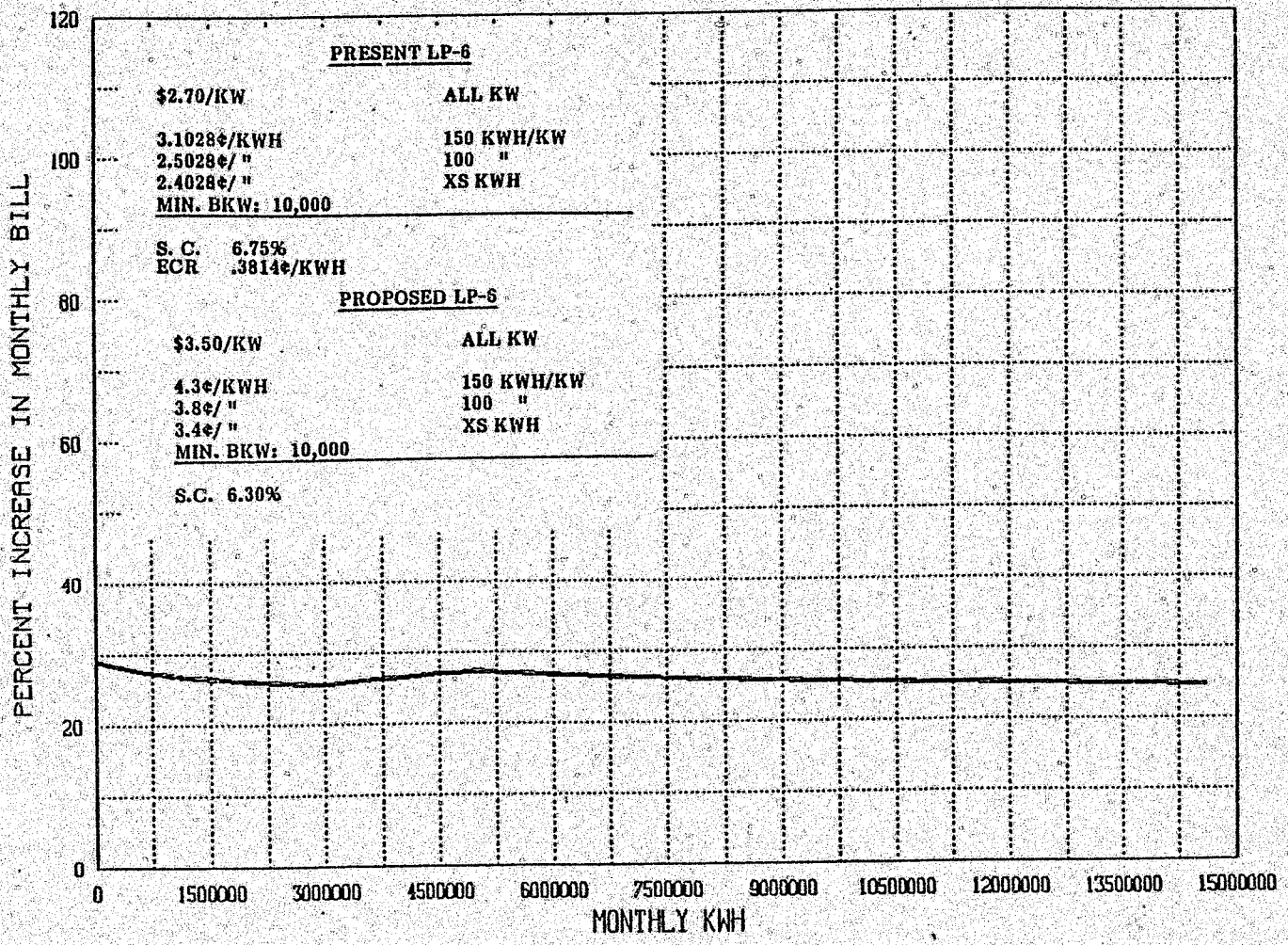


TOTAL REVENUE-PROPOSED LP6 OVER PRESENT LP6 20000KW

TOTAL REVENUE-PROPOSED LP6 OVER PRESENT LP6 20000KW



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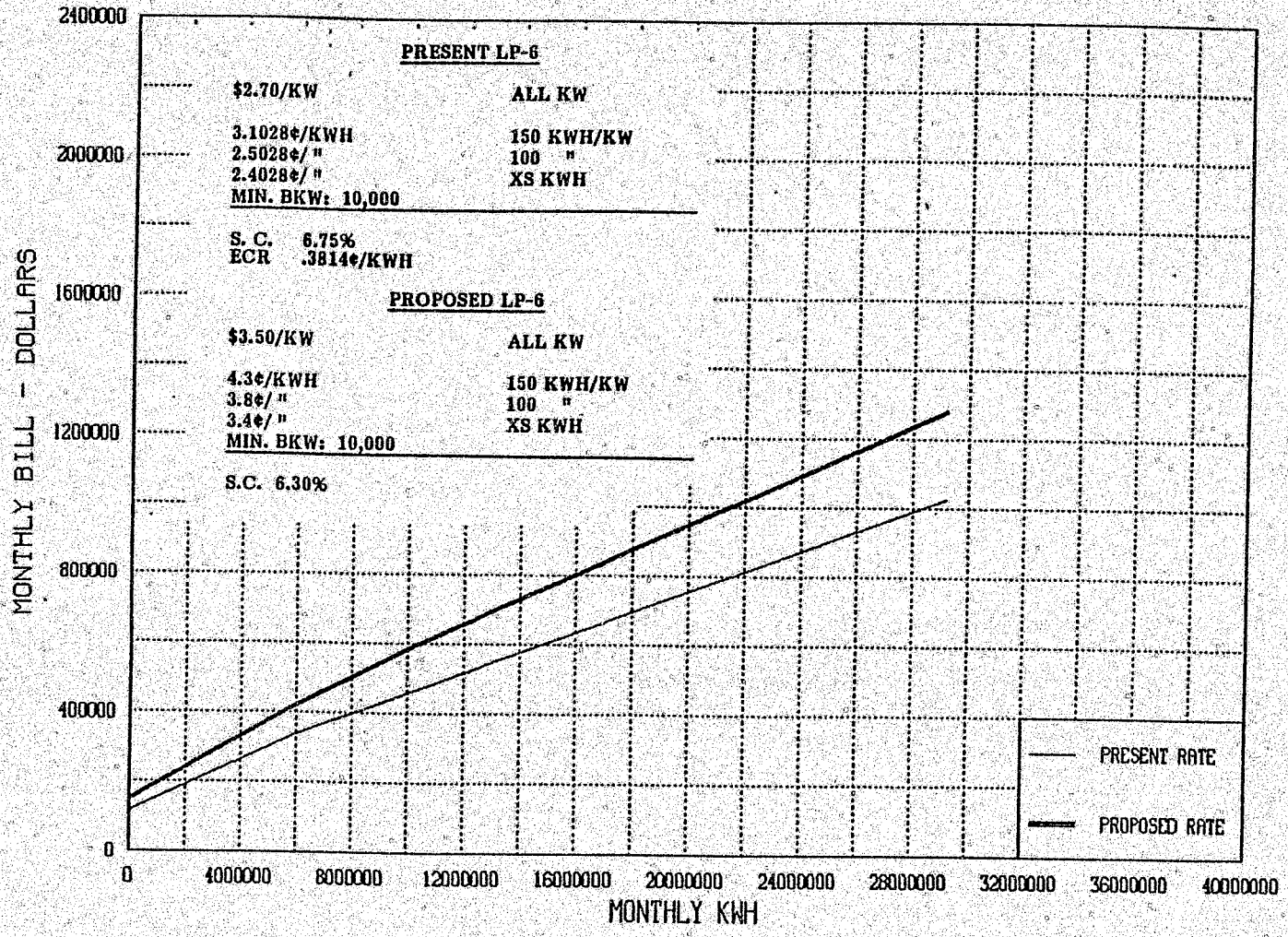
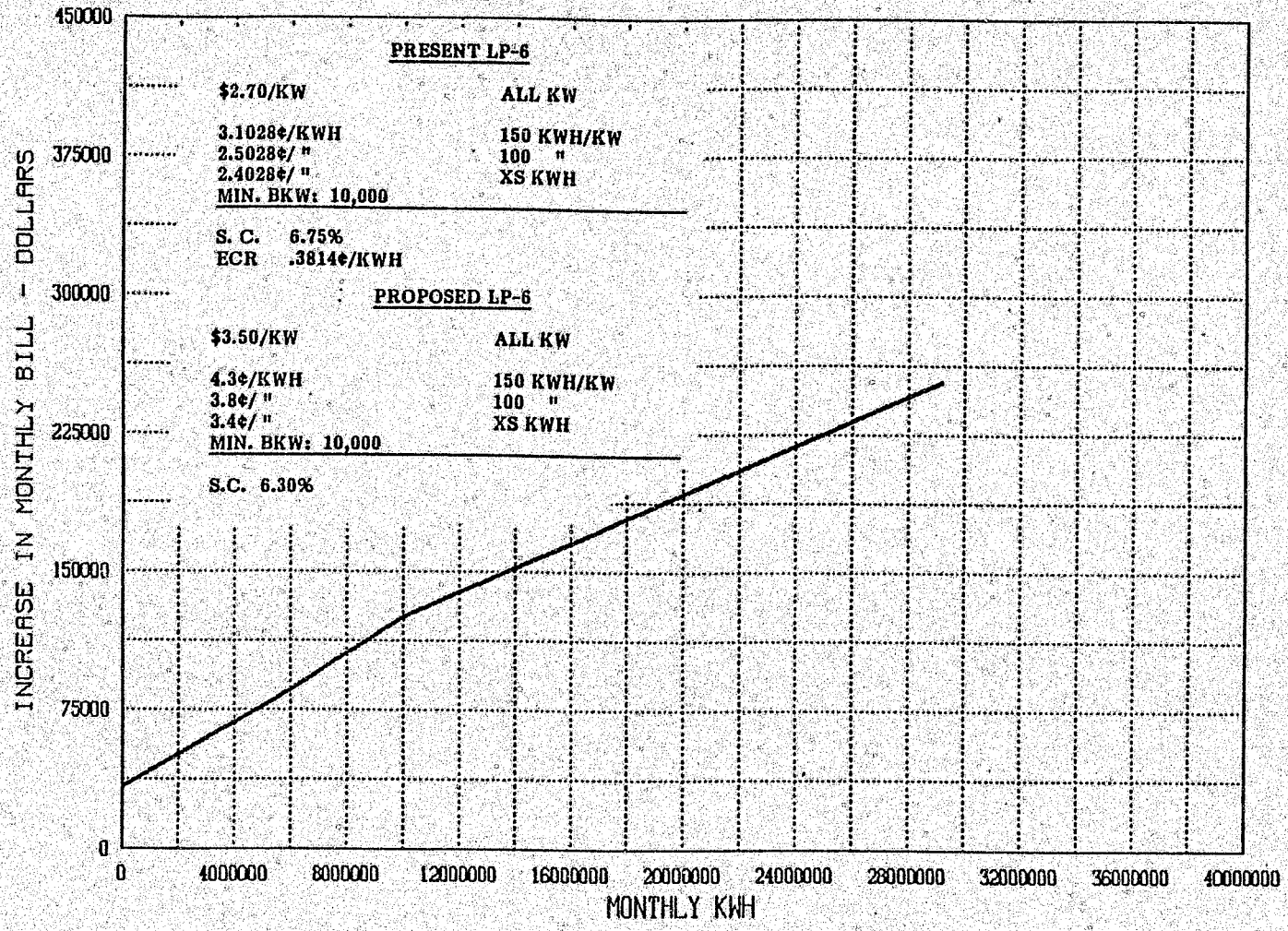
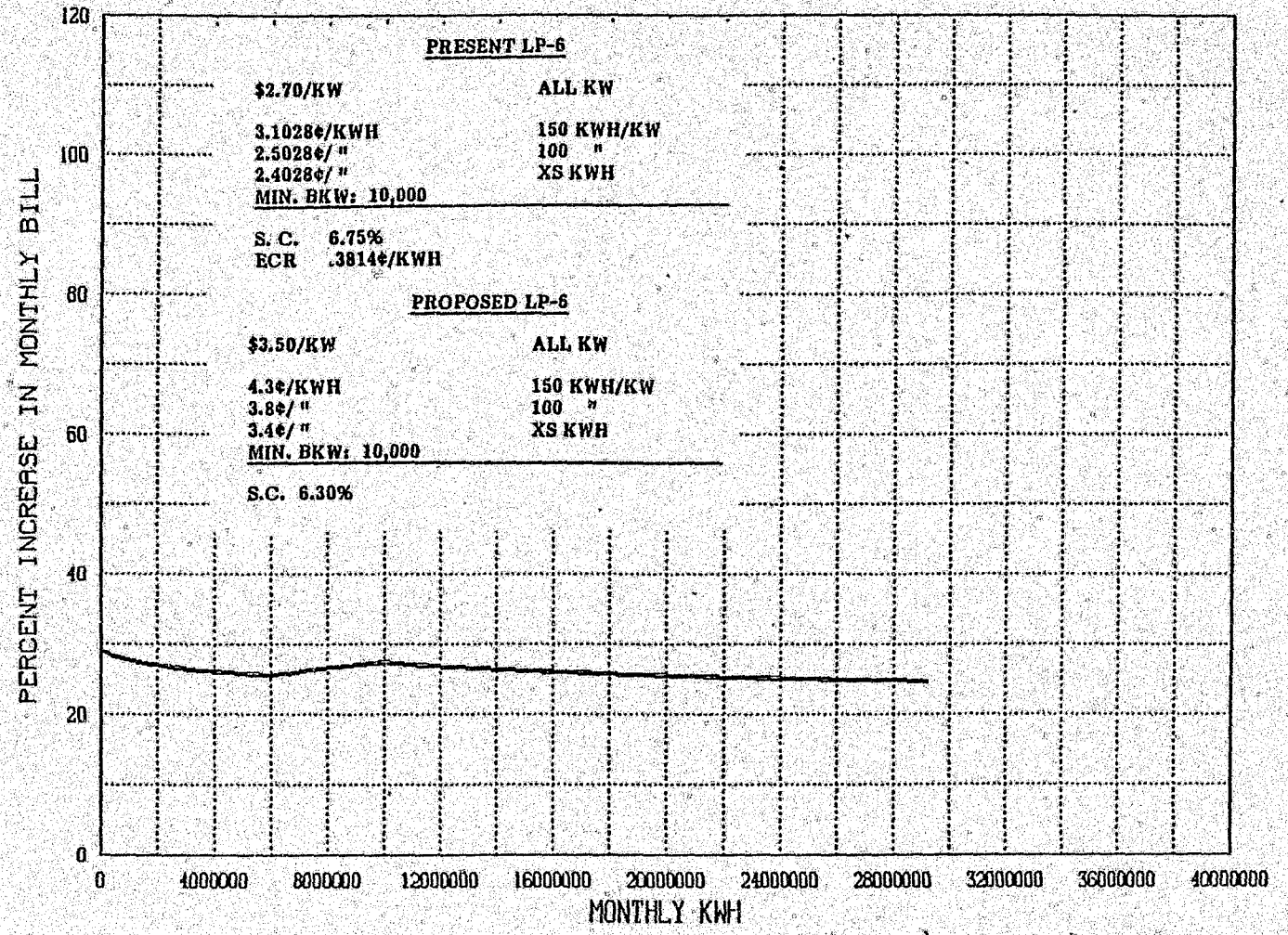


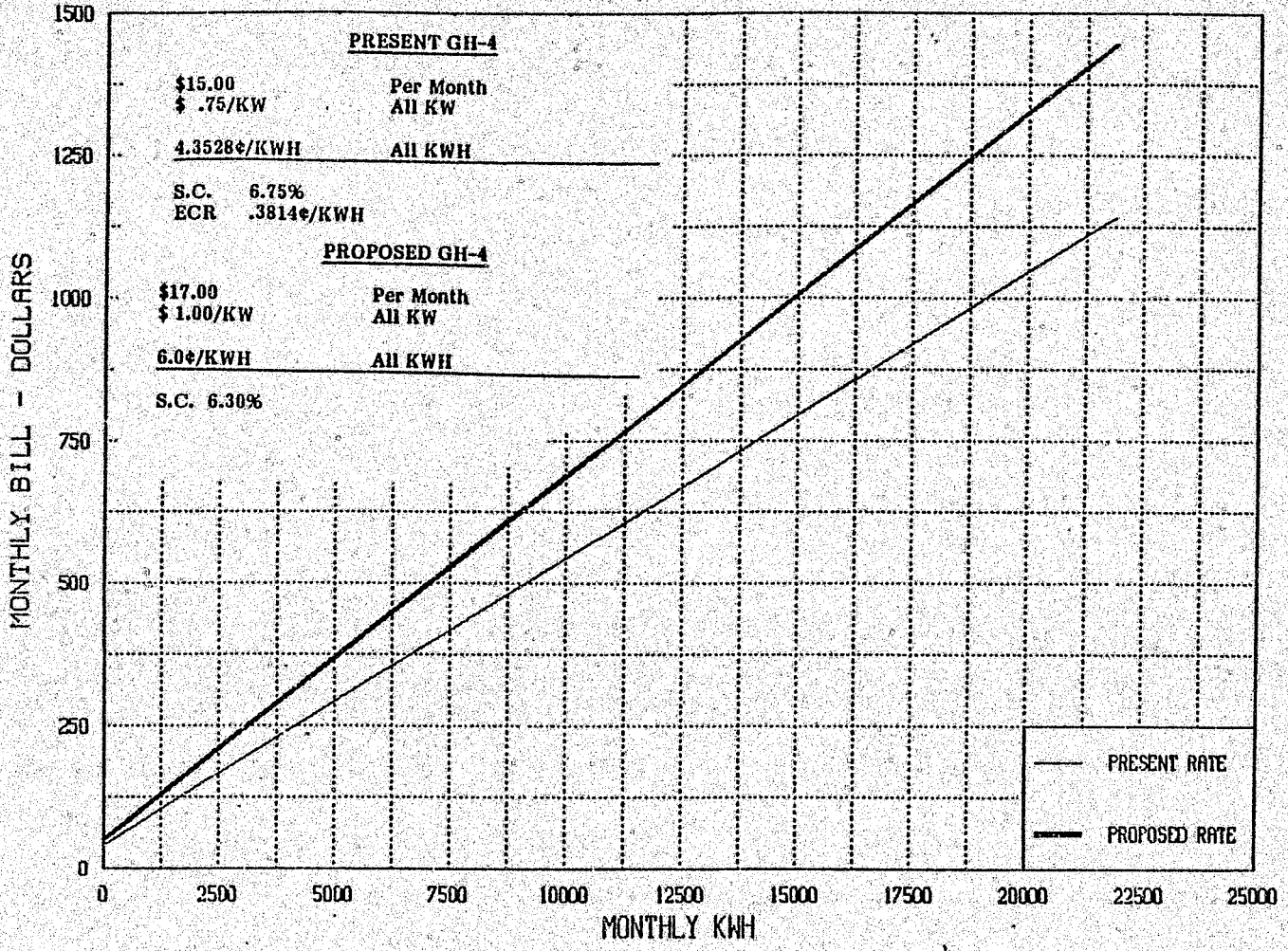
TOTAL REVENUE-PROPOSED LP6 OVER PRESENT LP6 40000KW



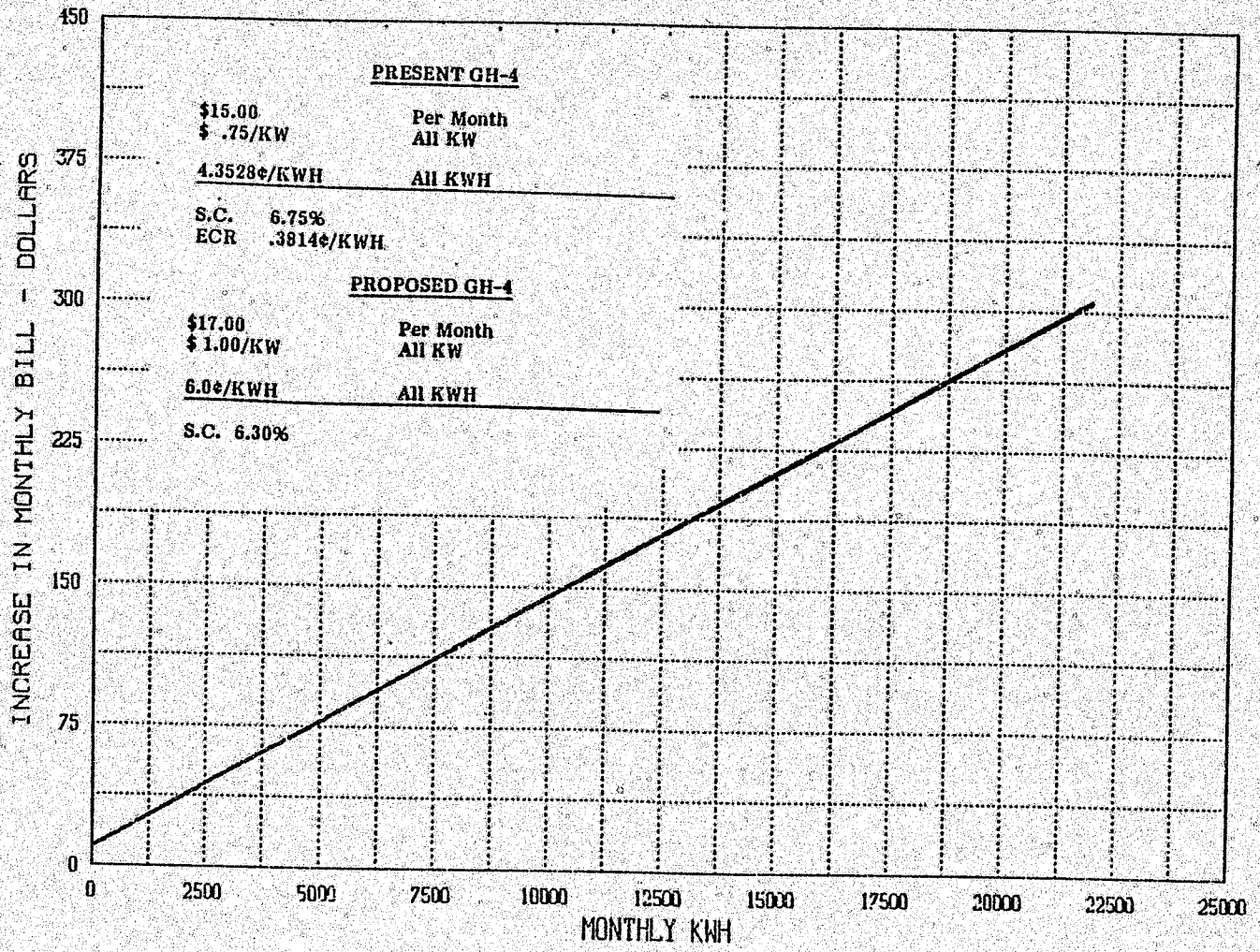
TOTAL REVENUE-PROPOSED LP6 OVER PRESENT LP6 40000KW



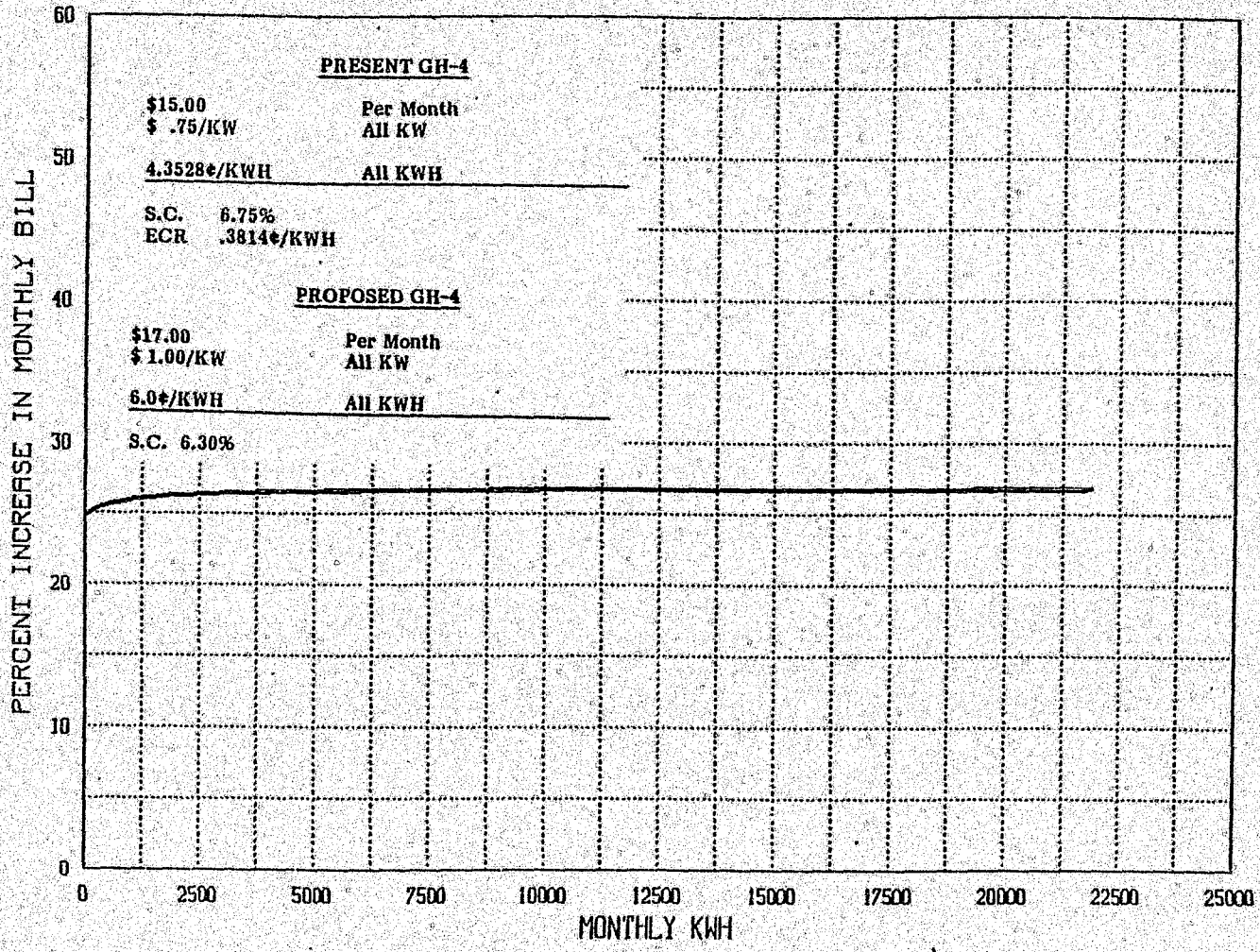
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 30KW



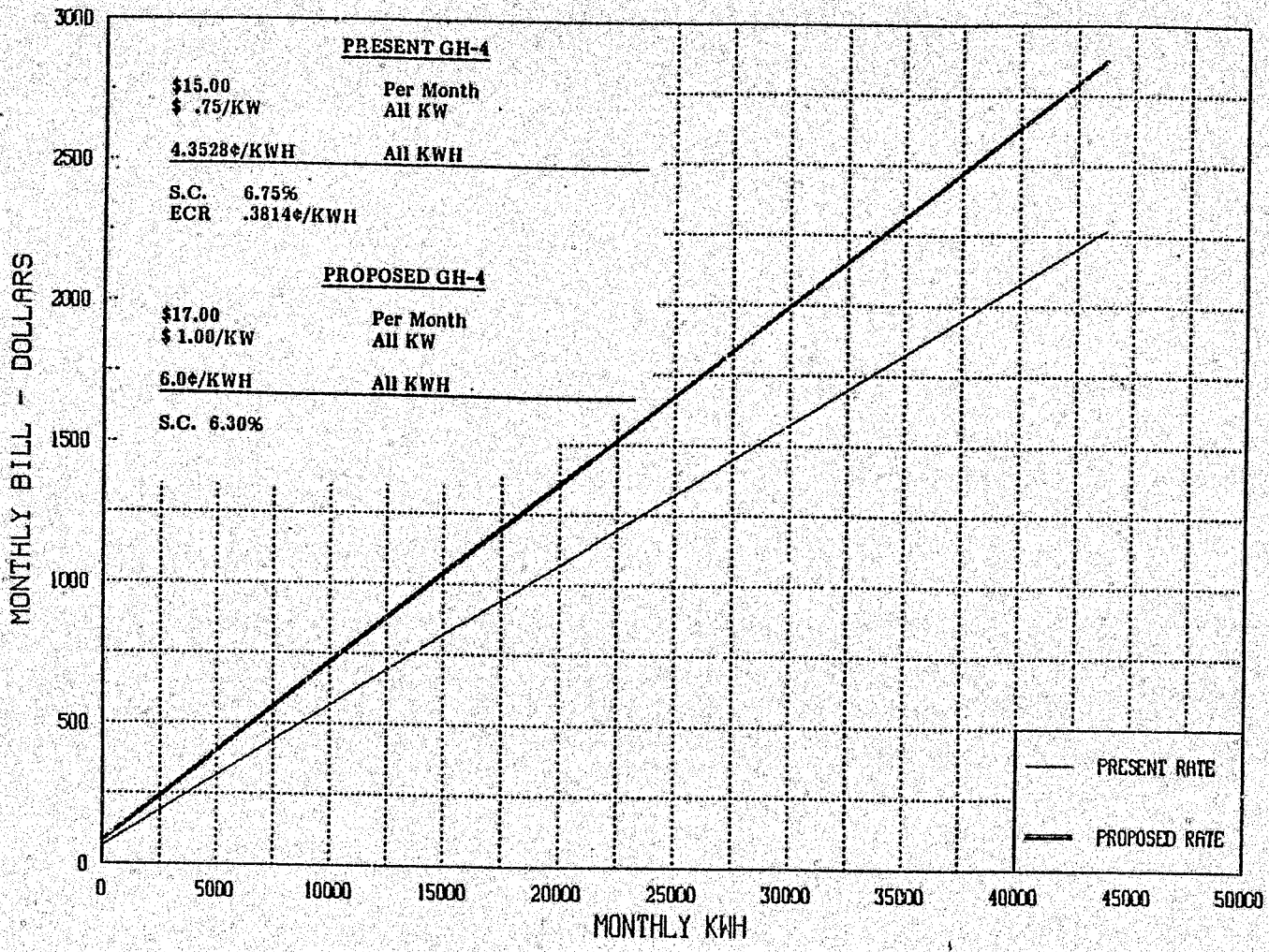
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 30KW



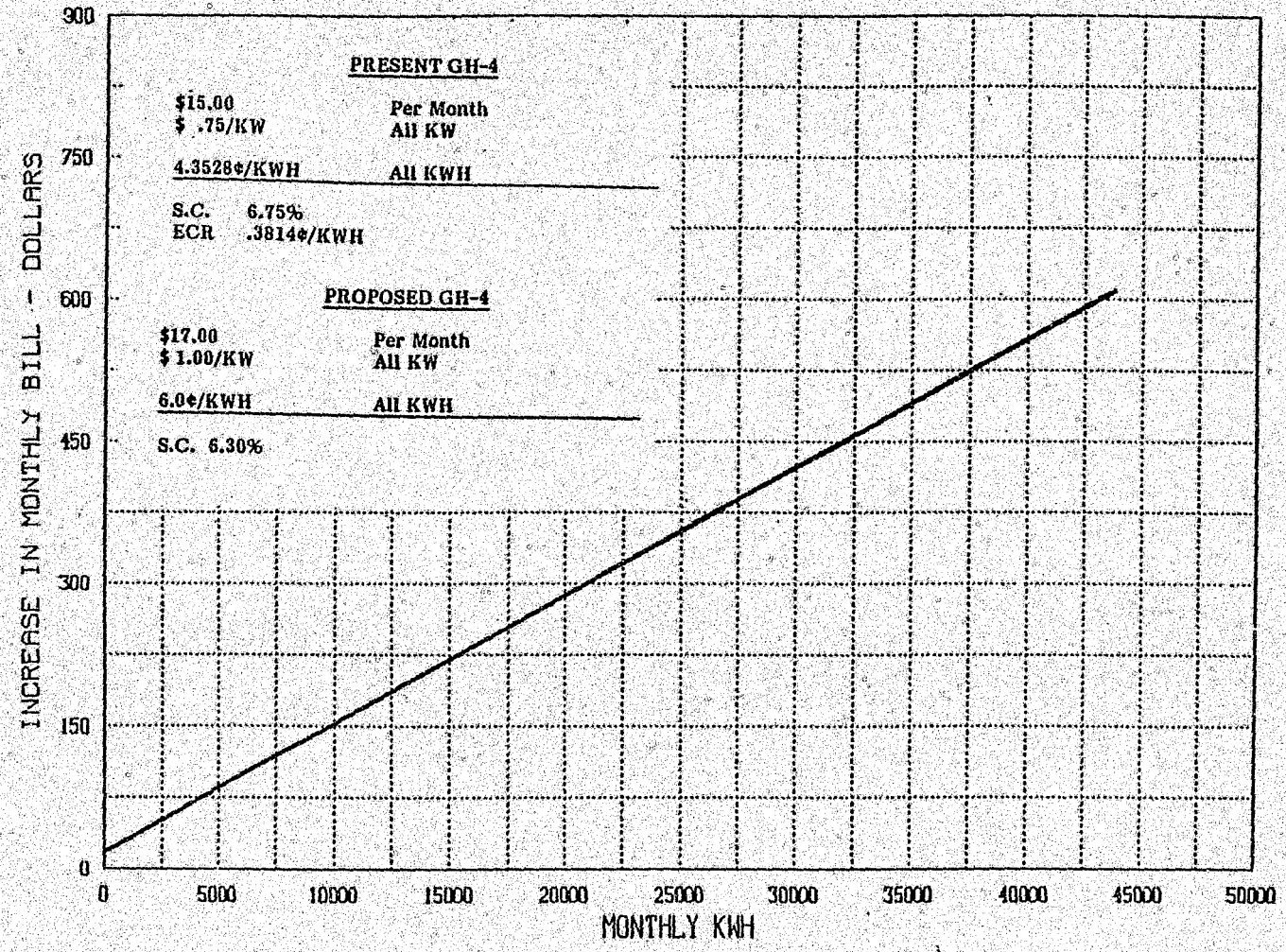
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 30KW



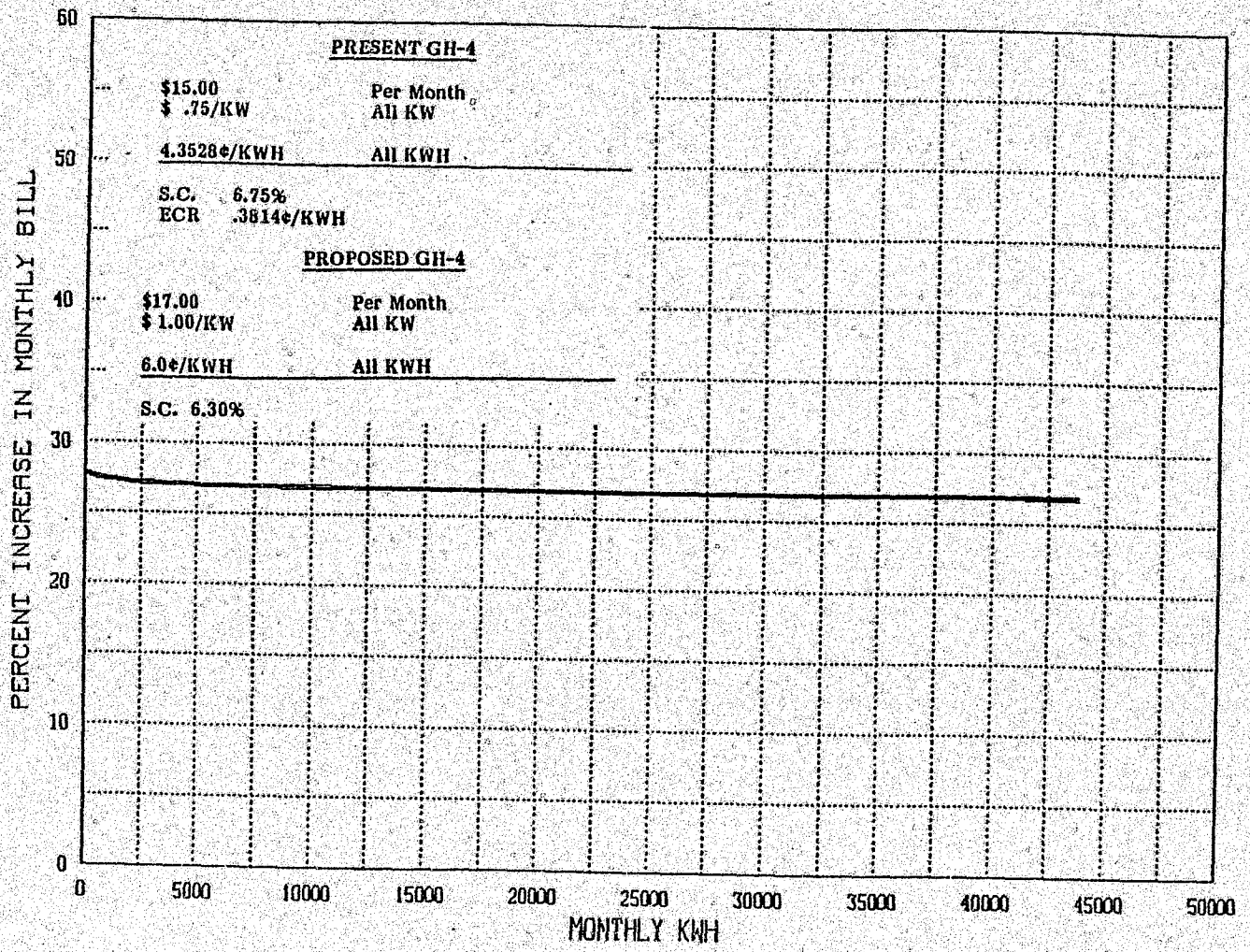
TOTAL REVENUE--PROPOSED GH4 OVER PRESENT GH4 60KW



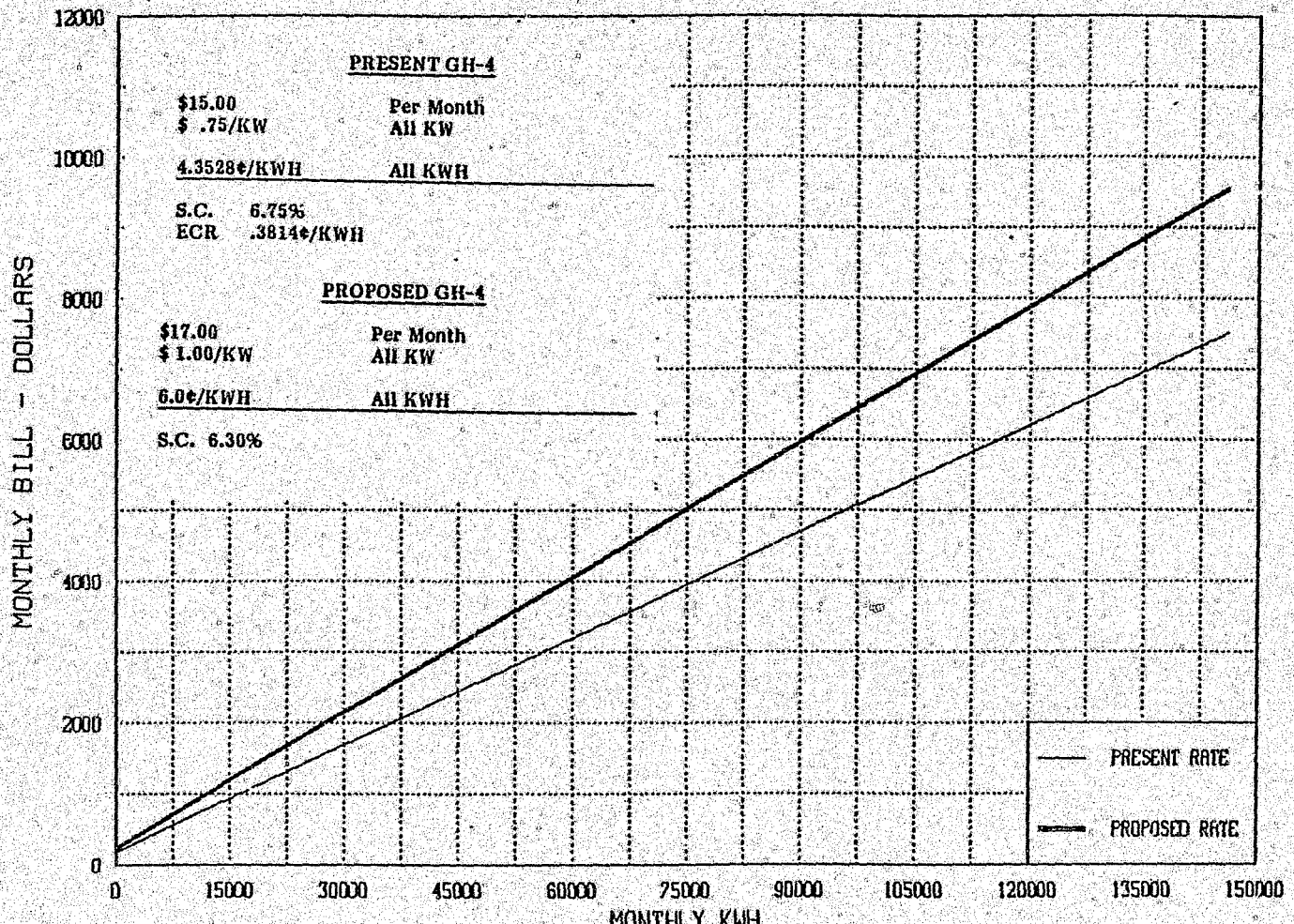
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 60KW



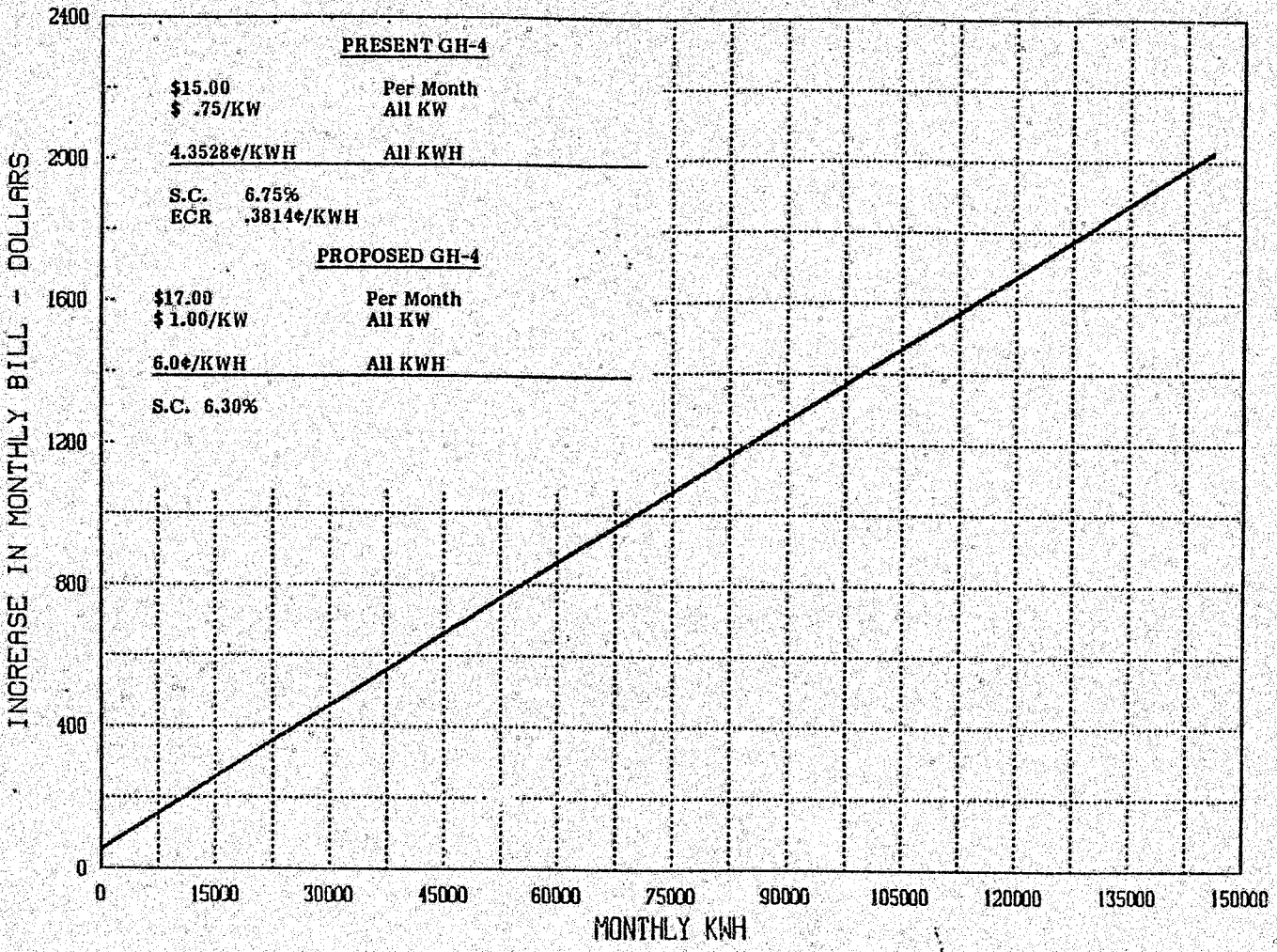
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 60KW



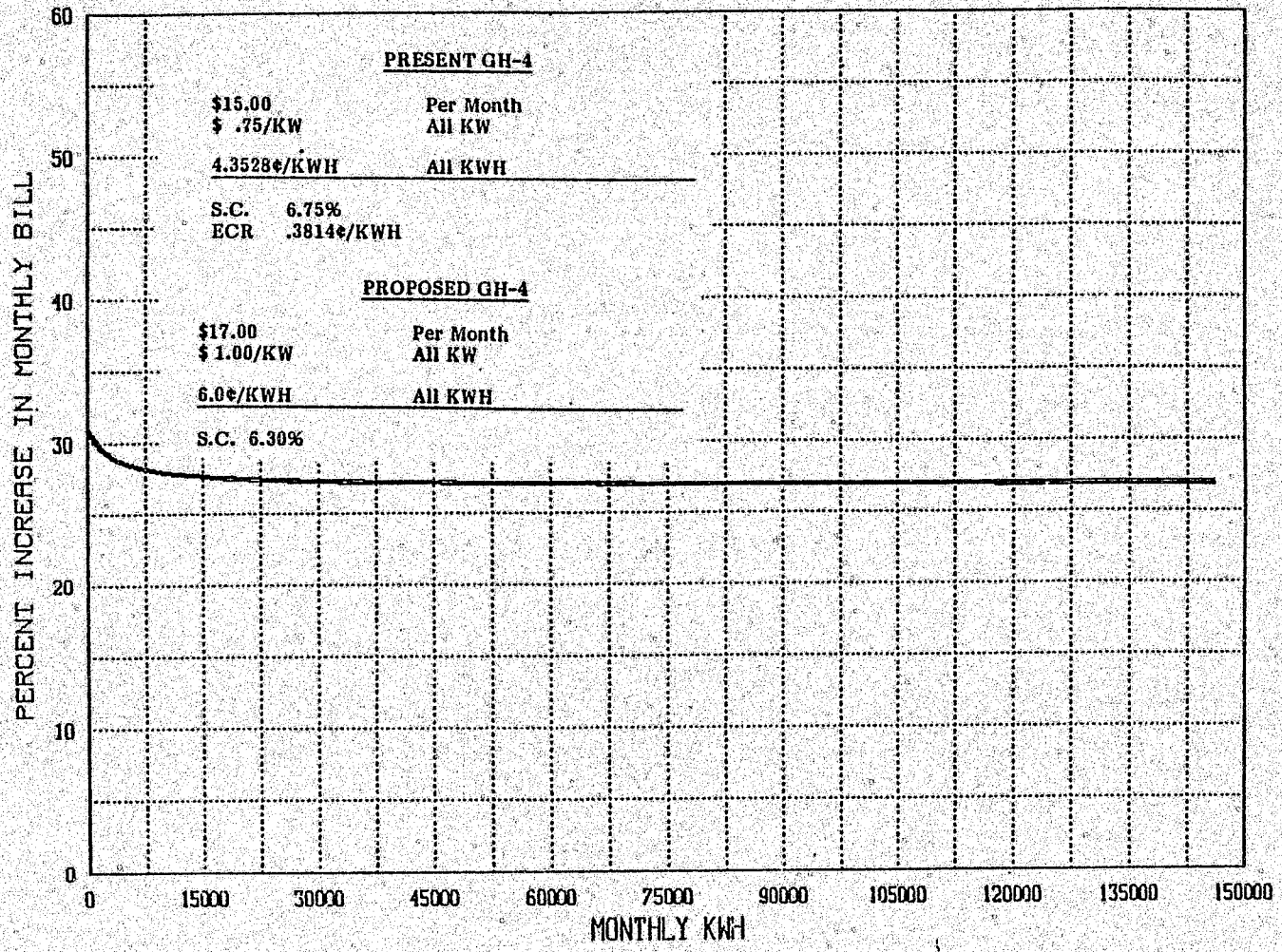
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 200KW



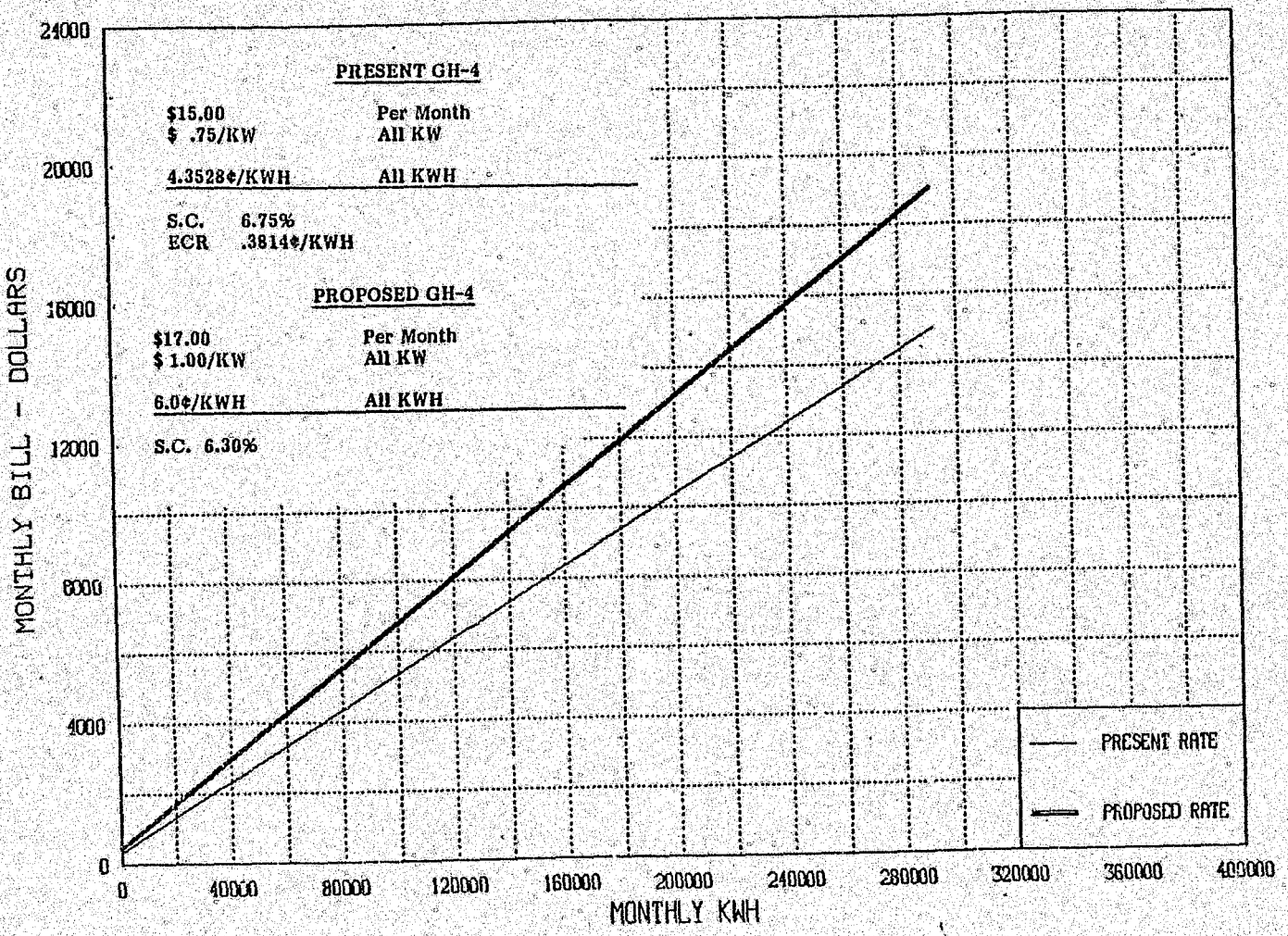
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 200KW



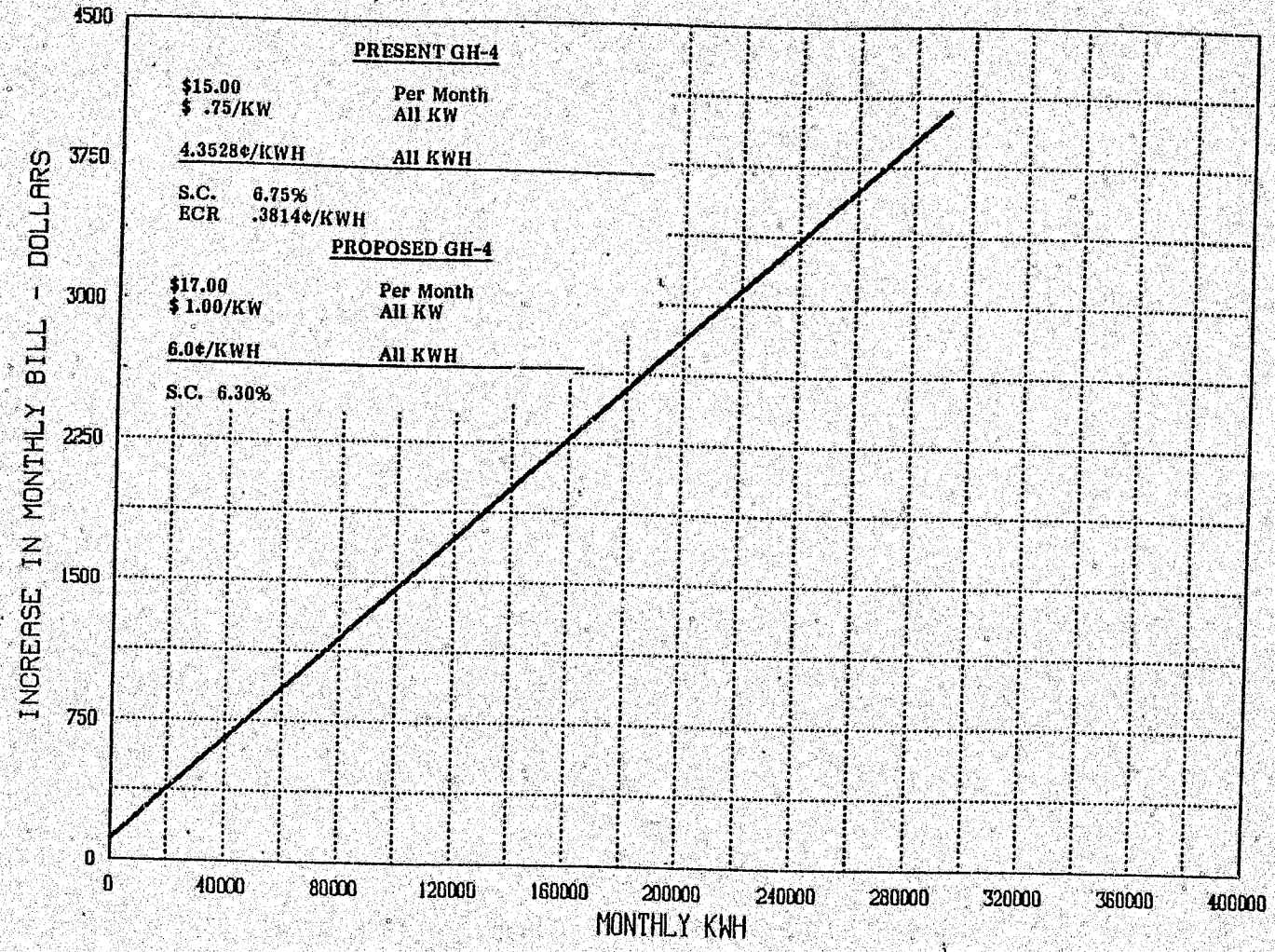
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 200KW



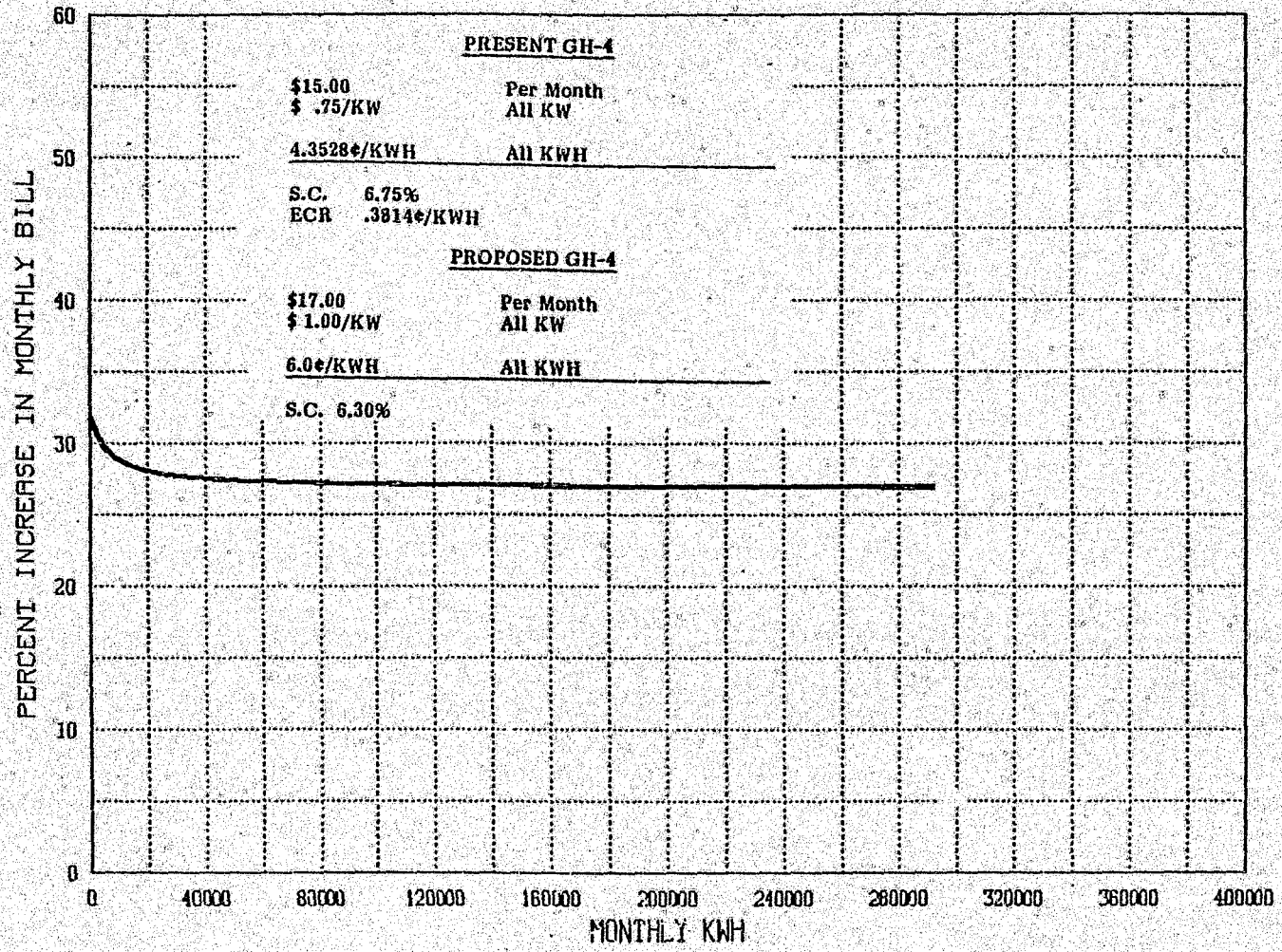
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 400KW



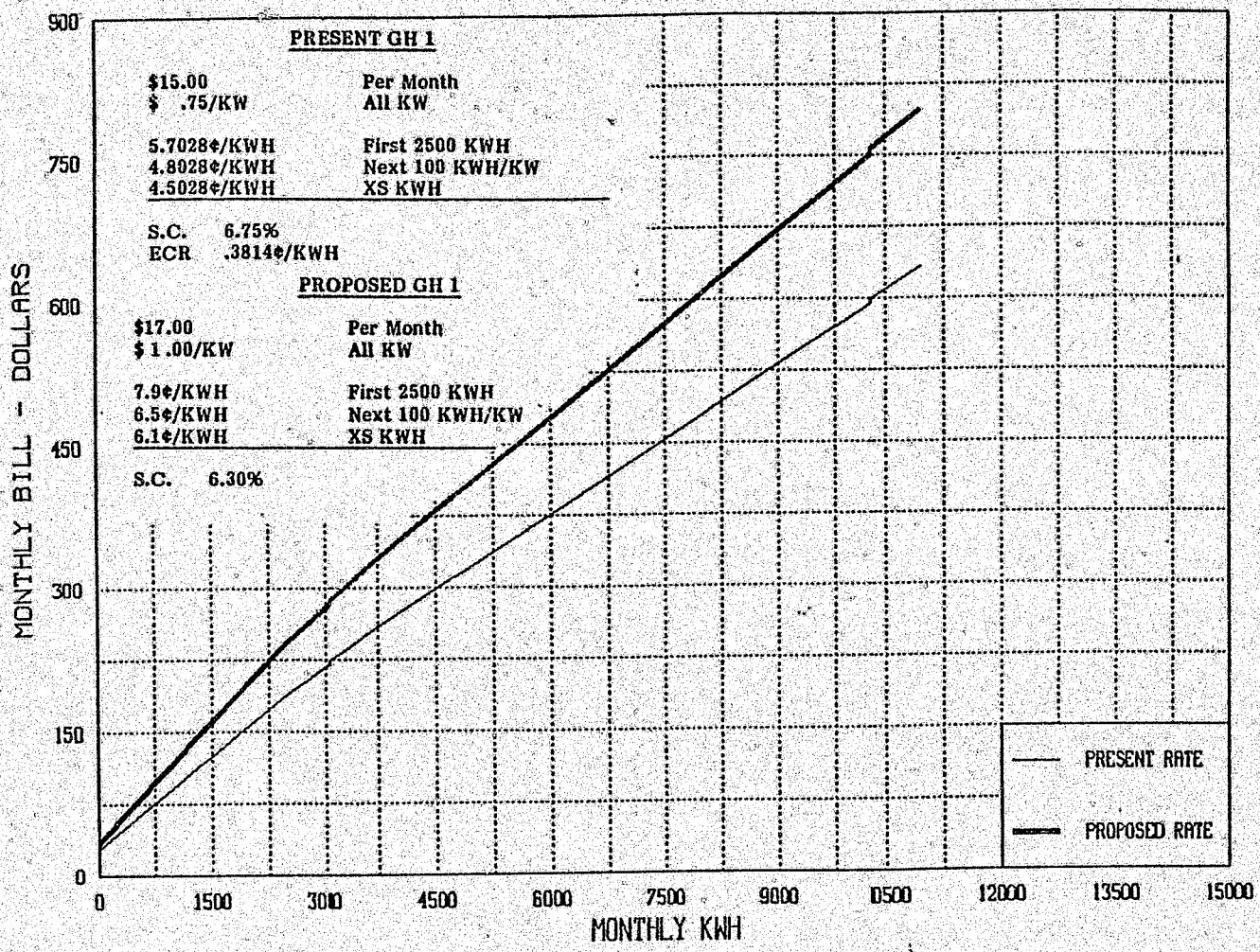
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 400KW



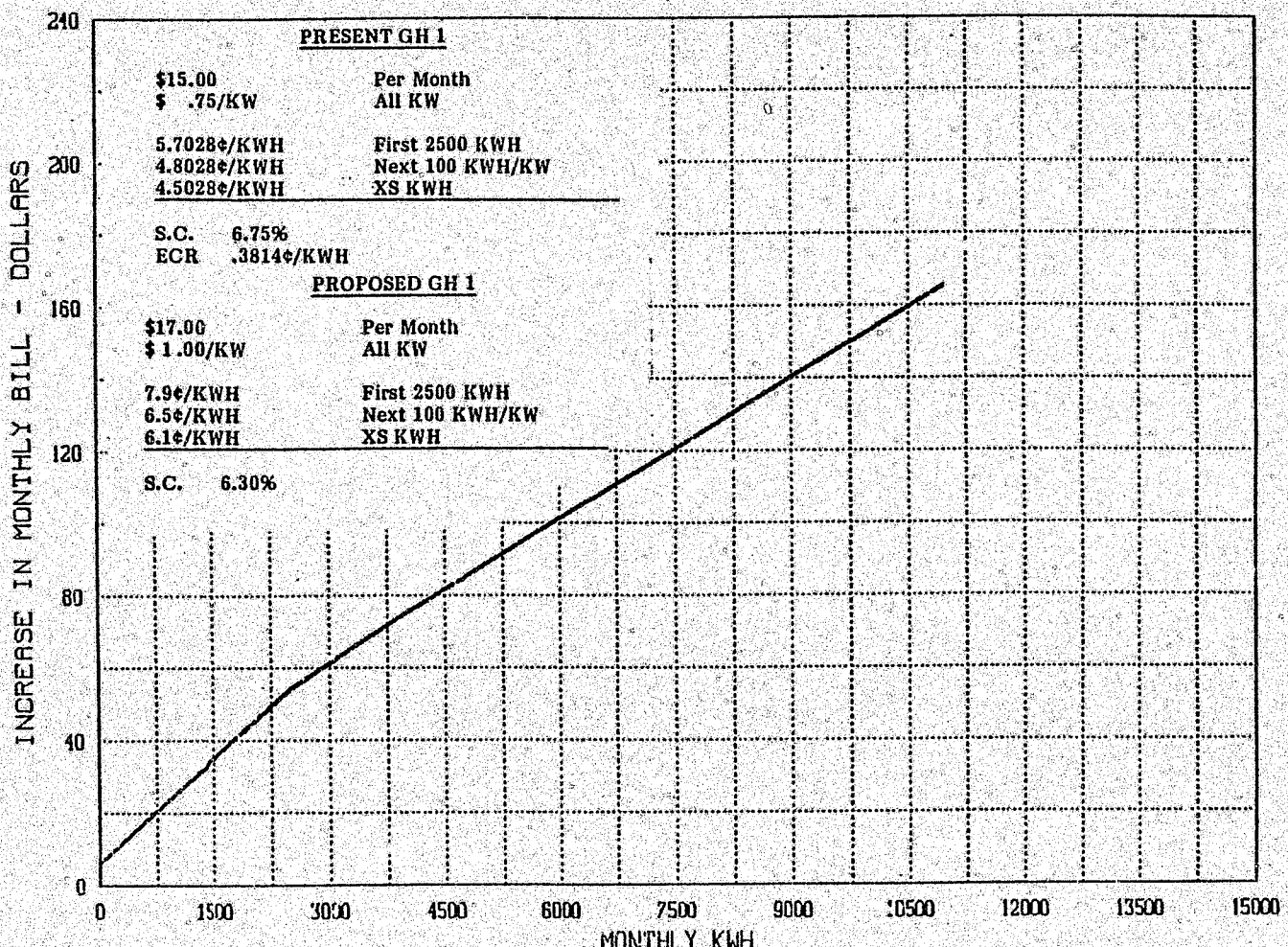
TOTAL REVENUE-PROPOSED GH4 OVER PRESENT GH4 400KW



TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 15KW

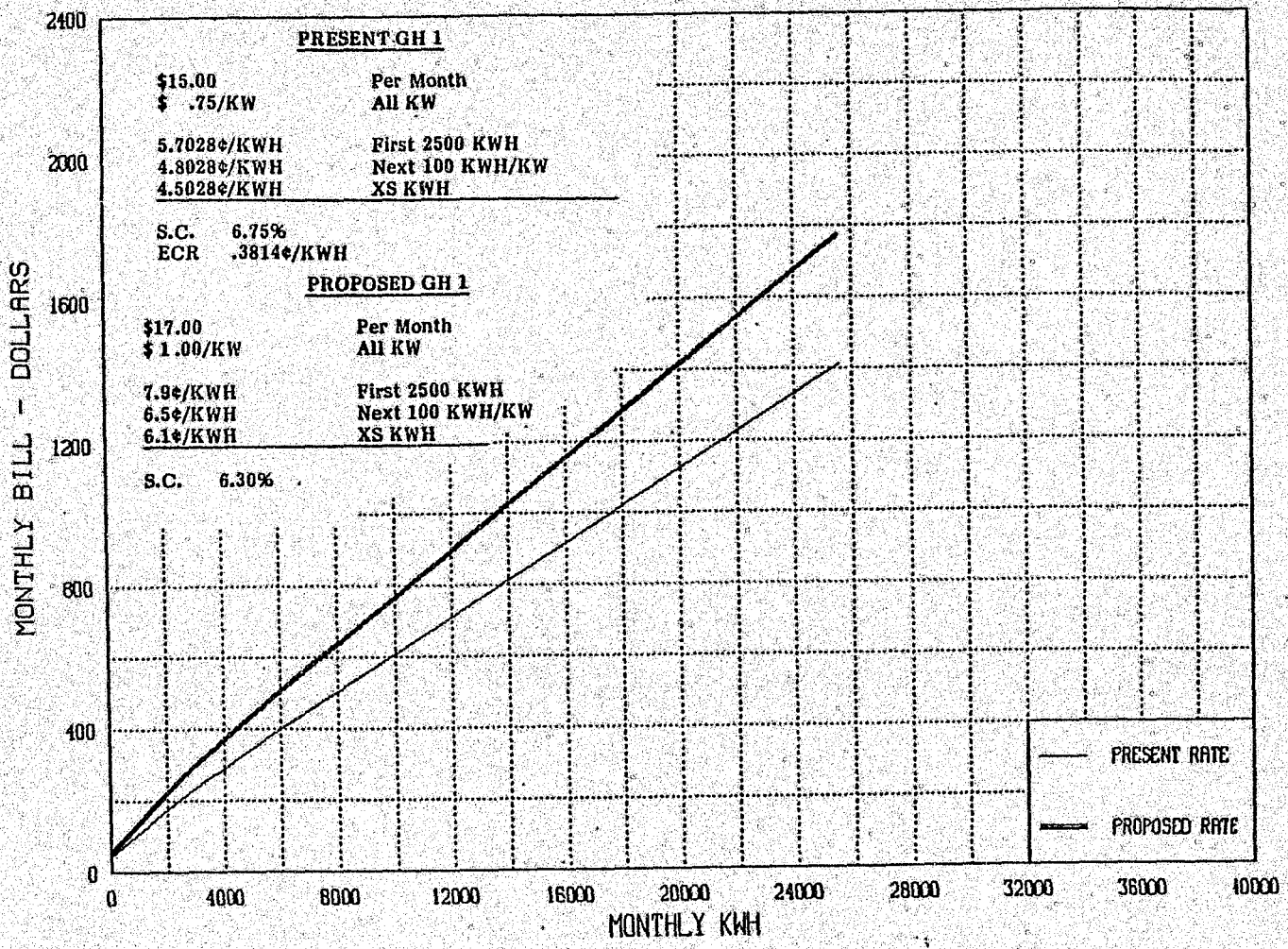


TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 15KW



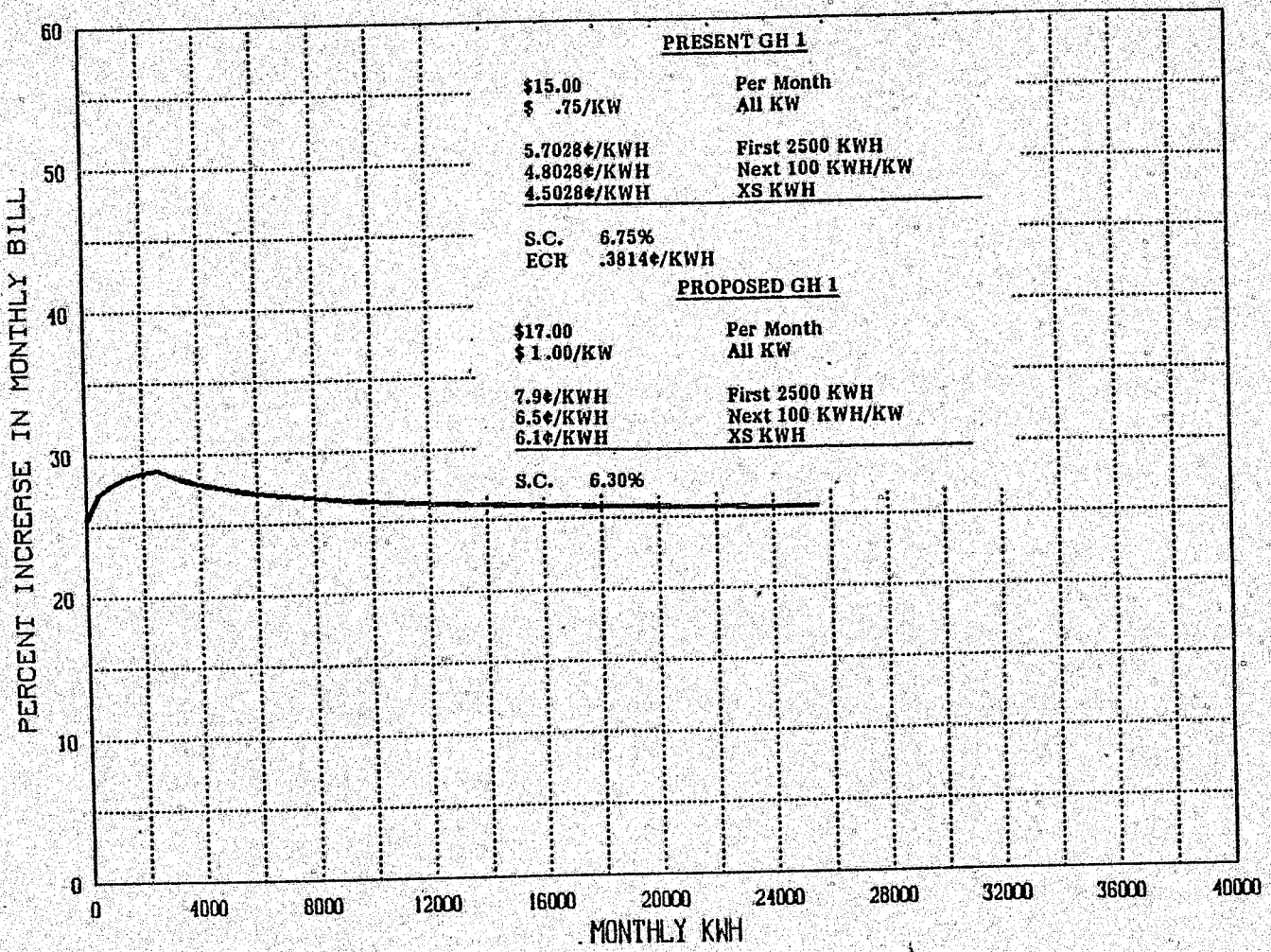
TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 15KW

TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 35KW



TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 35KW

TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 35KW



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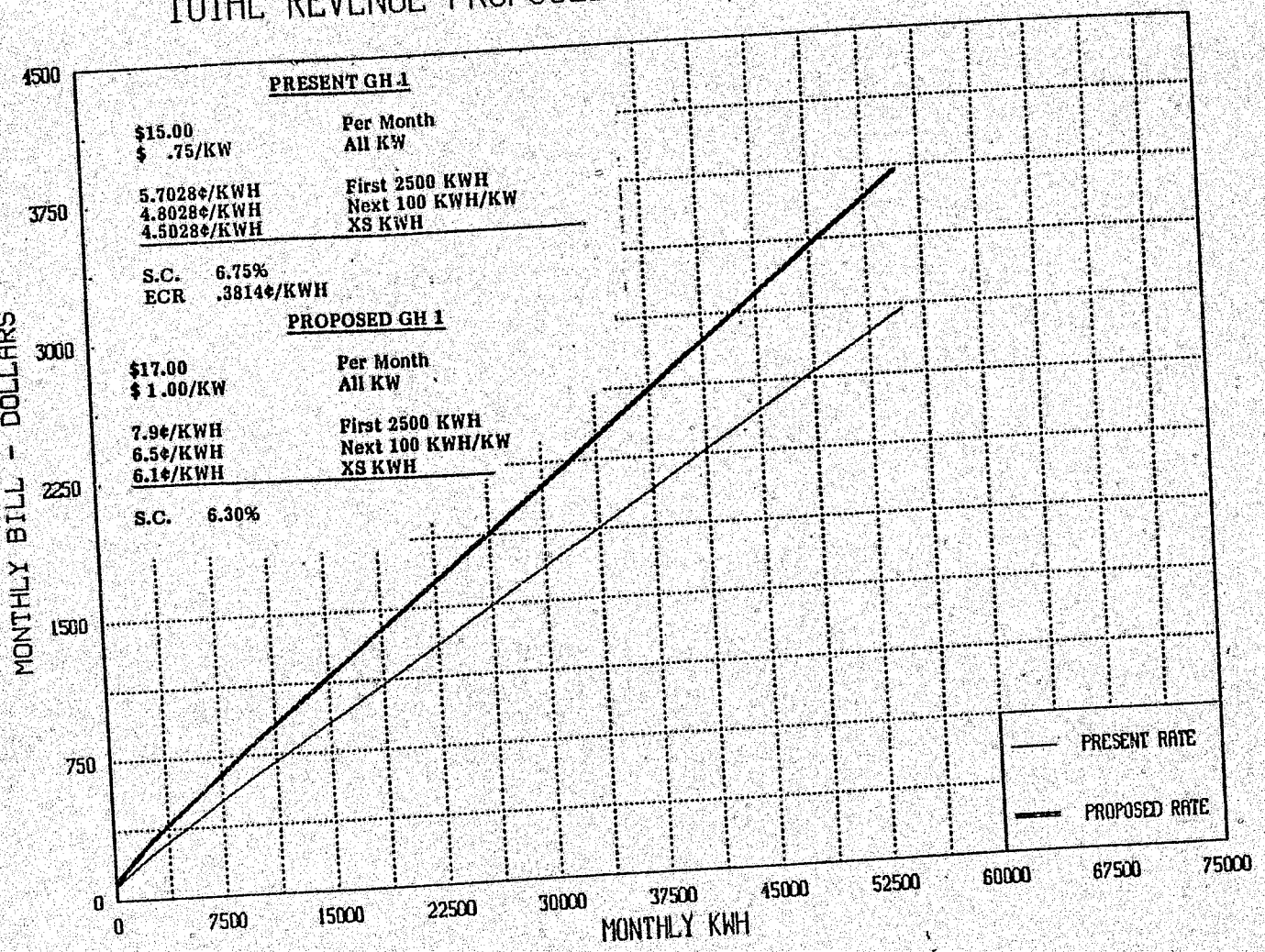
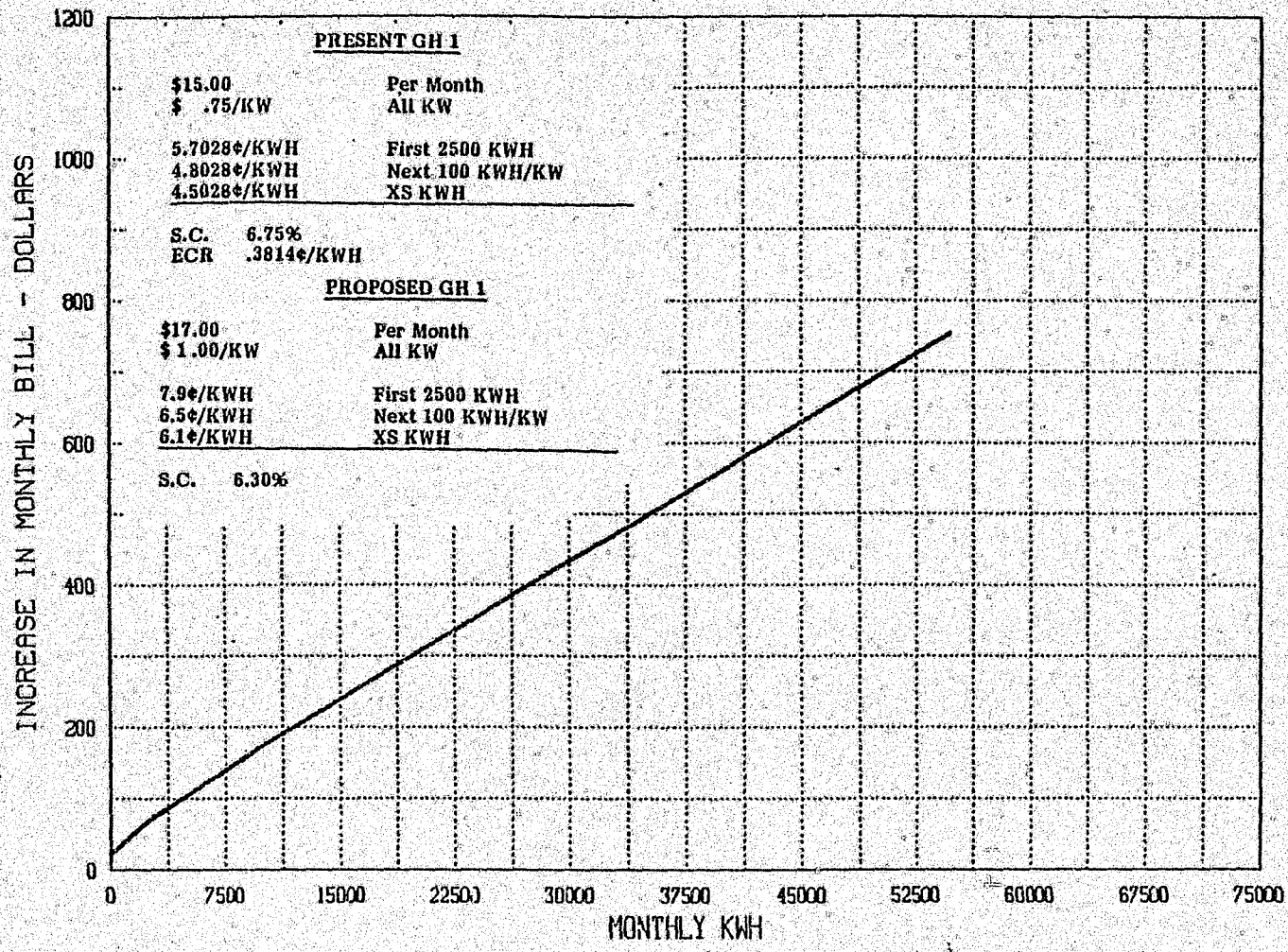
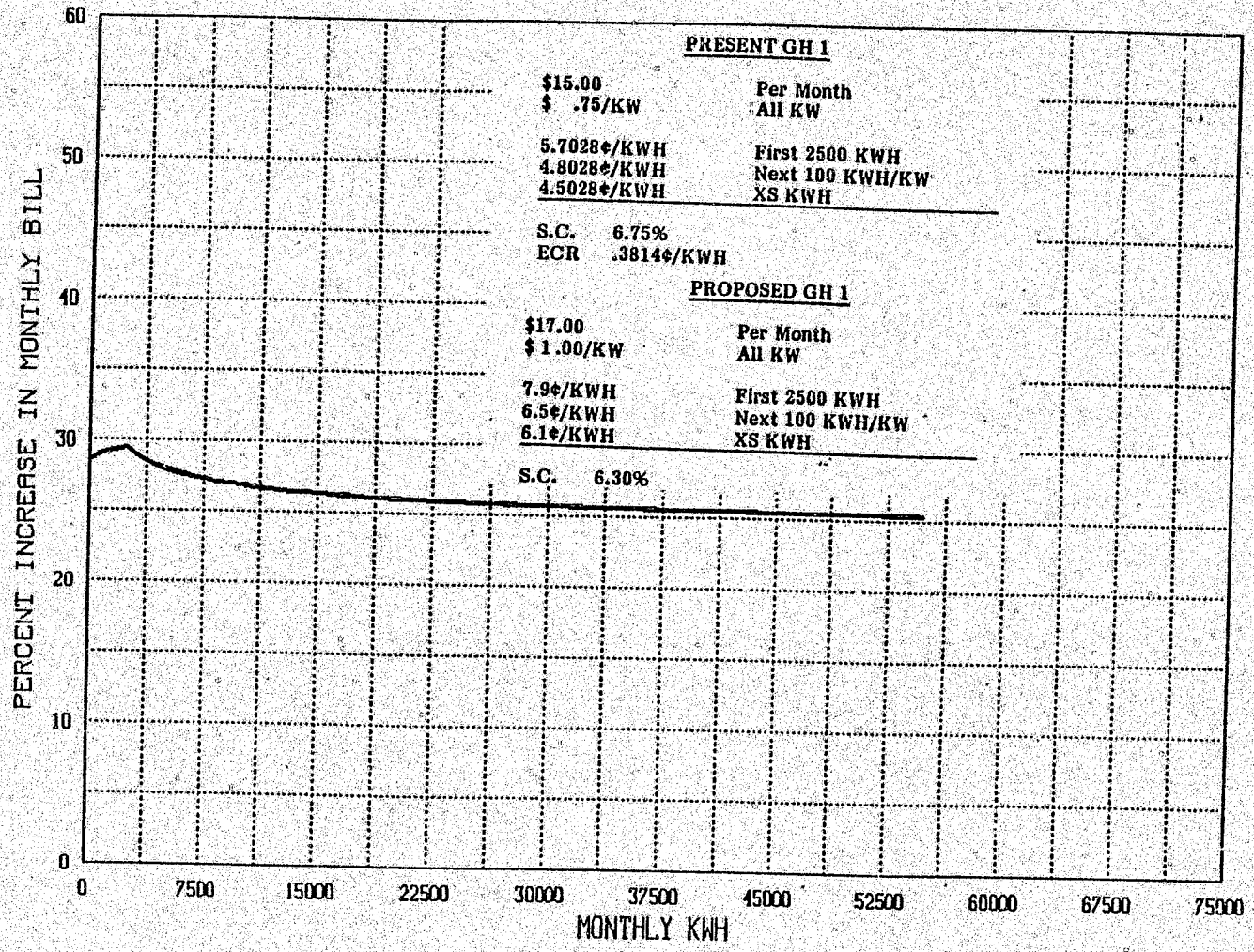


TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 75KW



TOTAL REVENUE-PROPOSED GH1 OVER PRESENT GH1 75KW



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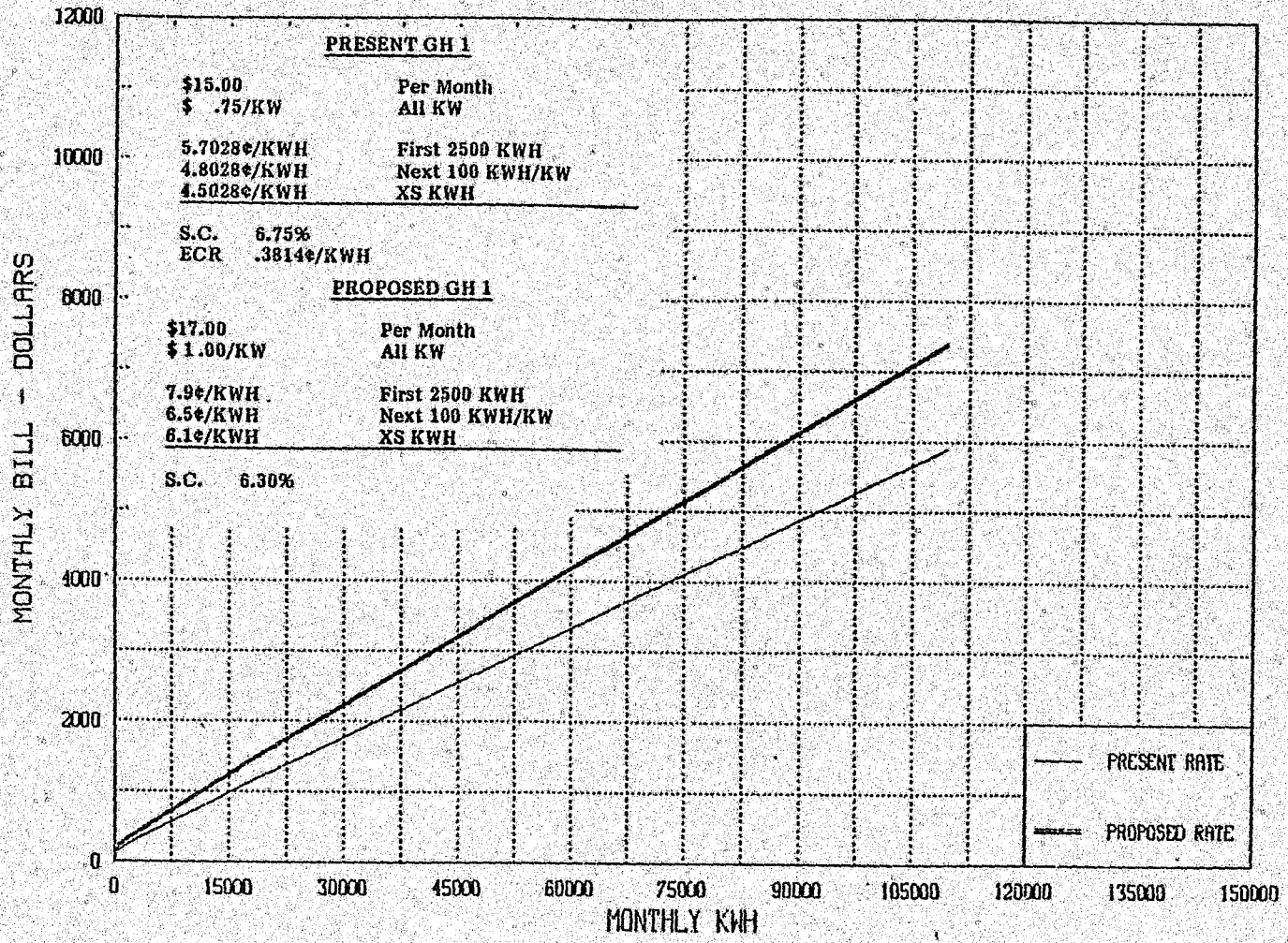

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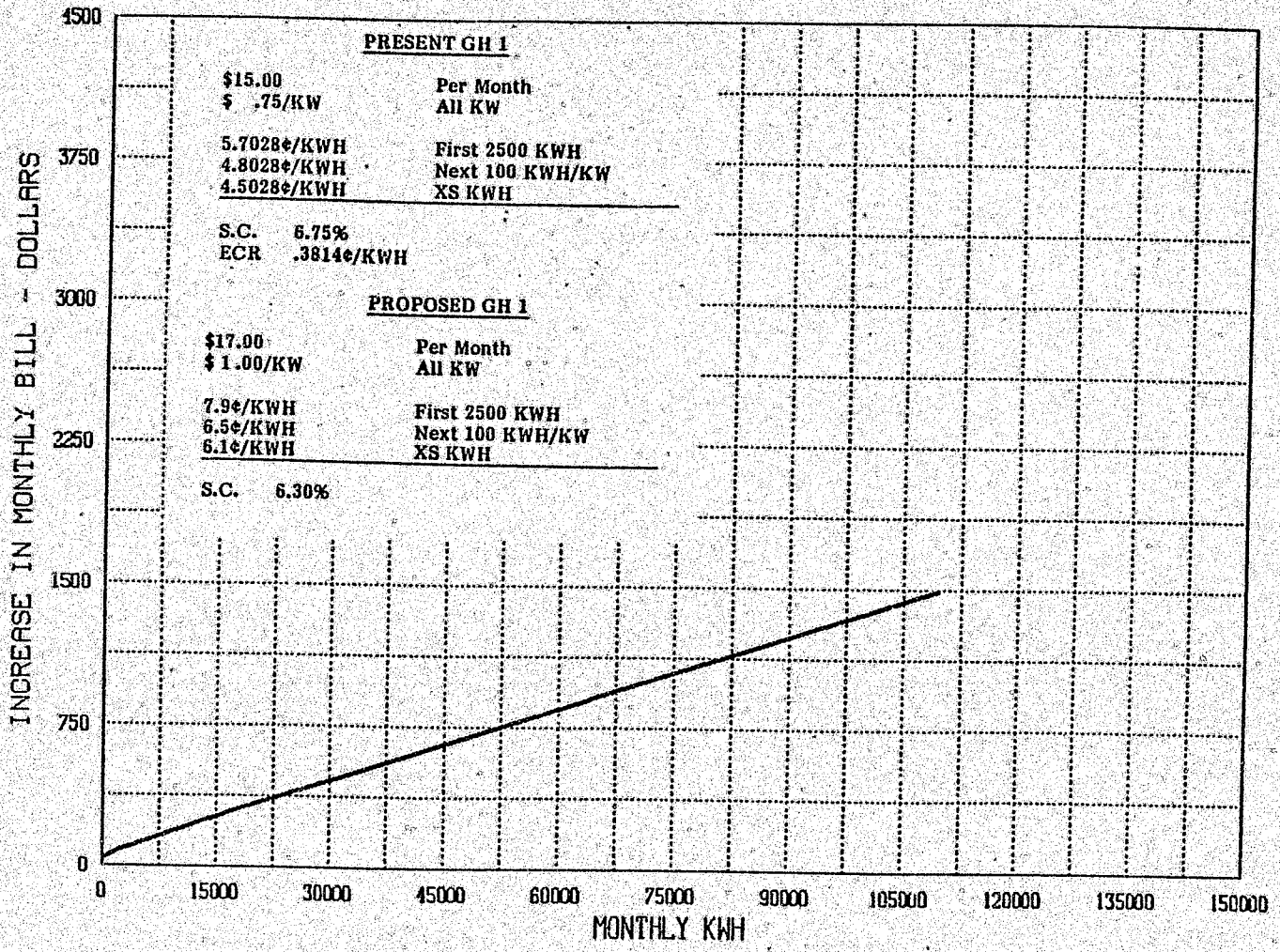

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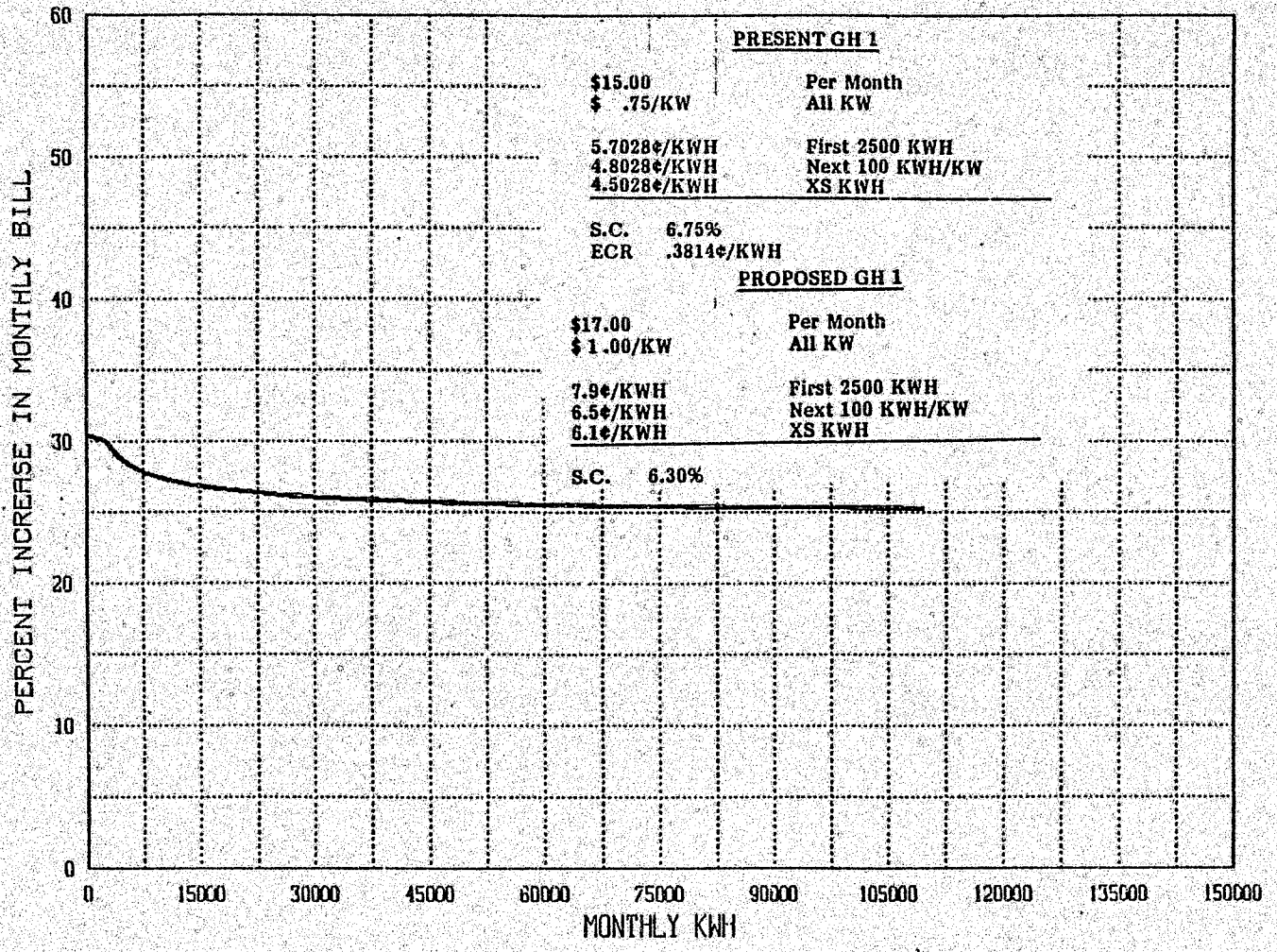

Pennsylvania Power & Light Company

Exhibit MJB 1 - MJB 9

Witness: Michael J. Berish

Docket No. R-822169

Hbg 1/25/83

E. Holbert

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Public Utility Com

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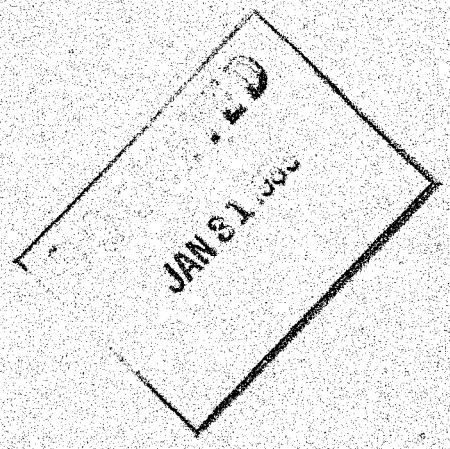

Pennsylvania Power & Light Company

Exhibit MJB 1

Specialized Data Provided For
The Operating Budget

Specialized Data Provided For The Operating Budget

Staff Group	Data Provided
Rates & Market Research	Sales (Electric & Steam) Electric Revenues (Rate, Fuel and Energy, Surcharge) Steam Revenues (Rate, Fuel Adjustment) Other Operating Revenues (Forfeited Discounts) Unbilled Sales and Revenues
Fuels Department	Fuel Prices (Non-Affiliated Sources) Fuel Consumption Expense
Pennsylvania Mines Corporation (PP&L Subsidiary)	Fuel Prices (Affiliated Sources)
Nuclear Fuels	Amortization Nuclear Fuel Financing Cost of Nuclear Fuel in Reactor
System Operating	Station Loading Purchases (Interchange & Other) Sales (Interchange) Capacity Receipts/Charges
Compensation System	Wage Rate Increases (Management/Union)
System Planning	Construction Budget Property Additions & Retirements
Comptroller's Division-Depreciation	Depreciation Expense
Comptroller's Division-Tax Section	Income Tax Provision (Federal & State) Deferred Taxes (Federal & State) Investment Tax Credit Deferrals Investment Tax Credit Amortizations Taxes Other Than Income
Comptroller's Division-Regulatory Accounting	Decommissioning Provision Spent Fuel Provision
Payroll Administration/ Employee Benefits	Employee Benefits Payroll Taxes
Transportation	Fleet Lease Data
Division Operations-Administration	Charitable Contributions
Technology & Energy Assessment	External Research Budget
Insurance	Fire & Casualty Insurance Premiums
Plant Accounting	Meter & Transformer Purchases Atlantic City Electric Revenues

Specialized Data Provided For The Operating Budget

Staff Group	Data Provided
Auditing	Uncollectible Accounts
Treasury	Cash Budget
Finance	Financing
Pennsylvania Electric Co. (Operator-Keystone & Conemaugh)	Keystone and Conemaugh Operating Expenses
Financial Planning	Other Operating Revenue (Excl. Forfeited Discounts) Energy Clause Factors Fuel Adjustment Factors (Electric & Steam) Unbilled Energy Revenue Miscellaneous Receipts (Corporate Cost Area) Miscellaneous Expenses (Corporate Cost Area) Allowance For Funds Used During Construction Income Tax Credits (In Other Income & Ded.) Income From Subsidiaries (In Other Income & Ded.) Other Income-Net (In Other Income & Ded.) Interest Expense Preferred/Preference Stock Dividends Wages and Benefits (Total and To Expense) Fleet Lease Payments Deferred Susquehanna Operating Costs Deferred Susquehanna Return Costs

Pennsylvania Power & Light Company

Exhibit MJB 2

Cost Areas - March 29, 1982

COST AREAS

March 29, 1982

Number	
001	PRESIDENT
002	Corporate Planning
003	Technology & Energy Assessment
005	Auditing
010	Special Office of the President-Susquehanna
020	Executive Vice President-Operations
	FINANCIAL
100	Department Administration
105	Comptroller
110	General Accounting
112	Records Management
115	Financial Reporting
120	Plant Accounting
130	Customer Accounting
140	Systems & Programming
145	Corporate Telecommunications
150	Computer Services
170	Purchasing
180	Stores
190	Treasury
195	Finance
	HUMAN RESOURCE & DEVELOPMENT
200	Department Administration
210	Legal
215	Regulatory Affairs
220	Corporate Communications
	Personnel
230	Administration
235	Training & Development
240	Personnel Placement
241	Susquehanna Project Placement
245	Compensation Systems
260	Personnel Relations
265	Steno Clerical Replacements & Co-ops
270	Safety
275	Union Relations
280	Public Affairs
285	Corporate Security
	NUCLEAR DEPARTMENT
400	Department Administration
430	Nuclear Quality Assurance
431	Nuclear Safety Assessment
440	Nuclear Project Management
442	Project Management-Susquehanna-Site
444	Nuclear Plant Engineering
446	Project Management-Susquehanna-Allentown
447	Nuclear Licensing
448	Nuclear Planning & Controls
450	Nuclear Operations
451	Nuclear Support
452	Nuclear Training
453	Nuclear Administration
	Susquehanna S.E.S.
458	Plant Security
459	Personnel & Administration
460	Instrumentation & Control
461	Health Physics
462	Technical
463	Maintenance
464	Operations
465	Plant Management
466	Integrated Start-up Group
470	Nuclear Fuels

Number	
	SYSTEM POWER & ENGINEERING
500	Department Administration
	Engineering & Construction-SP&E
510	Administration
512	Project Management
514	Environmental Management
	Bulk Power Engineering
519	Bulk Power Engineering Administration
520	Bulk Power Siting
526	Substation Engineering
527	Transmission Engineering
531	Relay & Control Engineering
533	Bulk Power Engineering Development
	Engineering Services
540	Administration
541	Drafting
542	Surveying
543	Design Drafting - Nuclear
544	Right of Way
546	Files and Reproductions
	Construction
550	Administration
551	Construction Operations - South
552	Construction Operations - North
553	Construction Operations-Susquehanna
554	Services
	Power Plant Engineering
560	Power Plant Engineering Administration
562	Power Plant Additions
564	Power Plant Engineering Development
605	System Planning
	Power Production
610	Administration
615	Personnel & Training
630	Montour
631	Sunbury
632	Martins Creek
634	Keystone
635	Conemaugh
636	Holtwood Steam
639	Brunner Island
640	Combustion Turbines
642	Holtwood Operations
643	Holtwood Hydro
644	Wallenpaupack Hydro
647	Walnut Steam Heat
652	Mechanical Tests
653	Chemical Laboratory
	System Operating
660	System
661	Local
664	Electrical Tests - Administration & Insulation
665	Electrical Tests - Relay
666	Electrical Tests - Electronic & Communications
667	Electrical Tests - Computer Maintenance
670	Fossil Fuels and Mining
699	Direct Cost of Power

Number	
	DIVISION OPERATIONS
700	Department Administration
780	Transportation Administration
781	Transportation Engineering
785	Transportation Maint. Operations
791	Allentown Garage
792	Hazleton Garage
793	Sunbury Garage
794	Montoursville Garage
795	Harrisburg Garage
796	Lancaster Garage
797	Scranton Garage
798	Field Maintenance
799	Equipment Garage
	Consumer & Community Services
706	Administration
701	Market Research
702	Rates Department
703	Community Services
704	Conservation Services
705	Customer Services
	Real Estate
707	Real Estate
708	General Office Building Operation
	Distribution Office
800	Distr. Administration
801	Distr. Line Services
802	Distr. Engineering
805	Distr. Substation Services
806	Distr. Development
807	System Meters
	Lehigh Division
710	Administration
711	Conservation Services-Administration
712	Conservation Services-Industrial & Commercial
713	Community Service
714	Conservation Services-Residential
715	Building Services
	Customer Service
716	Administration
717	Customer Contacts
718	Division Metering
719	Meter Reading & Service
	Distribution
810	Administration
814	Engineering
817	Buxmont Area
819	Substations & Underground Crews
910	Production Services
911	Temporary Line Crews
914	Allentown Line Crews
915	Bethlehem Line Crews
916	Catasauqua Line Crews
917	Buxmont Line Crews
	Central Division
720	Administration
721	Conservation Services
723	Community Service
725	Building Services
729	Customer Service
	Distribution
820	Administration
824	Engineering
825	Schuylkill Area
826	Wilkes-Barre Area
828	Hazleton Area
829	Substations & Underground Crews
920	Production Services
921	Temporary Line Crews
923	Shamokin Line Crews
924	Frackville Line Crews
925	Pottsville Line Crews
926	Wilkes-Barre Line Crews
927	Panther Valley Line Crews
928	Hazleton Line Crews

Number	
	Susquehanna Division
740	Administration
741	Conservation Services
743	Community Service
749	Customer Service
	Distribution
844	Engineering-Administration
845	Sunbury Area
846	Bloomsburg Area
847	Lock Haven Area
848	Williamsport Area
849	Substations & Underground Crews
940	Production Services
941	Temporary Line Crews
945	Sunbury Line Crews
946	Bloomsburg Line Crews
947	Lock Haven Line Crews
948	Williamsport Line Crews
	Harrisburg Division
750	Administration
751	Conservation Services
753	Community Services
759	Customer Service
	Distribution
850	Administration
854	Engineering
859	Substations & Underground Crews
950	Production Services
951	Temporary Line Crews
953	Hershey Line Crews
954	West Shore Line Crews
955	Carlisle Line Crews
956	Elizabethville Line Crews
957	Newport Line Crews
958	Harrisburg Line Crews
	Lancaster Division
760	Administration
761	Conservation Services
763	Community Service
765	Building Services
769	Customer Service
	Distribution
860	Administration
864	Engineering
869	Substations & Underground Crews
960	Production Services
961	Temporary Line Crews
964	Sinking Spring Line Crews
965	Cocalico Line Crews
966	Quarryville Line Crews
967	Lancaster (East) Line Crews
968	Lancaster (West) Line Crews
	Northern Division
770	Administration
771	Conservation Services
773	Community Service
775	Building Services
779	Customer Service
	Distribution
870	Administration
873	Hawley-Honesdale Area
874	Engineering
875	Pocono Area
879	Substations & Underground Crews
970	Production Services
971	Temporary Line Crews
973	Hawley-Honesdale Line Crews
975	Pocono Line Crews
976	Pittston Line Crews
977	Carbondale Line Crews
978	Scranton Line Crews
	COSTS NOT ASSIGNED TO DEPARTMENTS
990	Corporate

Pennsylvania Power & Light Company

Exhibit MJB 3

Payroll Budget - Current Supplement

PAYROLL BUDGET
CURRENT SUPPLEMENT

PREPARATION OF THE 1982 PAYROLL BUDGET

Detailed procedures for preparing the 1982 Payroll Budget are explained in Chapter 1201 in the Financial Department Manual. Data references in the Chapter have changed as shown in the following paragraphs.

Preparation and Completion Dates

Preparation of the 1982 Payroll Budget is scheduled to begin during the week of July 27, 1981, when the Financial Planning Division will send the necessary forms and information.

After review and departmental approval, the original copies of completed Payroll Budget forms should be returned to the Financial Planning Division by the week of September 14, 1981.

Periods Covered

The 1982 Payroll Budget will cover the period from December 21, 1981 to December 19, 1982.

Date References Used in Chapter 1201

Start of current year	December 22, 1980
Date of estimate	August 2, 1981
Budget year	December 21, 1981 to December 19, 1982

Information Supplied

Pay period months, pay period ending dates and contract holidays for the year 1982 (see page 3 of this Supplement).

List of employees at December 21, 1980.
List of employees eligible to retire after July 1981.
List of percent breakdown of hours charged to accounts (expense, capital, etc.).

NOTE: A list of employees at the Date of Estimate (August 2, 1981) will be sent to all cost areas as soon as it is available to allow completion of the payroll budget.

Forms for 1982 Payroll Budget

Form 1450 (white)	- Employee Requirements
Form 1456 (white)	- Explanation of Employee Changes
Form 1458 (yellow)	- Vacant Jobs at Date of Estimate
Form 2404 (white)	- Estimated Payroll Distribution

The above forms are stocked only in the Financial Planning Division and additional needs will be furnished upon request.

Special Reminders

Transfers between cost areas must be fully coordinated. The add(s) and drop(s) must be indicated in the same month by the cost areas involved with the transfers.

Retirements are to be shown in the first full month for which the retirement is in effect. For example, if a retiree's last workday is September 30, it should be shown as a retirement in the month of October.

On Form 1456 -- Explanation of Employee Changes, it would be helpful if you provided as detailed an explanation as possible. For all cost areas other than the 400 series, it would be particularly helpful to identify those employee changes which are a direct result of workload due to the Susquehanna plant. These can be identified on Form 1456 with "Susq." following the explanation.

Be sure that the number of employees shown for the "date of estimate" on the budget sheets exactly corresponds to the number of employees shown on the listing as of August 2, 1981. You may find that the people you actually have in your cost area may not exactly correspond to that shown on the listing for August 2, 1981. This would result from a transfer of people to or from your cost area, but the processing of the Payroll Authority was delayed. The Payroll Authority would be processed in the next pay period. In this case, for your budget, show this person as an add or a drop in the month of August, 1981.

5-Year Manpower Estimate

A 5-year Manpower Estimate will not be made as part of this budget process.

PAYROLL BUDGET
CURRENT SUPPLEMENT

Months, Pay Period Ending Dates and Contract Holidays

1982 Budget Year

Month	Includes Pay Periods Ending	Holidays	Month	Includes Pay Periods Ending	Holidays
Jan.	Jan 3 17	3	Jul.	Jul. 4 18	1
Feb.	Jan. 31 Feb. 14		Aug.	Aug. 1 15 29	
Mar.	Feb. 28 Mar. 14 28	1	Sep.	Sep. 12 26	1
Apr.	Apr. 11 25	1	Oct.	Oct. 10 24	
May	May 9 23		Nov.	Nov. 7 21	
Jun.	Jun. 6 20	1	Dec.	Dec. 5 19	2

Pay Period Months

1982	From	To
January	Dec. 21	Jan. 17
February	Jan. 18	Feb. 14
March	Feb. 15	Mar. 28
April	Mar. 29	Apr. 25
May	Apr. 26	May 23
June	May 24	Jun. 20
July	Jun. 21	Jul. 18
August	Jul. 19	Aug. 29
September	Aug. 30	Sept. 26
October	Sept. 27	Oct. 24
November	Oct. 25	Nov. 21
December	Nov. 22	Dec. 19

PAYROLL BUDGET
CURRENT SUPPLEMENT

PREPARATION OF THE 1983 PAYROLL BUDGET

Detailed procedures for preparing the 1983 Payroll Budget are explained in Chapter 1201 in the Financial Department Manual. Data references in the Chapter have changed as shown in the following paragraphs.

Preparation and Completion Dates

With Susquehanna #1 now scheduled to be placed in service during the first half of 1983, a rate case filing will have to be made approximately nine months prior to its in-service date. Since budget data will be used as the basis for the rate filing, a preliminary 1983 Payroll Budget will be needed. The budget schedule must allow time for establishing an approved 1983 Payroll Budget and for preparing the rate filing.

Therefore, preparation of the 1983 Payroll Budget is scheduled to begin during the week of October 26, 1981, when the Financial Planning Division will send the necessary forms and information.

After review and departmental approval, the original copies of completed Payroll Budget forms should be returned to the Financial Planning Division by the week of December 14, 1981.

Periods Covered

The 1983 Payroll Budget will cover the period from December 20, 1982 to December 18, 1983.

Date References Used in Chapter 1201

Date of estimate	December 19, 1982 (End of 1982 Budget)
Budget year	December 20, 1982 to December 18, 1983

Information Supplied

Pay period months, pay period ending dates and contract holidays for the year 1983 (see page 3 of this Supplement).

Copy of 1982 Payroll Budget (Form 1450 for 1982).
List of eligible retirees from October 1981.
List of percent breakdown of hours charged to accounts (expense, capital, etc.).

Forms for 1983 Payroll Budget

Form 1450 (white)	- Employee Requirements
Form 1456 (white)	- Explanation of Employee Changes
Form 2404 (white)	- Estimated Payroll Distribution

The above forms are stocked only in the Financial Planning Division and additional needs will be furnished upon request.

Special Reminders

Be sure that the number of employees shown for the starting point on the 1983 budget sheets exactly correspond to the number of employees shown for the end of 1982 on your 1982 Payroll Budget form (Form 1450 - copy attached).

Transfers between cost areas must be fully coordinated. The add(s) and drops(s) must be indicated in the same month by the cost areas involved with the transfers.

Retirements are to be shown in the first full month for which the retirement is in effect. For example, if a retiree's last workday is September 30, it should be shown as a retirement in the month of October.

PAYROLL BUDGET
CURRENT SUPPLEMENT

Months, Pay Period Ending Dates and Contract Holidays

1983 Budget Year

Month	Includes Pay Periods Ending	Holidays	Month	Includes Pay Periods Ending	Holidays
Jan.	Jan 2	3	Jul.	Jul. 3	
	16			17	1
	30				
Feb.	Feb. 13		Aug.	Jul. 31	
	27	1		Aug. 14	
				28	
Mar.	Mar. 13		Sep.	Sep. 11	1
	Mar. 27			25	
Apr.	Apr. 10	1	Oct.	Oct. 9	
	24			23	
May	May 8		Nov.	Nov. 6	
	22			20	
Jun.	Jun. 5	1	Dec.	Dec. 4	2
	19			18	

Pay Period Months

	From	To
1983		
January	Dec. 20	Jan. 30
February	Jan. 31	Feb. 27
March	Feb. 28	Mar. 27
April	Mar. 28	Apr. 24
May	Apr. 25	May 22
June	May 23	Jun. 19
July	Jun. 20	Jul. 17
August	Jul. 18	Aug. 28
September	Aug. 29	Sept. 25
October	Sept. 26	Oct. 23
November	Oct. 24	Nov. 20
December	Nov. 21	Dec. 18

Pennsylvania Power & Light Company

Exhibit MJB 4

Financial Department Instructions For Preparation of The Payroll Budget

PAYROLL BUDGET

PP&L

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INTRODUCTION

This chapter explains the procedures used in the annual preparation of the Payroll Budget which deals with personnel planning. Employee requirements for the budget year are used to estimate normal earnings for the Payroll Budget. Other payroll budget information relating to overtime and shift hours is covered in Chapter 1202.

PREPARATION TIME

The dates for starting preparation and completion of estimates are specified in the Current Supplement to this chapter.

SEGREGATION OF WORK FORCE

The work force of each cost area is segregated into the following categories:

- Supervisory - Job codes 0001 to 2699
- Non-Supervisory - Job codes 2700 to 9995
- Temporary

On the lists of employees furnished to each cost area, the work force is segregated into the first two categories only. Before preparing the payroll budget forms, it is necessary to identify those employees, supervisory and non-supervisory, properly includable in the 'temporary' category. Many cost areas will have no employees in this category.

Temporary jobs are defined as follows:

Temporary Employees - Employees hired for the summer season or required for a temporary one-time project are included in this category. Employees carried at the date of estimate as well as those required during the budget year are included.

Cooperative Students - Through arrangements with certain colleges, students are hired for limited periods (generally six months). These employees are usually given the title of Cadet Engineer or Cadet Accountant.

'On the Job' Training - This category includes jobs filled by selected employees for a period of training in order to gain experience and qualification to fill a future vacancy. Ordinarily, this period of training will not be longer than one year. These training jobs will be in excess of the normal complement and should result in a reduction of work force when the future vacancy is filled by the trainee. Do not include in this category employees in a line of progression who, in the normal course of events, would be considered for promotion as opportunities arise.

PAY PERIOD MONTHS USED IN PAYROLL BUDGET

The months used in connection with the Payroll Budget are designated as 'pay period months' and include the pay periods which end during that month. For purposes of this budget, pay period ending dates which fall on a Saturday for certain Scranton employees are made to conform to the Sunday pay period ending dates generally used. Dates covered by each pay period month are shown in Current Supplement 1201.

In the translation of personnel to budgeted normal earnings, it will be assumed that all changes in personnel occur in the first pay period of any given month.

INFORMATION FOR BUDGET PREPARATION

The following information is provided by the Financial Planning Division for preparation of the budget:

- Current Supplement to Chapter 1201
- List of employees at start of current year
- List of employees at date of estimate
- List of normal retirements for the ensuing 5-year period
- List of payroll hours distribution to expense, clearing, capital, and other accounts

ILLUSTRATION 1 - Employee Requirements (Form 1450)

PAYROLL BUDGET
EMPLOYEE REQUIREMENTS

1 SUBMITTED BY: John Doe 9/20/79
2 RECOMMENDED: [signature] 9/21/79
RECOMMENDED: Jane Smith (name) 9/21/79 (date)

3 COST AREA NUMBER 880
COST AREA NAME Admin-Technical

4 PAGE 1 OF 1

	5 JOB TITLE	6 JOB DESIGNATION	ACTUAL NUMBER OF EMPLOYEES 7 START OF CUR. YR. EST.	8 DATE OF CUR. YR. EST.	9 EMPLOYEES TO BE ADDED OR DROPPED — CURRENT YEAR SEPT	OCT	NOV	DEC	BUDGET YEAR JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	13 EST. NO. OF EMPL. AT END OF BUDGET YEAR
1	Supervisory																				
2	Administrative Asst - Operating		1	1																	1
3	Engineer		1	2								(1) 1									2
4	Project Engineer		1	1												12					1
5	Operating Manager		1	1																	1
6	Asst to Operating Manager		1	1							(1) 11										-
7	Technical Supv - Lines		1	1																	1
8			6	7																	6
9	Non-Supervisory																				
10	Record Clerk		3	2																	2
11	Stenographer & Clerk 2nd Class		2	2																	2
12	Clerk Level 3		3	2										10							1
13	Senior Clerk		1	1																	1
14	Inspector & Clerk		2	2																	2
15	Engineering Aide		3	3													1				4
16	Service Technician		6	7																	7
17	Distribution Technician		4	4																	4
18	Elect Repairman 2nd Class $152	PS					1														1
19	Janitor	PT	1	1																	1
20	Inspector - Lines		3	3																	3
21			28	27																	30
22	Temporary																				
23	Apprentice Clerk	T												1			(1)				-
24	Cadet Engineer	CO		1																	1
25	Janitor	T							1		(1)										-
26	Asst Operating Manager	JT										1				(1)					-
27				1																	1
28																					
29																					
30																					
31																					
32																					
33	TOTAL ADDED OR DROPPED 14						1		1		(2)	1		2		(1)					
34	COST AREA TOTAL 15		34	35	35	35	36	36	37	37	35	36	36	38	38	37	37	37	37	37	37

The purpose of this form is to provide estimated employee requirements by job titles and months for the budget period. The following instructions are referenced to Illustration 1 and are a guide in the preparation of Form 1450.

1. To be signed and dated by authorized person originating the form.

2. To be signed and dated by authorized persons making the recommendations.

3. Enter the cost area number and name.

4. Enter the page number and total number of pages of Form 1450.

5. List present and anticipated job titles by the following categories:

   Supervisory
   Non-Supervisory
   Temporary

   Where the job content remained substantially the same but there has been a change in job title, list only the new title. See SEGREGATION OF WORK FORCE on page 1 for additional information on categories.

6. Indicate the following job designations where appropriate:

Temporary	"T"
Cooperative Student	"CO"
"On the Job" Training	"JT"
Part Time	"PT"
Job or Pay Security	"PS"

See page 1 for definitions of the first three job designations above.

Part time jobs, "PT", are those jobs filled by employees hired to work less than the normal 40 hours per week.

Job designation "PS" covers those jobs to be filled by displaced employees benefiting under the Job and Pay Security clause. It will be necessary to list separately any such job titles, identify same with a "PS" and show the employee's weekly rate of pay (rounded dollars) to the left of the Job Designation column. The weekly rate of pay in these jobs will be higher than the salary table rate and, accordingly, will be recognized in the application of budgeted payroll dollars.

7. Enter the actual number of employees in each job title at the start of the current year.

8. Enter the actual number of employees in each job title at the date of estimate.

NOTE: It is important that items 7 and 8 correspond with lists submitted to each cost area.

9. Show employee changes by "pay period months" from September of the current year to the end of the budget year.

The following apply to employee changes by months:

10. Indicate an increase with a black number under the month in which the added employee's first pay period ends. For example, if an employee is to be added near the end of May and the first pay will be for a pay period ended in June, indicate as an increase in the month of June.

11. Indicate a decrease with a red or ( ) number under the "pay period month" which includes the ending date of the first complete pay period for which an employee will not be paid. For example, if a job is eliminated when an employee leaves near the end of February but the ending date of the first complete pay period for which the employee will not be paid is in March, indicate as a decrease in March.

12. If a retirement is involved, employment is terminated in the month actual retirement of the employee begins. For example, a retiring employee whose last day of employment is July 31, should be indicated as a decrease in the month of August. The red or ( ) number indicating a decrease due to retirement should be followed by the letter "R".

NOTE: Non-supervisory employees - All retirements and their replacements must be shown. Related moving up of employees in lower level jobs need not be shown.

Supervisory employees - Indicate all increases and/or decreases even though the number of employees in a job title remains unchanged. This detail is needed to properly budget normal earnings of employees.

All transfers between cost areas should be fully coordinated so that additions and deletions occur in the same months.

13. Show the estimated number of employees in each job title at the end of budget year.

14. Enter the net change, if any, in the estimated number of employees by months.

15. Enter the total number of employees at start of current year, at date of estimate for each month, and at the end of budget year.

ILLUSTRATION 2 - Explanation of Employee Changes (Form 1456)

FPAL FORM 1456(7-80)

PAYROLL BUDGET
EXPLANATION OF EMPLOYEE CHANGES
(As reported on Form 1450)

| No. of Employees (2) | FOR FINANCIAL PLANNING USE ONLY | | |

ILLUSTRATION 3 - Vacant Jobs at Date of Estimate (Form 1458)

PP&L FORM 1458 (8-68)

PAYROLL BUDGET
VACANT JOBS AT DATE OF ESTIMATE

(1) COST AREA NUMBER 60
COST AREA NAME Adm.-Technical

(2) JOB TITLE	(3) DATE WHEN JOB WAS LAST FILLED	(4) DATE WHEN JOB IS ESTIMATED TO BE FILLED	(5) REMARKS
Clerk Level I	July 1979	June 1980	Resigned. Will be replaced.

DO NOT LIST ABOVE: JOBS AUTHORIZED BUT NEVER FILLED, OR JOBS VACANT FOR MORE THAN 12 MONTHS PRECEDING DATE OF ESTIMATE

The purpose of this form is to indicate the jobs which are vacant at date of estimate and when they are expected to be filled. The following instructions are referenced to Illustration 3 and are a guide in the preparation of Form 1458.

(1) Enter the cost area number and name.

(2) List all vacant jobs which exist at the date of estimate as a result of recent deaths, early retirements, resignations or promotions.
Jobs which have been authorized but never filled, jobs which have been open for more than twelve months preceding the date of estimate, or jobs which are not expected to be filled are not considered vacant jobs. If no vacancies exist at the date of estimate, enter the word "NONE".

(3) Enter the month and year when the job was last filled.

(4) Enter the month and year when job is estimated to be filled.

(5) Indicate the reason for the vacancy.

ILLUSTRATION 4 - Estimated Payroll Distribution (Form 2404)

PP&L FORM 2404(6-76)

PAYROLL BUDGET

ESTIMATED PAYROLL DISTRIBUTION

COST AREA B,8,0 (1,2,3) ❶ NAME Adm - Technical

❷

			PERCENTAGES											
			EXP		CLEAR		CAP		OTHER		TOTAL			
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
JAN	0	1	2	0		2	0		6	0					1 0 0
FEB	0	2	1	0		2	0		6	0		1	0		1 0 0
MAR	0	3				3	0		6	0		1	0		1 0 0
APR	0	4	2	0		2	0		6	0					1 0 0
MAY	0	5	2	0		2	0		6	0					1 0 0
JUN	0	6	2	0		2	0		6	0					1 0 0
JUL	0	7	2	0		2	0		6	0					1 0 0
AUG	0	8	2	0		2	0		6	0					1 0 0
SEP	0	9	1	0		2	0		6	0		1	0		1 0 0
OCT	1	0				3	0		6	0		1	0		1 0 0
NOV	1	1	1	0		3	0		5	0		1	0		1 0 0
DEC	1	2	2	8		1	8		5	4					1 0 0

The purpose of this form is to provide an estimate of the percentage of payroll hours directly charged to expense, clearing, capital, and other accounts.

A listing of actual percentages charged to expense, clearing, capital, and other accounts is provided as a guide. The past months' experience is also shown on the bottom of the level 05 responsibility report. Percentages can be estimated by using experience, discounting abnormal occurrences, and incorporating expected differences.

The following instructions are referenced to Illustration 4 and are a guide in the preparation of Form 2404.

❶ Enter the cost area number and name.

❷ Enter the estimated percentage under each category. The percentages are to be entered as whole percentages and each month must add across to 100 percent.

PP&L

ESTIMATED OVERTIME AND SHIFT HOURS

INTRODUCTION — This Chapter explains the procedures used in the annual preparation of Estimated Overtime & Shift Hours (Form 1451a). The monthly information obtained from this form provides the estimated overtime hours and shift hours which are evaluated into dollars for use in the payroll budget.

PREPARATION TIME — Dates for starting preparation and completion of estimates are specified in the Current Supplement to this Chapter.

HOURS TO BE BUDGETED — Only include hours for which compensation is to be paid.

ILLUSTRATION - Completed Estimated Overtime & Shift Hours (Form 1451a)

PP&L FORM 1451a(4-73)

1974 PAYROLL BUDGET
ESTIMATED OVERTIME & SHIFT HOURS

1 COST AREA 1890 (7 9) NAME ADMINISTRATIVE-TECHNICAL

For Data Processing

NOTE: DUPLICATE HOURLY RATE AND COST AREA INTO ALL RECORDS. ENTER RECORDS ONLY IF DATA IN OT HOURS AND/OR SHIFT HOURS.

FOR FIN P&R USE
Hourly Rate (3 6)

3 Total Overtime Hours For Year 555

5 Total Shift Hours For Year 33

Pay Period (10 11)	Pay Period Ending Date	2 Overtime Hours	4 Shift Hours	P.C. (31)
01	Jan 13	5.0		0
02	27	7.5	1.0	0
03	Feb 10	10.0	.5	0
04	24			0
05	Mar 10	5.0		0
06	24			0
07	Apr 07	5.0		0
08	21		4	0
27				0

Col. 31 For Fin P&R Use Only

1. Enter the Cost Area number and Name in the spaces provided.

2. Estimate the overtime hours to be worked during each pay period in the budget year.

   In order to establish a uniform basis for estimating overtime, it is recommended that "normal conditions" plus provisions for "expected and planned deviations" be chief considerations in realistic estimating. Do not reflect past extraordinary or abnormal overtime experience in the estimates. The past months' experience in overtime hours is furnished on the bottom line of the level 05 responsibility report.

3. Enter the total overtime hours for the year in the space provided on the left side of the form.

4. Estimate the shift hours to be worked for each pay period in the budget year.

5. Enter the total shift hours for the year in the space provided on the left side of the form.

   NOTE: If there is no data to be entered for overtime or shift hours for a given pay period, leave the space blank.

Pennsylvania Power & Light Company

Exhibit MJB 5

Budget Item Codes

BUDGET ITEM CODES

CODE		PAGE
*11	Payroll	2
*12	Employee Taxes and Benefits	2
13	Employee Expenses	2
14	Vehicle and Equipment Use	3
*21	Fuel	4
*22	Purchased & Interchanged Power	4
*23	Deferred Energy Costs-Net	4
24	Stores Issues & Returns	5
25	Materials Purchased	5
26	Printing and Office Supplies	6
31	Contract Tree & Brush Control	7
32	Work by Outsiders	7
33	Services	8
34	Postage	9
35	Telephone and Leased Wires	9
36	Rents	10
37	Advertising	11
*41	Charitable Contributions	12
*42	Fire & Casualty Insurance	12
*43	Uncollectible Accounts	13
*44	Taxes	13
*45	Depreciation	13
*46	Interest Charges	13
47	Contributions, Dues and Membership Fees	14
49	Miscellaneous	14
*59	Inter Cost Area Transfers	15
90	Receipts - Miscellaneous	16
**91	Capital Work by Outside Contractors - Material	16
**92	Capital Work by Outside Contractors - Labor & Expenses	17
*98	Accounting Transfers	17
*99	Budget Item Not Required	18

* These codes are not normally used by field personnel.

** These codes are restricted to use of specific Construction and Distribution Department personnel only.

BUDGET ITEM CODES

*11 - PAYROLL

Include:

1. Salaries and wages of all Company employees, including vacations, holidays, sickness and other paid time off.

*12 - EMPLOYEE TAXES AND BENEFITS
(This budget item is used by the Financial Department only.)

Include:

1. Net payments and allocations of the Company's cost for employee taxes and benefits:
   a. Taxes:
      Federal Insurance Contributions Act - Social Security
      Federal Insurance Contributions Act - Hospital Insurance (Medicare)
      Federal Unemployment Taxes
      Pennsylvania Unemployment Compensation Insurance
   b. Employee Benefits:
      Pensions (including "direct" payments)
      Group Life Insurance
      Longevity Pay
      Hospitalization
      Major Medical
      Disability Pay
      Accidental Death or Dismemberment Insurance
      Workmen's Compensation Insurance (allocated portion)

Exclude:

1. Tuition refunds, pre-employment expenses, commissions paid on employee stock purchases (code 49).

13 - EMPLOYEE EXPENSES
(Show the employee's number (or 99999 for group expenses) as part of the accounting when using this budget item.)

Include:

1. Expenses of employees which meet the requirements for reimbursement as outlined in various Financial Department Instructions, such as:
   a. Meals, lodging and incidental expenses.
   b. Transportation costs by public conveyances.
   c. Mileage allowances for use of personal car.
   d. Rental of passenger vehicles by employees from agencies, such as Hertz, Avis, etc.
   e. Expenses for temporary storage of cars, such as overnight or other short periods of parking at lots, parking meter areas, garages, etc.
   f. Bridge, turnpike, etc. tolls.

(Budget item continued on next page.)

* These codes are not normally used by field personnel.

BUDGET ITEM CODES

g. Registration fees or assessments while attending conventions and meetings, etc.
h. Cost of telephone calls in connection with Company affairs, made from outside telephones, and paid by employees.
i. Hotel, restaurant and catering charges for groups, made up predominantly of Company employees.

2. Moving expenses and other reimbursements paid to or for employees who transfer to a new work location.
3. Board and lodging allowances paid to employees as outlined in the Agreement between the Company and the International Brotherhood of Electrical Workers.

Exclude:

1. Amounts paid directly by the Company or reimbursed to employees which are properly classified under other codes, such as:
   a. Membership dues to local service organizations, such as Rotary, Kiwanis, and Lions (code 47).
   b. Membership fees and dues to trade, technical, and professional associations whether in the name of the Company or individual employee (code 47).
   c. Dues and contributions to civic and service organizations, such as Chambers of Commerce, National Safety Council, Air Pollution Control Association, and Pennsylvania Economy League (code 47).
   d. Dues, contributions or assessments to industry associations, such as Edison Electric Institute, Pennsylvania Electric Association, etc. (code 47).
   e. Refund of tuition to employees (code 49).
   f. Purchase of gasoline, oil, antifreeze, etc. for Company vehicles (code 25).
   g. Tuition or fees for employee educational courses to A.M.A., various universities and manufacturers' schools, etc. (code 49).
   h. Towing, washing, lubricating, installing chains, changing, repairing or recapping tires, and other maintenance and repair work on motor vehicles (code 32).

14 - VEHICLE AND EQUIPMENT USE

(This budget item is used by the Financial Department only, for allocating costs accumulated in Transportation clearing accounts on the basis of vehicle use.)

Include:

1. Cost of using Company vehicles and Heavy Construction Equipment.

Exclude:

1. Cost of leasing and operating vehicles, which should be included under appropriate budget items, such as vehicle or garage rent (code 36), gasoline, oil and antifreeze (code 25), and auto repairs by outsiders (code 32).

* These codes are not normally used by field personnel.

BUDGET ITEM CODES

*21 - FUEL

Include:

1. Cost of coal or oil purchased or used to produce steam for the generation of electricity, operate dryer furnaces or produce steam to be sold, including fuel stock expense.
2. Freight charges paid in connection with the purchase of fuel.
3. Fuel inventory adjustments.
4. Credits for amounts due from transportation companies or others for losses of purchased fuel in shipment, due to leakage, fire or other causes.

Exclude:

1. Cost of fuel for general heating purposes (code 25).
2. Cost of fuel for tractor and bulldozer operation (codes 24 or 25).
3. Hauling coal between stock piles (code 32).

*22 - PURCHASED & INTERCHANGED POWER

Include:

1. Charges for electricity purchased:
   a. Under firm power contracts.
   b. From other utilities under border line arrangements.
   c. Under surplus power agreements.
2. Charges for electricity purchased under interchange agreements.
3. Charges for electricity supplied by Safe Harbor Water Power Corporation.
4. Credits for electricity delivered under interchange agreements.
5. Fair value of energy produced during the test period of new generating units.

23 - DEFERRED ENERGY COSTS - NET

Include:

1. Credits for energy costs recoverable in the future through application of the energy clause which are being deferred until the periods in which such costs are billed to customers.
2. Charges for energy costs which have been deferred and are being amortized to expense in the period such costs are billed to customers.

BUDGET ITEM CODES

24 - STORES ISSUES & RETURNS

Include:

1. Cost of materials and supplies requisitioned from or returned to stores, including stores expense and minor material charges.
2. Stores inventory adjustments.
3. Disposal of obsolete materials.
4. Non-stock materials taken into stock.
5. Salvaged materials returned to the storeroom or reused in the field.

25 - MATERIALS PURCHASED

Include:

1. Purchases of materials, certain supplies, equipment and parts, such as:
   a. Materials, equipment, repair parts, and supplies.
   b. Water used in steam power plants or used for hydraulic power generation.
   c. Cost of water for general use and sewer rent.
   d. Fuel for general heating (including purchases of steam for heating purposes).
   e. First aid and safety supplies.
   f. Work gloves.
   g. Instrument charts and ink.
   h. Gasoline, oil, antifreeze, tires, batteries, chains, decals and other items for transportation equipment.
   i. Demonstration appliances and merchandise repair parts.
   j. Promotional films.
   k. Seedlings for "Operation Trees".
   l. Cleaning and janitor supplies, such as detergents, soap, paper towels and toilet paper.
   m. Food and supplies for home economist demonstrations.
   n. Electric heat emergency parts.
   o. Freight, express, demurrage, or postage and insurance charges paid in connection with items purchased and included in this category.
   p. Pennsylvania sales taxes and Federal Excise Taxes paid to vendors in connection with any of the items included in this category.
   q. Major items of office equipment such as desks, chairs, adding machines, typewriters, etc.

(Budget item continued on next page.)

r. Credits for amounts previously charged to this item received from insurance, transportation companies or others in compensation for losses of purchased materials in shipment, due to breakage, leakage, evaporation, fire or other causes.
s. Credits for amounts due from vendors for materials returned to them.

Exclude:

1. Stationery, printing and other office type supplies (code 26).
2. Materials and supplies furnished by outside contractors in connection with work performed (code 32).
3. Postage applicable to return of materials to vendors (code 34).

26 - PRINTING AND OFFICE SUPPLIES

Include:

1. Office supplies, such as paper, duplicating supplies, pencils, printed forms, magnetic tapes used on computers, photographic supplies, typewriter and business machine ribbons, drums for copy machines, staples, glue, scotch tape, binders, supplies used to test prospective employees, etc.
2. Printing by job printers of booklets, reports, envelopes, bulletins, service bills, pamphlets, manuals, letters, handbills, annual reports, forms, etc.
3. Art and drafting supplies, such as paper, ink, oil colors, brushes, etc.
4. Books, periodicals, bulletins and subscriptions to newspapers, newsletters, tax manuals, etc.
5. Minor items of office equipment of small cost or short life, such as rubber stamps, staplers, waste baskets, etc.
6. Freight, express, or postage and insurance charges, paid in connection with items purchased and included in this category.
7. Pennsylvania sales taxes or Federal Excise Taxes paid to vendors in connection with items included in this category.
8. Credits for amounts previously charged to this item received from insurance, transportation companies or others in compensation for losses of purchased materials in shipment, due to breakage, leakage, evaporation, fire or other causes.
9. Credits for amounts due from vendors for materials returned to them.

Exclude:

1. Purchases of materials, certain supplies, equipment and parts (code 25).
2. Cleaning and janitor supplies, such as detergents, soap, paper towels and toilet paper (code 25).
3. Major items of office equipment such as desks, chairs, adding machines, typewriters, etc. (code 25).
4. Postage applicable to return of materials to vendors (code 34).

BUDGET ITEM CODES

31 - CONTRACT TREE & BRUSH CONTROL

Include:

1. Amounts paid to outside contractors for trimming trees and clearing brush. Included also are costs of materials and equipment supplied by the contractor in performing the work or the service.
   a. Trimming and removing trees and clearing brush and other refuse along transmission lines, distribution lines, rights of way, overhead street lighting systems and maintaining previous roadway clearances, including the operation of bulldozers, sheardozers, woodchipping machines, and similar equipment.
   b. Applying chemical treatment and disposing of refuse.

32 - WORK BY OUTSIDERS

Include:

1. Amounts paid to outside contractors or agencies for services or work performed, which is not properly classified under another category. Included also are costs of materials and equipment supplied by the contractor in performing the work or service.
   a. Painting towers and fixtures.
   b. Welding, plumbing, carpentry and similar services.
   c. Repairs, rebuilding or maintenance of property and equipment, including tools.
   d. Commissions, fees and postage reimbursements paid to bill collection agencies, and delinquent account collection agencies (such as URC).
   e. Fees paid for credit investigations and reports.
   f. Window cleaning, towel service, janitorial and similar sanitary services.
   g. Maintenance contracts and repair costs of office machines and computer equipment.
   h. Line patrolling by helicopter.
   i. Maintenance of boilers, turbines and generators.
   j. Maintaining and rebuilding transformers.
   k. Work performed by crews of other utilities during emergencies.
   l. Hydro coordination and river observation costs allocated from Safe Harbor Water Power Corp.
   m. Payments to telephone companies for increasing height of poles or other changes to their facilities at our request.
   n. Towing, washing, lubricating, installing chains, changing, repairing or recapping tires, and other maintenance work on motor vehicles.
   o. Services of outside laboratories.
   p. Safe Harbor Water Power Corp. charges for services rendered and supplies furnished.
   q. Hauling, freight and express charges of a general nature.

(Budget item continued on next page.)

r. Armored car service.
s. Special Service Payroll
t. Services of photographers and photo laboratories, including negatives, half tones, metal masters, offset plates, etc.
u. Aerial mapping and fuel stock surveys.
v. Charges by others for securing rights of way.
w. Payments to contractors or customers for changing their facilities for our benefit, such as moving meters outdoors.
x. Fees for use of drapes, sound equipment, platforms, displays, etc. furnished as a part of decorators service for promotional or special meetings.
y. Supply and cleaning meter readers' uniforms.
z. Temporary help such as Kelly Girls, etc.

Exclude:

1. Work by outsiders applicable to capital construction projects (code 91 or code 92).
2. Fees and expenses of agencies, commercial artists, and professional decorators for advertising purposes (code 37).
3. Professional services (code 33).
4. Advertising services (code 37).
5. Printing costs (code 26).
6. Telephone and leased wire services (code 35).
7. Insurance inspection service and insurance brokerage fees and commissions (code 42).
8. Purchase price and recording fees related to rights of way (code 49).
9. Trimming and removing trees and clearing brush and other refuse along transmission lines, distribution lines, rights of way, overhead street lighting systems and maintaining previous roadway clearances, including the operation of bulldozers, sheardozers, woodchipping machines, and similar equipment (code 31).
10. Applying chemical treatment and disposing of refuse (code 31).
11. Hauling, freight and express charges relating to:
    a. Employees' moving (code 13).
    b. Fuel purchased for generation of electricity or production of steam to be sold (code 21).
    c. Materials purchased (code 25).
    d. Printing and office supplies purchased (code 26).

33 - SERVICES

Include:

1. Fees and expenses of non-employee consultants and specialists providing corporate or professional services:

(Budget item continued on next page.)

Accountants and auditors.
Actuaries.
Appraisers and realtors
Attorneys and law firms.
Physicians, medical groups and ambulance services.
Engineers, surveyors, draftsmen.
Insurance counsels.
Management consultants.
Negotiators.
Physicians - physical exams.
Public relations counsels.
Tax consultants.
Capital stock registrars and transfer agents.
Trustees of retirement plan.
Trustees under mortgage indentures.
Opinion survey organizations.
Company Board of Directors.
Stock exchanges for listing common and preferred stocks.

Exclude:

1. Commissions and fees for bill collection agencies, delinquent account collection agencies and credit investigations and reports (code 32).
2. Fees and expenses of agencies, commercial artists, professional decorators for advertising purposes (code 37).
3. Insurance inspection service and insurance brokerage fees and commissions (code 42).
4. Charges by others for securing right-of-way services (code 32).

34 - POSTAGE

Include:

1. Purchase of postage stamps, refilling postage meters, payments of postage due, postage applicable to return of materials to vendors, and any other charges involving use of the mails.

Exclude:

1. Postage and insurance charges included on invoices for materials, supplies or other items purchased, which should be classified the same as such purchases.

35 - TELEPHONE AND LEASED WIRES

Include:

1. Monthly service charge for telephone connections, and telephone and telegraph tolls.
2. Telephone company charges for installing, removing, changing, relocating, etc. telephone outlets, switchboards and other telephone equipment.

(Budget item continued on next page.)

3. Charges for leased telephone circuits, including "Telepak."
4. Charges for other communication equipment or service, such as teletypewriter service, telemetering circuits, telephone answering service, etc.

Exclude:

1. Cost of telephone calls in connection with Company affairs, made from outside telephones, and paid by employees (code 13).
2. Personal telephone and telegraph tolls to be billed to employees (code 99).

36 - RENTS

Include:

1. All rents for equipment under "Fleet Lease" and rents under other leasing agreements, such as:
   a. Data processing and other office equipment, including charges for excess copies paid to owners of copy machines.
   b. Motor vehicles and other mobile equipment.
   c. Automatic economic dispatch equipment.
   d. Office buildings, garages, parking lots, storerooms, line crew quarters.
   e. Booths and space at fairs and exhibits.
   f. Doble Company test equipment.
   g. Special tools and equipment.
   h. Periodic rights of way.
   i. Pole attachments.
   j. Bank safety deposit box.
   k. Post office box.
2. Real estate and other taxes on rented property if paid by the Company.
3. Payments to other utilities for use of interconnected facilities, such as meter equipment, carrier current relay equipment, and substations.
4. Charges for leased mobile radio equipment.
5. Amortization of Leasehold Improvements.
6. Rental of directional, informative, historical signs at recreational areas.
7. Rental of installed detection devices for security purposes.

Exclude:

1. Costs of operating and maintaining leased property, which shall bear the appropriate budget item code and be charged to accounts appropriate for the expense.
2. Rental of passenger vehicles by employees from agencies, such as Hertz, Avis, etc. (code 13).

BUDGET ITEM CODES

37 - ADVERTISING

Include:

1. Outside expenditures for advertising purposes:
   a. Cost of space in newspapers, periodicals, billboards, etc.; display space, and cost of radio or television time for all advertising purposes, such as:
      To inform customers in matters relating to energy conservation.
      Public notice of financial, operating and other data required by regulatory bodies.
      Public notices required in connection with acquisitions of property which are to be capitalized along with other costs of acquisition.
      Institutional and good will advertising designed to promote the Company as a whole, such as publicizing the Company's participation in civic enterprises, or any other advertising or publicity depicting the Company as an institution.
      Help wanted ads.
   b. Payments to advertising agencies and commercial artists for fees, materials, equipment and other expenses.
   c. Costs of professional talent for advertising purposes, such as actors, actresses and announcers.
   d. Fees paid to professional decorators for window displays, fair exhibits, etc. and display materials such as mannequins, turntables, lighting, foliage, etc., which are held in stock for future use.
   e. Assessments or allocations of costs for industry-wide group advertising.
   f. Fees for use of Reddy-Kilowatt symbol.
   g. Mats and similar items for advertising.
   h. Payment for bill inserts, brochures, handouts and literature used primarily to inform and communicate to customers.

Exclude:

1. Printing costs of annual reports, announcements, recruitment brochures, etc. (code 26).
2. Art and drafting supplies (code 26).
3. Cost of brochures, handouts, literature, etc. used primarily to inform, indoctrinate or train builders, developers, community leaders, etc. (code 26 or 32 as appropriate).

BUDGET ITEM CODES

*41 - CHARITABLE CONTRIBUTIONS

Include:

1. Contributions to charitable institutions and organizations for the public welfare, such as churches, colleges, hospitals, Red Cross and United Fund.
2. Educational scholarships financed by the Company.
3. Contributions for matching educational aid.
4. Contributions to local community organizations and projects of a social or charitable nature, such as little league, local parades, community bands, etc.
5. Contributions to service organizations, such as Rotary, Kiwanis, Lions, etc.

Exclude:

1. Tuition refunds to employees (code 49).
2. Dues to civic organizations and contributions to industrial development funds (code 47).
3. Contributions to volunteer fire companies, ambulance and rescue squads (code 47).
4. Employee membership fees and dues to service organizations, such as Rotary, Kiwanis, Lions, etc. (code 47).

Note: All approved payment requests for Budget Item 41 expenditures are forwarded to the Manager-HR&D Administration, General Office, for processing.

*42 - FIRE & CASUALTY INSURANCE

Include:

1. Net cost of insurance to protect the Company against loss from bodily injury and property damage claims of non-employees and losses and damages to owned and leased property:
   a. Fire insurance.
   b. General liability insurance.
   c. Automobile liability insurance.
   d. Fidelity bonds.
   e. Insurance for special purposes, such as loss of vital equipment in transit, etc.
   f. Boiler insurance.
   g. Elevator insurance.
   h. Insurance inspection service and insurance brokerage fees and commissions (normally included in premium cost).
2. Workmen's compensation insurance ("direct payments" only).

Exclude:

1. Costs relating to insurance for employees (code 12), such as:
   a. Workmen's compensation insurance (allocated portion).
   b. Pensions (including "direct" payments).
   c. Group insurance.
   d. Hospitalization.
   e. Major medical.
   f. Medicare.
2. Losses or claims not covered by insurance for injuries, deaths or damages to property (code 49).

* These codes are not normally used by field personnel.

BUDGET ITEM CODES

*43 - UNCOLLECTIBLE ACCOUNTS

Include:

1. Accounts written off as uncollectible.
2. Provision for uncollectible accounts.
3. Recoveries of accounts previously written off.

Exclude:

1. Fees for delinquent account collection agencies, such as URC (code 32).

*44 - TAXES

Include:

1. Real estate taxes.
2. Local franchise taxes.
3. Pennsylvania Capital Stock tax.
4. Pennsylvania Gross Receipts tax.
5. Pennsylvania Corporate Loans tax.
6. Pennsylvania sales tax when paid directly to the State.
7. Federal Income and Pennsylvania Income taxes.
8. Pennsylvania Public Utility Commission tax.
9. Federal, State and Municipal documentary stamps.

Exclude:

1. Pennsylvania sales taxes and Federal Excise Taxes paid to vendors in connection with purchase of materials and supplies (either code 25, 26, 32, or 37).
2. Real estate and other taxes on rented property if paid by the Company (code 36).
3. Payroll taxes, such as: FICA, Federal Unemployment, and Pennsylbania Unemployment (code 12).
4. Vehicle licenses (code 49).

*45 - DEPRECIATION

Include:

1. Provision for depreciation.

*46 - INTEREST CHARGES

Include:

1. Interest on bonds and notes.
2. Amortization of debt discount and expense.
3. Amortization of premium on debt.
4. Other interest expense.

(Budget item continued on next page.)

* These codes are not normally used by field personnel.

BUDGET ITEM CODES

a. Bank loans.
b. Customers Deposits.
c. Taxes assumed on Interest.
d. Miscellaneous.

5. Allowance for funds using during construction.

47 - CONTRIBUTIONS, DUES AND MEMBERSHIP FEES

Include:

1. Membership fees and dues to trade, technical and professional associations whether in the name of the Company or individual employees.
2. Membership fees and dues to local service organizations, such as Rotary, Kiwanis, and Lions.
3. Dues and contributions to civic and service organizations, such as Chambers of Commerce, National Safety Council, Air Pollution Control Association and Pennsylvania Economy League.
4. Dues, contributions or assessments to industry associations, such as Edison Electric Institute, Pennsylvania Electric Association, etc.
5. Contributions to industrial development and community planning groups.
6. Contributions to volunteer fire companies, ambulance and rescue squads.

Exclude:

1. Fees, licenses, permits and related expenses (code 49).
2. Contributions to charitable institutions and organizations for the public welfare, such as churches, colleges, hospitals, Red Cross and United Fund (code 41).
3. Contributions to local community organizations and projects of a social or charitable nature, such as little league, local parades, community banks, etc. (code 41).
4. Contributions to service organizations, such as Rotary, Kiwanis, Lions, etc. (code 41).

49 - MISCELLANEOUS

Include:

1. Items not properly classified under any other budget item:
   a. Purchase of land and rights of way.
   b. Fees, licenses, permits, expenses, such as:
      Vehicle licenses.
      Auto certificate of title.
      Meter tests.
      Pole inspections.
      Erection of poles.
      Erection of signs.
      Notary public.
      Transfer of auto registration plates.
      Movie projection.
      FPC License fee.
      Truck weighing fees.
      Boat registration fees.

(Budget item continued on next page.)

BUDGET ITEM CODES

Recording of deeds, rights of way, etc.
Transcripts of judgments.
Boiler operating permits.
Elevator operating permits.
Brokers' fees for mailing Company's quarterly dividend memorandum.

c. Refunds of cash overages, cash over and short, and adjustments thereto.
d. Special assessments by regulatory commissions.
e. Court costs, witness fees, etc. and payment of awards to claimants for court costs and attorney's services.
f. Settlement of claims resulting from injuries, deaths or damages to property not covered by insurance, including damages to employee's car paid by Company.
g. Hotel, restaurant and catering charges for groups, including food and room rentals, when the expenses incurred are predominantly for persons other than Company employees.
h. Tuition or fees for employees educational courses to AMA, various universities and manufacturers' schools.
i. Refund of tuition to employees.
j. Bank service and night depository charges.
k. Electricity and steam used in operations.
l. Tickets and passes to shows, expositions, dances, etc. of trade or civic associations.
m. Research and development costs.
n. Amortization of ash disposal facilities.
o. Breakage on cash dividends to stockholders.
p. Interconnection office and administration expenses of Mid-Atlantic Coord. Group.
q. Pre-employment interview expenses excluding medical examinations.
r. Refund of unearned finance charges due to full payment of notes, or accounts paid in advance of due date.
s. Freight and express charges paid in connection with items returned to vendors for repairs or credit.
t. Loss in value of equipment and appliances used for display purposes.
u. Commissions paid on employee stock purchases.
v. Gifts and engraving for retiring employees.
w. Payments to others for transmission of energy.

*59 - INTER COST AREA TRANSFERS

Include:

1. Distribution of charges for Holtwood Village Operation.
2. Distribution of charges for General Office Building Operation.
3. Distribution charges for Hazleton Service Depot Operations.
4. Distribution of charges for Chemical Laboratory Operations.
5. Distribution of charges for Operation & Maintenance of Annexes to General Office Building.
6. Distribution of charges for Telephone & Leased Wires.
7. Distribution of overhead costs - General Meter Department.
8. Distribution of overhead costs - Engineering Departments.

* These codes are not normally used by field personnel.

BUDGET ITEM CODES

9. Distribution of overhead costs - Construction Department.
10. Distribution of overhead costs - Distribution Department.
11. Distribution of overhead costs - Cost Analysis.
12. Distribution of charges for Systems & Computer Services.
13. Distribution of charges for Training Center.

90 - RECEIPTS - MISCELLANEOUS

Include:

1. Miscellaneous receipts which are credits to operation and maintenance expenses, clearing accounts or ERs, and miscellaneous revenues or income:
   a. Sales of ashes and cinders.
   b. Revenues from rentals and vending machines.
   c. Proceeds from the sale of scrap, property, etc.
   d. Billings for leased circuits and transmission lines.
   e. Billings for services rendered or supplies furnished.
   f. Commissions for collecting Pennsylvania Sales and Use tax.
   g. Loss recoveries from insurance companies.
   h. Credits resulting from miscellaneous billings, including rents.
   i. Credits for Workmen's Compensation checks signed over to the Company by an employee to partially offset salary or wages paid to him during a recovery from injury.
2. Nonoperating Rental Income.
3. Interest and Dividend Income.
4. Miscellaneous Nonoperating Income.

Exclude:

1. All revenues from sales of electricity or steam.
2. Credits for amounts due from vendors for materials returned to them (codes 25 and 26).
3. Credits for amounts due from transportation companies and others in connection with freight and damage claims (codes 21, 25 and 26).

**91 - CAPITAL WORK BY OUTSIDE CONTRACTORS - MATERIAL

Include:

1. Amounts paid to outside contractors working on PP&L Company capital construction projects for material and equipment supplied which become part of the physical facilities remaining after construction is completed.
2. Contract loading on material and equipment.

Exclude:

1. Costs of consumable materials such as gas, oil, rags, and miscellaneous lumber (code 92).

** These codes are restricted to use of specific Construction and Distribution Department personnel only.

BUDGET ITEM CODES

**92 - CAPITAL WORK BY OUTSIDE CONTRACTORS - LABOR AND EXPENSES

Include:

1. Amounts paid to outside contractors working on PP&L Company capital construction projects for labor and related costs.
   a. Direct labor costs
   b. Indirect labor costs
   c. Contract loading on direct labor
   d. Traveling and living expenses
   e. Equipment rentals
   f. Transportation expense
   g. Consumable materials such as gas, oil, rags, and miscellaneous lumber used to construct project.

Exclude:

1. Cost for material and equipment supplied which become part of physical facilities (code 91).

*98 - ACCOUNTING TRANSFERS

(This budget item is used only in connection with coding on Journal Entries prepared by the Financial Department.)

Include:

1. Credits to clearing accounts representing amounts distributed to other accounts.
2. Electricity and steam used in operations.
3. Credits to Account 18680 at the time costs, which were accumulated under special accounting orders, are distributed to applicable accounts.

* These codes are not normally used by field personnel.

** These codes are restricted to use of specific Construction and Distribution Dept. personnel only.

BUDGET ITEM CODES

*99 - BUDGET ITEM NOT REQUIRED

(This budget item code is used mainly for control purposes so that a budget item code will be inserted on every form where space is provided. The element of "Cost" (associated with budget item codes 11 through 90) is not present in many transactions, especially those involving only changes in the status of assets and liabilities, such as, advances of funds, refunds of deposits, payment of liabilities, investment of funds and collection of receivables. Therefore, code 99 is used whenever an element of "Cost" is not present. Code 99 may not be used for charges to income, expense or clearing accounts. Charges to these latter accounts are coded to the appropriate code (codes 11 through 90).

Include:

1. Advances for:
   a. Payroll or vacation.
   b. Travel and moving expenses.
   c. Used as a petty cash fund.
   d. Other reasons.
2. Refunds:
   a. Customer overpayments of accounts and notes.
   b. Security deposits and interest.
   c. Advances for construction (out-of-pocket expense deposit).
   d. Erroneous payroll deductions.
3. Collection of Receivables -
   Collections which are accounted for through general cash or the treasurer's working fund, such as:
   a. Rents.
   b. Accounts, Notes or Other receivables.
   c. Bills for appliance service.
   d. Retired employee hospitalization and group insurance premiums.
   e. Return of unexpended portion of advances.
   f. Return of petty cash or change fund.
   g. Withholding taxes from tuition refunds.
4. Amounts paid to banks to cover bad checks.
5. Cash Transfers:
   a. Transfers between banks.
   b. Replenish Treasurer's Working Fund balance
   c. Exchange for cash or check.
   d. Replenish Rent and Service Roll.
   e. Transfers to special accounts for Dividend and Interest payments.
6. Investments:
   a. Purchase of securities.
   b. Bonds purchased for Sinking Fund.
   c. Money loaned to others for which Company holds a note or mortgage as security.
7. Withholdings:
   a. From payroll.
   b. Contract retention.
8. Liquidation of liabilities.
9. Transfers between asset and liability accounts.
10. Sale of investments.

Pennsylvania Power & Light Company

Exhibit MJB 6

Operating Budget - Current Supplement

OPERATING BUDGET
CURRENT SUPPLEMENT

PREPARATION OF FORMS FOR THE 1982 OPERATING BUDGET

Detailed procedures for preparing Form 1676 -- Expenditures Other Than Payroll, Form 1677 -- Jobs Planned and Form 2341 -- Analysis of Work By Outsiders (BI 32) and Services (BI 33) are explained in Chapter 1203 in the Financial Department Manual.

After review and departmental approval, the original copy of the completed forms should be returned to the Financial Planning Division during the week of September 28, 1981.

Information Supplied

Actual Data for 12 months ending June 1981.
Rents and Services Payable under contracts in force at July 1, 1981 (where applicable).
Leased Equipment Budget - 1982 Rental (where applicable).

Forms Supplied

Form 1676 - Expenditures Other Than Payroll.
Form 1677 - Jobs Planned.
Form 2341 - Analysis of Work By Outsiders (B.I. 32) and Services (B.I. 33).

Forms 1676, 1677 and 2341 are stocked only in the Financial Planning Division and additional needs will be furnished upon request.

Hourly Rates for Vehicle Use

Vehicle Classes:		Rate Per Hour
1	Compact passenger cars	$ 3.00
2	Passenger cars other than compacts	$ 3.50
4	Light duty trucks and jeeps	$ 5.50
5	Medium duty trucks	$15.00
6	Heavy duty trucks	$18.00

Heavy Construction Equipment Classes:		
1	Bulldozers	$25.00
2	Pole hole diggers	$30.00
5	Front end loaders and backhoes	$14.00
6	Hydralift cranes	$25.00
7	Medium cranes	$13.00
8	Heavy cranes	$40.00

Department Overheads For Form 1677

Construction Department	=	50% of Construction Department labor.
Engineering Department	=	90% of Engineering Department labor.

Special Reminders

It is particularly helpful to have as much detail as possible in support of the dollars budgeted. Although there are no forms provided, any detail in whatever form you have it will be helpful. On Form 2341 -- Analysis of Work By Outsiders (BI 32) and Services (BI 33), space is provided for further explanations.

If your cost area has been involved in significant organizational changes within the past 12 months (either transfers in or out), the listing showing actual expenditures for the past 12 months may not be indicative of the level of expenditures to be experienced in 1982.

For certain Budget Items, actual expenditures are shown on your Responsibility Accounting reports, compared to budget, in the month the invoice is processed. This is usually a month or more after the actual work is done. Where possible, the budgeted dollars should reflect this lag in processing. See the instructions in Chapter 1203 of the Financial Department Manual.

Due to the nature of our business, our operating and maintenance expenses are affected by abnormal occurrences such as storms or forced outages at generating stations. Although it is impossible to predict such occurrences, some reasonable amounts should be budgeted to cover these situations. One approach would be to analyze the amount of these abnormal expenses over a period of time (for example 5 years) and budget an average amount per year based on this analysis. By doing this, you will more closely approximate what your actual expenses will be (over a period of time) than by budgeting nothing.

Please note that for those cost areas with leased equipment, two copies of the Leased Equipment Budget is provided. You are requested to verify that the leased equipment is "on hand and in good mechanical condition" and to return the second copy to the Manager-General Accounting. If the equipment is on hand and in good mechanical condition, your signature and date is all that is necessary. If not, please note the problem on the reverse side of the listing.

PREPARATION OF FORMS FOR THE 1983 OPERATING BUDGET

Detailed procedures for preparing Form 1676 -- Expenditures Other Than Payroll, Form 1677 -- Jobs Planned and Form 2341 -- Analysis of Work By Outsiders (BI 32) and Services (BI 33) are explained in Chapter 1203 in the Financial Department Manual.

After review and departmental approval, the original copy of the completed forms should be returned to the Financial Planning Division during the week of December 28, 1981.

Information Supplied

Actual Data for 12 months ending September 1981.
Rents and Services Payable under contracts in force at October 1981.
Leased Equipment Budget - 1983 Rental.
Form 1676 - Expenditures Other Than Payroll.
Form 1677 - Jobs Planned.
Form 2341 - Analysis of Work By Outsiders (B.I. 32) and Services (B.I. 33).

NOTE: The Leased Equipment Budget may be unavailable when the other forms are issued. If so, it will be distributed as soon as it is usable.

Forms 1676, 1677 and 2341 are stocked only in the Financial Planning Division and additional needs will be furnished upon request.

Hourly Rates for Vehicle Use

Vehicle Classes:		Rate Per Hour
1	Compact passenger cars	$ 3.50
2	Passenger cars other than compacts	$ 4.00
4	Light duty trucks and jeeps	$ 6.00
5	Medium duty trucks	$15.50
6	Heavy duty trucks	$18.50

Heavy Construction Equipment Classes:		
1	Bulldozers	$25.00
2	Pole hole diggers	$35.00
5	Front end loaders and backhoes	$15.00
6	Hydralift cranes	$26.00
7	Medium cranes	$14.00
8	Heavy cranes	$40.00

Department Overheads For Form 1677

Construction Department = 50% of Construction Department labor.

Engineering Department = 75% of Engineering Department labor.

Special Reminders

It is particularly helpful to have as much detail as possible in support of the dollars budgeted. Although there are no forms provided, any detail in whatever form you have it will be helpful. On Form 2341 -- Analysis of Work By Outsiders (BI 32) and Services (BI 33), space is provided for further explanations.

If your cost area has been involved in significant organizational changes within the past 12 months (either transfers in or out), the listing showing actual expenditures for the past 12 months may not be indicative of the level of expenditures to be experienced in 1983.

For certain Budget Items, actual expenditures are shown on your Responsibility Accounting reports, compared to budget, in the month the invoice is processed. This is usually a month or more after the actual work is done. Where possible, the budgeted dollars should reflect this lag in processing. See the instructions in Chapter 1203 of the Financial Department Manual.

Pennsylvania Power & Light Company

Exhibit MJB 7

Financial Department Instructions For Preparation of Operating Budget

PP&L

OPERATING BUDGET

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INTRODUCTION — This Chapter explains the procedures used in the annual preparation of estimates of clearing and operation and maintenance expense for use in the operating budget. Estimates are prepared on a cost area basis. The combined estimates of all cost areas serve as basic information used in making plans for the future operation of the Company. These budget estimates are the yardsticks against which costs of individual groups will be measured. In view of their importance, please strive for the most realistic estimates possible by appraisal of the budget year guided by past experience and present conditions.

RELATIONSHIP TO RESPONSIBILITY ACCOUNTING — One of the basic purposes of responsibility accounting is to establish responsibility and control of costs on a decentralized basis. In line with this purpose, each cost area should assemble its own budget data. This procedure will serve to familiarize cost area heads with the nature of costs for which they are responsible. It should also promote a better understanding of responsibility accounting and the reasons for variances when actual costs are matched with the budget.

PREPARATION TIME AND ROUTING FORMS — The dates for starting preparation and completion of estimates are specified in the Current Supplement to this Chapter. Forms are routed as follows:

Original of 1676, 1677 and 2341 - Financial Planning & Reporting Division - Financial Department

Copy of 1677 - Construction Manager, Manager-Engineering Services or Supt. -General Office Buildings, as appropriate.

Additional copies of these forms should be prepared to meet individual needs of the respective departments.

COSTS TO BE BUDGETED — The cost area budgets are to include those costs for which the area is responsible and which will be charged to operation and maintenance expense and clearing accounts.

Amounts to be charged to capital and other accounts are not to be included in the budgets.

NOTE: Even though budgeting covers costs to be charged to operation and maintenance expense and clearing accounts, all accounting documents processed must show budget item and cost area, regardless of account charged.

WHEN TO BUDGET COSTS — Budget all items in the month the costs are expected to be recorded on the Company books. In applying this rule note that:

Vendors' Invoices - A period of several weeks may elapse between the time services are performed or materials are received and the time applicable costs are recorded. This is because vendors' invoices are not always received promptly and, once received, a reasonable time is required to process them for payment.

Vehicle Use - In accounting for company vehicle and equipment use, the hours of use will follow the "pay period months" used in the payroll budget and include only the pay periods which end during that month. Use of company vehicles is estimated under budget item 14 and use of personal cars for company business is estimated under budget item 13.

Issue From Stores - The stores accounting month terminates 10 days prior to the end of the calendar month. This means that material withdrawn from stores in the last 10 days of a month will be recorded as business of the subsequent month.

INFORMATION FOR BUDGET PREPARATION — The following information is provided by the Financial Planning & Reporting Division for preparation of the budget:

a. Current Supplement to Chapter 1203
b. Actual Data for a 12 month period
c. Rents and Services Payable Under Contracts in Force around September 1 of the current year
d. Fleet Lease Budget - Rental for budget year

Items b, c and d are more fully described in the following paragraphs:

Actual Data for a 12 Month Ended Period

The actual data for the twelve months has been taken directly from the cost area responsibility reports for the months as indicated. Refer to Responsibility Accounting Audit Detail (07) reports on file in the cost area to check these amounts or to secure details.

Rents and Services Payable Under Contracts in Force

This information, furnished to applicable cost areas, is taken from the briefs and shows details of each payment. In addition, a summary has been included for each cost area that shows (1) the total payments which are scheduled to be made during each month of the year; (2) the applicable budget items; and (3) whether the payments are to be charged to expense or clearing accounts. Any charges to "other" accounts should be ignored.

Please review this listing and if you are in agreement, add the monthly amounts on Form 1676 under the indicated budget item.

If you have any questions about this listing or are not in agreement with the information shown, please contact the Financial Planning & Reporting Division. Copies of the briefs are available in the various division offices and may help to clarify the listings.

The "PAYABLE" column shown on the listing indicates the frequency and month(s) payment is due. This entry is interpreted as follows:

1. Monthly - payments are to be made monthly
2. Q-xx/xx/xx/xx - payments are to be made quarterly in the months shown.
3. Semi xx/xx - payments are to be made semi-annually in the months shown.
4. Annual xx - payment is to be made annually in the month shown.

Fleet Lease Budget - Rental

A listing of mobile and certain other equipment under lease is furnished to applicable cost areas. This includes equipment presently under lease plus additions, replacements, and removals which are expected to be made in the balance of this year and during the budget year. Rental charges for each item, which include interest, service charges, adjustments and monthly amortization, are shown by months and summarized to the appropriate expense and clearing totals.

Please review this listing and if you are in agreement, add the amounts shown under the expense and clearing summary to your cost area budget on Form 1676, budget item 36 - rents.

If you have any questions about this listing or are not in agreement with the information shown, please contact the Financial Planning & Reporting Division.

Preparation of Form 1676-Expenditures Other Than Payroll

The purpose of this form is to provide estimated monthly costs of budget items charged to clearing and expense. The following instructions are referenced to Illustration 1 and are a guide in the preparation of Form 1676.

(31) To be signed and dated by authorized person originating the form.

(32) To be signed and dated by authorized persons making the recommendations.

(33) Enter the cost area number and name.

(34) Actual costs for the 12 month ended period are to be inserted after the budget item descriptions on Form 1676. These should be helpful at all levels for visual comparison and examination of budget estimates.

(35) For each budget item, 13 through 90, as applicable, show the estimated cost for each month of the budget year chargeable to expense and/or to clearing. Enter the total cost for each budget item to expense and clearing.

(36) Enter the total of expense and clearing for all budget items for each month and the total year.

The details to be submitted for each budget item are stated below along with some suggestions on how to estimate costs. Please submit all estimates in whole dollar amounts.

The Schedule of Budget Item Codes in the Financial Department Classification of Accounts and the monthly Audit Detail (07) reports will be helpful in determining the types of items included in each budget item.

ILLUSTRATION 1 - Expenditures Other Than Payroll (Form 1676)

PT&L FORM 1676(3-73)

OPERATING BUDGET EXPENDITURES OTHER THAN PAYROLL

(Cols. 1-6 common to both records)

(55) Submitted By Paul F. Potter 10/1/73

Bud M. Tabor 10/1/73

(56) Recommended By L. M. Manning 10/4/73 (date)

(57) Cost Area No. BRO (2 3)

Cost Area Name ADMN.-TECH.

(58) Budget Item	17 Mod. Acct.	(59) Accts	Total	Jan	Feb	Mar	Apr	May	Jun		Jul	Aug	Sep	Oct	Nov	Dec	
			4 17 10 17 24	25 32	33 40	41 48	49 56	57 64	65	17 24	25 32	33 40	41 48	49 56	57 64	65	
13 Employee Expenses	2,248	E 131	2,000	200	100	200	200	100	200	1	100	200	200	200	100	200	2
	222	C 132	200	20	10	20	20	10	20	1	10	20	20	20	10	20	2
14 Vehicle & Equipment Use	14,521	E 141	15,000	1,250	1,250	1,250	1,250	1,250	1,250	1	1,250	1,250	1,250	1,250	1,250	1,250	2
	602	C 142	590	45	45	70	45	45	45	1	45	45	70	45	45	45	2
15 Stores Issued & Returns	4,921	E 241	5,500	400	400	500	500	600	600	1	500	400	400	400	400	400	2
		C 242								1							2
16 Materials Purchased	13,684	E 251	14,160	1,180	1,180	1,180	1,180	1,180	1,180	1	1,180	1,180	1,180	1,180	1,180	1,180	2
	11,248	C 252	12,240	1,020	1,020	1,020	1,020	1,020	1,020	1	1,020	1,020	1,020	1,020	1,020	1,020	2
17 Printing & Office Supplies	2,143	E 261	1,800	150	150	150	150	150	150	1	150	150	150	150	150	150	2
		C 262								1							2
18 Postage, Tele & Messenger Control	371,432	E 311	320,400	16,000	18,000	21,000	21,200	21,000	20,000	1	29,200	34,600	39,200	37,200	15,000	28,000	2
		C 312								1							2
19 Work by Outsiders	6,422	E 321	4,340	320	410	350	350	430	390	1	260	330	320	380	350	450	2
	2,162	C 322	1,700	100	180	140	140	180	100	1	100	160	150	160	130	160	2
11 Services	500	E 331	500	40	40	40	50	40	40	1	40	50	40	40	40	40	2
		C 332								1							2
12 Insurance	1,865	E 341	1,900	160	160	160	160	150	160	1	160	160	150	160	160	160	2
		C 342								1							2
13 Telephone & Leased Wires	8,621	E 351	8,760	730	730	730	730	730	730	1	730	730	710	710	710	730	2
		C 352								1							2
14 Rents	17,431	E 361	19,417	1,795	425	394	1,424	1,694	4,060	1	582	594	573	470	3,301	4,105	2
		C 362								1							2
17 Advertising		E 371								1							2
		C 372								1							2
41 Uncollectible Accounts		E 431								1							2
		C 432								1							2
42 Contributions, Dues & Membership Fees		E 471								1							2
		C 472								1							2
19 Miscellaneous	2,619	E 491	2,600	210	210	210	220	220	220	1	220	210	210	220	210	220	2
		C 492								1							2
11 Receipts Miscellaneous		E 901								1							2
		C 902								1							2
		E								1							2
		C								1							2
(59) TOTALS	446,407	EXPENSE	396,377	22,435	23,055	26,164	27,414	27,549	28,980		34,372	39,854	44,401	42,380	42,891	36,885	
	14,234	CLEARING	14,730	1,185	1,255	1,250	1,275	1,235	1,185		1,175	1,245	1,200	1,245	1,305	1,245	

(58) BUDGET ITEM 13 - EMPLOYEE EXPENSES

Details To Be Submitted - Schedule showing separately the amount budgeted for (1) employee moving expenses, (2) estimated cost of use of personal car and, (3) all other employee expenses.

Suggestions - This budget item includes only expenses incurred by employees of the particular cost area. Costs may be higher or lower than the experience due to:

1 - Use of personal car for company business.
2 - Moving expenses for employees who are transferred to new work locations.
3 - Change in the number of employees in the cost area.
4 - Change in overtime which may involve employee expenses.
5 - Out-of-town meetings to be attended.
6 - Change in the volume of capital vs. expense or clearing work to be performed.

In many instances the portion of employee expenses charged to expense, clearing, capital or other has a relationship with the manhours spent on these categories. Accordingly, the data on manhours and payroll costs, shown on the level 05 responsibility report may be helpful to some cost areas in estimating employee expenses.

Employee expenses incurred while attending a management development course or skills related training programs sponsored by the Personnel Department will be budgeted and absorbed by Cost Area 235 - Training and Development. This cost area is in the best position to forecast overall Company training and personnel development requirements, which may be unknown by specific cost areas at the time of budget preparation. Personal travel expenses incurred to and from a training course should be absorbed by the attendee's cost area.

(58) BUDGET ITEM 14 - VEHICLE AND EQUIPMENT USE

Details To Be Submitted - Hours of usage and applicable dollars budgeted for each of the seven classes of vehicles as follows:

Vehicle Class Number	
1	Compact passenger cars
2	Passenger cars other than compacts
4	Light duty trucks and jeeps
5	Medium duty trucks
6	Heavy duty trucks

Suggestions - The charge for vehicles used during the budget year should be determined based on the rate per hour shown in the Current Supplement to this Chapter.

In estimating the hours of use expected in the budget year, it may be helpful to look at the past experience which is available on the monthly Audit Detail (07) report for each cost area. Remember that only usage chargeable to operation and maintenance expense and clearing accounts is to be budgeted. Hours of usage in the budget year may be higher or lower than the prior year, due to:

1 - Use of personal car (budget item 13) instead of company car.

2 - Change in the number or type of vehicles assigned to or used by cost areas.
3 - Change in the usage of vehicles.
4 - Change in the capital vs. expense or clearing work to be performed.

BUDGET ITEM 24 - STORES ISSUES AND RETURNS

Details To Be Submitted - Memorandum showing amount included in total for write-off of obsolete or otherwise unusable items.

Suggestions - This budget item includes the cost of net issues of stock items from area, power plant, or meter department storerooms, as well as the cost of any obsolete or otherwise unusable items to be written off. It does not include stationery and office supplies issued from the stock of such items maintained at the Lehigh Division Service Center.

Many cost areas have little or no occasion to use stores materials and will budget nothing for this item. Cost areas which use stores materials on a regular basis should use past experience, but recognize changes in the level of work when estimating stores materials (for other than capital jobs) for the budget year. For example, when a generating station plans a major overhaul of a unit in the budget year, the stores material to be used should be added to requirements for normal plant maintenance.

BUDGET ITEM 25 - MATERIALS PURCHASED

Details To Be Submitted -

Generating Stations - Detail by jobs.
Other cost areas - No detail required.

Suggestions - This budget item includes all materials (except printing and office supplies) purchased directly from outside suppliers. The budget should reflect the material requirements of the cost area based on the type and volume of work expected.

BUDGET ITEM 26 - PRINTING AND OFFICE SUPPLIES

Details To Be Submitted - None required

Suggestions - This budget item includes printing and office supplies purchased directly from outside suppliers. It does not include the cost of such supplies issued from stock maintained at the Lehigh Division Service Center. The budget should represent the cost of items expected to be purchased during each month. The last year's costs incurred for this budget item should give some feel for the monthly magnitude that might be expected in the budget year.

BUDGET ITEM 31 - CONTRACT TREE AND BRUSH CONTROL

Details To Be Submitted - Schedule showing the following types of information:

Number of trees to be trimmed or removed.
Number of acres to be sprayed.
Number of acres to be hand cut or mowed.
Number of acres of right-of-way widening.

BUDGET ITEM 32 - WORK BY OUTSIDERS
BUDGET ITEM 33 - SERVICES

Details To Be Submitted - See Preparation of Form 2341 - Analysis of Work By Outsiders and Services.

Suggestions - Economic analyses should be made in justifying the use of outside contractors versus accomplishing the work with Company manpower.

An approach to budgeting for work by outsiders is to:

1 - Prepare a list of services or of work performed by contractors (with amounts paid) incurred or to be incurred by the cost area in the current year. (For 7 months, this can be compiled from the Audit Detail (07) reports.)

2 - Delete from the list, work which will not be repeated in the budget year.

3 - Add to list any additional work expected in the budget year.

4 - Review all estimated work to see that costs are realistic, based on conditions expected to exist in the budget year.

BUDGET ITEM 34 - POSTAGE

Details To Be Submitted - None required.

Suggestions - For those cost areas that incur postage only in connection with routine day-to-day correspondence, the budget can probably be based on the prior year's costs.

Those cost areas incurring postage in connection with large volume mailings should base their postage estimate on the volume expected in the budget year along with announced increases in postal rates.

BUDGET ITEM 35 - TELEPHONE AND LEASED WIRES

Details To Be Submitted - None required.

Suggestions - Probably the best approach is to examine the telephone and leased wires charges to your cost area for some recent months. The Audit Detail (07) report will be helpful in establishing this background. If no substantial changes in the present telephone or leased wire equipment are expected, the amount of the current bills can be budgeted for each month in the budget year. If substantial changes are expected, their related cost should be added or deducted from the charges currently being incurred.

Telephone costs under the centrex system for the General Office, Training Center, and Lehigh Division will be budgeted by Cost Area 707 - Real Estate. However, respective Cost Area Heads will receive the detail of telephone charges under the centrex system as a memorandum report separate from Responsibility Accounting.

BUDGET ITEM 36 - RENTS

Details To Be Submitted - For items not included in the listings of Rents and Services Payable or Fleet Lease Budget Rental, describe the facilities or equipment under lease and show the amount of rents to be paid. Examples: (1) fleet trains, (2) computer equipment, (3) buildings, (4) other equipment.

New Facilities and Equipment to be Added in the Budget Year

For any new items not included in the "Fleet Lease Budget - 19-- Rental" list the following:

1. Description
2. Estimated purchase price
3. Expected life in years
4. Amount of monthly rent

BUDGET ITEM 37 - ADVERTISING

Details To Be Submitted - Breakdown of monthly budgeted amounts by appropriate categories, such as: institutional, employee matters, stockholders' matters, etc. with further details as to programs involved and media to be used.

Suggestions - Communication Services has the responsibility for most advertising. Any other cost area expecting to incur costs under this budget item should contact the Financial Planning & Reporting Division before proceeding.

BUDGET ITEM 42 - FIRE AND CASUALTY INSURANCE

The Treasury Division has the responsibility for the total Company cost of fire and casualty insurance. Any other cost area expecting to incur costs under this budget item should contact the Financial Planning & Reporting Division before proceeding.

BUDGET ITEM 43 - UNCOLLECTIBLE ACCOUNTS

Details To Be Submitted - Show the estimated write-off (net of estimated recoveries) of accounts receivable for:

Electric customers	(Account 14410)
Steam heat customers	(Account 14490)
Other	(Account 14440)

Suggestions - Customer service centers and Real Estate have the responsibility for uncollectible accounts. No other cost areas should use this budget item. The estimates of these groups should reflect the net write-offs expected in the budget year. Prior year's history will, of course, prove helpful, but recognition should be given to such matters as changes in the number of customers, increased usage by customers, changes, if any, in cut-off or collection policies, etc.

BUDGET ITEM 47 - CONTRIBUTIONS, DUES AND MEMBERSHIP FEES

Details To Be Submitted - Breakdown by major categories: contributions, dues and/or membership fees - specifically listing major items.

Suggestions - Budget for any expected contributions, dues or membership fees except for contributions to charitable institutions and organizations for the public welfare (churches, colleges, hospitals, Red Cross, United Fund, etc.). The budgeting of these items is coordinated and submitted by the Personnel Department.

BUDGET ITEM 49 - MISCELLANEOUS

Details To Be Submitted - List showing items or types of items which are expected to total $5,000 or more for the year, by months.

Suggestions - The type and dollar amount of items charged to miscellaneous varies widely throughout the Company. Those cost areas having miscellaneous charges should review the Audit Detail (07) reports and other data to ascertain the exact nature of its charges. All cost areas should review the types of items chargeable to budget item 49 (see Budget Item Codes Schedule in the Financial Department Classification of Accounts) as a checklist for costs which may be incurred.

BUDGET ITEM 90 - RECEIPTS - MISCELLANEOUS

Details To Be Submitted - Type of receipts budgeted.

Suggestions - Normally this budget item is used by the following groups:

Generating stations - for payments received from sale of ashes, etc.

Financial Department - for various commissions received.

ITEMS NOT BUDGETED ON FORM 1676 — Budget items not provided for on Form 1676 but handled elsewhere are as follows:

(39) BUDGET ITEM 11 - PAYROLL
BUDGET ITEM 12 - EMPLOYEE TAXES AND BENEFITS

Space has not been provided on Form 1676 for estimating costs for these two budget items. The payroll data submitted by each cost area on Forms 1450 and 1451, i.e., manpower requirements and overtime and shift hours (Chapters 1201 and 1202), will be used to prepare the Company payroll budget and also to prepare a monthly budget of payrolls and employee taxes and benefits for use in the cost area responsibility budgets.

The Treasury Division is responsible for estimating the total cost to the Company of employee taxes and benefits.

(40) BUDGET ITEM 41 - CHARITABLE CONTRIBUTIONS

In accordance with FPC accounting, contributions for charitable, social or community welfare purposes may not be charged to operation and maintenance expense or clearing accounts. Accordingly, space has not been provided on Form 1676 for estimating costs for budget item 41. The amounts includable under this budget item are submitted by respective cost areas to the Personnel Department where the corporate budget for this category is prepared.

ILLUSTRATION 2 - Jobs Planned (Form 1677)

FPAL FORM 1677 (8-71)

OPERATING BUDGET
JOBS PLANNED

(1) SUBMITTED BY _____ (3) COST AREA NO. 880

(2) RECOMMENDED BY _____ (3a) COST AREA NAME Admin. - Tech.

ITEM NO	(4) DESCRIPTION	MONTH Start	MONTH Fin	TOTAL	MATL. & SUPPLIES	LABOR	DEPT. OVERHEAD	OUTSIDE CONTR.	OTHER COSTS	M&S TO BE SUPPLIED BY COST AREA (13)
1	Newtown-Lukins 66 kv Line - Replace 1 pole of 2-pole "H" frame structures, including timbers at 14 locations (5)	1	6	$24,820 (7)	$2,510 (8)	$15,390 (9)	$4,620 (10)	(11)	$2,300 (12)	
2	Renovu wood poles and lower overhead ground wire on 18-220 kv towers on Beaver-Thompson Line	5	12	12,990	1,390	8,000	2,400		1,200	
	(14) TOTAL			$37,810	$3,900	$23,390	$7,020		$3,500	

(15) SUMMARY BY MONTHS

JANUARY	4,140	420	2,565	770		380
FEBRUARY	4,140	420	2,565	770		380
MARCH	4,140	420	2,565	770		380
APRIL	4,140	420	2,565	770		380
MAY	5,750	585	3,565	1,070		540
JUNE	5,750	585	3,565	1,070		540
JULY	1,620	170	1,000	300		150
AUGUST	1,620	170	1,000	300		150
SEPTEMBER	1,620	170	1,000	300		150
OCTOBER	1,620	170	1,000	300		150
NOVEMBER	1,635	185	1,000	300		150
DECEMBER	1,635	185	1,000	300		150
TOTAL (As above)	$37,810	$3,900	$23,390	$7,020		$3,500

(16) TO BE ASSIGNED TO:

☒ CONSTRUCTION DEPT. ☐ GENERAL OFFICE BUILDING DEPT.

☐ ENGINEERING DEPT.

NOTE: Use a separate form for each of the above

Preparation of Form 1677 - Jobs Planned

The purpose of Form 1677 is to provide details of expense jobs for operating budget or interdepartmental planning purposes which are to be assigned to:

Construction Department
General Office Building Department
Engineering Departments

A separate form should be used for each of these groups, with the appropriate box (in the lower left-hand corner) checked to indicate the group.

Construction Department Jobs

In budgeting expense jobs to be assigned to the Construction Department, include all costs except labor by local cost areas.

General Office Building Department Jobs

In order to allow the General Office Building Department to better plan their requirements for the coming year, each applicable cost area should submit estimates of projects that will be requested of the General Office Building Department for the budget year. Projects such as the relocation of office furniture or equipment, repairs to equipment, and changing telephone instruments should be included.

Engineering Department Jobs

Each cost area requesting services from the Engineering Department should submit cost estimates for the work to be performed. The estimates should represent the costs to be incurred during the budget year for jobs which are currently underway and will continue into the budget year, as well as new jobs which will be requested during the budget year. In both instances, the Engineering Department should be contacted for estimated costs.

The following instructions are referenced to Illustration 2 and are a guide in the preparation of Form 1677.

1. To be signed and dated by authorized person originating the form.
2. To be signed and dated by authorized person making the recommendation.
3. Enter the cost area number and name.
4. Each job should be assigned a number for reference purposes.
5. Briefly describe each job.
6. Indicate the months the job is expected to start and finish.
7. Show the total estimated cost of the job. The amounts shown in columns 8 through 12 for materials and supplies, labor, department overhead, outside contractors and other costs should add to this total. All amounts should be expressed to the nearest dollar. Materials and supplies to be furnished by the cost area (as shown in column 13) are not to be added into the total.
8. Show the total estimated cost of materials and supplies to be furnished by the Construction, Engineering, or Building Departments, including items to be withdrawn from stores and items purchased directly for the job. (Show separately the estimated cost of materials to be furnished by the cost area in the last column) Estimated costs for line material to be withdrawn from stores should include applicable stores expense and minor material charges (if any). Materials to be supplied by outside contractors should be included in the estimated amount to be paid to the contractor and should not appear in this column.
9. Show estimated cost of labor at average current wage rates.
10. To estimate department overheads, use the applicable rates shown in the Current Supplement to this Chapter.
11. Show estimated amounts to be paid to contractors. If the work by contractors is incidental to a job assigned to the Construction Department and the Construction Department will arrange for and be responsible for the contract, include the cost of the contract as part of your estimate of the job assigned to the Construction Department. However, if the cost area arranges for the contract and is directly responsible for its execution, treat the cost of the contract as part of your estimate for budget item 32 (Work by Outsiders).
12. Show estimate of other costs not specifically covered by materials and supplies, labor, department overhead, and outside contractors. The major items included in this column will be: motor vehicle and heavy construction equipment charges, and employee expenses.
13. Show estimated cost of materials to be furnished by the cost area. Note that this column is not added into the total column.
14. Enter the total of each column.
15. The total of each column should be detailed by months in which the costs are expected to be entered on the Company records. Retain all papers used in arriving at monthly amounts so that questions about work and costs budgeted in any month can be answered.
16. Check the appropriate block, indicating which group is to be assigned the jobs shown on the form. A separate form should be used for each of these groups.

ILLUSTRATION 3 - Analysis of Work by Outsiders and Services (Form 2341)

PP&L FORM NO. 2341

OPERATING BUDGET EXPENDITURES OTHER THAN PAYROLL

ANALYSIS OF WORK BY OUTSIDERS (BI 32) AND SERVICES (BI 33)

COST AREA

PAGE 1 OF 1

BI NO.	WORK PERFORMED BY	NATURE OF WORK OR SERVICE	Code	COST Expense	COST Clearing
32	VARIOUS OFFICE SUPPLIERS	SERVICE OF OFFICE EQUIPMENT	4	3000	
32	KELLY GIRLS	TEMP. OFFICE HELP	5		4500
33	NY STOCK EXCHG	LISTING ON STOCK EXCHG	7	30000	
33	RESPONSE ANALYSIS	FEASIBILITY SURVEY REASON: INDEPENDENT INPUT NEEDED	9	4000	

	TOTAL EXPENSE	TOTAL CLEARING	BI TOTAL
BI 32	3,000	4,500	7,500
BI 33	34,000	-	34,000

(COMPLETE ON LAST PAGE ONLY)

CODE (REASON FOR WORK BY OUTSIDERS AND SERVICES)

1. Insufficient Expertise
2. Need Specialized Equipment
3. Lack of Needed Manpower
4. Equipment Servicing
5. Peak In Work Load
6. More Economical (Cost/Benefit Analysis)
7. Work Required by Outsider (i.e. Fin. Audit)
8. Needed to Meet Scheduled Completion Date
9. Other (Specify Reason under Nature of Work or Service)

Preparation of Form 2341 - Analysis of Work By Outsiders and Services

As part of the budgeting process, this form can be used to identify in a standardized format, the work to be performed by other than PP&L employees as an aid in reviewing and approving budgets within the various departments.

The following instructions are referenced to Illustration 3 and are a guide to preparation of Form 2341.

(1) The cost area budgeting for work by outsiders (B. L. 32) or services (B. L. 33).

(2) The page number and how many pages are submitted in total.

(3) The Budget Item Number (32 or 33). All work under Budget Item 32 should be shown first, then all work under Budget Item 33.

(4) The name or abbreviation for the individual or Company performing the work.

(5) This space may be used for additional detail if needed, however, only the first line is keypunched.

(6) The nature of the work to be performed.

(7) The code indicating the best reason for work by outsiders and services. Insert the single most appropriate code shown at the bottom of the form in the column titled "code". If code 9 (Other) is used, briefly note the reason in the "Nature of Work or Service" column.

(8) The estimated cost to be charged to expense or clearing accounts in whole dollars.

(9) The total of Budget Item 32 and Budget Item 33 should be shown on the last page only.

8/8/77

Pennsylvania Power & Light Company

Exhibit MJB 8

Operating Budget Data - 12 Months Ended
July 31, 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Operating Budget Data
12 Months Ended July 31, 1983

(Thousands of Dollars)

	PP&L Budget (1)	Steam Heat (2)	Electric (3)
Operating Revenues			
Electric	$1,262,407	$ --	$1,262,407
Steam Heat	7,903	7,903	--
Total Operating Revenues	1,270,310	7,903	1,262,407
Operating Expenses			
Net Cost of Energy			
Fuel	754,891	5,005	749,886
Power Purchases	120,947	1,602	119,345
Interchange Power Sales	(508,903)	--	(508,903)
	366,935	6,607	360,328
Wages and Employee Benefits	183,612	1,440	182,172
Other Operating Costs	149,416	374	149,042
Total O&M Expenses 1/	699,963	8,421	691,542
Depreciation Expense	96,361	288	96,073
Deferred Susq. Operating Expenses	20,417	--	20,417
Taxes			
Taxes Other Than Income Taxes	118,406	120	118,286
Income Taxes	76,268	(631)	76,899
Deferred Income Taxes-Net	62,694	1	62,693
Investment Tax Credits			
Deferred	(36,500)	--	(36,500)
Amortization of Deferments-Credit	(2,269)	(10)	(2,259)
Total Taxes	218,599	(520)	219,119
Total Operating Expenses	1,035,340	8,189	1,027,151
Operating Income	$ 234,970	$ (286)	$ 235,256

1/ Operating and Maintenance expenses are budgeted by category of expenditure and not by account.

Pennsylvania Power & Light Company

Exhibit MJB 9

Electric Operating Budget Data By Quarters -
12 Months Ended July 31, 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Operating Budget Data By Quarters
12 Months Ended July 31, 1983

(Thousands of Dollars)

	Total Electric	Aug. & Sept. 1982	4th Qtr. 1982	1st Qtr. 1983	2nd Qtr. 1983	July 1983
Operating Revenues	$1,262,407	$190,923	$310,803	$353,267	$306,710	$100,704
Operating Expenses						
Net Cost of Energy						
Fuel	749,886	115,711	189,551	218,964	157,087	68,573
Power Purchases	119,345	678	26,395	60,398	30,431	1,443
Interchange Power Sales	(508,903)	(58,797)	(124,830)	(164,310)	(107,917)	(53,049)
	360,328	57,592	91,116	115,052	79,601	16,967
Wages and Employee Benefits	182,172	29,837	43,907	42,999	48,871	16,558
Other Operating Costs	149,042	23,322	33,856	36,722	40,545	14,597
Total O&M Expenses	691,542	110,751	168,879	194,773	169,017	48,122
Depreciation Expense	96,073	15,012	22,518	23,913	25,339	9,291
Deferred Susq. Operating Expenses	20,417	--	--	--	12,151	8,266
Taxes						
Taxes Other Than Income Taxes	118,286	18,062	27,112	33,304	29,786	10,022
Income Taxes	76,899	13,994	9,098	24,484	21,521	7,802
Deferred Income Taxes-Net	62,693	1,157	49,433	992	7,899	3,212
Investment Tax Credits						
Deferred	(36,500)	(2,720)	(30,666)	10,326	(9,995)	(3,445)
Amortization of Deferments-Credit	(2,259)	(436)	(69)	(654)	(768)	(332)
Total Taxes	219,119	30,057	54,908	68,452	48,443	17,259
Total Operating Expenses	1,027,151	155,820	246,305	287,138	254,950	82,938
Operating Income	$ 235,256	$ 35,103	$ 64,498	$ 66,129	$ 51,760	$ 17,766

Exhibit MJB 9

Pennsylvania Power & Light Company

Exhibit AJB 1

Tariff Supplement No. 2
to Electric Pa. P.U.C. No. 199

Witness: Andrew J. Baldwin

Docket No. R-822169

RECEIVED
JAN 28 1983
SECRETARY'S OFFICE
Public Utility Commission

Hbg 1/25/83
E. Holbert

DOCUMENT FOLDER

DOCKETED
JAN 31 1983

Supplement No. 2
Electric Pa. P.U.C. No. 199

PENNSYLVANIA POWER & LIGHT COMPANY

GENERAL TARIFF

RULES AND RATE SCHEDULES
FOR ELECTRIC SERVICE

In the territory listed on pages 4 and 4A
and in adjacent territory served.

ISSUED November 22, 1982

EFFECTIVE January 22, 1983

Issued by
ROBERT K. CAMPBELL, PRESIDENT
Two North Ninth Street
Allentown, Pa.

NOTICE

THIS SUPPLEMENT MAKES CHANGES IN EXISTING RULES AND RATES. SEE PAGE TWO.

LIST OF CHANGES MADE BY THIS SUPPLEMENT

CHANGES - INCREASES AND DECREASES:

Rule 3, Extension of Service Page 7A	Reapportionment and Waiver of Line Extension Guarantee: corrects typographical error.
Rule 9, Billing and Payment For Service Page 13A	Trended Billing: Added to permit gradual change in budget billing if rates are increased. Returned Check Charge: designation changed from F to G.
Energy Cost Rate Page 15A	Base energy cost is decreased from 14.115 mills to 9.683 mills reflecting a net decrease in energy costs.
Rate Schedules - General Pages 20 to 34, incl.	All rate levels increased.
Rate RS Page 20 & 20A	Separate Water Heating Service: Revises available service hours. Deletes acceptable water heater specifications which are now stated in the Application Provisions section. Eliminates the 80 gallon minimum tank size. Application Provisions: Item added covering general specification for acceptable electric water heater installations. Also, requires customer to provide and install any control device specified by the Company.
Rate RTS Page 21	On Peak Hours: Hours changed to include 12 hour operation within the 14 hour system peak. Application Provisions: modifies definition of load management capability to include other than electric systems. Also, reserves the right of the Company to install necessary devices to control the electric components of the thermal storage systems at its option.
Rate RTD Page 28	New time-of-day rate schedule for residential service other than farm service. Derived from discontinued experimental rate schedule RX with Application Provisions suitable for general rate application added. Billing of demand charges limited for former RX customers.
Rate SM Page 32 & 32A	Application: 20,000 lumen and 51,000 lumen mercury vapor lamps are limited to existing applications. Part of text on Page 32 is moved ahead to Page 32A.
Rate Schedules - Restricted Page 35 to Page 42A, incl.	All rate levels increased.
Blank Page Page 36	Formerly Rate Schedule RX(R), Residential Service - Experimental Rate which is discontinued in conjunction with adoption of new rate schedule RTD. All existing RX customers moved to rate RTD.
Rate SI-1(R) Page 37	Revised to include lamps previously serviced under Rate Schedule SI-6(R).
Blank Page Page 39	Formerly Rate Schedule SI-6(R), Incandescent Street Lighting Service which is discontinued. All SI-6(R) service is transferred to Rate SI-1(R).
Rate GH-1(R) Page 40	Net Monthly Rate: Primary Credit provision deleted. Not applicable to any existing customers.

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RULE 3 - EXTENSION OF SERVICE (CONTINUED)

D. EXTENSIONS ON CUSTOMER'S PROPERTY

All service extensions on a customer's own property used solely for his service are installed under Tariff Rule 4.

E. LINE EXTENSIONS FOR DEVELOPMENT AREAS

The Company constructs line extensions to supply service to customers in residential, commercial or industrial developments in specific areas, with annual guarantees determined in accordance with Section B or C hereof, based on the number of customers which the Company knows are to be served in the development within two years from initial construction. The developer (or property owner) provides, without charge to the Company, right-of-way for lines and equipment which is suitable in the opinion of the Company for the installation of Company facilities throughout the development. Suitable right-of-way includes, but is not limited to, providing ground line clearing of trees, brush and other obstructions, rough grading, and access by mechanical construction equipment.

F. ANNUAL GUARANTEE

(1) The total guarantee for a line extension is divided among the customers to be supplied initially from the line extension to determine the total amount to be guaranteed per customer which is then divided by the number of years in the initial term of the contract to determine the customer's annual guarantee. A customer may assume more than a pro rata share of the guarantee for the line extension.

(2) The Company reserves the right to determine the guarantee of a customer on the proportionate length of the line extension used in common with other customers plus the additional length required to serve the individual customer.

(3) Each customer agrees that when the net service bills rendered during the period from the start of the initial term of the contract to the end of the current year total less than the sum of the customer's annual guarantee over that period, then the difference becomes due and payable.

G. TEMPORARY AND SEASONAL SERVICE

(1) The Company supplies temporary service in accordance with the provisions of Rule 7, without affecting the guarantees of any other customer on the line extension.

(2) The Company supplies seasonal service from line extensions with annual guarantees determined under B or C hereof, whichever is appropriate. Service with annually recurring connection and disconnection or under another rate schedule during the remaining months is also subject to the provisions of Rule 7, Temporary and Seasonal Service. Whenever the annual minimum in Rule 7 is greater than the annual line extension guarantee in this rule, then the seasonal service annual minimum applies immediately rather than the annual line extension guarantee. However, only the annual line extension guarantee affects the line extension guarantees of any other customer on the line extension.

H. REAPPORTIONMENT AND WAIVER OF LINE EXTENSION GUARANTEE

(1) When additional customers are connected to an existing or additional line extension the remaining total amount to be guaranteed for the existing line extension is reapportioned for all customers including the new customers, providing such reapportionment does not increase the guarantees of the existing customers. Otherwise, the additional line extension is considered as a new line extension.

(2) When the accumulated revenue from the start of the initial term of contract equals the total amount to be guaranteed by the customer, service is supplied without the application of the annual guarantee determined under this rule. (C)

(C) Indicates Change

RULE 9 - BILLING AND PAYMENT FOR SERVICE (CONTINUED)

E. H.U.D. FINANCED HOUSING

Budget billing for service is available to master metered electrically heated multi-family dwelling units during the time that such unit is either owned by the Federal Department of Housing and Urban Development or subject to a first mortgage held or guaranteed by that agency.

At the option of the customer the Company will make an estimate, subject to revisions when conditions warrant, of the total charge for electric service to be billed hereunder for a twelve month period. A budget bill for approximately one-twelfth of such estimate will be rendered monthly. Appropriate adjustments will be made during the period so that total payment for each 12 month budget billing cycle will be equal to actual charges under the rate for the same 12 months. If a budget bill is unpaid when the next monthly bill is rendered, the budget arrangements for billing may be terminated by the Company.

F. TRENDED BILLING (C)

The Company may institute a trended billing procedure for customers on the Budget Billing Program following a Commission approved rate change.

G. RETURNED CHECK CHARGE (C)

If a check received in payment of a customer's account is returned to the Company unpaid by the customer's bank and cannot be redeposited by the Company for payment on the second attempt, a $7.00 charge for the returned check will be added to the customer's account.

(C) Indicates Change

ENERGY COST RATE (CONTINUED)

S_t = The Company's total KWH sales to customers (including Company use) projected for the computation year (c) excluding firm sales to other utilities the costs with respect to which are excluded from F.

S_r = The Company's KWH sales to which the ECR applies projected for the computation year (c).

$\frac{F_b}{S_b}$ = Base energy costs of 9.683 mills per kilowatt-hour. (Effective 1-22-83) (D)

T = The Pennsylvania gross receipts tax rate in effect during the billing month, expressed in decimal form.

Minimum bills shall not be reduced by reason of this ECR, nor shall charges hereunder be a part of the monthly rate schedule minimum. The ECR shall not be subject to any credits or discounts and shall not be affected by the tax adjustment surcharge.

The Company shall file quarterly reports within thirty (30) days following the conclusion of each computation year quarter. These reports will be in such form as the Commission shall have prescribed. The third quarter report shall be accompanied by a tentative estimate of the energy cost rate for the next computation year.

The application of the ECR shall be subject to continuous review and to audit by the Commission at such intervals as the Commission shall determine. The Commission shall continuously review the reasonableness and lawfulness of the amounts of the charges produced by the ECR and the charges included therein.

If from such audit it shall be determined, by final order entered after notice and hearing, that this ECR has been erroneously or improperly utilized, the Company will rectify such error or impropriety, and in accordance with the terms of the order apply credits against future ECR computations for such revenues as shall have been erroneously or improperly collected. The Commission's order shall be subject to the right of appeal.

(D) Indicates decrease

RATE SCHEDULE RS
RESIDENTIAL SERVICE

APPLICATION OF RATE SCHEDULE RS

This rate schedule is for single phase residential service in accordance with the APPLICATION PROVISIONS hereof. The Multiple Dwelling Unit Application is restricted to eight or less dwelling units for applications after August 26, 1976 and further to buildings converted to multiple dwelling units for application after June 28, 1980. The application of the demand credit provision is limited to customers selected for RS Demand Billing experiment for a period of 3 years ending January 1, 1985.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$4.75 Per Month Plus
8.0 cts. per KWH for the first 200 KWH.
6.0 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $4.75.

DEMAND REDUCTION CREDIT (Effective to 1-1-85)

Demand may be metered and billed at locations where consumption on the general use meter alone exceeds 50,000 KWH in the 12 month period ending July 31, 1981 and at such other locations selected by the Company for demand research study. Metered KW is the average KW supplied during the 15 minute period of maximum use during the current billing period taken to the nearest whole KW. In any month when energy use is 2,000 KWH or less, demand billing is not applied.

Demand billing is a credit at the rate of $3.00 per whole KW reduction of metered KW below a demand base computed as follows:

Demand Base = .0027 x (Monthly KWH) + 5.7 KW.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

MULTIPLE DWELLING UNIT APPLICATION

When multiple dwelling units are supplied through one meter, the monthly minimum charge plus each energy block of the above rate is multiplied by the number of dwelling units in the determination of the net monthly bill. Demand billing does not apply under this provision.

SEPARATE WATER HEATING SERVICE (C) (I)

When water heating use is supplied exclusively through a separate meter and is equipped with automatic timing controls, water heating service is billed separately at the rate of $4.50 per month plus 2.8 cts. per KWH for all KWH use, with a monthly minimum charge of $4.50.

Service through the water heater meter is limited to any consecutive 12 hours starting and ending on the hour, within the 14-hour period of 7 PM to 9 AM local time and all day Saturday and Sunday. Service hours may be changed by the Company as required to correspond to system off-peak demand, but in no event will water heater service be available for less than 12 hours in any 24 hour period. Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted. (C)

The customer provides the separate meter base and service entrance at the same point of delivery and at the same voltage as the general use service. The customer also provides and installs any control device specified by the Company to automatically control the water heater operation. (C)

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE RS (CONTINUED)

APPLICATION PROVISIONS

(1) This rate schedule is for single phase electric service for:

(a) A single family dwelling and appurtenant detached buildings.
(b) A separate dwelling unit in an apartment house.
(c) A single farm dwelling and general farm uses.
(d) A building previously wired for single meter service which is converted to not more than 8 separate dwelling units served through one meter.

(2) This rate schedule does not apply to:

(a) Residential service that includes more than 2,000 watts of connected load attributable to commercial or professional use exclusive of space heating and air conditioning in common with the residence.

(b) Residential service combined with any commercial or professional use outside the residence or in a section of a multi-use building that is separate from the dwelling unit.

(c) Service which includes common use for halls, basement, or other portions of an apartment building.

(d) Single meter service to multiple dwelling units in buildings constructed after June 28, 1980.

(e) Establishments recognized by name, notice or advertisement, such as hotels, clubs, fraternities, boarding houses, institutions, orphanages, rest homes, tourist homes and rooming houses with more than 3 rooms available for such use and rectories and convents with accommodations for more than 5 adults.

(3) Where any use of service at a residence or on a farm is not eligible for the application of this rate schedule, customer has the option to provide separate circuits so that the portion that is applicable can be metered and billed separately hereunder and the remaining portion can be billed under the applicable general service rate schedule. When separate circuits are not provided, the entire service is billed under the applicable general service rate schedule.

(4) Electric water heaters served hereunder must be equipped with thermostatically controlled noninductive heating elements so connected that not more than 5500 watts can be operated at one time. The Company reserves the right to install necessary devices to control the operation of electric water heaters at its option. (C)

(C) Indicates Change

RATE SCHEDULE RTS
RESIDENTIAL SERVICE - THERMAL STORAGE

APPLICATION OF RATE SCHEDULE RTS

This rate schedule is for single phase residential service with load management capabilities in accordance with the APPLICATION PROVISIONS hereof.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$11.00 per month plus
$ 4.25 per kilowatt of on-peak billing KW.

2.8 cts. per KWH for all KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $11.00.

BILLING KW

The billing demand is the average kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current billing period.

ON-PEAK HOURS (C)

On-peak hours are any consecutive 12 hours, starting and ending on the hour, within the 14-hour system on-peak period from 7 AM to 9 PM local time, Mondays to Fridays except New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

BUDGET BILLING

When a customer elects budget billing, the Company will for each month bill the customer an amount approximately equal to one-twelfth of his estimated annual billing with appropriate adjustments made so that total payments for each 12 month budget billing cycle will be equal to his actual charges under the rate for the same 12 month period.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than one year. In the event this rate is withdrawn from the Tariff within 10 years of the date of its application to a specific location, the Company will pay $20.00 to the ratepayer of record each month after such withdrawal for the remainder of the 10 year period.

APPLICATION PROVISIONS

1. This rate schedule is applicable to service which would otherwise qualify under Rate Schedule RS except for the following:

   (a) Service to two or more separate dwelling units supplied through a single meter.

   (b) Seasonal service and seasonal use customers.

   (c) Service with separate meter controlled water heater service.

2. Any changes in service entrance equipment to accommodate metering under this rate are made by the customer at his own expense.

3. Load management capability is the positive automatic control of the operation of any thermal storage system for space heating or water heating which is acceptable to the Company as being effective in limiting on-peak use of electric service. The Company reserves the right to inspect such systems at reasonable times and may discontinue billing under this rate schedule whenever, in the Company's sole judgment, the system no longer qualifies. (C)

4. The maximum electric thermal unit that may be connected under this rate schedule is 75 KW. Heating elements must be switched in stages not in excess of 7.5 KW per stage.

5. The Company reserves the right to install necessary devices to control the operation of the electric components of the thermal storage system at its option. (C)

6. Customers who elect to take service under this rate agree to allow the Company to install load survey meters.

(C)Indicates Change
(I) Indicates Increase

RATE SCHEDULE GS-1
SMALL GENERAL SERVICE
AT SECONDARY VOLTAGE OR HIGHER

APPLICATION OF RATE SCHEDULE GS-1

This rate schedule is for small general service at secondary voltage or at a higher available voltage at the option of the customer. The billing demand is limited to 4 KW for accounts served under discontinued rate schedule FC as of June 28, 1980.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$6.50 per month plus
$1.70 per kilowatt for all Billing KW in excess of 4 KW.

9.2 cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
6.7 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate at the minimum billing demand of 4 KW with zero KWH use.

BILLING KW

Where no demand meter is installed, Billing KW is 4 KW.

The Company installs a demand meter when it estimates that the demand exceeds 4 KW. The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period taken to the nearest 1/2 kilowatt.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE GS-3
LARGE GENERAL SERVICE AT SECONDARY VOLTAGE OR HIGHER

APPLICATION OF RATE SCHEDULE GS-3

This rate schedule is for large general service at secondary voltage, or at a higher available voltage at the option of the customer. Where necessary, the Company furnishes and maintains one transformation from line voltage to a lower Company standard service voltage. However, service from a 66,000 volt line is supplied at not less than 2,300 volts.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$7.10 per kilowatt for the first 125 kilowatts of the Billing KW.
4.70 per kilowatt for all additional kilowatts of the Billing KW.

5.3 cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
4.7 cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
4.1 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW for service from lines below 66,000 volts and 300 kilowatts from the lines of 66,000 volts with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-4
LARGE GENERAL SERVICE AT 12,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-4

This rate schedule is for large general service supplied from available lines of 12,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$6.55 per kilowatt for the first 200 kilowatts of the Billing KW.
4.15 per kilowatt for all additional kilowatts of the Billing KW.

5.1 cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
4.3 cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
3.8 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 25 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-5
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER

APPLICATION OF RATE SCHEDULE LP-5

This rate schedule is for large general service supplied, 3 phase only, from available lines of 66,000 volts or higher when customer furnishes and maintains all equipment necessary to transform the energy from line voltage.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$3.90 per kilowatt for the first 300 kilowatts of the Billing KW.
$3.50 per kilowatt for all additional kilowatts of the Billing KW.

4.7 cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
4.0 cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
3.5 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 300 KW with zero KWH use.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE LP-6
LARGE GENERAL SERVICE AT 66,000 VOLTS OR HIGHER
10,000 BILLING KW MINIMUM

APPLICATION OF RATE SCHEDULE LP-6

This rate schedule is for large general service from available lines of 66,000 volts or higher, with the customer furnishing and maintaining all equipment necessary to transform the energy from the line voltage. It applies to 3 phase, 60 cycle service and also to 1 phase, 25 cycle service at existing locations as of August 28, 1981.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$3.50 per kilowatt for all kilowatts of the Billing KW.

4.3 cts. per KWH for the first 150 KWH per kilowatt of the Billing KW.
3.8 cts. per KWH for the next 100 KWH per kilowatt of the Billing KW.
3.4 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

Net Monthly Rate Minimum is the charge under the rate applying the Minimum Billing Demand of 10,000 KW with zero KWH use.

FACILITY CHARGE

In addition to the above charges, for 25 cycle service the customer pays the Company $3,450 per month for use of Company facilities.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period, except that where a 1 hr. period of maximum use was in effect as of August 28, 1981 it may be continued for that customer.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the higher of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the on-peak hours of the current month.

(B) 60% of the average number of kilowatts supplied during the 15 minute (1 hr.) period of maximum use during the off-peak hours of the current month.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE RTD
RESIDENTIAL SERVICE - TIME-OF-DAY (C)

APPLICATION OF RATE SCHEDULE RTD

This rate schedule is for single phase residential service metered and billed to recognize time-of-day use in accordance with the APPLICATION PROVISIONS hereof. Billing demand charges are not applied until after May 1, 1984, for customers served under discontinued Rate Schedule RX as of January 22, 1983.

NET MONTHLY RATE (Effective 1-22-83)

$11.00 per month plus.
$ 4.25 per kilowatt for all Billing KW in excess of 7 KW.

11.1 cts. per KWH all on-peak KWH use.
2.8 cts. per KWH all off-peak KWH use.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Monthly Minimum Charge is $11.00.

ON-PEAK HOURS

On-peak hours are any consecutive 12 hours, starting and ending on the hour, within the 14-hour system on-peak period from 7 AM to 9 PM local time Monday to Friday except New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 20 days from the date bill is mailed. After the due date, the Company may initiate collection procedures and a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

APPLICATION PROVISIONS

(1) This rate schedule is for single phase electric service for:

(a) A single family dwelling and appurtenant detached buildings.
(b) A separate dwelling unit in an apartment house.

(2) This rate schedule does not apply to:

(a) Residential service that includes more that 2,000 watts of connected load attributable to commercial or professional use exclusive of space heating and air conditioning in common with the residence.

(b) Residential service combined with farm use or with any commercial or professional use outside the residence or in a section of a multi-use building that is separate from the dwelling unit.

(c) Service which includes common use for halls, basement, or other portions of an apartment building.

(d) Single meter service to multiple dwelling units.

(e) Establishments recognized by name, notice or advertisement, such as hotels, clubs, fraternities, boarding houses, institutions, orphanages, rest homes, tourist homes and rooming houses with more than 3 rooms available for such use and rectories and convents with accommodations for more than 5 adults.

(3) Where any use of service at a residence or on a farm is not eligible for the application of this rate schedule, customer has the option to provide separate circuits so that the portion that is applicable can be metered and billed separately hereunder and the remaining portion can be billed under the applicable general service rate schedule. When separate circuits are not provided, the entire service is billed under the applicable general service rate schedule.

(C) Indicates Change

RATE SCHEDULE BL
BORDERLINE SERVICE - ELECTRIC UTILITIES

APPLICATION OF RATE SCHEDULE BL

This rate schedule is for borderline service to public utility companies for resale in adjacent territory under reciprocal agreements subject to the following conditions:

1. Request is made in writing for each point of supply where service is desired under said agreement.

2. Service is supplied when Company has available capacity in lines, transformers, generating apparatus or other equipment over and above that required to meet the demands, present and prospective, for service in its own territory, of which fact Company's determination is final.

3. When such service is supplied, the potential, phase and period of service at the desired point of supply shall be mutually agreed upon.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

7.5 cts. per KWH plus 1% on Company's investment in facilities necessary to deliver and meter the service.

The Energy Cost Rate applies to all KWH supplied under this rate.

The energy may be metered at the point of supply or at the nearest suitable point, or the energy may be estimated from the sum of the meter readings of purchaser's customers, plus an agreed upon correction to cover transformation and the line losses from the point of supply.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed.

CONTRACT PERIOD

Not less than 3 years.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE SA
PRIVATE AREA LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SA

This rate schedule is for the lighting of yards, streets, alleys and other areas supplied from existing overhead secondary distribution and contracted for by a private customer.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$11.05 per lamp.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

EQUIPMENT AND SERVICE

Company installs and maintains the bracket, luminaire, lamp and photoelectric control on a Company owned wood pole. Lamp is lighted from dusk to dawn or for approximately 4,300 hours per annum.

A mercury vapor lamp of not less than 6,650 initial lumens is installed in an open bottom luminaire on a 30 inch bracket. Lamp replacements are normally made on the first working day after outage notification by the customer to a Company office. There is no credit for outages.

Company installs up to one span of secondary not exceeding 150 feet from an existing secondary voltage supply and one pole for each lamp provided the location of the pole is accessible by a service truck for the installation and maintenance of the lamp and provided the Company is furnished a suitable right-of-way.

Upon request and at the Company's discretion, the Company may install an area light fixture on a suitable customer-owned support.

Where a secondary supply is not available at the desired lamp location and/or where the distance is more than one span, the Company may furnish the service providing the customer reimburses Company for the Company's estimated added investment required to supply the service in each case.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed or not less than 20 days when billed in conjunction with a residential rate schedule. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof except, when billed in conjunction with rate schedules RS, RTS and RTD, in which case a late payment charge of 1.25% per month on the then unpaid and overdue balance is applicable.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE SM
MERCURY VAPOR STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SM

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) fluorescent lamps - fixtures installed on or before and supplied continuously after May 1, 1968, and fixtures previously supplied under Hershey Electric Company S1R and S2R rates.

(b) private property - customers served on or before and supplied continuously after June 2, 1973 and also prospective customers where a definite rate commitment has been made as of that date so long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company S1R, S2R, SMVO and S rates.

(c) 10,500 lumen and 34,000 lumen mercury vapor lamps - fixtures installed on or before and supplied continuously after June 2, 1973 and also prospective fixtures where a definite rate commitment has been made as of that date as long as service is continuous thereafter, and fixtures previously supplied under Hershey Electric Company SMVO rate.

(d) steel pole overhead - poles installed on or before and in service continuously after June 2, 1973, and fixtures previously supplied under Hershey Electric Company SMVO and S rates.

(e) customer owned equipment - customers served on or before and supplied continuously after August 26, 1976.

(f) 2000 lumen and 51000 lumen mercury vapor lamps — fixtures installed on or before and supplied continuously after January 22, 1983 and additions at locations adjacent to such existing installations. (C)

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Steel Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Mercury Vapor	3,350	100	$ 9.25	-----	$15.30	$16.75	-----	-----
" "	6,650	175	11.20	$17.90	17.70	19.15	$21.45	$ 9.20
" "	10,500	250	14.35	21.00	-----	-----	24.20	12.05
" "	20,000	400	18.10	24.80	-----	-----	28.35	15.80
" "	34,000	700	29.45	36.30	-----	-----	40.95	27.40
" "	51,000	1,000	37.05	44.30	-----	-----	48.90	35.05
Fluorescent	21,800	-----	18.10	24.95	-----	-----	28.40	-----

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is originally contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Lamp fixtures are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary per location.

Steel Pole Overhead Service. Lamps are mounted on steel street lighting poles not exceeding 35 feet in height and supplied by overhead wires. A standard installation under the above rates includes one span of secondary per location.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SM (CONTINUED)

STANDARD INSTALLATION AND SERVICE (Continued)

Low Mounting Underground Service. Lamps are mounted on Company's low mounting street lighting poles and are supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling. (C)

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 35 feet in height and supplied by underground cable. A standard installation under the above rates includes a maximum of 150 horizontal feet of cable and trenching and backfilling.

All lamps are lighted from dusk to dawn every night, or for approximately 4,300 hours per annum.

All relocation of fluorescent lamps ordered by customer are at customer's expense.

CONTINUOUS OPERATION

At customer request, individual lamps may be operated continuously 24 hours per day. The net monthly rate for continuous operation shall be 160% of the aforementioned applicable net monthly rates.

SPECIAL INSTALLATIONS

Whenever customer requests an installation that is not in conformity with the aforementioned STANDARD INSTALLATION AND SERVICE provisions, Company may, at its option, install the lamps as requested upon payment in advance by the customer of the estimated installed cost of facilities required in excess of that required for standard installation or of the excess investment in special equipment over that of standard equipment. The maintenance of special equipment is subject to (1) time and ability to obtain replacement, and (2) advance payment of the then excess cost over standard for each replacement.

CUSTOMER CONTRIBUTION

When the Company permits the customer to finance all or a portion of the Company's cost of a street lighting installation, the Company will recognize this financing by crediting customer's street lighting account over 120 consecutive bills with an amount equal to customer's contribution plus interest.

REMOVALS

If customer requests Company to remove any part of a mercury vapor street lighting system to install another mercury vapor street lighting system or any other type of street lighting system and if the mercury vapor luminaires and supporting brackets, which are removed as a result of any requested removal, are less than fifteen years old, Company will charge for and Customer shall pay for such a change. The charge will be based upon Company's estimated costs for removal and rehabilitation plus the estimated remaining life value of the removed equipment less salvage. Similarly, if the poles and/or conductors exclusively serving the mercury vapor equipment are less than twenty years old upon removal, Company will charge for and customer shall pay for such a change on the same basis used in calculating the luminaire and supporting bracket change.

CUSTOMER OWNED EQUIPMENT (Effective 1-22-83) (C) (I)

Whenever the customer furnishes, installs and owns the entire lighting system using equipment approved by and installed in a manner acceptable to the Company, the Company may, at its discretion, operate and maintain the system at the following net monthly rates.

Lamp Size		Customer Owns and
Wattage	Minimum Initial Lumens	Company Operates & Maintains
100	3,350	$ 5.00
175	6,650	7.05
250	10,500	9.45
400	20,000	13.35
700	34,000	23.05
1000	51,000	30.75

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and input wattage of each luminaire.

The Company's responsibility under the aforementioned charges for maintaining the customer owned lighting system is limited to relamping, cleaning fixtures, and painting poles requiring paint but does not include relocating or replacing all or any part of the street lighting facilities.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SHS
HIGH PRESSURE SODIUM STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SHS

This rate schedule is for lighting service from overhead or underground facilities on public areas such as streets, highways, bridges and parks, to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

The application of this rate schedule is limited as follows:

(a) metal pole overhead - existing locations served under another of the Company's street lighting rate schedules and locations previously served under Hershey Electric Company Rate Schedule SMVO.

(b) private property - customers served under Rate Schedule SM on or before and supplied continuously after June 2, 1973.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

(1) Lamp Prices

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Metal Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Sodium	5,800	70	-----	-----	-----	$18.85	-----	-----
"	9,500	100	$12.75	$17.10	$20.30	20.20	$24.65	$11.25
"	16,000	150	14.05	18.40	-----	-----	25.95	11.80
"	25,500	250	19.60	23.10	-----	-----	35.45	15.50
"	50,000	400	25.25	28.40	-----	-----	40.80	18.80

(2) The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and the input wattage of each luminaire.

(3) The Company, at its option, may offer appropriate overhead rates set forth above to customers in recognition of their either installing, owning and/or paying for portions of a street lighting installation.

(4) Whenever customer requests an installation hereunder which requires an investment by the Company greater than five (5) times the estimated annual revenue, the Company, at its option, may install the lamps as requested upon payment by the customer of such estimated excess costs.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's available general distribution system. The equipment installed under the above rate is of the type currently being furnished by Company at the time service is contracted for.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles, or other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires. Luminaires are mounted on brackets or mast arms. A standard installation under the above rates includes one span of secondary conductor per location.

Metal Pole Overhead Service. Lamps are mounted on Company's existing metal poles served by overhead wires. No new overhead supplied metal pole installations will be made under this rate schedule.

Wood Pole Underground Service. Lamps are mounted on Company's wood street lighting poles and are supplied by underground wires. A standard installation under the above rates includes a maximum of 150 circuit feet of cable and trenching and backfilling.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SE
ENERGY ONLY STREET LIGHTING SERVICE

APPLICATION OF RATE SCHEDULE SE

This rate schedule is available only to municipalities or other governmental agencies for the operation of mercury vapor or high pressure sodium street lighting systems on public areas such as streets, highways, bridges and parks where the municipality or other governmental agency provides for the installation, ownership, operation and maintenance of the street lighting equipment. It is available only for mercury vapor or high pressure sodium lamps.

NET MONTHLY RATE (Effective 1-22-83) (C) (I) (D)

(1) Energy Charges

Street Lighting Equipment on Company Pole.....	6.7 cts. per KWH
Street Lighting Equipment on Customer Pole or Support.....	2.3 cts. per KWH

(2) The Energy Cost Rate applies to all KWH supplied under this rate schedule.

(3) Service hereunder is unmetered with the number of KWH billed for each size lamp calculated based upon the estimated input wattage of the luminaire and 4,300 burning hours per year.

MINIMUM SYSTEM

Application is limited to mercury vapor or high pressure sodium street lights in systems of a minimum of 100 contiguous lamps of one customer. Customer-owned street lights served hereunder may not be intermixed with street lights served under the Company's other street lighting rate schedules.

The 100 lamp minimum may, at Company's option, be waived when a customer desires to take service for its entire street lighting requirements hereunder and said total requirement is less than the 100 lamp minimum.

INITIAL SYSTEM AND FUTURE ADDITIONS

The Customer provides advance written notice to Company (at least 90 days for initial systems or 30 days for additions to existing systems) of its intentions to install customer-owned street lighting hereunder. The notification includes the location, wattage, lumen size, type of equipment and proposed installation date. In addition, for customer-owned street lighting proposed for installation on Company's poles the customer provides the construction specifications for Company's approval.

STANDARD INSTALLATION AND SERVICE

Street Lighting Equipment on Company Wood Pole: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket and the wire from the luminaire to the point of connection with the Company's overhead general distribution system. The Company provides, installs, operates and maintains the wood pole and the overhead secondary wire from Company's general distribution system to the point of connection with customer's wire. Generally, the customer will attach its street lighting system to Company's existing poles; but the Company at its option provides, installs, operates and maintains a maximum of one wood pole and one span of secondary conductor to new locations requested by the customer. The installation by Company in excess of one wood pole and one span of secondary conductor to serve a customer-owned street light is at customer's expense.

Street Lighting Equipment on Customer Pole or Support: The customer provides, installs, operates and maintains the street lighting luminaire, lamp, control, bracket, pole or support, foundation and wire between poles or supports. The Company provides, installs, operates and maintains one span of overhead secondary conductor to a group of street lights, as defined by Company, on customer-owned poles or supports. The installation by Company in excess of one span of overhead secondary to a group of customer-owned street lights is at customer's expense.

Customer-owned street lighting equipment mounted on poles or supports of other utilities with whom Company has joint-use agreements are billed at the rate for Street Lighting Equipment on Company Poles.

Customer-owned street lighting installed as multiple units on a Company or other utility pole are billed at the rate for Street Lighting Equipment on Customer Pole or Support. Multiple units are defined hereunder as additional lamps installed on a Company or other utility pole already supporting customer-owned street lighting equipment.

Customer-owned street lighting equipment is installed in accordance with Company and industry safety codes and, where installed on Company poles, in accordance with general Company specifications for similar equipment.

(C) Indicates Change
(I) Indicates Increase
(D) Indicates Decrease

(Continued)

RATE SCHEDULE TS(R)
MUNICIPAL TRAFFIC SIGNAL LIGHTING SERVICE

This rate schedule is in the process of elimination and service hereunder is available only to existing locations continuously supplied hereunder as of August 26, 1976.

APPLICATION OF RATE SCHEDULE TS(R)

This rate schedule is for traffic signal lighting service to cities, boroughs and townships. The minimum under this rate schedule is 50 watts.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

7.3 cts. per watt of connected load.

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

The minimum charge is $3.65.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than 1 year.

(C) Indicates Change
(I) Indicates Increase

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RATE SCHEDULE SI-1(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes installed on or before and supplied continuously after March 28, 1972 and to those lamps previously served under Rate Schedules SI-2(R), SI-5(R), and SI-6(R). (C)

APPLICATION OF RATE SCHEDULE SI-1(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., to municipalities or other governmental agencies when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

LAMP DESCRIPTION		OVERHEAD SUPPLY		UNDERGROUND SUPPLY-METAL POLE	
Type	Lumens	Wood Pole	Metal Pole	Low Mounting	High Mounting
Incandescent	600	$ 4.90	-----	-----	-----
"	1,000	6.15	-----	-----	-----
"	2,500	10.25	$15.60	$15.45	$18.95
"	4,000	13.70	17.65	18.10	21.10
"	6,000	16.95	19.45	19.90	23.30

The Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. The equipment installed for maintaining facilities covered under the above rate is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities) or by customer's existing underground cable. 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

Metal Pole Overhead Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). The spacing between lamps shall not exceed a maximum of 300 feet measured between poles along one side of the street.

Low Mounting Underground Service. Lamps are mounted on metal street lighting poles approximately 14 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 150 feet measured between poles along one side of the street.

High Mounting Underground Service. Lamps are mounted on metal street lighting poles not exceeding 30 feet in height and supplied by underground cable. The spacing between lamps shall not exceed a maximum of 200 feet measured between poles along one side of the street.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocation of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE SI-4(R)
MUNICIPAL STREET LIGHTING SERVICE

The application of this rate schedule to all service by incandescent lamps is in the process of elimination and the rates for such lamps are available and limited to those fixtures and lamp sizes as installed on or before and supplied continuously after March 28, 1972.

APPLICATION OF RATE SCHEDULE SI-4(R)

This rate schedule is for municipal lighting service on public streets, highways, bridges, parks, etc., or for other governmental agencies, when all such service is supplied under Company's standard form of contract in accordance with the various laws applicable thereto.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

OVERHEAD SUPPLIED INCANDESCENT LAMPS ON WOOD POLES

Lumens	Standard Overhead	White Way
1,000	$ 5.80	-----
2,500	10.25	-----
4,000	13.70	$13.70
6,000	16.95	16.95

Energy Cost Rate applies to all KWH supplied under this rate. The number of KWH supplied is based upon the average hours use and size of lamps.

STANDARD INSTALLATION AND SERVICE

All necessary street lighting facilities are supplied, installed, operated and maintained by Company and are connected to Company's general distribution system. Equipment originally installed for service under the above rates may be continued in place throughout the useful life thereof. The equipment installed for maintaining facilities covered under the above rates is of the type currently available to the Company.

Wood Pole Overhead Service. Lamps are mounted on Company's wood poles or on other supports not supplied by Company specifically for street lighting purposes, and are supplied by overhead wires (except that on bridges the wires may be run through the bridge facilities). 1,000 lumen or smaller lamps are mounted on 4 foot bracket type fixtures and 2,500 lumen or larger lamps are mounted on brackets or mast arms. Spacing between lamps shall not exceed an average of 400 feet for each 1,000 lumen or smaller lamp and shall not exceed an average of 600 feet for each lamp larger than 1,000 lumens with a maximum spacing of 900 feet between lamps regardless of size.

White Way Service. Four or more lamps mounted on bracket type fixtures that are concentrated within a specific area, with a maximum spacing of 200 feet between lamps, are billed at White Way rates.

All lamps are lighted from dusk to dawn each and every night, or for approximately 4,300 hours per annum.

All relocations of lamps ordered by customer are at customer's expense.

SPECIAL INSTALLATIONS

Company may replace existing special equipment subject to, (1) time and ability to obtain replacement and, (2) advance payment of the then excess cost over standard equipment for each replacement.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

Payment shall be made on or before the due date specified on the bill, which is not less than 30 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

10 years and thereafter until terminated in accordance with contract provisions.

(C) Indicates Change
(I) Indicates Increase

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RATE SCHEDULE GH-1(R)
SINGLE METER COMMERCIAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-1(R)

This rate schedule is for all electric commercial service supplied through one meter when electricity is the sole source of all of the customer's energy requirements including electric space heating in accordance with the APPLICATION PROVISIONS hereof. Applications may include wholesale and retail trade and associated warehousing operations, office buildings, and establishments providing professional, personal or business services.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$17.00 per month plus
$ 1.00 per KW of Billing KW

7.9 cts. per KWH for the first 2,500 KWH.
6.5 cts. per KWH for the next 100 KWH per KW of the Billing.
6.1 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $17.00.

BILLING KW

The Billing KW is the average kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Monday to Fridays inclusive 7 A.M. to 9 P.M.

Company reserves the right to change from time to time the hours specified above in accordance with the operating conditions on Company's system.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bills, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

RATE SCHEDULE GH-2(R)
SEPARATE METER GENERAL SPACE HEATING SERVICE

This rate schedule is in the process of elimination and is available only to service locations supplied hereunder continuously on or after August 21, 1972 and also to prospective service locations where a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-2(R)

This rate schedule is for separately metered electric space heating service to customers whose general use is supplied under some other general service rate schedule in accordance with the APPLICATION PROVISIONS hereof and may include service for general use in an all electric apartment building when individual living units in the building are metered separately under a residential rate schedule.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$15.00 including 200 KWH.

6.3 cts. per KWH for all additional KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $15.00 which includes 200 KWH.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

APPLICATION PROVISIONS

Service hereunder is applicable under the following conditions:

(a) All the space heating requirements on customer's premises, or in customer's building or newly constructed section thereof, are supplied hereunder through a separate meter from the same point of delivery and at the same voltage as the general service.

(b) Use of service for comfort cooling air conditioning, for commercial cooking and for automatic storage type water heaters with thermostatically controlled noninductive heating units, may be included hereunder in connection with and on the same premises as the space heating equipment. This does not include ventilating fans, water for process purposes and plug-in commercial cooking appliances not used with commercial electric ovens and ranges.

(c) Supplemental use of renewable energy sources such as wood, solar, wind and water is permitted in conjunction with service supplied hereunder without violating the total electric energy requirement of the rate. Any customer system of this type that produces electric energy may not be operated concurrently with service supplied by the Company except under written agreement setting forth the conditions of such operation.

(C) Indicates Change
(I) Indicates Increase

RATE SCHEDULE GH-4(R)
GENERAL SERVICE WITH ELECTRIC SPACE HEATING

This rate schedule is in the process of elimination and is available only to customers supplied hereunder continuously on or after January 29, 1970, and also to prospective customers to whom a definite rate commitment has been made as of that date for so long as service is continuous thereafter.

APPLICATION OF RATE SCHEDULE GH-4(R)

This rate schedule is for all electric general service supplied through one meter when electricity is the sole source of all of customer's energy requirements, including electric space heating, in accordance with the APPLICATION PROVISIONS hereof.

Electric space heating facilities shall be permanently installed and operated for personal comfort. Service hereunder is supplied at secondary voltage or at a higher voltage at Company's option, is available only for service supplied continuously throughout the year and is not available for temporary service for less than one year.

NET MONTHLY RATE (Effective 1-22-83) (C) (I)

$17.00 per month plus
$ 1.00 per KW of Billing KW.

6.0 cts. per KWH for all KWH.

The Energy Cost Rate applies to all KWH supplied under this rate.

The Net Monthly Rate Minimum is $17.00.

Net Monthly Billing is reduced by .05 cts. per KWH for customers, formerly on Rate GH-3(R) Total Electric Service - Schools and Churches, taking primary service at 12,000 volts or higher, but billing may not be reduced below the minimum provisions hereof.

BILLING KW

The Billing KW is the average number of kilowatts supplied during the 15 minute period of maximum use during the current billing period.

Time-of-Day metering and billing is available on request for an additional charge of $12.00 per month for a minimum period of one year. The Billing KW is then the sum of (A) and (B) below:

(A) The average number of kilowatts supplied during the 15 minute period of maximum use during the on-peak hours of the current month.

(B) One fourth of the amount by which the average number of kilowatts supplied during the 15 minute period of maximum use during other than on-peak hours exceeds the number of kilowatts determined in (A) above. Item (B) may not be less than zero.

ON-PEAK HOURS

Mondays to Fridays inclusive 7 A.M. to 9 P.M.

TAX ADJUSTMENT SURCHARGE

The Tax Adjustment Surcharge included in this Tariff is applied to charges under this rate except for charges made under the Energy Cost Rate.

PAYMENT

The above net rate applies when bills are paid on or before the due date specified on the bill, which is not less than 15 days from the date bill is mailed. When not so paid the gross rate applies which is the above net rate plus 5% on the first $200.00 of the then unpaid balance of the monthly bill and 2% on the remainder thereof.

CONTRACT PERIOD

Not less than one year.

(C) Indicates Change
(I) Indicates Increase

(Continued)

Pennsylvania Power & L[illegible]

Exhibit AJB 2

Cost Allocation Study
Present and Proposed Rate Levels
Historic Period - Year Ended July 31, 1982

Docket No. R-822169

Witness: Andrew J. Baldwin

Mbd E. Hilbert 1/25/83

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JAN 31 1983
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PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

COST ALLOCATION STUDY

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PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

COST ALLOCATION STUDY

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

PREFACE

Cost allocation exhibits are submitted in support of several aspects of the testimony of A. J. Baldwin, and in addition, respond to the filing regulations of the Commission, in particular to Regulation IV-C-15 with regard to a fully distributed cost-of-service study. This Exhibit AJB 2 is for the historic period, the year ended July 31, 1982. A companion study, Exhibit AJB 3 is for the future period, the year ending July 31, 1983. The Commission's order in Docket No. R-80031114 provided that future retail rate filings by PP&L should be on a Pennsylvania jurisdictional basis only. The study contained herein provides the allocation of system costs between the Federal and Pennsyvania jurisdictions and the allocations of the Pennsylvania jurisdiction costs so developed to the retail customer classes.

This preface explains the general methodology utilized in the preparation of the studies.

Total cost of service, broadly stated, is made up of the following generally recognized and accepted components:

(1) Operation and maintenance expenses.

(2) Depreciation expense, or amortization of investment in facilities.

(3) Taxes, including income taxes.

(4) Return on net investment in facilities, fuel stocks, materials and supplies, and other working capital, collectively called measures of value or rate base.

Through a cost allocation study, total Company costs are assigned to residential, commercial, industrial and other identifiable customer groups. Comparing the costs to serve for any customer group with that group's rate revenues gives a measure of the return of that group. Relating that return to the allocated rate base for the group results in a rate of return which can be compared with the system average return and the returns of other classes of customers.

Overall costs of service are assigned to groups of customers on the basis of their service characteristics. One principal service characteristic is the voltage level at which the electric supply is rendered. PP&L's investment and other operating costs must therefore be broken down and assembled into the following functional voltage level components:

(1) Production and high voltage transmission, which is involved in the service to all customer classes;

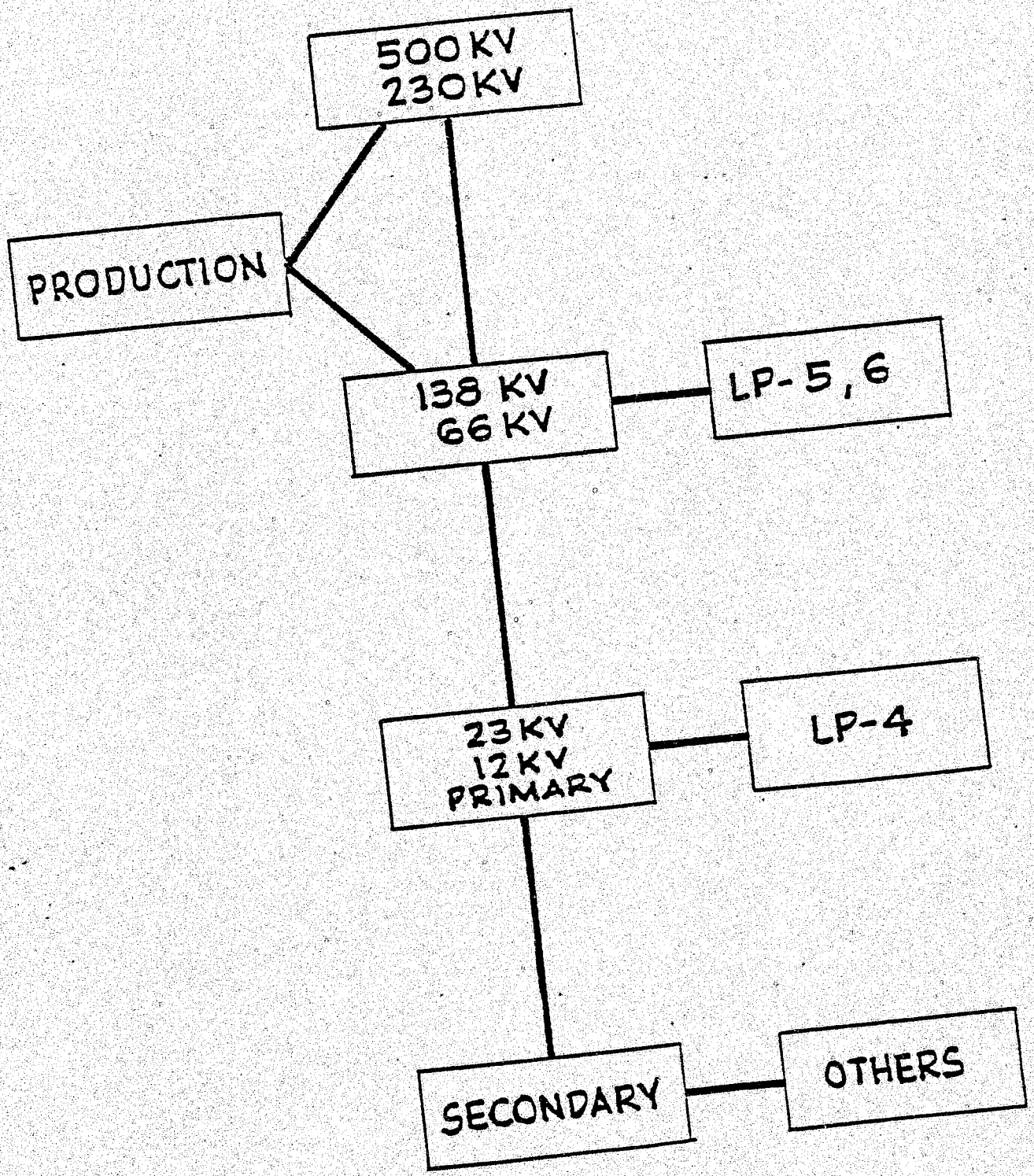
(2) 138 KV and 66 KV transmission, from which large power customers (Rate Schedules LP-5 and LP-6) and certain resale customers are directly served, and which are also involved in the service to all other classes at lower voltages as well;

(3) 23 KV and 12 KV primary system, from which large general service customers (Rate Schedule LP-4) and certain other resale customers are directly served, and which is involved in the service to other classes at lower voltages, but not in the service to customers at transmission voltage levels; and

(4) Secondary distribution system, from which street lighting, general service, commercial space heating, and residential customers are served, encompassing the remainder of the system which is not involved in service to customers served at the higher votages as described in (2) and (3) above.

On the following page there is a block diagram illustrative of this functional breakdown.

SYSTEM SUPPLY



PP&L's records are kept in accordance with the Uniform System of Accounts. The System of Accounts does not identify the costs in precisely the functional category groupings required for allocation purposes. Thus, a substantial rearrangement of book data must first be accomplished. Major examples of the steps in this process, which are fully detailed in Section A, are:

1. Identification of investment in distribution facilities having a production and transmission function;

2. Separation of distribution facilities between primary and secondary, and the latter between investment considered customer-related and that considered demand-related;

3. Assignment of operation and maintenance expenses to categories comparable to plant investment assignments;

4. Assignment of production expenses to demand and energy components.

Having assembled the costs into the functional components outlined on page 5, each customer group is allocated its share of the investment and operating costs of each category. Thus, residential customers will be assigned some part of the costs of all categories because all components of PP&L's system are used to provide service to that group of customers. On the other hand, transmission voltage customers' service involves only the production and transmission system of category (1) and the transmission systems of category (2). Thus, they share in the costs of only those categories.

The four basic classification criteria for determining the share of component costs chargeable to particular customer groups are:

(1) Relative demand responsibility. A major factor governing plant investment is the necessity to provide capacity (production, transmission and distribution) sufficient to be able to reliably meet the combined demands of all PP&L's customers. Investment and other costs considered demand related are thus allocated on the basis of the pro rata demand responsibilities of the classes.

(2) Customer costs. A substantial portion of system costs is not related to the amount of service provided. Meter investment and meter reading costs are customer-related, as are customer accounts costs. In addition, an investment in poles, line transformers, conductors, service drops, etc., must be made irrespective of the customer's demand, simply because the customer is there to be served. Costs considered customer-related are thus allocated on the basis of the respective numbers of customers in each class making up the total.

(3) Energy use. Fuel expense is directly related to the amount of energy used by customers, and is thus allocated on the basis of such use by customer classes. Other costs considered energy-related are treated in the same manner.

(4) Direct assignment. In a few cases, the System of Accounts makes a specific identification of costs which permits assignment directly to the rate class or customer responsible. An example is the direct assignment of certain street lighting costs to the street lighting customer group.

PP&L allocates production, transmission and primary demand-related costs on the monthly peak responsibility method. Under this method, a class's responsibility is the relationship of the average of its twelve monthly contributions to system peak to the average of such monthly system peaks. Other methods are reported on in Section V, but this method best represents PP&L's situation. Further discussion in this regard is given in Section V. At the secondary level (distribution system below 12KV) significant diversity of demand does not exist. Consequently, secondary demand-related costs are allocated by the relationship of a class's maximum annual non-coincident peak to the sum of the maximum annual non-coincident peaks of all classes sharing in such costs.

The style of the cost allocation program is to begin with the functional categories of rate base, revenues and operating expenses taken from Exhibit Historic 1 or as developed in Section A. Two steps are involved in the historic allocation process. First, the total electric system costs are allocated between Federal and Pennsylvania jurisdictions. The Pennsylvania jurisdictional values thus obtained are then allocated among the retail customer classes and related to the respective present and proposed revenues to determine the class rates of return on rate base. Section III presents the process in complete detail with respect to present rate levels. Considerable cross-referencing is provided to assist in simplifying as much as possible the unavoidable complexities of these calculations.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

SUMMARY OF COST ALLOCATION STUDY RESULTS

PRESENT & PROPOSED RATES

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

Index	Pages
Cost Allocation Summary - Present Rates	2, 3
Cost Allocation Summary - Proposed Rates	4, 5

The summaries (pages 2 to 5) present the results of the detailed allocations of Pennsylvania jurisdictional costs at present and proposed rates for the historic test period contained in Sections III and IV. It consists of an array of customer class income statements and the relations of class operating incomes or returns to the respective allocated measures of value or rate bases. The relationship of each class rate of return to the total Pennsylvania jurisdiction rate is also shown.

PP&L views these relationships to be useful, since one of the objectives in rate making is to have each class earning as near the overall return as is feasible.

Further details are shown in Section III (Present Rates) and Section IV (Proposed Rates).

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,271,026	207,832	446,380	279,043
2 RESERVE FOR DEPRECIATION	A00	778,684	356,784	58,951	125,807	78,868
3 NET PLANT IN SERVICE	P01	1,967,175	914,242	148,881	320,573	200,175
4 ELECT PLANT HELD FOR FUT USE	PF00	18,215	7,075	1,257	3,278	2,318
5 POLLUTION CONTROL PROJECTS	PC00	18,103	6,531	1,214	3,406	2,461
6 ASSOCIATED RETIREMENTS	PCR0	178	64	12	34	24
7 NET ADDITIONS AND DEDUCTIONS	NAD	36,140	13,542	2,459	6,650	4,755
8 DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	927,784	151,340	327,223	204,930
9 CASH WORKING CAPITAL	CWC	25,102	10,575	1,433	4,203	3,071
10 FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	181,329	71,974	9,135	31,790	23,666
12 TOTAL WORKING CAPITAL	N00	206,431	82,549	10,568	35,993	26,737
13 ACCUM DEFERRED INCOME TAXES	DF99	72,502	32,729	5,266	11,968	7,702
14 CUSTOMER ADVANCES	CA00	164	85	17	49	2
15 CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16 TOTAL DEDUCTIONS	PLDED	74,507	33,099	6,083	12,560	7,766
17 MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	977,234	155,825	350,656	223,901
18 REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19 OTHER OPERATING REVENUES	OOR	18,485	8,944	1,313	5,407	3,042
20 TOTAL OPERATING REVENUES	R00	1,150,173	472,876	81,401	214,478	136,681
21 OPERATION & MAINTENANCE EXP	EE00	694,966	300,670	40,773	113,415	82,928
22 DEPRECIATION EXPENSE	ED00	90,855	43,165	6,934	14,272	8,695
23 TAXES OTHER THAN INCOME	OTT	42,546	18,995	3,096	7,286	4,628
24 FEDERAL INCOME TAXES	FTAX1	9,434	-12,088	3,514	13,115	4,134
25 STATE INCOME TAXES	STAX1	12,704	3,197	1,418	3,954	1,809
26 DEFERRED INCOME TAXES - NET	TXD31	2,480	1,232	204	385	219
27 INV TAX CR PROV PRES RATES	TXD35	67,369	31,184	5,099	10,952	6,847
28 INVEST TAX CR AMORT	TXD38	-2,525	-1,169	-191	-410	-257
29 TOTAL TAXES	TEX1	132,008	41,351	13,140	35,283	17,379
30 AMORTIZATION OF PROP LOSS	TXD21	537	194	36	101	73
31 TOTAL OPERATING EXPENSES	TEXP1	918,366	385,380	60,883	163,071	109,075
32 OPERATING INCOME	PRERTN	231,807	87,496	20,518	51,407	27,606
33 RATE OF RETURN - %	PRRTR	10.86	8.95	13.17	14.66	12.33
34 CLASS RATE IN % OF TOTAL	PRCLRT	100.0	82.5	121.3	135.0	113.6

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	89,580	221,956	176,596	53,446
2 RESERVE FOR DEPRECIATION	A00	25,875	64,053	49,708	18,638
3 NET PLANT IN SERVICE	P01	63,705	157,903	126,888	34,808
4 ELECT PLANT HELD FOR FUT USE	PF00	859	2,137	1,237	54
5 POLLUTION CONTROL PROJECTS	PC00	922	2,293	1,276	0
6 ASSOCIATED RETIREMENTS	PCR0	9	22	13	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	1,772	4,408	2,500	54
8 DEPRECIATED ELECTRIC PLANT	TEP	65,477	162,311	129,388	34,862
9 CASH WORKING CAPITAL	CWC	1,098	3,135	1,309	278
10 FUEL STOCK AND MATERIALS	WCD	8,562	25,010	9,468	1,724
11 AND SUPPLIES	W00	9,660	28,145	10,777	2,002
12 TOTAL WORKING CAPITAL				4,591	1,264
13 ACCUM DEFERRED INCOME TAXES	DF99	2,535	6,447	0	4
14 CUSTOMER ADVANCES	CA00	0	7	95	2
15 CUSTOMER DEPOSITS	DA00	54	0	4,686	1,270
16 TOTAL DEDUCTIONS	PLDED	2,589	6,454		
17 MEASURES OF VALUE (RATE BASE)	RBX	72,548	184,002	135,479	35,594
18 REV FROM SALES - BASE & ECR	R104	45,493	123,540	59,352	16,573
19 OTHER OPERATING REVENUES	OOR	682	445	-1,920	572
20 TOTAL OPERATING REVENUES	R00	46,175	123,985	57,432	17,145
21 OPERATION & MAINTENANCE EXP	EE00	29,546	84,460	35,318	7,856
22 DEPRECIATION EXPENSE	ED00	2,794	6,914	5,694	2,387
23 TAXES OTHER THAN INCOME	OTT	1,535	4,031	2,306	669
24 FEDERAL INCOME TAXES	FTAX1	1,019	1,617	-2,157	280
25 STATE INCOME TAXES	STAX1	530	1,167	366	263
26 DEFERRED INCOME TAXES - NET	TXD31	62	147	161	70
27 INV TAX CR PROV PRES RATES	TXD35	2,197	5,446	4,333	1,311
28 INVEST TAX CR AMORT	TXD38	-82	-204	-163	-49
29 TOTAL TAXES	TEX1	5,261	12,204	4,846	2,544
30 AMORTIZATION OF PROP LOSS	TXD21	27	68	38	0
31 TOTAL OPERATING EXPENSES	TEXP1	37,628	103,646	45,896	12,787
32 OPERATING INCOME	PRERTN	8,547	20,339	11,536	4,358
33 RATE OF RETURN - %	PRRTR	11.78	11.05	8.52	12.24
34 CLASS RATE IN % OF TOTAL	PRCLRT	108.5	101.8	78.4	112.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,271,026	207,832	446,380	279,043
2	RESERVE FOR DEPRECIATION	A00	778,684	356,784	58,951	125,807	78,868
3	NET PLANT IN SERVICE	P01	1,967,175	914,242	148,881	320,573	200,175
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	7,075	1,257	3,278	2,318
5	POLLUTION CONTROL PROJECTS	PC00	18,103	6,531	1,214	3,406	2,461
6	ASSOCIATED RETIREMENTS	PCR0	178	64	12	34	24
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	13,542	2,459	6,650	4,755
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	927,784	151,340	327,223	204,930
9	CASH WORKING CAPITAL	CWC	25,102	10,575	1,433	4,203	3,071
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	MCD	181,329	71,974	9,135	31,790	23,666
12	TOTAL WORKING CAPITAL	W00	206,431	82,549	10,568	35,993	26,737
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	32,729	5,266	11,968	7,702
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	33,099	6,083	12,560	7,766
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	977,234	155,825	350,656	223,901
18	REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19	OTHER OPERATING REVENUES	OORP	20,578	9,922	1,445	6,254	3,510
20	TOTAL OPERATING REVENUES	R00P	1,381,681	568,911	99,489	258,554	163,290
21	OPERATION & MAINTENANCE EXP	EE00	694,966	300,670	40,773	113,415	82,928
22	DEPRECIATION EXPENSE	ED00	90,855	43,165	6,934	14,272	8,695
23	TAXES OTHER THAN INCOME	OTTP	47,858	21,233	3,509	8,279	5,230
24	FEDERAL INCOME TAXES	FTAX2	19,114	-12,274	4,483	17,390	6,410
25	STATE INCOME TAXES	STAX2	28,486	9,741	2,652	6,959	3,624
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,232	204	385	219
27	INVEST TAX CR PROV PROP RATES	ITCP	154,480	71,507	11,692	25,113	15,700
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,169	-191	-410	-257
29	TOTAL TAXES	TEX2	249,893	90,270	22,349	57,717	30,924
30	AMORTIZATION OF PROP LOSS	TXD21	537	194	36	101	73
31	TOTAL OPERATING EXPENSES	TEXP2	1,036,251	434,299	70,092	185,505	122,620
32	OPERATING INCOME	PPRTN	345,430	134,612	29,397	73,049	40,670
33	RATE OF RETURN - %	PPRTR	16.18	13.77	18.87	20.83	18.16
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	85.1	116.6	128.8	112.3
35	SAME AT PRESENT RATES	PRCLRT	100.0	82.5	121.3	135.0	113.6

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	89,580	221,956	176,596	53,446
2	RESERVE FOR DEPRECIATION	A00	25,875	64,053	49,708	18,638
3	NET PLANT IN SERVICE	P01	63,705	157,903	126,888	34,808
4	ELECT PLANT HELD FOR FUT USE	PF00	859	2,137	1,237	54
5	POLLUTION CONTROL PROJECTS	PC00	922	2,293	1,276	0
6	ASSOCIATED RETIREMENTS	PCR0	9	22	13	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,772	4,408	2,500	54
8	DEPRECIATED ELECTRIC PLANT	TEP	65,477	162,311	129,388	34,862
9	CASH WORKING CAPITAL	CWC	1,098	3,135	1,309	278
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WC0	8,562	25,010	9,468	1,724
12	TOTAL WORKING CAPITAL	W00	9,660	28,145	10,777	2,002
13	ACCUM DEFERRED INCOME TAXES	DF99	2,535	6,447	4,591	1,264
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,589	6,454	4,686	1,270
17	MEASURES OF VALUE (RATE BASE)	RBX	72,548	184,002	135,479	35,594
18	REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19	OTHER OPERATING REVENUES	OORP	778	428	-2,408	649
20	TOTAL OPERATING REVENUES	ROOP	54,508	146,480	69,892	20,557
21	OPERATION & MAINTENANCE EXP	EE00	29,546	84,460	35,318	7,856
22	DEPRECIATION EXPENSE	ED00	2,794	6,914	5,694	2,387
23	TAXES OTHER THAN INCOME	OTTP	1,722	4,537	2,599	749
24	FEDERAL INCOME TAXES	FTAX2	1,662	3,986	-2,553	10
25	STATE INCOME TAXES	STAX2	1,098	2,701	1,215	496
26	DEFERRED INCOME TAXES - NET	TXD31	62	147	161	70
27	INVEST TAX CR PROV PROP RATES	ITCP	5,039	12,487	9,935	3,007
28	INVEST TAX CR AMORT	TXD38	-82	-204	-163	-49
29	TOTAL TAXES	TEX2	9,503	23,652	11,195	4,283
30	AMORTIZATION OF PROP LOSS	TXD21	27	68	38	0
31	TOTAL OPERATING EXPENSES	TEXP2	41,870	115,094	52,245	14,526
32	OPERATING INCOME	PPRTN	12,638	31,386	17,647	6,031
33	RATE OF RETURN - %	PPRTR	17.42	17.06	13.03	16.94
34	CLASS RATE IN % OF TOTAL	PPCLRT	107.7	105.4	80.5	104.7
35	SAME AT PRESENT RATES	PRCLRT	108.5	101.8	78.4	112.8

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

COST ALLOCATION STUDY - PRESENT RATES

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

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This section consists of two parts. Part I shows the assignment of the total system costs to Federal jurisdictional customers supplied on a system cost basis. Part II shows the allocations to PUC rate classes of the remaining or Pennsylvania jurisdictional costs, the comparisons with the associated revenues and calculation of the resulting returns and rate of return on allocated rate bases. The output of Part I forms the input to Part II. Allocators are summarized at the end of each part as developed in Section B. Basic input cost data are provided from Exhibit Historic 1. Functionalized input data are developed in Section A. Extensive cross-referencing has been provided to show the full development of the cost allocation study (for example, see pages 16 to 27).

SECTION III

PART I

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	ELECTRIC PLANT IN SERVICE									
2	PRODUCTION PLANT	Q10	D10	P10	1,231,521	21,185	9,346	20,562	51,093	1,180,428
3	TRANSMISSION PLANT	Q20	D10	P20	376,470	6,476	2,857	6,286	15,619	360,851
4	DISTRIBUTION PLANT									
5	SUBSTATIONS									
6	GENERATION STEP-UP	Q26	D10	P26	560	10	4	9	23	537
7	66/138 KV	Q27	D10	P27	4,159	72	31	70	173	3,986
8	PRIMARY	Q28	D20	P28	102,219	0	975	0	975	101,244
9	SECONDARY	Q29	D30	P29	41,251	0	0	0	0	41,251
10	TOTAL SUBSTATIONS			P5S	148,189	82	1,010	79	1,171	147,018
11	OVERHEAD LINES									
12	66/138 KV	Q31	D10	P31	148,071	2,547	1,124	2,472	6,143	141,928
13	PRIMARY	Q32	D20	P32	123,239	0	1,175	0	1,175	122,064
14	SECONDARY									
15	DEMAND COMPONENT	Q33	D30	P33	62,180	0	0	0	0	62,180
16	CUSTOMER COMPONENT	Q34	C30	P34	226,220	0	0	0	0	226,220
17	STREET LIGHTING	Q35	K401	P35	25,647	0	0	0	0	25,647
18	TOTAL OVERHEAD LINES			POL	585,357	2,547	2,299	2,472	7,318	578,039
19	UNDERGROUND LINES									
20	66/138 KV	Q36	D10	P36	4,054	70	31	67	168	3,886
21	PRIMARY	Q37A	D20	P37A	6,575	0	63	0	63	6,512
22	SECONDARY									
23	DEMAND COMPONENT	Q37	D30	P37	29,165	0	0	0	0	29,165
24	CUSTOMER COMPONENT	Q38	C30	P38	30,056	0	0	0	0	30,056
25	TOTAL UNDERGROUND LINES			PUG	69,850	70	94	67	231	69,619
26	LINE TRANSFORMERS									
27	DEMAND COMPONENT	Q39	D30	P39	119,838	0	0	0	0	119,838
28	CUSTOMER COMPONENT	Q40	K401	P40	16,995	0	0	0	0	16,995
29	TOTAL LINE TRANSFORMERS			PLT	136,833	0	0	0	0	136,833
30	SERVICES									
31	DEMAND COMPONENT	Q41	D31	P41	25,260	0	0	0	0	25,260
32	CUSTOMER COMPONENT	Q42	C31	P42	75,779	0	0	0	0	75,779
33	TOTAL SERVICES			PSV	101,039	0	0	0	0	101,039
34	METERS	Q43	CM1	P43	45,133	32	20	0	52	45,081
35	AREA LIGHTING FIXTURES	Q44	K401	P44	2,383	0	0	0	0	2,383
36	STREET LIGHTING	Q46	K401	P46	21,680	0	0	0	0	21,680
37	TOTAL DISTRIBUTION PLANT			P30	1,110,464	2,731	3,423	2,618	8,772	1,101,692
38	PROD/TRANS/DIST PLANT			AT1	2,718,455	30,392	15,626	29,466	75,484	2,642,971
39	TRANS/DIST PLANT			AT2	1,486,934	9,207	6,280	8,904	24,391	1,462,543
40	DISTRIBUTION SECONDARY			AT3	721,587	32	20	0	52	721,535
41	GENERAL PLANT	Q88	K433	P88	104,824	1,038	519	1,008	2,565	102,259
42	INTANGIBLE PLANT	Q95	K433	P95	645	6	4	6	16	629
43	ELECTRIC PLANT IN SERVICE			P00	2,823,924	31,436	16,149	30,480	78,065	2,745,859

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 RESERVE FOR DEPRECIATION									
2 PRODUCTION FUNCTION	H10	P10	A10	400,777	6,894	3,042	6,691	16,627	384,150
3 TRANSMISSION FUNCTION	H20	P20	A20	72,339	1,244	549	1,208	3,001	69,338
4 DISTRIBUTION FUNCTION									
5 SUBSTATIONS									
6 GENERATION STEP-UP	H26	P26	A26	126	2	1	2	5	121
7 66/138 KV	H27	P27	A27	953	16	8	16	40	913
8 PRIMARY	H28	P28	A28	22,871	0	218	0	218	22,653
9 SECONDARY	H29	P29	A29	9,479	0	0	0	0	9,479
10 TOTAL SUBSTATIONS			AST	33,429	18	227	18	263	33,166
11 OVERHEAD LINES									
12 66/138 KV	H31	P31	A31	37,809	650	287	632	1,569	36,240
13 PRIMARY	H32	P32	A32	32,243	0	307	0	307	31,936
14 SECONDARY									
15 DEMAND COMPONENT	H33	P33	A33	16,474	0	0	0	0	16,474
16 CUSTOMER COMPONENT	H34	P34	A34	58,317	0	0	0	0	58,317
17 STREET LIGHTING	H35	P35	A35	5,839	0	0	0	0	5,839
18 TOTAL OVERHEAD LINES			AOL	150,682	650	594	632	1,876	148,806
19 UNDERGROUND LINES									
20 66/138 KV	H36	P36	A36	789	14	6	13	33	756
21 PRIMARY	H37A	P37A	A37A	1,285	0	12	0	12	1,273
22 SECONDARY									
23 DEMAND COMPONENT	H37	P37	A37	5,698	0	0	0	0	5,698
24 CUSTOMER COMPONENT	H38	P38	A38	5,871	0	0	0	0	5,871
25 TOTAL UNDERGROUND LINES			AUG	13,643	14	18	13	45	13,598
26 LINE TRANSFORMERS									
27 DEMAND COMPONENT	H39	P39	A39	36,980	0	0	0	0	36,980
28 CUSTOMER COMPONENT	H40	P40	A40	5,244	0	0	0	0	5,244
29 TOTAL LINE TRANSFORMERS			ALT	42,224	0	0	0	0	42,224
30 SERVICES									
31 DEMAND COMPONENT	H41	P41	A41	8,885	0	0	0	0	8,885
32 CUSTOMER COMPONENT	H42	P42	A42	26,656	0	0	0	0	26,656
33 TOTAL SERVICES			ASV	35,541	0	0	0	0	35,541
34 METERS	H43	P43	A43	16,403	12	7	0	19	16,384
35 AREA LIGHTING FIXTURES	H44	P44	A44	911	0	0	0	0	911
36 STREET LIGHTING	H46	P46	A46	10,936	0	0	0	0	10,936
37 TOTAL DISTRIBUTION FUNCTION			A30	303,769	694	846	663	2,203	301,566
38 GENERAL FUNCTION	H88	P88	A88	24,223	240	120	233	593	23,630
39 RESERVE FOR DEPRECIATION			A00	801,108	9,072	4,557	8,795	22,424	778,684
40 NET PLANT IN SERVICE			P01	2,022,816	22,364	11,592	21,685	55,641	1,967,175

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	ADDITIONS TO NET PLANT									
2	PLANT HELD FOR FUTURE USE									
3	PRODUCTION PLANT	QF10	P10	PF10	5,941	102	45	99	246	5,695
4	TRANSMISSION PLANT	QF20	P20	PF20	979	17	7	17	41	938
5	DISTRIBUTION PLANT									
6	66/138 KV	QF31	P10	PF31	7,579	130	58	126	314	7,265
7	PRIMARY	QF32	P20	PF32	1,560	27	12	26	65	1,495
8	SECONDARY	QF33	AT3	PF33	262	0	0	0	0	262
9	TOTAL DISTRIBUTION PLANT			PF30	9,401	157	70	152	379	9,022
10	GENERAL PLANT	QF88	P88	PF88	2,624	26	13	25	64	2,560
11	TOT PL HELD FOR FUTURE USE			PF00	18,945	302	135	293	730	18,215
12	POLLUTION CONTROL PROJECTS	IPC	P10	PC00	18,887	325	143	316	784	18,103
13	ASSOCIATED RETIREMENTS	IPCR	P10	PCR0	186	3	2	3	8	178
14	TOTAL ADDITIONS TO NET PLANT			PLADD	37,646	624	276	606	1,506	36,140

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	RESALE TOTAL	PENNA. JURISDICT
1 WORKING CAPITAL									
2 FUEL INVENTORY	M12	U10	W12	164,506	2,599	1,250	2,061	5,910	158,596
3 PLANT MATERIALS AND SUPPLIES									
4 PRODUCTION PLANT	M13	P10	W13	2,146	37	16	36	89	2,057
5 TRANS/DIST PLANT	M14	AT2	W14	20,984	130	89	125	344	20,640
6 METER PARTS	M15	P43	W15	36	0	0	0	0	36
7 TOTAL PL MATERIALS & SUPP			W12	23,166	167	105	161	433	22,733
8 EXP APPLICABLE FOR WORKING CAPITAL									
9 TOTAL O & M EXPENSE			EE00	717,250	9,614	4,750	7,920	22,284	694,966
10 LESS NET INTERCHANGE			PP2	-238,705	-3,771	-1,814	-2,991	-8,576	-230,129
11 LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	4,509	0	0	0	0	4,509
12 TOTAL APPLICABLE EXPENSE			WCAP	951,446	13,385	6,564	10,911	30,860	920,586
13 WORKING CAPITAL - O & M	CASH	WCAP	WCA	35,455	499	244	407	1,150	34,305
14 PREPAYMENTS									
15 PREPAID INSURANCE	MC2B	AT1	WCPB	1,590	18	9	17	44	1,546
16 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	220	1	1	2	4	216
17 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	378	4	2	4	10	368
18 TOTAL PREPAYMENTS			WCP	2,188	23	12	23	58	2,130
19 ACCRUED TAX ADJUST	MCT	WCA	WCT	6,508	92	44	75	211	6,297
20 SEMI ANN INTEREST PAYMENTS	AE	WCA	EA00	-17,250	-243	-118	-199	-560	-16,690
21 PREF DIVIDEND PAYMENTS	AF	WCA	FA00	-972	-14	-6	-12	-32	-940
22 TOTAL WORKING CAPITAL			W00	213,601	3,123	1,531	2,516	7,170	206,431

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1	DEDUCTIONS FROM NET PLANT									
2	ACCUMULATED DEFERRED INCOME TAXES									
3	ACCELERATED AMORTIZATION	TCC00	P10	DF00	2,808	48	22	46	116	2,692
4	LIBERALIZED DEPRECIATION	TCC01	P00	DF01	57,020	635	326	615	1,576	55,444
5	ACCELERATED COST RECOVERY	TCC02	P00	DF02	4,228	47	24	46	117	4,111
6	TEST POWER MARTINS CREEK	TCC03	U10	DF03	6,923	109	53	87	249	6,674
7	CONV TO MONTHLY BILLING	TCC04	K401	DF04	3,581	0	0	0	0	3,581
8	TOTAL ACCUM DEF INCOME TAXES			DF99	74,560	839	425	794	2,058	72,502
9	CUSTOMER ADVANCES	AC	K401	CA00	164	0	0	0	0	164
10	CUSTOMER DEPOSITS	AD	K401	DA00	1,841	0	0	0	0	1,841
11	TOTAL DEDUCTS FROM NET PLANT			PLDED	76,565	839	425	794	2,058	74,507

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OTHER ELECTRIC REVENUES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 OTHER OPERATING REVENUES									
2 MISCELLANEOUS	S12	K401	R12C	176	0	0	0	0	176
3 RENT FROM ELEC PROP RELATED TO:									
4 TRANSMISSION	S13	P20	R13	1,080	19	8	18	45	1,035
5 DISTRIBUTION	S14	P30	R14	3,760	9	12	9	30	3,730
6 TRANS/DIST	S15	AT2	R15	31	0	0	1	1	30
7 GENERAL	S16	P88	R16	240	2	2	2	6	234
8 TOTAL RENT FROM ELEC PROP			R19	5,111	30	22	30	82	5,029
9 OTHER ELEC REVENUES RELATED TO:									
10 PRODUCTION	S20A	P10	R20A	597	10	5	10	25	572
11 TRANSMISSION	S20B	P20	R20B	1,902	33	14	32	79	1,823
12 DIST-OVERHEAD LINES	S20C	POL	R20C	259	1	1	1	3	256
13 GENERAL	S20D	P88	R20D	19	0	0	0	0	19
14 CUSTOMER ACCOUNTS	S20E	CW4	R20EC	155	0	0	0	0	155
15 TOTAL-OTHER ELEC REVENUES			R20	2,932	44	20	43	107	2,825
16 TOTAL OTHER OPERATING REVS			R21	8,219	74	42	73	189	8,030

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	RESALE TOTAL	PENNA. JURISDICT
1	OPERATION AND MAINTENANCE EXPENSE									
2	PRODUCTION FUNCTION									
3	NET INTERCHANGE	EP2	U10	PP2	-238,705	-3,771	-1,814	-2,991	-8,576	-230,129
4	OTHER PURCHASES-DEMAND	EP3	D10	PP3	3,273	56	25	55	136	3,137
5	OTHER PURCHASES-ENERGY	EP4	U10	PP4	26	0	1	0	1	25
6	INSTALLED CAPACITY	G08	D10	EE08	-555	-10	-4	-9	-23	-532
7	FUEL	G09	U10	EE09	655,317	10,352	4,982	8,210	23,544	631,773
8	OTHER PRODUCTION EXPENSE									
9	DEMAND COMPONENT	G11	D10	EE11	48,882	841	371	816	2,028	46,854
10	ENERGY COMPONENT	G12	U10	EE12	60,076	949	457	752	2,158	57,918
11	TOTAL PRODUCTION FUNCTION			EE10	528,314	8,417	4,018	6,833	19,268	509,046
12	DEMAND COMPONENT			EE10D	51,600	887	392	862	2,141	49,459
13	ENERGY COMPONENT			EE10E	476,714	7,530	3,626	5,971	17,127	459,587
14	TRANSMISSION FUNCTION	G20	P20	EE20	10,812	186	82	181	449	10,363
15	DISTRIBUTION FUNCTION									
16	SUBSTATIONS									
17	GENERATION STEP-UP	G26	P26	EE26	29	1	0	0	1	28
18	66/138 KV	G27	P27	EE27	206	4	1	4	9	197
19	PRIMARY	G28	P28	EE28	5,046	0	48	0	48	4,998
20	SECONDARY	G29	P29	EE29	2,038	0	0	0	0	2,038
21	TOTAL SUBSTATIONS			EESS	7,319	5	49	4	58	7,261
22	OVERHEAD LINES									
23	66/138 KV	G31	P31	EE31	8,026	138	61	134	333	7,693
24	PRIMARY	G32	P32	EE32	6,677	0	64	0	64	6,613
25	SECONDARY									
26	DEMAND COMPONENT	G33	P33	EE33	3,369	0	0	0	0	3,369
27	CUSTOMER COMPONENT	G34	P34	EE34	12,263	0	0	0	0	12,263
28	STREET LIGHTING	G35	P35	EE35	1,390	0	0	0	0	1,390
29	TOTAL OVERHEAD LINES			EEOL	31,725	138	125	134	397	31,328
30	UNDERGROUND LINES									
31	66/138 KV	G36	P36	EE36	191	3	2	3	8	183
32	PRIMARY	G37A	P37A	EE37A	311	0	3	0	3	308
33	SECONDARY									
34	DEMAND COMPONENT	G37	P37	EE37	1,378	0	0	0	0	1,378
35	CUSTOMER COMPONENT	G38	P38	EE38	1,421	0	0	0	0	1,421
36	TOTAL UNDERGROUND LINES			EEUG	3,301	3	5	3	11	3,290
37	LINE TRANSFORMERS									
38	DEMAND COMPONENT	G39	P39	EE39	2,757	0	0	0	0	2,757
39	CUSTOMER COMPONENT	G40	P40	EE40	391	0	0	0	0	391
40	TOTAL LINE TRANSFORMERS			EELT	3,148	0	0	0	0	3,148
41	MISC DIST EXPENSE & RENTS	G41	P30	EE41	8,389	21	25	20	66	8,323
42	DEMAND COMPONENT			EE41D	5,036	21	25	20	66	4,970
43	CUSTOMER COMPONENT			EE41C	3,353	0	0	0	0	3,353
44	METERS	G43	P43	EE43	5,320	4	2	0	6	5,314
45	STREET LIGHTING	G46	P46	EE46	1,958	0	0	0	0	1,958
46	CUSTOMER INSTALLATIONS	G47	C31	EE47	3,403	0	0	0	0	3,403
47	TOTAL DISTRIBUTION FUNCTION			EE30	64,563	171	206	161	538	64,025

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	OPERATION AND MAINTENANCE EXPENSE CONTINUED									
2	CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	5,588	4	2	0	6	5,582
3	CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	19,341	0	1	0	1	19,340
4	SALES FUNCTION	G60	K401	EE60	975	0	0	0	0	975
5	CUST SERVICE & INFORMATION	G65	K401	EE65	5,654	0	0	0	0	5,654
6	ADMINISTRATIVE AND GENERAL									
7	PUC - REGULATORY EXPENSE	G70	K401	EE70	120	0	0	0	0	120
8	FERC - REGULATORY EXPENSE	G71	XP3	EE71	40	15	23	2	40	0
9	PROPERTY INSURANCE	G72	P10	EE72	3,062	53	23	51	127	2,935
10	OTHER ADMIN & GENERAL	G74	K929	EE74	62,699	602	310	545	1,457	61,242
11	TOTAL A & G EXPENSE			EE76	65,921	670	356	598	1,624	64,297
12	ADJUSTMENTS TO O & M EXPENSE									
13	ENERGY ADJUSTMENT	G81	U15	EE81	2,222	36	17	30	83	2,139
14	WAGE EXPENSE	G83	K939	EE83	9,718	93	48	85	226	9,492
15	EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	3,544	34	18	30	82	3,462
16	PUC - REGULATORY EXPENSE	G87	K401	EE87	112	0	0	0	0	112
17	AMORTIZATION OF FLOOD COST	G88	AT2D	EE88	320	3	2	2	7	313
18	INTEREST ON CUST DEPOSITS	G89	K401	EE89	166	0	0	0	0	166
19	TOTAL O & M EXPENSE			EE00	717,250	9,614	4,750	7,920	22,284	694,966

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	DEPRECIATION EXPENSE									
2	PRODUCTION FUNCTION	GD10	P10	ED10	42,195	726	320	705	1,751	40,444
3	TRANSMISSION FUNCTION	GD20	P20	ED20	8,038	138	61	134	333	7,705
4	DISTRIBUTION FUNCTION									
5	SUBSTATIONS									
6	GENERATION STEP-UP	GD26	P26	ED26	16	0	0	1	1	15
7	66/138 KV	GD27	P27	ED27	121	2	1	2	5	116
8	PRIMARY	GD28	P28	ED28	2,881	0	27	0	27	2,854
9	SECONDARY	GD29	P29	ED29	1,193	0	0	0	0	1,193
10	TOTAL SUBSTATIONS			EDSS	4,211	2	28	3	33	4,178
11	OVERHEAD LINES									
12	66/138 KV	GD31	P31	ED31	4,828	83	37	80	200	4,628
13	PRIMARY	GD32	P32	ED32	4,192	0	40	0	40	4,152
14	SECONDARY									
15	DEMAND COMPONENT	GD33	P33	ED33	2,125	0	0	0	0	2,125
16	CUSTOMER COMPONENT	GD34	P34	ED34	7,648	0	0	0	0	7,648
17	STREET LIGHTING	GD35	P35	ED35	827	0	0	0	0	827
18	TOTAL OVERHEAD LINES			EDOL	19,620	83	77	80	240	19,380
19	UNDERGROUND LINES									
20	66/138 KV	GD36	P36	ED36	100	2	0	2	4	96
21	PRIMARY	GD37A	P37A	ED37A	159	0	2	0	2	157
22	SECONDARY									
23	DEMAND COMPONENT	GD37	P37	ED37	708	0	0	0	0	708
24	CUSTOMER COMPONENT	GD38	P38	ED38	730	0	0	0	0	730
25	TOTAL UNDERGROUND LINES			EDUG	1,697	2	2	2	6	1,691
26	LINE TRANSFORMERS									
27	DEMAND COMPONENT	GD39	P39	ED39	4,773	0	0	0	0	4,773
28	CUSTOMER COMPONENT	GD40	P40	ED40	677	0	0	0	0	677
29	TOTAL LINE TRANSFORMERS			EDLT	5,450	0	0	0	0	5,450
30	SERVICES									
31	DEMAND COMPONENT	GD41	P41	ED41	1,567	0	0	0	0	1,567
32	CUSTOMER COMPONENT	GD42	P42	ED42	4,702	0	0	0	0	4,702
33	TOTAL SERVICES			EDSV	6,269	0	0	0	0	6,269
34	METERS	GD43	P43	ED43	1,648	1	1	0	2	1,646
35	AREA LIGHTING FIXTURES	GD44	P44	ED44	238	0	0	0	0	238
36	STREET LIGHTING	GD46	P46	ED46	1,205	0	0	0	0	1,205
37	TOTAL DISTRIBUTION FUNCTION			ED30	40,338	88	108	85	281	40,057
38	GENERAL FUNCTION	GD88	P88	ED88	2,715	27	13	26	66	2,649
39	DEPRECIATION EXPENSE			ED00	93,286	979	502	950	2,431	90,855

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	PAYROLL TAXES	GP00	K939	EP00	7,706	74	38	67	179	7,527
2	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS									
3	CAPITAL STOCK TAX	GT1	P01	ET1	10,432	115	60	112	287	10,145
4	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0	0	0
5	REGULATORY COMM ASSESSMENT	GT5	K401	ET5	1,366	0	0	0	0	1,366
6	LOCAL PROPERTY TAXES	GT6	P01	ET6	245	3	1	3	7	238
7	SALES & USE TAX	GT7	P01	ET7	439	5	2	5	12	427
8	OTHER TAXES AT PRESENT RATES			ET00	12,482	123	63	120	306	12,176
9	CAPITAL STOCK TAX ADJUSTMENT	GT9	K401	ET9	682	0	0	0	0	682
10	ADJUSTED OTHER TAXES			ET01	13,164	123	63	120	306	12,858

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 AMORTIZATION OF PROPERTY LOSS	INCD21	P10	TXD21	560	10	4	9	23	537
2 DEFERRED INCOME TAXES - NET				-552	-9	-5	-9	-23	-529
3 ACCEL AMORT EMERG FACIL	INCD1	P10	TXD1	-126	-2	-1	-2	-5	-121
4 ACCEL AMORT POLLUTION CTL	INCD2	P10	TXD2	-113	-1	-1	-1	-3	-110
5 CLASS LIFE SYSTEM	INCD3	P00	TXD3	-732	-8	-4	-8	-20	-712
6 REMOVAL COSTS	INCD4	P00	TXD4	4,887	54	28	53	135	4,752
7 ACCEL COST RECOVERY SYSTEM	INCD5	P00	TXD5	-248	-4	-2	-3	-9	-239
8 TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-208	-4	-1	-4	-9	-199
9 EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-558	0	0	0	0	-558
10 CONV TO MONTHLY BILLING	INCDD	K401	TXDD	45	1	0	1	2	43
11 DEMONSTRATION PROJECTS	INCDE	P10	TXDE	153	0	0	0	0	153
12 RCS PROGRAM	INCDF	K401	TXDF	2,548	27	14	27	68	2,480
13 DEFERRED INCOME TAXES - NET			TXD31						
14 INVEST TAX CREDIT AMORT	INCD38	P00	TXD38	-2,597	-29	-15	-28	-72	-2,525
15 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	69,284	771	396	748	1,915	67,369
16 INVEST TAX CR PROV ADJ PROP	INVT	K401	IXVT	87,111	0	0	0	0	87,111
17 NET INVEST TAX CR PRES RATES			TXD39	66,687	742	381	720	1,843	64,844
18 NET INVEST TAX CR PROP RATES			TXD32	153,798	742	381	720	1,843	151,955

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF INCOME TAX ADJUSTMENTS AND DEDUCTIONS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 LATE PAYMENT CHARGE	S11	CW7	LPC	3,350	46	41	0	87	3,263
2 LATE PAYMENT CHARGE	S10	K401	LPCP	3,900	0	0	0	0	3,900
3 INTEREST EXPENSE	INCD11	P01	TXD11	116,064	1,283	665	1,245	3,193	112,871
4 FEDERAL INCOME TAX ADJUSTMENT									
5 TAXES CAPITALIZED	INCD12	P00	TXD12	-6,767	-75	-39	-73	-187	-6,580
6 PENSIONS CAPITALIZED	INCD13	P00	TXD13	-8,879	-99	-51	-95	-245	-8,634
7 BOOK DEPRECIATION	INCD15	ED00	TXD15	93,286	979	502	950	2,431	90,855
8 DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	157	2	0	2	4	153
9 TAX DEPRECIATION	INCD18	ED00	TXD18	-101,970	-1,070	-549	-1,038	-2,657	-99,313
10 REMOVAL COSTS	INCD19	P00	TXD19	-6,000	-67	-34	-65	-166	-5,834
11 AMORTIZATION OF PROPERTY LOSS	INCD21	D10	TXD21	560	10	4	9	23	537
12 CONV TO MONTHLY BILLING	INCD23	K401	TXD23	1,104	0	0	0	0	1,104
13 AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-8	0	0	0	0	-8
14 DEMONSTRATION PROJECTS	INCD25	K401	TXD25	-87	0	0	0	0	-87
15 AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	320	3	2	2	7	313
16 PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-839	-9	-5	-9	-23	-816
17 RCS PROGRAM	INCD28	K401	TXD28	-294	0	0	0	0	-294
18 MISCELLANEOUS	INCD30	P01	TXD30	-89	-1	0	-1	-2	-87
19 PA INCOME TAX ADJUSTMENT									
20 TAX PREFERENCE INCOME									
21 EXCESS DEPRECIATION	NCD40A	P88	TXD40A	-74	-1	0	-1	-2	-72
22 OTHER	NCD40B	D10	TXD40B	0	0	0	0	0	0
23 ACRS DEPRECIATION	INCD41	P00	TXD41	2,519	28	14	28	70	2,449
24 SURTAX	SURTAX	RBX	SURT	19	0	0	1	1	18

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF ALLOCATORS

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE SECTIONS A & B FOR FURTHER DETAILS

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY		RESALE		PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 AMOUNTS EXPRESSED IN $1,000									
2 METER INVESTMENT	CW1			45,133	32	20	0	52	45,081
3 CUSTOMER ACCOUNTS EXPENSE	CW4			19,341	0	1	0	1	19,340
4 LATE PAYMENT CHARGE	CW7			2,939	40	36	0	76	2,863
5 AMOUNTS EXPRESSED IN UNITS									
6 CUSTOMERS	C10			1,006,638	6	9	1	16	1,006,622
7 CUSTS SECONDARY SUBS & LINES	C30			1,005,841	0	0	0	0	1,005,841
8 CUSTS SECONDARY SERVICES	C31			1,005,128	0	0	0	0	1,005,128
9 AMOUNTS EXPRESSED IN MW									
10 DEMAND PROD-TRANS	D10			3,953	68	30	66	164	3,789
11 DEMAND PRIMARY CUSTS & BELOW	D20			3,146	0	30	0	30	3,116
12 DEMAND SECONDARY CUSTOMERS	D30			4,039	0	0	0	0	4,039
13 DEMAND SECONDARY SERVICES	D31			4,005	0	0	0	0	4,005
14 AMOUNTS EXPRESSED IN MWH									
15 ENERGY AT GENERATION LEVEL	U10			24,522,426	387,396	186,403	307,232	881,031	23,641,395
16 ENERGY AT SALES LEVEL	U15			23,108,982	377,703	177,303	307,232	862,238	22,246,744
17 DIRECT ASSIGNMENT									
18 DIRECT TO PENNA JURISDICTION	K401			1	0	0	0	0	1
19 FERC SYSTEM SUPPLY CUSTS	XP3			16	6	9	1	16	0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES									
2 PRODUCTION									
3 DEMAND RELATED	K900	P1D	K901	24,753	426	188	413	1,027	23,726
4 ENERGY RELATED	K902	U10	K903	20,193	319	153	253	725	19,468
5 TRANSMISSION	K904	P20	K905	4,190	72	32	70	174	4,016
6 DISTRIBUTION	K906	P30	K907	26,051	64	80	62	206	25,845
7 CUSTOMER ACCTS	K920	CW4	K921	11,492	0	1	0	1	11,491
8 CUSTOMER SERV & INFO	K922	C10	K923	4,380	0	0	0	0	4,380
9 SALES	K924	K401	K925D	731	0	0	0	0	731
10 SUB-TOTAL			K929	91,790	881	454	798	2,133	89,657
11 ADMIN & GENERAL	K930	K929	K931	22,764	218	113	198	529	22,235
12 TOTAL			K939	114,554	1,099	567	996	2,662	111,892
13 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT									
14 PRODUCTION	K910	P1D	K911	44,946	773	341	751	1,865	43,081
15 TRANSMISSION	K904	P20	K905	4,190	72	32	70	174	4,016
16 DISTRIBUTION	K906	P30	K907	26,051	64	80	62	206	25,845
17 CUSTOMER ACCTS	K920	CW4	K921	11,492	0	1	0	1	11,491
18 CUSTOMER SERV & INFO	K922	C10	K923	4,380	0	0	0	0	4,380
19 SALES	K924	K401	K925D	731	0	0	0	0	731
20 TOTAL			K433	91,790	909	454	883	2,246	89,544

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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$1,000

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2	ELECTRIC PLANT IN SERVICE						
3	PRODUCTION PLANT	Q10	D10	P10	AJB2	A3	1,231,521
4	TRANSMISSION PLANT	Q20	D10	P20	AJB2	A3	376,470
5	DISTRIBUTION PLANT						
6	SUBSTATIONS						
7	GENERATION STEP-UP	Q26	D10	P26	AJB2	A5	560
8	66/138 KV	Q27	D10	P27	AJB2	A5	4,159
9	PRIMARY	Q28	D20	P28	AJB2	A5	102,219
10	SECONDARY	Q29	D30	P29	AJB2	A5	41,251
11	TOTAL SUBSTATIONS			PSS			148,189
12	OVERHEAD LINES						
13	66/138 KV	Q31	D10	P31	AJB2	A5	148,071
14	PRIMARY	Q32	D20	P32	AJB2	A5	123,239
15	SECONDARY						
16	DEMAND COMPONENT	Q33	D30	P33	AJB2	A5	62,180
17	CUSTOMER COMPONENT	Q34	C30	P34	AJB2	A5	226,220
18	STREET LIGHTING	Q35	K401	P35	AJB2	A5	25,647
19	TOTAL OVERHEAD LINES			POL			585,357
20	UNDERGROUND LINES						
21	66/138 KV	Q36	D10	P36	AJB2	A5	4,054
22	PRIMARY	Q37A	D20	P37A	AJB2	A5	6,575
23	SECONDARY						
24	DEMAND COMPONENT	Q37	D30	P37	AJB2	A5	29,165
25	CUSTOMER COMPONENT	Q38	C30	P38	AJB2	A5	30,056
26	TOTAL UNDERGROUND LINES			PUG			69,850
27	LINE TRANSFORMERS						
28	DEMAND COMPONENT	Q39	D30	P39	AJB2	A5	119,838
29	CUSTOMER COMPONENT	Q40	K401	P40	AJB2	A5	16,995
30	TOTAL LINE TRANSFORMERS			PLT			136,833
31	SERVICES						
32	DEMAND COMPONENT	Q41	D31	P41	AJB2	A5	25,260
33	CUSTOMER COMPONENT	Q42	C31	P42	AJB2	A5	75,779
34	TOTAL SERVICES			PSV			101,039
35	METERS	Q43	CW1	P43	AJB2	A5	45,133
36	AREA LIGHTING FIXTURES	Q44	K401	P44	AJB2	A5	2,383
37	STREET LIGHTING	Q46	K401	P46	AJB2	A5	21,680
38	TOTAL DISTRIBUTION PLANT			P30			1,110,464
39	PROD/TRANS/DIST PLANT			AT1			2,718,456
40	TRANS/DIST PLANT			AT2			1,486,934
41	DISTRIBUTION SECONDARY			AT3			721,587
42	GENERAL PLANT	Q88	K433	P88	AJB2	A3	104,824
43	INTANGIBLE PLANT	Q95	K433	P95	AJB2	A3	645
44	ELECTRIC PLANT IN SERVICE			P00			2,823,925

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2	RESERVE FOR DEPRECIATION						
3	PRODUCTION FUNCTION	H10	P10	A10	AJB2	A6	400,777
4	TRANSMISSION FUNCTION	H20	P20	A20	AJB2	A6	72,339
5	DISTRIBUTION FUNCTION						
6	SUBSTATIONS						
7	GENERATION STEP-UP	H26	P26	A26	AJB2	A7	126
8	66/138 KV	H27	P27	A27	AJB2	A7	953
9	PRIMARY	H28	P28	A28	AJB2	A7	22,871
10	SECONDARY	H29	P29	A29	AJB2	A7	9,479
11	TOTAL SUBSTATIONS			AST			33,429
12	OVERHEAD LINES						
13	66/138 KV	H31	P31	A31	AJB2	A7	37,809
14	PRIMARY	H32	P32	A32	AJB2	A7	32,243
15	SECONDARY						
16	DEMAND COMPONENT	H33	P33	A33	AJB2	A7	16,474
17	CUSTOMER COMPONENT	H34	P34	A34	AJB2	A7	58,317
18	STREET LIGHTING	H35	P35	A35	AJB2	A7	5,839
19	TOTAL OVERHEAD LINES			AOL			150,682
20	UNDERGROUND LINES						
21	66/138 KV	H36	P36	A36	AJB2	A7	789
22	PRIMARY	H37A	P37A	A37A	AJB2	A7	1,285
23	SECONDARY						
24	DEMAND COMPONENT	H37	P37	A37	AJB2	A7	5,698
25	CUSTOMER COMPONENT	H38	P38	A38	AJB2	A7	5,871
26	TOTAL UNDERGROUND LINES			AUG			13,643
27	LINE TRANSFORMERS						
28	DEMAND COMPONENT	H39	P39	A39	AJB2	A7	36,980
29	CUSTOMER COMPONENT	H40	P40	A40	AJB2	A7	5,244
30	TOTAL LINE TRANSFORMERS			ALT			42,224
31	SERVICES						
32	DEMAND COMPONENT	H41	P41	A41	AJB2	A7	8,885
33	CUSTOMER COMPONENT	H42	P42	A42	AJB2	A7	26,656
34	TOTAL SERVICES			ASV			35,541
35	METERS	H43	P43	A43	AJB2	A7	16,403
36	AREA LIGHTING FIXTURES	H44	P44	A44	AJB2	A7	911
37	STREET LIGHTING	H46	P46	A46	AJB2	A7	10,936
38	TOTAL DISTRIBUTION FUNCTION			A30			303,769
39	GENERAL FUNCTION	H88	P88	A88	AJB2	A6	24,223
40	RESERVE FOR DEPRECIATION			A00			801,108
41	NET PLANT IN SERVICE			P01			2,022,817

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX- HIBIT	PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 ADDITIONS TO NET PLANT						
3 PLANT HELD FOR FUTURE USE						
4 PRODUCTION PLANT	QF10	P10	PF10	HIST1	C3	5,941
5 TRANSMISSION PLANT	QF20	P20	PF20	HIST1	C3	979
6 DISTRIBUTION PLANT						
7 66/138 KV	QF31	P10	PF31	HIST1	C3	7,579
8 PRIMARY	QF32	P20	PF32	HIST1	C3	1,560
9 SECONDARY	QF33	AT3	PF33	HIST1	C3	262
10 TOTAL DISTRIBUTION PLANT			PF30			9,401
11 GENERAL PLANT	QF88	P88	PF88	HIST1	C3	2,624
12 TOT PL HELD FOR FUTURE USE			PF00			18,946
13 POLLUTION CONTROL PROJECTS	IPC	P10	PC00	HIST1	C3	18,887
14 ASSOCIATED RETIREMENTS	IPCR	P10	PCR0	HIST1	C3	186
15 TOTAL ADDITIONS TO NET PLANT			PLADD			37,648

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 WORKING CAPITAL						
3 FUEL INVENTORY	M12	U10	W12	HIST1	C6	164,506
4 PLANT MATERIALS AND SUPPLIES						
5 PRODUCTION PLANT	M13	P10	W13	HIST1	C6	2,146
6 TRANS/DIST PLANT	M14	AT2	W14	HIST1	C6	20,984
7 METER PARTS	M15	P43	W15	HIST1	C6	36
8 TOTAL PL MATERIALS & SUPP			WT2			23,166
9 EXP APPLICABLE FOR WORKING CAPITAL						
10 TOTAL O & M EXPENSE			EE00			717,251
11 LESS NET INTERCHANGE			PP2			-238,705
12 LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	HIST1	C5	4,509
13 TOTAL APPLICABLE EXPENSE			WCAP			951,447
14 WORKING CAPITAL - O & M	CASH	WCAP	WCA	HIST1	C5	35,455
15 PREPAYMENTS						
16 PREPAID INSURANCE	MC2B	AT1	WCPB	HIST1	C5	1,590
17 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	HIST1	C5	220
18 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	HIST1	C5	378
19 TOTAL PREPAYMENTS			WCP			2,188
20 ACCRUED TAX ADJUST	MCT	WCA	WCT	HIST1	C5	6,508
21 SEMI ANN INTEREST PAYMENTS	AE	WCA	EA00	HIST1	C5	-17,250
22 PREF DIVIDEND PAYMENTS	AF	WCA	FA00	HIST1	C5	-972
23 TOTAL WORKING CAPITAL			W00			213,601

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 DEDUCTIONS FROM NET PLANT						
3 ACCUMULATED DEFERRED INCOME TAXES						
4 ACCELERATED AMORTIZATION	TCC00	P10	DF00	HIST1	C7	2,808
5 LIBERALIZED DEPRECIATION	TCC01	P00	DF01	HIST1	C7	57,020
6 ACCELERATED COST RECOVERY	TCC02	P00	DF02	HIST1	C7	4,228
7 TEST POWER MARTINS CREEK	TCC03	U10	DF03	HIST1	C7	6,923
8 CONV TO MONTHLY BILLING	TCC04	K401	DF04	HIST1	C7	3,581
9 TOTAL ACCUM DEF INCOME TAXES			DF99			74,560
10 CUSTOMER ADVANCES	AC	K401	CA00	HIST1	C1	164
11 CUSTOMER DEPOSITS	AD	K401	DA00	HIST1	C1	1,841
12 TOTAL DEDUCTS FROM NET PLANT			PLDED			76,565

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
REFERENCES FOR INPUT VALUES
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 OTHER OPERATING REVENUES						
3 MISCELLANEOUS	S12	K401	R12C	REGSIIID	13	176
4 RENT FROM ELEC PROP RELATED TO:						
5 TRANSMISSION	S13	P20	R13	AJB2	A8	1,080
6 DISTRIBUTION	S14	P30	R14	AJB2	A8	3,760
7 TRANS/DIST	S15	AT2	R15	AJB2	A8	31
8 GENERAL	S16	P88	R16	AJB2	A8	240
9 TOTAL RENT FROM ELEC PROP			R19			5,111
10 OTHER ELEC REVENUES RELATED TO:						
11 PRODUCTION	S20A	P10	R20A	AJB2	A8	597
12 TRANSMISSION	S20B	P20	R20B	AJB2	A8	1,902
13 DIST-OVERHEAD LINES	S20C	POL	R20C	AJB2	A8	259
14 GENERAL	S20D	P88	R20D	AJB2	A8	19
15 CUSTOMER ACCOUNTS	S20E	CW4	R20EC	AJB2	A8	155
16 TOTAL-OTHER ELEC REVENUES			R20			2,932
17 TOTAL OTHER OPERATING REVS			R21			8,219

PENNSYLVANIA POWER & LIGHT COMPANY
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 OPERATION AND MAINTENANCE EXPENSE						
3 PRODUCTION FUNCTION						
4 NET INTERCHANGE	EP2	U10	PP2	AJB2	A10	-238,705
5 OTHER PURCHASES-DEMAND	EP3	D10	PP3	AJB2	A10	3,273
6 OTHER PURCHASES-ENERGY	EP4	U10	PP4	AJB2	A10	26
7 INSTALLED CAPACITY	G08	D10	EE08	AJB2	A10	-555
8 FUEL	G09	U10	EE09	AJB2	A10	655,317
9 OTHER PRODUCTION EXPENSE						
10 DEMAND COMPONENT	G11	D10	EE11	AJB2	A10	48,882
11 ENERGY COMPONENT	G12	U10	EE12	AJB2	A10	60,076
12 TOTAL PRODUCTION FUNCTION			EE10			528,314
13 DEMAND COMPONENT			EE10D			51,600
14 ENERGY COMPONENT			EE10E			476,714
15 TRANSMISSION FUNCTION	G20	P20	EE20	HIST1	B4	10,812
16 DISTRIBUTION FUNCTION						
17 SUBSTATIONS						
18 GENERATION STEP-UP	G26	P26	EE26	AJB2	A15	29
19 66/138 KV	G27	P27	EE27	AJB2	A15	206
20 PRIMARY	G28	P28	EE28	AJB2	A15	5,046
21 SECONDARY	G29	P29	EE29	AJB2	A15	2,038
22 TOTAL SUBSTATIONS			EESS			7,319
23 OVERHEAD LINES						
24 66/138 KV	G31	P31	EE31	AJB2	A15	8,026
25 PRIMARY	G32	P32	EE32	AJB2	A15	6,677
26 SECONDARY						
27 DEMAND COMPONENT	G33	P33	EE33	AJB2	A15	3,369
28 CUSTOMER COMPONENT	G34	P34	EE34	AJB2	A15	12,263
29 STREET LIGHTING	G35	P35	EE35	AJB2	A15	1,390
30 TOTAL OVERHEAD LINES			EEOL			31,725
31 UNDERGROUND LINES						
32 66/138 KV	G36	P36	EE36	AJB2	A15	191
33 PRIMARY	G37A	P37A	EE37A	AJB2	A15	311
34 SECONDARY						
35 DEMAND COMPONENT	G37	P37	EE37	AJB2	A15	1,378
36 CUSTOMER COMPONENT	G38	P38	EE38	AJB2	A15	1,421
37 TOTAL UNDERGROUND LINES			EEUG			3,301
38 LINE TRANSFORMERS						
39 DEMAND COMPONENT	G39	P39	EE39	AJB2	A15	2,757
40 CUSTOMER COMPONENT	G40	P40	EE40	AJB2	A15	391
41 TOTAL LINE TRANSFORMERS			EELT			3,148
42 MISC DIST EXPENSE & RENTS	G41	P30	EE41	AJB2	A15	8,389
43 DEMAND COMPONENT			EE41D			5,036
44 CUSTOMER COMPONENT			EE41C			3,353
45 METERS	G43	P43	EE43	AJB2	A15	5,320
46 STREET LIGHTING	G46	P46	EE46	AJB2	A15	1,958
47 CUSTOMER INSTALLATIONS	G47	C31	EE47	AJB2	A15	3,403
48 TOTAL DISTRIBUTION FUNCTION			EE30			64,563

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EXHIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 OPERATION AND MAINTENANCE EXPENSE CONTINUED						
3 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	AJB2	A17	5,588
4 CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	AJB2	A17	19,341
5 SALES FUNCTION	G60	K401	EE60	HIST1	B4	975
6 CUST SERVICE & INFORMATION	G65	K401	EE65	HIST1	B4	5,654
7 ADMINISTRATIVE AND GENERAL						
8 PUC - REGULATORY EXPENSE	G70	K401	EE70	AJB2	A18	120
9 FERC - REGULATORY EXPENSE	G71	XP3	EE71	AJB2	A18	40
10 PROPERTY INSURANCE	G72	P10	EE72	AJB2	A18	3,062
11 OTHER ADMIN & GENERAL	G74	K929	EE74	AJB2	A18	62,699
12 TOTAL A & G EXPENSE			EE76			65,922
13 ADJUSTMENTS TO O & M EXPENSE						
14 ENERGY ADJUSTMENT	G81	U15	EE81	HIST1	D4	2,222
15 WAGE EXPENSE	G83	K939	EE83	HIST1	D5	9,718
16 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	HIST1	D6	3,544
17 PUC - REGULATORY EXPENSE	G87	K401	EE87	HIST1	D7	112
18 AMORTIZATION OF FLOOD COST	G88	AT2D	EE88	HIST1	D8	320
19 INTEREST ON CUST DEPOSITS	G89	K401	EE89	HIST1	D9	166
20 TOTAL O & M EXPENSE			EE00			717,251

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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 DEPRECIATION EXPENSE						
3 PRODUCTION FUNCTION	GD10	P10	ED10	AJB2	A19	42,195
4 TRANSMISSION FUNCTION	GD20	P20	ED20	AJB2	A19	8,038
5 DISTRIBUTION FUNCTION						
6 SUBSTATIONS						
7 GENERATION STEP-UP	GD26	P26	ED26	AJB2	A20	16
8 66/138 KV	GD27	P27	ED27	AJB2	A20	121
9 PRIMARY	GD28	P28	ED28	AJB2	A20	2,881
10 SECONDARY	GD29	P29	ED29	AJB2	A20	1,193
11 TOTAL SUBSTATIONS			EDSS			4,211
12 OVERHEAD LINES						
13 66/138 KV	GD31	P31	ED31	AJB2	A20	4,828
14 PRIMARY	GD32	P32	ED32	AJB2	A20	4,192
15 SECONDARY						
16 DEMAND COMPONENT	GD33	P33	ED33	AJB2	A20	2,125
17 CUSTOMER COMPONENT	GD34	P34	ED34	AJB2	A20	7,648
18 STREET LIGHTING	GD35	P35	ED35	AJB2	A20	827
19 TOTAL OVERHEAD LINES			EDOL			19,620
20 UNDERGROUND LINES						
21 66/138 KV	GD36	P36	ED36	AJB2	A20	100
22 PRIMARY	GD37A	P37A	ED37A	AJB2	A20	159
23 SECONDARY						
24 DEMAND COMPONENT	GD37	P37	ED37	AJB2	A20	708
25 CUSTOMER COMPONENT	GD38	P38	ED38	AJB2	A20	730
26 TOTAL UNDERGROUND LINES			EDUG			1,697
27 LINE TRANSFORMERS						
28 DEMAND COMPONENT	GD39	P39	ED39	AJB2	A20	4,773
29 CUSTOMER COMPONENT	GD40	P40	ED40	AJB2	A20	677
30 TOTAL LINE TRANSFORMERS			EDLT			5,450
31 SERVICES						
32 DEMAND COMPONENT	GD41	P41	ED41	AJB2	A20	1,567
33 CUSTOMER COMPONENT	GD42	P42	ED42	AJB2	A20	4,702
34 TOTAL SERVICES			EDSV			6,269
35 METERS	GD43	P43	ED43	AJB2	A20	1,648
36 AREA LIGHTING FIXTURES	GD44	P44	ED44	AJB2	A20	238
37 STREET LIGHTING	GD46	P46	ED46	AJB2	A20	1,205
38 TOTAL DISTRIBUTION FUNCTION			ED30			40,338
39 GENERAL FUNCTION	GD88	P88	ED88	AJB2	A19	2,715
40 DEPRECIATION EXPENSE			ED00			93,286

PENNSYLVANIA POWER & LIGHT COMPANY
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HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 PAYROLL TAXES	GP00	K939	EP00	HIST1	B5	7,706
3 TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS						
4 CAPITAL STOCK TAX	GT1	P01	ET1	HIST1	D15	10,432
5 PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	HIST1	D15	0
6 REGULATORY COMM ASSESSMENT	GT5	K401	ET5	HIST1	B5	1,366
7 LOCAL PROPERTY TAXES	GT6	P01	ET6	HIST1	B5	245
8 SALES & USE TAX	GT7	P01	ET7	HIST1	B5	439
9 OTHER TAXES AT PRESENT RATES			ET00			12,482
10 CAPITAL STOCK TAX ADJUSTMENT	GT9	K401	ET9	HIST1	D16	682
11 ADJUSTED OTHER TAXES			ET01			13,164

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HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2	AMORTIZATION OF PROPERTY LOSS	INCD21	P10	TXD21	HIST1	D16	560
3	DEFERRED INCOME TAXES - NET						
4	ACCEL AMORT EMERG FACIL	INCD1	P10	TXD1	HIST1	D17	-552
5	ACCEL AMORT POLLUTION CTL	INCD2	P10	TXD2	HIST1	D17	-126
6	CLASS LIFE SYSTEM	INCD3	P00	TXD3	HIST1	D17	-113
7	REMOVAL COSTS	INCD4	P00	TXD4	HIST1	D17	-732
8	ACCEL COST RECOVERY SYSTEM	INCD5	P00	TXD5	HIST1	D17	4,887
9	TEST POWER MARTINS CREEK	INCD7	U10	TXD7	HIST1	D17	-248
10	EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	HIST1	D17	-208
11	CONV TO MONTHLY BILLING	INCDD	K401	TXDD	HIST1	D17	-558
12	DEMONSTRATION PROJECTS	INCDE	P10	TXDE	HIST1	D17	45
13	RCS PROGRAM	INCDF	K401	TXDF	HIST1	D17	153
14	DEFERRED INCOME TAXES - NET			TXD31			2,548
15	INVEST TAX CREDIT AMORT	INCD38	P00	TXD38	HIST1	D18	-2,597
16	INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	HIST1	D18	69,284
17	INVEST TAX CR PROV ADJ PROP	INVT	K401	IXVT	HIST1	D16	87,111
18	NET INVEST TAX CR PRES RATES			TXD39			66,687
19	NET INVEST TAX CR PROP RATES			TXD32			153,798

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
REFERENCES FOR INPUT VALUES
$1,000

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2	LATE PAYMENT CHARGE	S11	CW7	LPC	AJB2	A8	3,350
3	LATE PAYMENT CHARGE	S10	K401	LPCP	HIST1	D3	3,900
4	INTEREST EXPENSE	INCD11	P01	TXD11	HIST1	D16	116,064
5	FEDERAL INCOME TAX ADJUSTMENT						
6	TAXES CAPITALIZED	INCD12	P00	TXD12	HIST1	D16	-6,767
7	PENSIONS CAPITALIZED	INCD13	P00	TXD13	HIST1	D16	-8,879
8	BOOK DEPRECIATION	INCD15	ED00	TXD15	HIST1	D16	93,286
9	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	HIST1	D16	157
10	TAX DEPRECIATION	INCD18	ED00	TXD18	HIST1	D16	-101,970
11	REMOVAL COSTS	INCD19	P00	TXD19	HIST1	D16	-6,000
12	AMORTIZATION OF PROPERTY LOSS	INCD21	D10	TXD21	HIST1	D16	560
13	CONV TO MONTHLY BILLING	INCD23	K401	TXD23	HIST1	D16	1,104
14	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	HIST1	D16	-8
15	DEMONSTRATION PROJECTS	INCD25	K401	TXD25	HIST1	D16	-87
16	AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	HIST1	D16	320
17	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	HIST1	D16	-839
18	RCS PROGRAM	INCD28	K401	TXD28	HIST1	D16	-294
19	MISCELLANEOUS	INCD30	P01	TXD30	HIST1	D16	-89
20	PA INCOME TAX ADJUSTMENT						
21	TAX PREFERENCE INCOME						
22	EXCESS DEPRECIATION	NCD40A	P88	TXD40A	HIST1	D16	-74
23	OTHER	NCD40B	D10	TXD40B	HIST1	D16	0
24	ACRS DEPRECIATION	INCD41	P00	TXD41	HIST1	D16	2,519
25	SURTAX	SURTAX	RBX	SURT	HIST1	D16	19

SECTION III

PART II

PENNSYLVANIA JURISDICTIONAL ALLOCATION

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE								
2	PRODUCTION PLANT	Q10	D10	P10	1,180,428	425,876	79,132	222,128	160,444
3	TRANSMISSION PLANT	Q20	D10	P20	360,851	130,188	24,190	67,904	49,047
4	DISTRIBUTION PLANT								
5	SUBSTATIONS								
6	GENERATION STEP-UP	Q26	D10	P26	537	194	36	101	73
7	66/138 KV	Q27	D10	P27	3,986	1,438	267	750	542
8	PRIMARY	Q28	D20	P28	101,244	44,416	8,253	23,167	16,733
9	SECONDARY	Q29	D30	P29	41,251	24,992	3,401	8,140	0
10	TOTAL SUBSTATIONS			PSS	147,018	71,040	11,957	32,158	17,348
11	OVERHEAD LINES								
12	66/138 KV	Q31	D10	P31	141,928	51,205	9,514	26,708	19,291
13	PRIMARY	Q32	D20	P32	122,064	53,550	9,950	27,930	20,175
14	SECONDARY								
15	DEMAND COMPONENT	Q33	D30	P33	62,180	37,671	5,127	12,270	0
16	CUSTOMER COMPONENT	Q34	C30	P34	226,220	199,717	22,422	2,592	0
17	STREET LIGHTING	Q35	XP1	P35	25,647	0	0	0	0
18	TOTAL OVERHEAD LINES			POL	570,039	342,143	47,013	69,500	39,466
19	UNDERGROUND LINES								
20	66/138 KV	Q36	D10	P36	3,886	1,402	260	732	528
21	PRIMARY	Q37A	D20	P37A	6,512	2,857	531	1,490	1,076
22	SECONDARY								
23	DEMAND COMPONENT	Q37	D30	P37	29,165	17,669	2,405	5,755	0
24	CUSTOMER COMPONENT	Q38	C30	P38	30,056	26,535	2,979	344	0
25	TOTAL UNDERGROUND LINES			PUG	69,619	48,463	6,175	8,321	1,604
26	LINE TRANSFORMERS								
27	DEMAND COMPONENT	Q39	D30	P39	119,838	72,603	9,880	23,647	0
28	CUSTOMER COMPONENT	Q40	CW9	P40	16,995	15,060	1,688	194	0
29	TOTAL LINE TRANSFORMERS			PLT	136,833	87,663	11,568	23,841	0
30	SERVICES								
31	DEMAND COMPONENT	Q41	D31	P41	25,260	15,434	2,100	5,027	0
32	CUSTOMER COMPONENT	Q42	C31	P42	75,779	66,949	7,516	869	0
33	TOTAL SERVICES			PSV	101,039	82,383	9,616	5,896	0
34	METERS	Q43	CW1	P43	45,081	29,510	10,090	2,245	2,033
35	AREA LIGHTING FIXTURES	Q44	XP2	P44	2,383	0	0	0	0
36	STREET LIGHTING	Q46	XP1	P46	21,680	0	0	0	0
37	TOTAL DISTRIBUTION PLANT			P30	1,101,692	661,202	96,419	141,961	60,451
38	DEMAND COMPONENT			P30D	657,851	323,431	51,724	135,717	58,418
39	CUSTOMER COMPONENT			P30C	443,841	337,771	44,695	6,244	2,033
40	PROD/TRANS/DIST PLANT			AT1	2,642,971	1,217,266	199,741	431,993	269,942
41	DEMAND COMPONENT			AT1D	2,199,130	879,495	155,046	425,749	267,909
42	CUSTOMER COMPONENT			AT1C	443,841	337,771	44,695	6,244	2,033
43	TRANS/DISTR PLANT			AT2	1,462,543	791,390	120,609	209,865	109,498
44	DEMAND COMPONENT			AT2D	1,018,702	453,619	75,914	203,621	107,465
45	CUSTOMER COMPONENT			AT2C	443,841	337,771	44,695	6,244	2,033
46	DISTRIBUTION SECONDARY			AT3	721,535	506,140	67,608	61,083	2,033
47	DEMAND COMPONENT			AT3D	277,694	168,369	22,913	54,839	0
48	CUSTOMER COMPONENT			AT3C	443,841	337,771	44,695	6,244	2,033

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE							
2 PRODUCTION PLANT	Q10	D10	P10	60,127	149,540	83,181	0
3 TRANSMISSION PLANT	Q20	D10	P20	18,380	45,714	25,428	0
4 DISTRIBUTION PLANT							
5 SUBSTATIONS							
6 GENERATION STEP-UP	Q26	D10	P26	27	68	38	0
7 66/138 KV	Q27	D10	P27	203	505	281	0
8 PRIMARY	Q28	D20	P28	0	0	8,675	0
9 SECONDARY	Q29	D30	P29	0	0	4,371	347
10 TOTAL SUBSTATIONS			PSS	230	573	13,365	347
11 OVERHEAD LINES							
12 66/138 KV	Q31	D10	P31	7,229	17,980	10,001	0
13 PRIMARY	Q32	D20	P32	0	0	10,459	0
14 SECONDARY							
15 DEMAND COMPONENT	Q33	D30	P33	0	0	6,589	523
16 CUSTOMER COMPONENT	Q34	C30	P34	0	0	1,329	160
17 STREET LIGHTING	Q35	XP1	P35	0	0	0	25,647
18 TOTAL OVERHEAD LINES			POL	7,229	17,980	28,378	26,330
19 UNDERGROUND LINES							
20 66/138 KV	Q36	D10	P36	198	492	274	0
21 PRIMARY	Q37A	D20	P37A	0	0	558	0
22 SECONDARY							
23 DEMAND COMPONENT	Q37	D30	P37	0	0	3,090	246
24 CUSTOMER COMPONENT	Q38	C30	P38	0	0	177	21
25 TOTAL UNDERGROUND LINES			PUG	198	492	4,099	267
26 LINE TRANSFORMERS							
27 DEMAND COMPONENT	Q39	D30	P39	0	0	12,699	1,009
28 CUSTOMER COMPONENT	Q40	CN9	P40	0	0	40	13
29 TOTAL LINE TRANSFORMERS			PLT	0	0	12,739	1,022
30 SERVICES							
31 DEMAND COMPONENT	Q41	D31	P41	0	0	2,699	0
32 CUSTOMER COMPONENT	Q42	C31	P42	0	0	445	0
33 TOTAL SERVICES			PSV	0	0	3,144	0
34 METERS	Q43	CN1	P43	406	199	598	0
35 AREA LIGHTING FIXTURES	Q44	XP2	P44	0	0	0	2,383
36 STREET LIGHTING	Q46	XP1	P46	0	0	0	21,680
37 TOTAL DISTRIBUTION PLANT			P30	8,063	19,244	62,323	52,029
38 DEMAND COMPONENT			P30D	7,657	19,045	59,734	2,125
39 CUSTOMER COMPONENT			P30C	406	199	2,589	49,904
40 PROD/TRANS/DIST PLANT			AT1	86,570	214,498	170,932	52,029
41 DEMAND COMPONENT			AT1D	86,164	214,299	168,343	2,125
42 CUSTOMER COMPONENT			AT1C	406	199	2,589	49,904
43 TRANS/DISTR PLANT			AT2	26,443	64,958	87,751	52,029
44 DEMAND COMPONENT			AT2D	26,037	64,759	85,162	2,125
45 CUSTOMER COMPONENT			AT2C	406	199	2,589	49,904
46 DISTRIBUTION SECONDARY			AT3	406	199	32,037	52,029
47 DEMAND COMPONENT			AT3D	0	0	29,448	2,125
48 CUSTOMER COMPONENT			AT3C	406	199	2,589	49,904

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE CONTINUED								
2	GENERAL PLANT	Q88	K433	P88	102,259	53,431	8,042	14,299	9,045
3	DEMAND COMPONENT			P88D	72,243	28,403	5,051	13,919	8,976
4	CUSTOMER COMPONENT			P88C	30,016	25,028	2,991	380	69
5	INTANGIBLE PLANT	Q95	K433	P95	629	329	49	88	56
6	DEMAND COMPONENT			P95D	444	175	31	85	56
7	CUSTOMER COMPONENT			P95C	185	154	18	3	0
8	ELECTRIC PLANT IN SERVICE			P00	2,745,859	1,271,026	207,832	446,380	279,043
9	DEMAND COMPONENT			P00D	2,271,817	908,073	160,127	439,754	276,940
10	CUSTOMER COMPONENT			P00C	474,042	362,953	47,705	6,626	2,103

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE CONTINUED							
2	GENERAL PLANT	Q88	K433	P88	2,992	7,412	5,630	1,408
3	DEMAND COMPONENT			P88D	2,977	7,405	5,454	58
4	CUSTOMER COMPONENT			P88C	15	7	176	1,350
5	INTANGIBLE PLANT	Q95	K433	P95	18	46	34	9
6	DEMAND COMPONENT			P95D	18	46	33	0
7	CUSTOMER COMPONENT			P95C	0	0	1	9
8	ELECTRIC PLANT IN SERVICE			P00	89,580	221,956	176,596	53,446
9	DEMAND COMPONENT			P00D	89,160	221,749	173,831	2,183
10	CUSTOMER COMPONENT			P00C	420	207	2,765	51,263

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	RESERVE FOR DEPRECIATION								
2	PRODUCTION FUNCTION	H10	P10	A10	384,150	138,594	25,752	72,288	52,214
3	TRANSMISSION FUNCTION	H20	P20	A20	69,338	25,016	4,648	13,048	9,424
4	DISTRIBUTION FUNCTION								
5	SUBSTATIONS								
6	GENERATION STEP-UP	H26	P26	A26	121	44	8	23	16
7	66/138 KV	H27	P27	A27	913	329	62	171	124
8	PRIMARY	H28	P28	A28	22,653	9,938	1,847	5,183	3,744
9	SECONDARY	H29	P29	A29	9,479	5,743	781	1,871	0
10	TOTAL SUBSTATIONS			AST	33,166	16,054	2,698	7,248	3,884
11	OVERHEAD LINES								
12	66/138 KV	H31	P31	A31	36,240	13,075	2,429	6,820	4,925
13	PRIMARY	H32	P32	A32	31,936	14,010	2,604	7,307	5,279
14	SECONDARY								
15	DEMAND COMPONENT	H33	P33	A33	16,474	9,981	1,358	3,251	0
16	CUSTOMER COMPONENT	H34	P34	A34	58,317	51,485	5,780	668	0
17	STREET LIGHTING	H35	P35	A35	5,839	0	0	0	0
18	TOTAL OVERHEAD LINES			AOL	148,806	88,551	12,171	18,046	10,204
19	UNDERGROUND LINES								
20	66/138 KV	H36	P36	A36	756	273	50	143	102
21	PRIMARY	H37A	P37A	A37A	1,273	559	103	292	210
22	SECONDARY								
23	DEMAND COMPONENT	H37	P37	A37	5,698	3,452	470	1,124	0
24	CUSTOMER COMPONENT	H38	P38	A38	5,871	5,183	582	67	0
25	TOTAL UNDERGROUND LINES			AUG	13,598	9,467	1,205	1,626	312
26	LINE TRANSFORMERS								
27	DEMAND COMPONENT	H39	P39	A39	36,980	22,404	3,049	7,297	0
28	CUSTOMER COMPONENT	H40	P40	A40	5,244	4,647	521	60	0
29	TOTAL LINE TRANSFORMERS			ALT	42,224	27,051	3,570	7,357	0
30	SERVICES								
31	DEMAND COMPONENT	H41	P41	A41	8,885	5,429	738	1,769	0
32	CUSTOMER COMPONENT	H42	P42	A42	26,656	23,550	2,644	305	0
33	TOTAL SERVICES			ASV	35,541	28,979	3,382	2,074	0
34	METERS	H43	P43	A43	16,384	10,725	3,667	816	739
35	AREA LIGHTING FIXTURES	H44	P44	A44	911	0	0	0	0
36	STREET LIGHTING	H46	P46	A46	10,936	0	0	0	0
37	TOTAL DISTRIBUTION FUNCTION			A30	301,566	180,827	26,693	37,167	15,139
38	DEMAND COMPONENT			A30D	171,408	65,237	13,499	35,251	14,400
39	CUSTOMER COMPONENT			A30C	130,158	95,590	13,194	1,916	739
40	GENERAL FUNCTION	H88	P88	A88	23,630	12,347	1,858	3,304	2,091
41	DEMAND COMPONENT			A88D	16,694	6,563	1,167	3,217	2,075
42	CUSTOMER COMPONENT			A88C	6,936	5,784	691	87	16
43	DEPRECIATION RESERVE			A00	778,684	356,784	58,951	125,807	78,868
44	DEMAND COMPONENT			A00D	641,590	255,410	45,066	123,804	78,113
45	CUSTOMER COMPONENT			A00C	137,094	101,374	13,885	2,003	755
46	NET PLANT IN SERVICE			P01	1,967,175	914,242	148,881	320,573	200,175
47	DEMAND COMPONENT			P01D	1,630,227	652,663	115,061	315,951	198,827
48	CUSTOMER COMPONENT			P01C	336,948	261,579	33,820	4,622	1,348

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	RESERVE FOR DEPRECIATION							
2	PRODUCTION FUNCTION	H10	P10	A10	19,567	48,665	27,070	0
3	TRANSMISSION FUNCTION	H20	P20	A20	3,532	8,784	4,886	0
4	DISTRIBUTION FUNCTION							
5	SUBSTATIONS							
6	GENERATION STEP-UP	H26	P26	A26	6	15	9	0
7	66/138 KV	H27	P27	A27	47	116	64	0
8	PRIMARY	H28	P28	A28	0	0	1,941	0
9	SECONDARY	H29	P29	A29	0	0	1,004	80
10	TOTAL SUBSTATIONS			AST	53	131	3,018	80
11	OVERHEAD LINES							
12	66/138 KV	H31	P31	A31	1,846	4,591	2,554	0
13	PRIMARY	H32	P32	A32	0	0	2,736	0
14	SECONDARY							
15	DEMAND COMPONENT	H33	P33	A33	0	0	1,745	139
16	CUSTOMER COMPONENT	H34	P34	A34	0	0	343	41
17	STREET LIGHTING	H35	P35	A35	0	0	0	5,839
18	TOTAL OVERHEAD LINES			AOL	1,846	4,591	7,378	6,019
19	UNDERGROUND LINES							
20	66/138 KV	H36	P36	A36	39	96	53	0
21	PRIMARY	H37A	P37A	A37A	0	0	109	0
22	SECONDARY							
23	DEMAND COMPONENT	H37	P37	A37	0	0	604	48
24	CUSTOMER COMPONENT	H38	P38	A38	0	0	35	4
25	TOTAL UNDERGROUND LINES			AUG	39	96	801	52
26	LINE TRANSFORMERS							
27	DEMAND COMPONENT	H39	P39	A39	0	0	3,919	311
28	CUSTOMER COMPONENT	H40	P40	A40	0	0	12	4
29	TOTAL LINE TRANSFORMERS			ALT	0	0	3,931	315
30	SERVICES							
31	DEMAND COMPONENT	H41	P41	A41	0	0	949	0
32	CUSTOMER COMPONENT	H42	P42	A42	0	0	157	0
33	TOTAL SERVICES			ASV	0	0	1,106	0
34	METERS	H43	P43	A43	147	73	217	0
35	AREA LIGHTING FIXTURES	H44	P44	A44	0	0	0	911
36	STREET LIGHTING	H46	P46	A46	0	0	0	10,936
37	TOTAL DISTRIBUTION FUNCTION			A30	2,085	4,891	16,451	18,313
38	DEMAND COMPONENT			A30D	1,938	4,818	15,687	578
39	CUSTOMER COMPONENT			A30C	147	73	764	17,735
40	GENERAL FUNCTION	H88	P88	A88	691	1,713	1,301	325
41	DEMAND COMPONENT			A88D	687	1,712	1,260	13
42	CUSTOMER COMPONENT			A88C	4	1	41	312
43	DEPRECIATION RESERVE			A00	25,875	64,053	49,708	18,638
44	DEMAND COMPONENT			A00D	25,724	63,979	48,903	591
45	CUSTOMER COMPONENT			A00C	151	74	805	18,047
46	NET PLANT IN SERVICE			P01	63,705	157,903	126,888	34,808
47	DEMAND COMPONENT			P01D	63,435	157,771	124,927	1,592
48	CUSTOMER COMPONENT			P01C	270	132	1,961	33,216

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ADDITIONS TO NET PLANT								
2	PLANT HELD FOR FUTURE USE								
3	PRODUCTION PLANT	QF10	P10	PF10	5,695	2,055	381	1,072	774
4	TRANSMISSION PLANT	QF20	P20	PF20	938	338	63	177	127
5	DISTRIBUTION								
6	66-138KV	QF31	P10	PF31	7,265	2,621	487	1,367	988
7	PRIMARY	QF32	P20	PF32	1,495	539	101	281	203
8	SECONDARY	QF33	AT3	PF33	262	184	24	23	0
9	TOTAL DISTRIBUTION PLANT			PF30	9,022	3,344	612	1,671	1,191
10	DEMAND COMPONENT			PF30D	8,862	3,221	596	1,669	1,191
11	CUSTOMER COMPONENT			PF30C	160	123	16	2	0
12	GENERAL PLANT	QF88	P88	PF88	2,560	1,338	201	358	226
13	DEMAND COMPONENT			PF88D	1,809	711	126	349	224
14	CUSTOMER COMPONENT			PF88C	751	627	75	9	2
15	TOT PL HELD FOR FUTURE USE			PF00	18,215	7,075	1,257	3,278	2,318
16	DEMAND COMPONENT			PF00D	17,304	6,325	1,167	3,266	2,316
17	CUSTOMER COMPONENT			PF00C	911	750	90	12	2
18	POLLUTION CONTROL PROJECTS	IPC	P10	PC00	18,103	6,531	1,214	3,406	2,461
19	ASSOCIATED RETIREMENTS	IPCR	P10	PCR0	178	64	12	34	24
20	TOTAL ADDITIONS TO NET PLANT			PLADD	36,140	13,542	2,459	6,650	4,755
21	DEMAND COMPONENT			PADEDD	35,229	12,792	2,369	6,638	4,753
22	CUSTOMER COMPONENT			PADEDC	911	750	90	12	2

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ADDITIONS TO NET PLANT							
2	PLANT HELD FOR FUTURE USE							
3	PRODUCTION PLANT	QF10	P10	PF10	290	722	401	0
4	TRANSMISSION PLANT	QF20	P20	PF20	48	119	66	0
5	DISTRIBUTION							
6	66-138KV	QF31	P10	PF31	370	920	512	0
7	PRIMARY	QF32	P20	PF32	76	190	105	0
8	SECONDARY	QF33	AT3	PF33	0	0	12	19
9	TOTAL DISTRIBUTION PLANT			PF30	446	1,110	629	19
10	DEMAND COMPONENT			PF30D	446	1,110	628	1
11	CUSTOMER COMPONENT			PF30C	0	0	1	18
12	GENERAL PLANT	QF88	P88	PF88	75	186	141	35
13	DEMAND COMPONENT			PF88D	75	186	136	2
14	CUSTOMER COMPONENT			PF88C	0	0	5	33
15	TOT PL HELD FOR FUTURE USE			PF00	859	2,137	1,237	54
16	DEMAND COMPONENT			PF00D	859	2,137	1,231	3
17	CUSTOMER COMPONENT			PF00C	0	0	6	51
18	POLLUTION CONTROL PROJECTS	IPC	P10	PC00	922	2,293	1,276	0
19	ASSOCIATED RETIREMENTS	IPCR	P10	PCR0	9	22	13	0
20	TOTAL ADDITIONS TO NET PLANT			PLADD	1,772	4,408	2,500	54
21	DEMAND COMPONENT			PADEDD	1,772	4,408	2,494	3
22	CUSTOMER COMPONENT			PADEDC	0	0	6	51

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 WORKING CAPITAL								
2 FUEL INVENTORY	M12	U10	W12	158,596	60,040	7,287	28,440	21,839
3 PLANT MATERIALS AND SUPPLIES								
4 PRODUCTION PLANT	M13	P10	W13	2,057	742	138	387	280
5 TRANS/DIST PLANT	M14	AT2	W14	20,640	11,168	1,702	2,962	1,545
6 DEMAND COMPONENT			W14D	14,377	6,401	1,072	2,874	1,516
7 CUSTOMER COMPONENT			W14C	6,263	4,767	630	88	29
8 METER PARTS	M15	P43	W15	36	24	8	1	2
9 TOT PL MATERIALS & SUPPLIES			WT2	22,733	11,934	1,848	3,350	1,827
10 DEMAND COMPONENT			WT2D	16,434	7,143	1,210	3,261	1,796
11 CUSTOMER COMPONENT			WT2C	6,299	4,791	638	89	31
12 EXP APPLICABLE FOR WORKING CAPITAL								
13 TOTAL O & M EXPENSE			EE00	694,966	300,670	40,773	113,415	82,928
14 DEMAND COMPONENT			EE00D	135,025	54,396	9,585	26,317	16,535
15 ENERGY COMPONENT			EE00E	477,887	180,903	21,959	85,689	65,811
16 CUSTOMER COMPONENT			EE00C	82,054	65,371	9,229	1,409	582
17 LESS NET INTERCHANGE			PP2	-230,129	-87,121	-10,573	-41,267	-31,691
18 LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	4,509	3,974	446	54	4
19 TOTAL APPLICABLE EXPENSE			WCAP	920,586	383,817	50,900	154,628	114,615
20 DEMAND COMPONENT			WCAPD	135,025	54,396	9,585	26,317	16,535
21 ENERGY COMPONENT			WCAPE	708,016	268,024	32,532	126,956	97,502
22 CUSTOMER COMPONENT			WCAPC	77,545	61,397	8,783	1,355	578
23 WORKING CAPITAL - O & M	CASH	WCAP	WCA	34,305	14,303	1,896	5,763	4,271
24 DEMAND COMPONENT			WCAD	5,032	2,027	357	981	616
25 ENERGY COMPONENT			WCAE	26,384	9,988	1,212	4,731	3,634
26 CUSTOMER COMPONENT			WCAC	2,690	2,288	327	51	21
27 PREPAYMENTS								
28 PREPAID INSURANCE	MC2B	AT1	WCPB	1,546	712	117	253	157
29 DEMAND COMPONENT			WCPBD	1,287	514	91	250	155
30 CUSTOMER COMPONENT			WCPBC	259	198	26	3	2
31 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	216	117	18	31	16
32 DEMAND COMPONENT			WCPCD	150	67	11	30	16
33 CUSTOMER COMPONENT			WCPCC	66	50	7	1	0
34 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	368	169	28	60	38
35 DEMAND COMPONENT			WCPAD	307	122	22	59	38
36 CUSTOMER COMPONENT			WCPAC	61	47	6	1	0
37 TOTAL PREPAYMENTS			WCP	2,130	998	163	344	211
38 DEMAND COMPONENT			WCPD	1,743	704	123	339	209
39 CUSTOMER COMPONENT			WCPCS	387	294	40	5	2
40 ACCRUED TAX ADJUST	MCT	WCA	WCT	6,297	2,625	348	1,058	784
41 DEMAND COMPONENT			WCTD	923	372	66	180	113
42 ENERGY COMPONENT			WCTE	4,843	1,833	222	869	667
43 CUSTOMER COMPONENT			WCTC	531	420	60	9	4
44 SEMI ANN INTEREST PAYMENTS	AE	WCA	EA00	-16,690	-6,959	-922	-2,804	-2,078
45 PREF DIVIDEND PAYMENTS	AF	WCA	FA00	-940	-392	-52	-158	-117
46 TOT INT & PREF DIV PAYMENTS			EAFA	-17,630	-7,351	-974	-2,962	-2,195
47 DEMAND COMPONENT			EAFAD	-2,586	-1,042	-183	-504	-317
48 ENERGY COMPONENT			EAFAE	-13,559	-5,133	-623	-2,432	-1,867
49 CUSTOMER COMPONENT			EAFAC	-1,485	-1,176	-168	-26	-11
50 TOTAL WORKING CAPITAL			W00	206,431	82,549	10,568	35,993	26,737
51 DEMAND COMPONENT			W00D	21,546	9,204	1,573	4,256	2,418
52 ENERGY COMPONENT			W00E	176,263	66,728	8,098	31,609	24,272
53 CUSTOMER COMPONENT			W00C	8,621	6,617	897	128	47

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	WORKING CAPITAL							
2	FUEL INVENTORY	M12	U10	W12	8,084	23,832	8,084	990
3	PLANT MATERIALS AND SUPPLIES							
4	PRODUCTION PLANT	M13	P10	W13	104	261	145	0
5	TRANS/DIST PLANT	M14	AT2	W14	374	916	1,239	734
6	DEMAND COMPONENT			W14D	368	913	1,203	30
7	CUSTOMER COMPONENT			W14C	6	3	36	704
8	METER PARTS	M15	P43	W15	0	1	0	0
9	TOT PL MATERIALS & SUPPLIES			WT2	478	1,178	1,384	734
10	DEMAND COMPONENT			WT2D	472	1,174	1,348	30
11	CUSTOMER COMPONENT			WT2C	6	4	36	704
12	EXP APPLICABLE FOR WORKING CAPITAL							
13	TOTAL O & M EXPENSE			EE00	29,546	84,460	35,318	7,856
14	DEMAND COMPONENT			EE00D	5,059	12,582	10,410	141
15	ENERGY COMPONENT			EE00E	24,364	71,820	24,360	2,981
16	CUSTOMER COMPONENT			EE00C	124	58	547	4,734
17	LESS NET INTERCHANGE			PP2	-11,730	-34,580	-11,731	-1,436
18	LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	1	0	27	3
19	TOTAL APPLICABLE EXPENSE			WCAP	41,275	119,040	47,022	9,289
20	DEMAND COMPONENT			WCAPD	5,059	12,582	10,410	141
21	ENERGY COMPONENT			WCAPE	36,094	106,400	36,091	4,417
22	CUSTOMER COMPONENT			WCAPC	123	58	520	4,731
23	WORKING CAPITAL - O & M	CASH	WCAP	WCA	1,538	4,436	1,752	346
24	DEMAND COMPONENT			WCAD	189	468	388	6
25	ENERGY COMPONENT			WCAE	1,345	3,965	1,344	165
26	CUSTOMER COMPONENT			WCAC	5	2	19	177
27	PREPAYMENTS							
28	PREPAID INSURANCE	MC2B	AT1	WCPB	51	126	100	30
29	DEMAND COMPONENT			WCPBD	51	126	99	1
30	CUSTOMER COMPONENT			WCPBC	0	0	1	29
31	PREPAYMENTS-RENTS	MC2C	AT2	WCPC	4	9	13	8
32	DEMAND COMPONENT			WCPCD	4	9	13	0
33	CUSTOMER COMPONENT			WCPCC	0	0	0	8
34	PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	12	30	24	7
35	DEMAND COMPONENT			WCPAD	12	30	23	1
36	CUSTOMER COMPONENT			WCPAC	0	0	1	6
37	TOTAL PREPAYMENTS			WCP	67	165	137	45
38	DEMAND COMPONENT			WCPD	67	165	134	2
39	CUSTOMER COMPONENT			WCPCS	0	0	3	43
40	ACCRUED TAX ADJUST	MCT	WCA	WCT	283	814	321	64
41	DEMAND COMPONENT			WCTD	34	86	72	0
42	ENERGY COMPONENT			WCTE	248	727	247	30
43	CUSTOMER COMPONENT			WCTC	1	0	4	33
44	SEMI ANN INTEREST PAYMENTS	AE	WCA	EA00	-748	-2,158	-853	-168
45	PREF DIVIDEND PAYMENTS	AF	WCA	FA00	-42	-122	-48	-9
46	TOT INT & PREF DIV PAYMENTS			EAFA	-790	-2,280	-901	-177
47	DEMAND COMPONENT			EAFAD	-97	-241	-199	-3
48	ENERGY COMPONENT			EAFAE	-691	-2,038	-691	-84
49	CUSTOMER COMPONENT			EAFAC	-2	-1	-10	-91
50	TOTAL WORKING CAPITAL			W00	9,660	28,145	10,777	2,002
51	DEMAND COMPONENT			W00D	665	1,653	1,742	35
52	ENERGY COMPONENT			W00E	8,985	26,487	8,984	1,100
53	CUSTOMER COMPONENT			W00C	9	6	52	865

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	DEDUCTIONS FROM NET PLANT								
2	ACCUMULATED DEFERRED INCOME TAXES								
3	ACCELERATED AMORTIZATION	TCC00	P10	DF00	2,692	971	181	506	366
4	LIBERALIZED DEPRECIATION	TCC01	P00	DF01	55,444	25,664	4,197	9,013	5,635
5	DEMAND COMPONENT			DF01D	45,872	18,335	3,234	8,879	5,593
6	CUSTOMER COMPONENT			DF01C	9,572	7,329	963	134	42
7	CAPITAL COST RECOVERY	TCC02	P00	DF02	4,111	1,903	311	668	418
8	DEMAND COMPONENT			DF02D	3,401	1,360	239	658	415
9	CUSTOMER COMPONENT			DF02C	710	543	72	10	3
10	TEST POWER MARTINS CREEK	TCC03	U10	DF03	6,674	2,527	306	1,197	919
11	CONV TO MONTHLY BILLING	TCC04	P01	DF04	3,581	1,664	271	584	364
12	DEMAND COMPONENT			DF04D	2,968	1,188	209	576	361
13	CUSTOMER COMPONENT			DF04C	613	476	62	8	3
14	TOTAL ACCUM DEFERRED TAXES			DF99	72,502	32,729	5,266	11,968	7,702
15	DEMAND COMPONENT			DF99D	54,934	21,854	3,864	10,618	6,735
16	ENERGY COMPONENT			DF99E	6,674	2,527	306	1,197	919
17	CUSTOMER COMPONENT			DF99C	10,894	8,348	1,096	153	48
18	CUSTOMER ADVANCES	AC	CW8	CA00	164	85	17	49	2
19	CUSTOMER DEPOSITS	AD	CW5	DA00	1,841	285	800	543	62
20	TOT DEDUCTIONS FROM NET PLT			PLDED	74,507	33,099	6,083	12,560	7,766
21	DEMAND COMPONENT			PLDEDD	54,934	21,854	3,864	10,618	6,735
22	ENERGY COMPONENT			PLDEDE	6,674	2,527	306	1,197	919
23	CUSTOMER COMPONENT			PLDEDC	12,899	8,718	1,913	745	112
24	RATE BASE			RBX	2,135,239	977,234	155,825	350,656	223,901
25	DEMAND COMPONENT			RBXD	1,632,068	652,805	115,139	316,226	199,264
26	ENERGY COMPONENT			RBXE	169,589	64,201	7,792	30,412	23,353
27	CUSTOMER COMPONENT			RBXC	333,582	260,228	32,894	4,018	1,284

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION — HISTORIC TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	DEDUCTIONS FROM NET PLANT							
2	ACCUMULATED DEFERRED INCOME TAXES							
3	ACCELERATED AMORTIZATION	TCC00	P10	DF00	137	341	190	0
4	LIBERALIZED DEPRECIATION	TCC01	P00	DF01	1,808	4,482	3,566	1,079
5	DEMAND COMPONENT			DF01D	1,799	4,478	3,510	44
6	CUSTOMER COMPONENT			DF01C	9	4	56	1,035
7	CAPITAL COST RECOVERY	TCC02	P00	DF02	134	333	264	80
8	DEMAND COMPONENT			DF02D	134	332	260	3
9	CUSTOMER COMPONENT			DF02C	0	1	4	77
10	TEST POWER MARTINS CREEK	TCC03	U10	DF03	340	1,003	340	42
11	CONV TO MONTHLY BILLING	TCC04	P01	DF04	116	288	231	63
12	DEMAND COMPONENT			DF04D	116	288	227	3
13	CUSTOMER COMPONENT			DF04C	0	0	4	60
14	TOTAL ACCUM DEFERRED TAXES			DF99	2,535	6,447	4,591	1,264
15	DEMAND COMPONENT			DF99D	2,186	5,439	4,188	50
16	ENERGY COMPONENT			DF99E	340	1,003	340	42
17	CUSTOMER COMPONENT			DF99C	9	5	63	1,172
18	CUSTOMER ADVANCES	AC	CW8	CA00	0	7	0	4
19	CUSTOMER DEPOSITS	AD	CW5	DA00	54	0	95	2
20	TOT DEDUCTIONS FROM NET PLT			PLDED	2,589	6,454	4,686	1,270
21	DEMAND COMPONENT			PLDEDD	2,186	5,439	4,188	50
22	ENERGY COMPONENT			PLDEDE	340	1,003	340	42
23	CUSTOMER COMPONENT			PLDEDC	63	12	158	1,178
24	RATE BASE			RBX	72,548	184,002	135,479	35,594
25	DEMAND COMPONENT			RBXD	63,686	158,393	124,976	1,579
26	ENERGY COMPONENT			RBXE	8,645	25,484	8,644	1,058
27	CUSTOMER COMPONENT			RBXC	216	126	1,860	32,956

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OTHER OPERATING REVENUES								
2	MISCELLANEOUS	S12	C10	R12C	176	155	18	2	0
3	RENT FROM ELEC PROP RELATED TO:								
4	TRANSMISSION	S13	P20	R13	1,035	373	70	195	140
5	DISTRIBUTION	S14	P30	R14	3,730	2,239	326	481	204
6	DEMAND COMPONENT			R14D	2,227	1,095	175	460	197
7	CUSTOMER COMPONENT			R14C	1,503	1,144	151	21	7
8	TRANS/DIST	S15	AT2	R15	30	16	3	4	2
9	DEMAND COMPONENT			R15D	21	9	2	4	2
10	CUSTOMER COMPONENT			R15C	9	7	1	0	0
11	GENERAL	S16	P88	R16	234	122	19	32	21
12	DEMAND COMPONENT			R16D	165	65	12	31	21
13	CUSTOMER COMPONENT			R16C	69	57	7	1	0
14	TOTAL RENT FROM ELEC PROP			R19	5,029	2,750	418	712	367
15	DEMAND COMPONENT			R19D	3,449	1,542	259	690	360
16	CUSTOMER COMPONENT			R19C	1,580	1,208	159	22	7
17	OTHER ELEC REVENUES RELATED TO:								
18	PRODUCTION	S20A	P10	R20A	572	206	39	107	78
19	TRANSMISSION	S20B	P20	R20B	1,823	658	122	343	248
20	DIST-OVERHEAD LINES	S20C	POL	R20C	256	152	20	31	18
21	DEMAND COMPONENT			R20CD	144	63	11	30	18
22	CUSTOMER COMPONENT			R20CC	112	89	9	1	0
23	GENERAL	S20D	P88	R20D	19	10	1	3	2
24	DEMAND COMPONENT			R20DD	14	5	1	3	2
25	CUSTOMER COMPONENT			R20DC	5	5	0	0	0
26	CUSTOMER ACCOUNTS	S20E	CW4	R20EC	155	137	15	2	0
27	TOTAL-OTHER ELEC REVENUES			R20	2,825	1,163	197	486	346
28	DEMAND COMPONENT			R20DEM	2,553	933	172	482	346
29	CUSTOMER COMPONENT			R20CUS	272	230	25	4	0
30	TOTAL OTHER OPERATING REVS			R21	8,030	4,068	633	1,200	713
31	DEMAND COMPONENT			R21D	6,002	2,475	431	1,172	706
32	CUSTOMER COMPONENT			R21C	2,028	1,593	202	28	7

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OTHER OPERATING REVENUES							
2	MISCELLANEOUS	S12	C10	R12C	0	0	1	0
3	RENT FROM ELEC PROP RELATED TO:							
4	TRANSMISSION	S13	P20	R13	53	131	73	0
5	DISTRIBUTION	S14	P30	R14	28	65	211	176
6	DEMAND COMPONENT			R14D	27	64	202	7
7	CUSTOMER COMPONENT			R14C	1	1	9	169
8	TRANS/DIST	S15	AT2	R15	1	1	2	1
9	DEMAND COMPONENT			R15D	1	1	2	0
10	CUSTOMER COMPONENT			R15C	0	0	0	1
11	GENERAL	S16	P88	R16	7	17	13	3
12	DEMAND COMPONENT			R16D	7	17	12	0
13	CUSTOMER COMPONENT			R16C	0	0	1	3
14	TOTAL RENT FROM ELEC PROP			R19	89	214	299	180
15	DEMAND COMPONENT			R19D	87	214	289	8
16	CUSTOMER COMPONENT			R19C	2	0	10	172
17	OTHER ELEC REVENUES RELATED TO:							
18	PRODUCTION	S20A	P10	R20A	29	73	40	0
19	TRANSMISSION	S20B	P20	R20B	93	231	128	0
20	DIST-OVERHEAD LINES	S20C	POL	R20C	3	8	12	12
21	DEMAND COMPONENT			R20CD	3	8	11	0
22	CUSTOMER COMPONENT			R20CC	0	0	1	12
23	GENERAL	S20D	P88	R20D	0	2	1	0
24	DEMAND COMPONENT			R20DD	0	2	1	0
25	CUSTOMER COMPONENT			R20DC	0	0	0	0
26	CUSTOMER ACCOUNTS	S20E	CW4	R20EC	0	0	1	0
27	TOTAL-OTHER ELEC REVENUES			R20	125	314	182	12
28	DEMAND COMPONENT			R20DEM	125	314	181	0
29	CUSTOMER COMPONENT			R20CUS	0	0	1	12
30	TOTAL OTHER OPERATING REVS			R21	214	528	482	192
31	DEMAND COMPONENT			R21D	213	527	470	8
32	CUSTOMER COMPONENT			R21C	1	1	12	184

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATION AND MAINTENANCE EXPENSE								
2	PRODUCTION FUNCTION								
3	NET INTERCHANGE DELIVERED	EP2	U10	PP2	-230,129	-87,121	-10,573	-41,267	-31,691
4	OTHER PURCHASES-DEMAND	EP3	D10	PP3	3,137	1,132	210	590	427
5	OTHER PURCHASES-ENERGY	EP4	U10	PP4	25	9	2	4	4
6	INSTALLED CAPACITY	G08	D10	EE08	-532	-192	-36	-100	-72
7	FUEL	G09	U10	EE09	631,773	239,172	29,029	113,289	87,000
8	OTHER PRODUCTION EXP								
9	DEMAND COMPONENT	G11	P10	EE11	46,854	16,904	3,141	8,817	6,368
10	ENERGY COMPONENT	G12	U10	EE12	57,918	21,926	2,661	10,386	7,976
11	TOTAL PRODUCTION FUNCTION			EE10	509,046	191,830	24,434	91,719	70,012
12	DEMAND COMPONENT			EE10D	49,459	17,844	3,315	9,307	6,723
13	ENERGY COMPONENT			EE10E	459,587	173,986	21,119	82,412	63,289
14	TRANSMISSION FUNCTION	G20	P20	EE20	10,363	3,739	694	1,951	1,408
15	DISTRIBUTION FUNCTION								
16	SUBSTATIONS								
17	GENERATION STEP-UP	G26	P26	EE26	28	10	2	5	4
18	66/138 KV	G27	P27	EE27	197	71	13	37	27
19	PRIMARY	G28	P28	EE28	4,998	2,193	407	1,144	826
20	SECONDARY	G29	P29	EE29	2,038	1,235	168	402	0
21	TOTAL SUBSTATIONS			EESS	7,261	3,509	590	1,588	857
22	OVERHEAD LINES								
23	66/138 KV	G31	P31	EE31	7,693	2,775	516	1,448	1,045
24	PRIMARY	G32	P32	EE32	6,613	2,901	539	1,513	1,093
25	SECONDARY								
26	DEMAND COMPONENT	G33	P33	EE33	3,369	2,041	278	665	0
27	CUSTOMER COMPONENT	G34	P34	EE34	12,263	10,826	1,216	140	0
28	STREET LIGHTING	G35	P35	EE35	1,390	0	0	0	0
29	TOTAL OVERHEAD LINES			EEOL	31,328	18,543	2,549	3,766	2,138
30	UNDERGROUND LINES								
31	66/138 KV	G36	P36	EE36	183	66	12	35	25
32	PRIMARY	G37A	P37A	EE37A	308	135	25	71	51
33	SECONDARY								
34	DEMAND COMPONENT	G37	P37	EE37	1,378	835	113	272	0
35	CUSTOMER COMPONENT	G38	P38	EE38	1,421	1,255	140	17	0
36	TOTAL UNDERGROUND LINES			EEUG	3,290	2,291	290	395	76
37	LINE TRANSFORMERS								
38	DEMAND COMPONENT	G39	P39	EE39	2,757	1,670	228	544	0
39	CUSTOMER COMPONENT	G40	P40	EE40	391	346	39	5	0
40	TOTAL LINE TRANSFORMERS			EELT	3,148	2,016	267	549	0
41	MISC DIST EXPENSE & RENTS	G41	P30	EE41	8,323	4,995	729	1,072	457
42	DEMAND COMPONENT			EE41D	4,970	2,443	391	1,025	442
43	CUSTOMER COMPONENT			EE41C	3,353	2,552	338	47	15
44	METERS	G43	P43	EE43	5,314	3,479	1,189	265	239
45	STREET LIGHTING	G46	XP1	EE46	1,958	0	0	0	0
46	CUSTOMER INSTALLATIONS	G47	C31	EE47	3,403	3,006	338	39	0
47	TOTAL DISTRIBUTION FUNCTION			EE30	64,025	37,839	5,952	7,674	3,767
48	DEMAND COMPONENT			EE30D	34,532	16,375	2,692	7,161	3,513
49	CUSTOMER COMPONENT			EE30C	29,493	21,464	3,260	513	254

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATION AND MAINTENANCE EXPENSE							
2	PRODUCTION FUNCTION							
3	NET INTERCHANGE DELIVERED	EP2	U10	PP2	-11,730	-34,580	-11,731	-1,436
4	OTHER PURCHASES-DEMAND	EP3	D10	PP3	160	397	221	0
5	OTHER PURCHASES-ENERGY	EP4	U10	PP4	1	4	1	0
6	INSTALLED CAPACITY	G08	D10	EE08	-27	-68	-37	0
7	FUEL	G09	U10	EE09	32,203	94,932	32,205	3,943
8	OTHER PRODUCTION EXP							
9	DEMAND COMPONENT	G11	P10	EE11	2,387	5,935	3,302	0
10	ENERGY COMPONENT	G12	U10	EE12	2,952	8,703	2,953	361
11	TOTAL PRODUCTION FUNCTION			EE10	25,946	75,323	26,914	2,868
12	DEMAND COMPONENT			EE10D	2,520	6,264	3,486	0
13	ENERGY COMPONENT			EE10E	23,426	69,059	23,428	2,868
14	TRANSMISSION FUNCTION	G20	P20	EE20	528	1,313	730	0
15	DISTRIBUTION FUNCTION							
16	SUBSTATIONS							
17	GENERATION STEP-UP	G26	P26	EE26	1	4	2	0
18	66/138 KV	G27	P27	EE27	10	25	14	0
19	PRIMARY	G28	P28	EE28	0	0	428	0
20	SECONDARY	G29	P29	EE29	0	0	216	17
21	TOTAL SUBSTATIONS			EESS	11	29	660	17
22	OVERHEAD LINES							
23	66/138 KV	G31	P31	EE31	392	975	542	0
24	PRIMARY	G32	P32	EE32	0	0	567	0
25	SECONDARY							
26	DEMAND COMPONENT	G33	P33	EE33	0	0	357	28
27	CUSTOMER COMPONENT	G34	P34	EE34	0	0	72	9
28	STREET LIGHTING	G35	P35	EE35	0	0	0	1,390
29	TOTAL OVERHEAD LINES			EEOL	392	975	1,538	1,427
30	UNDERGROUND LINES							
31	66/138 KV	G36	P36	EE36	9	23	13	0
32	PRIMARY	G37A	P37A	EE37A	0	0	26	0
33	SECONDARY							
34	DEMAND COMPONENT	G37	P37	EE37	0	0	146	12
35	CUSTOMER COMPONENT	G38	P38	EE38	0	0	8	1
36	TOTAL UNDERGROUND LINES			EEUG	9	23	193	13
37	LINE TRANSFORMERS							
38	DEMAND COMPONENT	G39	P39	EE39	0	0	292	23
39	CUSTOMER COMPONENT	G40	P40	EE40	0	0	1	0
40	TOTAL LINE TRANSFORMERS			EELT	0	0	293	23
41	MISC DIST EXPENSE & RENTS	G41	P30	EE41	61	145	471	393
42	DEMAND COMPONENT			EE41D	58	143	452	16
43	CUSTOMER COMPONENT			EE41C	3	2	19	377
44	METERS	G43	P43	EE43	48	24	70	0
45	STREET LIGHTING	G46	XP1	EE46	0	0	0	1,958
46	CUSTOMER INSTALLATIONS	G47	C31	EE47	0	0	20	0
47	TOTAL DISTRIBUTION FUNCTION			EE30	521	1,196	3,245	3,831
48	DEMAND COMPONENT			EE30D	470	1,170	3,055	96
49	CUSTOMER COMPONENT			EE30C	51	26	190	3,735

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATION AND MAINTENANCE EXPENSE CONTINUED								
2	CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	5,582	3,654	1,249	278	252
3	CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	19,340	17,046	1,914	229	16
4	SALES FUNCTION	G60	AT1D	EE60	975	390	69	188	119
5	CUST SERVICE & INFORMATION	G65	C10	EE65	5,654	4,988	560	64	4
6	ADMINISTRATIVE AND GENERAL								
7	PUC - REGULATORY EXPENSE	G70	K929	EE70	120	63	9	17	10
8	DEMAND COMPONENT			EE70D	59	24	4	12	6
9	ENERGY COMPONENT			EE70E	26	10	1	5	3
10	CUSTOMER COMPONENT			EE70C	35	29	4	0	0
11	PROPERTY INSURANCE	G72	P10	EE72	2,935	1,059	197	552	399
12	OTHER ADMIN & GENERAL	G74	K929	EE74	61,242	32,223	4,535	8,450	5,444
13	DEMAND COMPONENT			EE74D	29,990	12,219	2,134	5,838	3,572
14	ENERGY COMPONENT			EE74E	13,298	5,034	612	2,384	1,831
15	CUSTOMER COMPONENT			EE74C	17,954	14,970	1,789	227	42
16	TOTAL A & G EXPENSE			EE76	64,297	33,345	4,741	9,019	5,853
17	DEMAND COMPONENT			EE76D	32,984	13,302	2,335	6,402	3,978
18	ENERGY COMPONENT			EE76E	13,324	5,044	613	2,389	1,834
19	CUSTOMER COMPONENT			EE76C	17,989	14,999	1,793	228	41
20	ADJUSTMENT TO O & M EXPENSE								
21	ENERGY ADJUSTMENTS	G81	U15	EE8I	2,139	799	97	378	298
22	WAGE EXPENSE	G83	K939	EE83	9,492	4,994	703	1,310	844
23	DEMAND COMPONENT			EE83D	4,649	1,894	331	905	553
24	ENERGY COMPONENT			EE83E	2,061	780	95	370	283
25	CUSTOMER COMPONENT			EE83C	2,782	2,320	277	36	6
26	EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	3,462	1,822	256	478	307
27	DEMAND COMPONENT			EE85D	1,695	691	120	331	201
28	ENERGY COMPONENT			EE85E	752	285	34	135	103
29	CUSTOMER COMPONENT			EE85C	1,015	846	101	13	3
30	PUC - REGULATORY EXPENSE	G87	K929	EE87	112	59	8	16	10
31	DEMAND COMPONENT			EE87D	55	22	4	11	7
32	ENERGY COMPONENT			EE87E	24	9	1	5	3
33	CUSTOMER COMPONENT			EE87C	33	27	4	0	0
34	AMORTIZATION OF FLOOD COST	G88	AT2D	EE88	313	139	24	62	33
35	INTEREST ON CUST DEPOSITS	G89	CW5	EE89	166	26	72	49	5
36	TOTAL O & M EXPENSE			EE00	694,966	300,670	40,773	113,415	82,928
37	DEMAND COMPONENT			EE00D	135,025	54,396	9,585	26,317	16,535
38	ENERGY COMPONENT			EE00E	477,887	180,903	21,959	85,689	65,811
39	CUSTOMER COMPONENT			EE00C	82,054	65,371	9,229	1,409	582

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 OPERATION AND MAINTENANCE EXPENSE CONTINUED							
2 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	50	25	74	0
3 CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	6	2	113	14
4 SALES FUNCTION	G60	AT1D	EE60	38	95	75	1
5 CUST SERVICE & INFORMATION	G65	C10	EE65	1	0	33	4
6 ADMINISTRATIVE AND GENERAL							
7 PUC - REGULATORY EXPENSE	G70	K929	EE70	4	9	6	2
8 DEMAND COMPONENT			EE70D	3	5	5	0
9 ENERGY COMPONENT			EE70E	2	4	1	0
10 CUSTOMER COMPONENT			EE70C	0	0	1	1
11 PROPERTY INSURANCE	G72	P10	EE72	149	372	207	0
12 OTHER ADMIN & GENERAL	G74	K929	EE74	1,794	4,757	3,114	925
13 DEMAND COMPONENT			EE74D	1,108	2,754	2,331	34
14 ENERGY COMPONENT			EE74E	678	1,998	678	83
15 CUSTOMER COMPONENT			EE74C	8	5	105	808
16 TOTAL A & G EXPENSE			EE76	1,947	5,138	3,327	927
17 DEMAND COMPONENT			EE76D	1,258	3,132	2,542	35
18 ENERGY COMPONENT			EE76E	680	2,002	679	83
19 CUSTOMER COMPONENT			EE76C	9	4	106	809
20 ADJUSTMENT TO O & M EXPENSE							
21 ENERGY ADJUSTMENTS	G81	U15	EE81	113	333	108	13
22 WAGE EXPENSE	G83	K939	EE83	278	737	483	143
23 DEMAND COMPONENT			EE83D	172	427	361	6
24 ENERGY COMPONENT			EE83E	106	309	105	13
25 CUSTOMER COMPONENT			EE83C	1	1	16	125
26 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	102	269	176	52
27 DEMAND COMPONENT			EE85D	63	156	132	1
28 ENERGY COMPONENT			EE85E	39	113	38	5
29 CUSTOMER COMPONENT			EE85C	0	0	6	46
30 PUC - REGULATORY EXPENSE	G87	K929	EE87	3	9	5	2
31 DEMAND COMPONENT			EE87D	2	5	4	0
32 ENERGY COMPONENT			EE87E	1	4	1	0
33 CUSTOMER COMPONENT			EE87C	0	0	0	2
34 AMORTIZATION OF FLOOD COST	G88	AT2D	EE88	8	20	26	1
35 INTEREST ON CUST DEPOSITS	G89	CW5	EE89	5	0	9	0
36 TOTAL O & M EXPENSE			EE00	29,546	84,460	35,318	7,856
37 DEMAND COMPONENT			EE00D	5,059	12,582	10,410	141
38 ENERGY COMPONENT			EE00E	24,364	71,820	24,360	2,981
39 CUSTOMER COMPONENT			EE00C	124	58	547	4,734

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	DEPRECIATION EXPENSE								
2	PRODUCTION FUNCTION	GD10	P10	ED10	40,444	14,591	2,712	7,610	5,497
3	TRANSMISSION FUNCTION	GD20	P20	ED20	7,705	2,780	516	1,450	1,047
4	DISTRIBUTION FUNCTION								
5	SUBSTATIONS								
6	GENERATION STEP-UP	GD26	P26	ED26	15	5	1	3	2
7	66/138 KV	GD27	P27	ED27	116	42	8	21	16
8	PRIMARY	GD28	P28	ED28	2,854	1,252	233	653	471
9	SECONDARY	GD29	P29	ED29	1,193	723	98	236	0
10	TOTAL SUBSTATIONS			EDSS	4,178	2,022	340	913	489
11	OVERHEAD LINES								
12	66/138 KV	GD31	P31	ED31	4,628	1,670	310	871	629
13	PRIMARY	GD32	P32	ED32	4,152	1,822	338	950	686
14	SECONDARY								
15	DEMAND COMPONENT	GD33	P33	ED33	2,125	1,287	176	419	0
16	CUSTOMER COMPONENT	GD34	P34	ED34	7,648	6,752	758	88	0
17	STREET LIGHTING	GD35	P35	ED35	827	0	0	0	0
18	TOTAL OVERHEAD LINES			EDOL	19,380	11,531	1,582	2,328	1,315
19	UNDERGROUND LINES								
20	66/138 KV	GD36	P36	ED36	96	35	6	18	13
21	PRIMARY	GD37A	P37A	ED37A	157	69	13	36	26
22	SECONDARY								
23	DEMAND COMPONENT	GD37	P37	ED37	708	429	58	140	0
24	CUSTOMER COMPONENT	GD38	P38	ED38	730	644	73	8	0
25	TOTAL UNDERGROUND LINES			EDUG	1,691	1,177	150	202	39
26	LINE TRANSFORMERS								
27	DEMAND COMPONENT	GD39	P39	ED39	4,773	2,892	393	942	0
28	CUSTOMER COMPONENT	GD40	P40	ED40	677	600	67	8	0
29	TOTAL LINE TRANSFORMERS			EDLT	5,450	3,492	460	950	0
30	SERVICES								
31	DEMAND COMPONENT	GD41	P41	ED41	1,567	957	131	312	0
32	CUSTOMER COMPONENT	GD42	P42	ED42	4,702	4,154	466	54	0
33	TOTAL SERVICES			EDSV	6,269	5,111	597	366	0
34	METERS	GD43	P43	ED43	1,646	1,077	369	82	74
35	AREA LIGHTING FIXTURES	GD44	P44	ED44	238	0	0	0	0
36	STREET LIGHTING	GD46	P46	ED46	1,205	0	0	0	0
37	TOTAL DISTRIBUTION FUNCTION			ED30	40,057	24,410	3,498	4,841	1,917
38	DEMAND COMPONENT			ED30D	22,384	11,183	1,765	4,601	1,843
39	CUSTOMER COMPONENT			ED30C	17,673	13,227	1,733	240	74
40	GENERAL FUNCTION	GD88	P88	ED88	2,649	1,384	208	371	234
41	DEMAND COMPONENT			ED88D	1,872	736	130	361	233
42	CUSTOMER COMPONENT			ED88C	777	648	78	10	1
43	TOTAL DEPRECIATION EXPENSE			ED00	90,855	43,165	6,934	14,272	8,695
44	DEMAND COMPONENT			ED00D	72,405	29,290	5,123	14,022	8,620
45	CUSTOMER COMPONENT			ED00C	18,450	13,875	1,811	250	75

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	DEPRECIATION EXPENSE							
2	PRODUCTION FUNCTION	GD10	P10	ED10	2,060	5,124	2,850	0
3	TRANSMISSION FUNCTION	GD20	P20	ED20	393	976	543	0
4	DISTRIBUTION FUNCTION							
5	SUBSTATIONS							
6	GENERATION STEP-UP	GD26	P26	ED26	1	2	1	0
7	66/138 KV	GD27	P27	ED27	6	15	8	0
8	PRIMARY	GD28	P28	ED28	0	0	245	0
9	SECONDARY	GD29	P29	ED29	0	0	126	10
10	TOTAL SUBSTATIONS			EDSS	7	17	380	10
11	OVERHEAD LINES							
12	66/138 KV	GD31	P31	ED31	236	586	326	0
13	PRIMARY	GD32	P32	ED32	0	0	356	0
14	SECONDARY							
15	DEMAND COMPONENT	GD33	P33	ED33	0	0	225	18
16	CUSTOMER COMPONENT	GD34	P34	ED34	0	0	45	5
17	STREET LIGHTING	GD35	P35	ED35	0	0	0	827
18	TOTAL OVERHEAD LINES			EDOL	236	586	952	850
19	UNDERGROUND LINES							
20	66/138 KV	GD36	P36	ED36	5	12	7	0
21	PRIMARY	GD37A	P37A	ED37A	0	0	13	0
22	SECONDARY							
23	DEMAND COMPONENT	GD37	P37	ED37	0	0	75	6
24	CUSTOMER COMPONENT	GD38	P38	ED38	0	0	4	1
25	TOTAL UNDERGROUND LINES			EDUG	5	12	99	7
26	LINE TRANSFORMERS							
27	DEMAND COMPONENT	GD39	P39	ED39	0	0	506	40
28	CUSTOMER COMPONENT	GD40	P40	ED40	0	0	1	1
29	TOTAL LINE TRANSFORMERS			EDLT	0	0	507	41
30	SERVICES							
31	DEMAND COMPONENT	GD41	P41	ED41	0	0	167	0
32	CUSTOMER COMPONENT	GD42	P42	ED42	0	0	28	0
33	TOTAL SERVICES			EDSV	0	0	195	0
34	METERS	GD43	P43	ED43	15	7	22	0
35	AREA LIGHTING FIXTURES	GD44	P44	ED44	0	0	0	238
36	STREET LIGHTING	GD46	P46	ED46	0	0	0	1,205
37	TOTAL DISTRIBUTION FUNCTION			ED30	263	622	2,155	2,351
38	DEMAND COMPONENT			ED30D	248	615	2,055	74
39	CUSTOMER COMPONENT			ED30C	15	7	100	2,277
40	GENERAL FUNCTION	GD88	P88	ED88	78	192	146	36
41	DEMAND COMPONENT			ED88D	77	192	142	1
42	CUSTOMER COMPONENT			ED88C	1	0	4	35
43	TOTAL DEPRECIATION EXPENSE			ED00	2,794	6,914	5,694	2,387
44	DEMAND COMPONENT			ED00D	2,778	6,907	5,590	75
45	CUSTOMER COMPONENT			ED00C	16	7	104	2,312

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	PAYROLL TAXES	GP00	K939	EP00	7,527	3,960	558	1,038	669
2	DEMAND COMPONENT			EP00D	3,686	1,502	262	717	439
3	ENERGY COMPONENT			EP00E	1,634	619	75	293	225
4	CUSTOMER COMPONENT			EP00C	2,207	1,840	220	28	5
5	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS								
6	CAPITAL STOCK TAX	GT1	P01	ET1	10,145	4,715	768	1,653	1,032
7	DEMAND COMPONENT			ET1D	8,407	3,366	594	1,629	1,025
8	CUSTOMER COMPONENT			ET1C	1,738	1,349	174	24	7
9	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0	0
10	DEMAND COMPONENT			ET3D	0	0	0	0	0
11	CUSTOMER COMPONENT			ET3C	0	0	0	0	0
12	REGULATORY COMM ASSESSMENT	GT5	P01	ET5	1,366	635	103	223	139
13	DEMAND COMPONENT			ET5D	1,132	453	80	220	138
14	CUSTOMER COMPONENT			ET5C	234	182	23	3	1
15	LOCAL PROPERTY TAXES	GT6	P01	ET6	238	111	18	38	25
16	DEMAND COMPONENT			ET6D	197	79	14	38	24
17	CUSTOMER COMPONENT			ET6C	41	32	4	0	1
18	SALES & USE TAX	GT7	P01	ET7	427	198	33	69	44
19	DEMAND COMPONENT			ET7D	353	141	26	68	44
20	CUSTOMER COMPONENT			ET7C	74	57	7	1	0
21	OTHER TAXES AT PRESENT RATES			ET00	12,176	5,659	922	1,983	1,240
22	DEMAND COMPONENT			ET00D	10,090	4,040	712	1,955	1,231
23	CUSTOMER COMPONENT			ET00C	2,086	1,619	210	28	9
24	CAPITAL STOCK TAX ADJUSTMENT	GT9	ET1	ET9	682	317	52	111	69
25	DEMAND COMPONENT			ET9D	565	226	40	110	68
26	CUSTOMER COMPONENT			ET9C	117	91	12	1	1
27	ADJUSTED OTHER TAXES			ET01	12,858	5,976	974	2,094	1,309
28	DEMAND COMPONENT			ET01D	10,655	4,266	753	2,064	1,300
29	CUSTOMER COMPONENT			ET01C	2,203	1,710	221	30	9

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	PAYROLL TAXES	GP00	K939	EP00	221	585	382	114
2	DEMAND COMPONENT			EP00D	137	338	286	5
3	ENERGY COMPONENT			EP00E	83	246	83	10
4	CUSTOMER COMPONENT			EP00C	1	0	13	100
5	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS							
6	CAPITAL STOCK TAX	GT1	P01	ET1	329	814	654	180
7	DEMAND COMPONENT			ET1D	327	814	644	8
8	CUSTOMER COMPONENT			ET1C	2	0	10	172
9	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0
10	DEMAND COMPONENT			ET3D	0	0	0	0
11	CUSTOMER COMPONENT			ET3C	0	0	0	0
12	REGULATORY COMM ASSESSMENT	GT5	P01	ET5	44	110	88	24
13	DEMAND COMPONENT			ET5D	44	109	87	1
14	CUSTOMER COMPONENT			ET5C	0	1	1	23
15	LOCAL PROPERTY TAXES	GT6	P01	ET6	7	19	16	4
16	DEMAND COMPONENT			ET6D	7	19	16	0
17	CUSTOMER COMPONENT			ET6C	0	0	0	4
18	SALES & USE TAX	GT7	P01	ET7	14	34	27	8
19	DEMAND COMPONENT			ET7D	14	33	27	0
20	CUSTOMER COMPONENT			ET7C	0	1	0	8
21	OTHER TAXES AT PRESENT RATES			ET00	394	977	785	216
22	DEMAND COMPONENT			ET00D	393	976	773	10
23	CUSTOMER COMPONENT			ET00C	1	1	12	206
24	CAPITAL STOCK TAX ADJUSTMENT	GT9	ET1	ET9	22	55	44	12
25	DEMAND COMPONENT			ET9D	22	55	44	0
26	CUSTOMER COMPONENT			ET9C	0	0	0	12
27	ADJUSTED OTHER TAXES			ET01	416	1,032	829	228
28	DEMAND COMPONENT			ET01D	414	1,031	816	11
29	CUSTOMER COMPONENT			ET01C	2	1	13	217

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 AMORTIZATION OF PROP LOSS	INCD21	P10	TXD21	537	194	36	101	73
2 DEFERRED INCOME TAXES - NET								
3 ACCEL AMORT EMERG FACIL	INCD1	P10	TXD1	-529	-191	-35	-100	-72
4 ACCEL AMORT POLLUTION CTL	INCD2	P10	TXD2	-121	-44	-8	-23	-16
5 CLASS LIFE SYSTEM	INCD3	P00	TXD3	-110	-51	-8	-18	-11
6 REMOVAL COSTS	INCD4	P00	TXD4	-712	-330	-53	-116	-73
7 ACCEL COST RECOVERY SYSTEM	INCD5	P00	TXD5	4,752	2,200	359	773	483
8 TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-239	-90	-11	-43	-33
9 EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-199	-72	-13	-38	-27
10 CONV TO MONTHLY BILLING	INCDD	K939	TXDD	-558	-294	-41	-77	-50
11 DEMONSTRATION PROJECTS	INCDE	K939	TXDE	43	23	3	6	4
12 RCS PROGRAM	INCDF	K939	TXDF	153	81	11	21	14
13 DEFERRED INCOME TAXES - NET			TXD31	2,480	1,232	204	385	219
14 DEMAND COMPONENT			TXD31D	2,225	921	160	434	260
15 ENERGY COMPONENT			TXD31E	-318	-120	-14	-57	-44
16 CUSTOMER COMPONENT			TXD31C	572	431	58	8	3
17 INVEST TAX CREDIT AMORT	INCD38	P00	TXD38	-2,525	-1,169	-191	-410	-257
18 DEMAND COMPONENT			TXD38D	-2,089	-835	-147	-404	-255
19 CUSTOMER COMPONENT			TXD38C	-436	-334	-44	-6	-2
20 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	67,369	31,184	5,099	10,952	6,847
21 DEMAND COMPONENT			TXD35D	55,739	22,279	3,929	10,789	6,796
22 CUSTOMER COMPONENT			TXD35C	11,630	8,905	1,170	163	51
23 INVEST TAX CR PROV ADJ PROP	INVT	P00	IXVT	87,111	40,323	6,593	14,161	8,853
24 DEMAND COMPONENT			IXVTD	72,072	28,808	5,080	13,951	8,786
25 CUSTOMER COMPONENT			IXVTC	15,039	11,515	1,513	210	67
26 NET INVEST TAX CR PRES RATES			TXD39	64,844	30,015	4,908	10,542	6,590
27 DEMAND COMPONENT			TXD39D	53,650	21,444	3,781	10,386	6,540
28 CUSTOMER COMPONENT			TXD39C	11,194	8,571	1,127	156	50
29 NET INVEST TAX CR PROP RATES			TXD32	151,955	70,338	11,501	24,703	15,443
30 DEMAND COMPONENT			TXD32D	125,722	50,252	8,861	24,337	15,326
31 CUSTOMER COMPONENT			TXD32C	26,233	20,086	2,640	366	117

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
ALLOCATION OF OPERATING EXPENSES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 AMORTIZATION OF PROP LOSS	INCD21	P10	TXD21	27	68	38	0
2 DEFERRED INCOME TAXES - NET							
3 ACCEL AMORT EMERG FACIL	INCD1	P10	TXD1	-27	-67	-37	0
4 ACCEL AMORT POLLUTION CTL	INCD2	P10	TXD2	-6	-15	-9	0
5 CLASS LIFE SYSTEM	INCD3	P00	TXD3	-4	-9	-7	-2
6 REMOVAL COSTS	INCD4	P00	TXD4	-23	-57	-46	-14
7 ACCEL COST RECOVERY SYSTEM	INCD5	P00	TXD5	155	384	306	92
8 TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-12	-36	-13	-1
9 EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-10	-25	-14	0
10 CONV TO MONTHLY BILLING	INCDD	K939	TXDD	-16	-43	-29	-8
11 DEMONSTRATION PROJECTS	INCDE	K939	TXDE	1	3	2	1
12 RCS PROGRAM	INCDF	K939	TXDF	4	12	8	2
13 DEFERRED INCOME TAXES - NET			TXD31	62	147	161	70
14 DEMAND COMPONENT			TXD31D	78	194	175	3
15 ENERGY COMPONENT			TXD31E	-16	-48	-17	-2
16 CUSTOMER COMPONENT			TXD31C	0	1	3	68
17 INVEST TAX CREDIT AMORT	INCD38	P00	TXD38	-82	-204	-163	-49
18 DEMAND COMPONENT			TXD38D	-82	-204	-160	-2
19 CUSTOMER COMPONENT			TXD38C	0	0	-3	-47
20 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	2,197	5,446	4,333	1,311
21 DEMAND COMPONENT			TXD35D	2,186	5,441	4,265	54
22 CUSTOMER COMPONENT			TXD35C	11	5	68	1,257
23 INVEST TAX CR PROV ADJ PROP	INVT	P00	IXVT	2,842	7,041	5,602	1,696
24 DEMAND COMPONENT			IXVTD	2,829	7,034	5,515	69
25 CUSTOMER COMPONENT			IXVTC	13	7	87	1,627
26 NET INVEST TAX CR PRES RATES			TXD39	2,115	5,242	4,170	1,262
27 DEMAND COMPONENT			TXD39D	2,105	5,237	4,105	52
28 CUSTOMER COMPONENT			TXD39C	10	5	65	1,210
29 NET INVEST TAX CR PROP RATES			TXD32	4,957	12,283	9,772	2,958
30 DEMAND COMPONENT			TXD32D	4,934	12,272	9,619	121
31 CUSTOMER COMPONENT			TXD32C	23	11	153	2,837

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATING REVENUES								
2	SALES OF ELECTRICITY								
3	RATE REVENUE	RR			1,057,923	436,453	76,718	196,137	123,464
4	ENERGY COST RATE (3.335)	ECR			73,765	27,479	3,370	12,934	10,175
5	PENNSYLVANIA TAX SURCHARGE	SCR			0	0	0	0	0
6	REVENUES @ PRESENT RATES			R104	1,131,688	463,932	80,088	209,071	133,639
7	ANNUALIZATION @ PRES RATES	ANN			7,192	3,618	-111	3,479	2,115
8	LATE PAYMENT CHARGE	S11	CW7	LPC	3,263	1,258	791	728	214
9	TOTAL OTHER OPERATING REVS			R21	8,030	4,068	633	1,200	713
10	TOTAL OPERATING REVENUE			R00	1,150,173	472,876	81,401	214,478	136,681
11	OPERATING EXPENSES								
12	OPERATION & MAINTENANCE			EE00	694,966	300,670	40,773	113,415	82,928
13	DEPRECIATION			ED00	90,855	43,165	6,934	14,272	8,695
14	PAYROLL TAXES			EP00	7,527	3,960	558	1,038	669
15	GROSS RECEIPTS TAX			GRT	22,843	9,376	1,616	4,265	2,719
16	OTHER TAXES AT PRESENT RATES			ET00	12,176	5,659	922	1,983	1,240
17	DEFERRED INCOME TAXES - NET			TXD31	2,480	1,232	204	385	219
18	NET INVEST TAX CR PRES RATES			TXD39	64,844	30,015	4,908	10,542	6,590
19	AMORT OF PROP LOSS			TXD21	537	194	36	101	73
20	TOT EXP BEFORE INCOME TAX			TXD	896,228	394,271	55,951	146,001	103,133
21	INTEREST EXPENSE	INCD11	RBX	TXD11	112,871	51,658	8,237	18,536	11,835
22	TOTAL INCOME TAX ADJUSTMENTS								
23	DEFERRED INCOME TAXES - NET			TXD31	2,480	1,232	204	385	219
24	NET INVEST TAX CR PRES RATES			TXD39	64,844	30,015	4,908	10,542	6,590
25	TAXES CAPITALIZED	INCD12	P00	TXD12	-6,580	-3,046	-498	-1,070	-668
26	PENSIONS CAPITALIZED	INCD13	P00	TXD13	-8,634	-3,997	-653	-1,404	-877
27	BOOK DEPRECIATION	INCD15	ED00	TXD15	90,855	43,165	6,934	14,272	8,695
28	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	153	73	11	24	15
29	TAX DEPRECIATION	INCD18	ED00	TXD18	-99,313	-47,183	-7,580	-15,601	-9,504
30	REMOVAL COSTS	INCD19	P00	TXD19	-5,834	-2,700	-442	-948	-593
31	AMORT OF PROP LOSS			TXD21	537	194	36	101	73
32	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	1,104	513	84	180	112
33	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-8	-4	0	-2	0
34	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-87	-46	-6	-12	-8
35	AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	313	139	24	62	33
36	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-816	-379	-62	-133	-83
37	RCS PROGRAM	INCD28	K939	TXD28	-294	-155	-21	-41	-26
38	MISCELLANEOUS	INCD30	P01	TXD30	-87	-40	-7	-14	-9
39	FEDERAL TAX ADJUSTMENTS			TXDTOT	38,633	17,781	2,932	6,341	3,969
40	DEMAND COMPONENT			TXTOTD	32,664	13,048	2,304	6,324	3,994
41	ENERGY COMPONENT			TXTOTE	-401	-151	-18	-72	-56
42	CUSTOMER COMPONENT			TXTOTC	6,369	4,884	646	90	29

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATING REVENUES							
2	SALES OF ELECTRICITY							
3	RATE REVENUE	RR			41,601	111,976	55,449	16,125
4	ENERGY COST RATE (3.335)	ECR			3,892	11,564	3,903	448
5	PENNSYLVANIA TAX SURCHARGE	SCR			0	0	0	0
6	REVENUES @ PRESENT RATES			R104	45,493	123,540	59,352	16,573
7	ANNUALIZATION @ PRES RATES	ANN			431	-115	-2,561	336
8	LATE PAYMENT CHARGE	S11	CW7	LPC	37	32	159	44
9	TOTAL OTHER OPERATING REVS			R21	214	528	482	192
10	TOTAL OPERATING REVENUE			R00	46,175	123,985	57,432	17,145
11	OPERATING EXPENSES							
12	OPERATION & MAINTENANCE			EE00	29,546	84,460	35,318	7,856
13	DEPRECIATION			ED00	2,794	6,914	5,694	2,387
14	PAYROLL TAXES			EP00	221	585	382	114
15	GROSS RECEIPTS TAX			GRT	920	2,469	1,139	339
16	OTHER TAXES AT PRESENT RATES			ET00	394	977	785	216
17	DEFERRED INCOME TAXES - NET			TXD31	62	147	161	70
18	NET INVEST TAX CR PRES RATES			TXD39	2,115	5,242	4,170	1,262
19	AMORT OF PROP LOSS			TXD21	27	68	38	0
20	TOT EXP BEFORE INCOME TAX			TXD	36,079	100,862	47,687	12,244
21	INTEREST EXPENSE	INCD11	RBX	TXD11	3,835	9,727	7,161	1,882
22	TOTAL INCOME TAX ADJUSTMENTS							
23	DEFERRED INCOME TAXES - NET			TXD31	62	147	161	70
24	NET INVEST TAX CR PRES RATES			TXD39	2,115	5,242	4,170	1,262
25	TAXES CAPITALIZED	INCD12	P00	TXD12	-215	-532	-423	-128
26	PENSIONS CAPITALIZED	INCD13	P00	TXD13	-282	-698	-555	-168
27	BOOK DEPRECIATION	INCD15	ED00	TXD15	2,794	6,914	5,694	2,387
28	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	5	11	10	4
29	TAX DEPRECIATION	INCD18	ED00	TXD18	-3,054	-7,558	-6,224	-2,609
30	REMOVAL COSTS	INCD19	P00	TXD19	-191	-471	-375	-114
31	AMORT OF PROP LOSS			TXD21	27	68	38	0
32	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	36	88	71	20
33	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-1	0	-1	0
34	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-3	-6	-5	-1
35	AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	8	20	26	1
36	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-26	-66	-53	-14
37	RCS PROGRAM	INCD28	K939	TXD28	-9	-23	-15	-4
38	MISCELLANEOUS	INCD30	P01	TXD30	-3	-7	-5	-2
39	FEDERAL TAX ADJUSTMENTS			TXDTOT	1,263	3,129	2,514	704
40	DEMAND COMPONENT			TXTOTD	1,278	3,186	2,498	32
41	ENERGY COMPONENT			TXTOTE	-20	-60	-22	-2
42	CUSTOMER COMPONENT			TXTOTC	6	3	37	674

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

JURISDICTIONAL COST ALLOCATION — HISTORIC TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY — SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 TAXABLE NET INCOME			OPY	179,707	44,728	20,145	56,282	25,682
2 PA INCOME TAX CALCULATION								
3 PA INCOME TAX DEDUCTIONS								
4 TAX PREFERENCE INCOME								
5 EXCESS DEPRECIATION	NCD40A	P88	TXD40A	-72	-38	-5	-10	-7
6 OTHER	NCD40B	D10	TXD40B	0	0	0	0	0
7 ACRS DEPRECIATION	INCD41	P00	TXD41	2,449	1,134	185	398	249
8 PA TAXABLE INCOME			PDPY	182,084	45,824	20,325	56,670	25,924
9 PA INCOME TAX @ 6.977%			STAXA	12,704	3,197	1,418	3,954	1,809
10 TOTAL PA INCOME TAX			TSTAX	12,704	3,197	1,418	3,954	1,809
11 FEDERAL TAXABLE INCOME			FOPY	167,003	41,531	18,727	52,328	23,873
12 FEDERAL INCOME TAX @ 46%			FTAXA	76,821	19,104	8,615	24,070	10,982
13 SURTAX	SURTAX	RBX	SURT	18	8	2	3	1
14 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	67,369	31,184	5,099	10,952	6,847
15 TOTAL FEDERAL INCOME TAX			TFTAX	9,434	-12,088	3,514	13,115	4,134
16 RETURN			RTN	231,807	87,496	20,518	51,407	27,606
17 RATE BASE			RBX	2,135,239	977,234	155,825	350,656	223,901
18 RATE OF RETURN-PERCENT			RTR	10.86	8.95	13.17	14.66	12.33

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 TAXABLE NET INCOME			OPY	7,524	16,525	5,098	3,723
2 PA INCOME TAX CALCULATION							
3 PA INCOME TAX DEDUCTIONS							
4 TAX PREFERENCE INCOME							
5 EXCESS DEPRECIATION	NCD40A	P88	TXD40A	-2	-5	-4	-1
6 OTHER	NCD40B	D10	TXD40B	0	0	0	0
7 ACRS DEPRECIATION	INCD41	P00	TXD41	80	198	157	48
8 PA TAXABLE INCOME			POPY	7,602	16,718	5,251	3,770
9 PA INCOME TAX @ 6.977%			STAXA	530	1,167	366	263
10 TOTAL PA INCOME TAX			TSTAX	530	1,167	366	263
11 FEDERAL TAXABLE INCOME			FOPY	6,994	15,359	4,731	3,460
12 FEDERAL INCOME TAX @ 46%			FTAXA	3,217	7,065	2,177	1,591
13 SURTAX	SURTAX	RBX	SURT	1	2	1	0
14 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	2,197	5,446	4,333	1,311
15 TOTAL FEDERAL INCOME TAX			TFTAX	1,019	1,617	-2,157	280
16 RETURN			RTN	8,547	20,339	11,536	4,358
17 RATE BASE			RBX	72,548	184,002	135,479	35,594
18 RATE OF RETURN-PERCENT			RTR	11.78	11.05	8.52	12.24

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF ALLOCATORS

HISTORIC TEST YEAR

SEE SECTIONS A & B FOR FURTHER DETAILS

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 AMOUNTS EXPRESSED IN $1,000							
2 METER INVESTMENT	CW1		45,081	29,510	10,090	2,245	2,033
3 CUSTOMER ACCOUNTS EXPENSE	CW4		19,340	17,046	1,914	229	16
4 CUSTOMER DEPOSITS	CW5		1,821	282	791	537	62
5 LATE PAYMENT CHARGE	CW7		2,863	1,104	694	639	187
6 CUSTOMER ADVANCES	CW8		689	358	72	203	11
7 LINE TRANSFORMER CUST COMP	CW9		16,314	14,457	1,620	186	0
8 AMOUNTS EXPRESSED IN UNITS							
9 CUSTOMERS	C10		1,006,622	888,003	99,694	11,524	673
10 CUSTS SECONDARY SUBS & LINES	C30		1,005,841	888,003	99,694	11,524	0
11 CUSTS SECONDARY SERVICES	C31		1,005,128	888,003	99,694	11,524	0
12 AMOUNTS EXPRESSED IN MW							
13 DEMAND PRODUCTION-TRANS	D10		3,789	1,367	254	713	515
14 DEMAND PRIMARY CUSTS & BELOW	D20		3,116	1,367	254	713	515
15 DEMAND SECONDARY CUSTOMERS	D30		4,039	2,447	333	797	0
16 DEMAND SECONDARY SERVICES	D31		4,005	2,447	333	797	0
17 AMOUNTS EXPRESSED IN MWH							
18 ENERGY AT GENERATION LEVEL	U10		23,641,395	8,949,982	1,086,275	4,239,378	3,255,586
19 ENERGY AT SALES LEVEL	U15		22,246,744	8,310,182	1,008,621	3,936,433	3,096,646
20 DIRECT ASSIGNMENT							
21 DIRECT TO STREET LIGHTING	XP1		1	0	0	0	0
22 DIRECT TO AREA LIGHTING	XP2		1	0	0	0	0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF ALLOCATORS

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE SECTIONS A & B FOR FURTHER DETAILS

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 AMOUNTS EXPRESSED IN $1,000							
2 METER INVESTMENT	CW1			406	199	598	0
3 CUSTOMER ACCOUNTS EXPENSE	CW4			6	2	113	14
4 CUSTOMER DEPOSITS	CW5			53	0	94	2
5 LATE PAYMENT CHARGE	CW7			33	28	139	39
6 CUSTOMER ADVANCES	CW8			0	27	1	17
7 LINE TRANSFORMER CUST COMP	CW9			0	0	39	12
8 AMOUNTS EXPRESSED IN UNITS							
9 CUSTOMERS	C10			80	28	5,907	713
10 CUSTS SECONDARY SUBS & LINES	C30			0	0	5,907	713
11 CUSTS SECONDARY SERVICES	C31			0	0	5,907	0
12 AMOUNTS EXPRESSED IN MW							
13 DEMAND PRODUCTION-TRANS	D10			193	480	267	0
14 DEMAND PRIMARY CUSTS & BELOW	D20			0	0	267	0
15 DEMAND SECONDARY CUSTOMERS	D30			0	0	428	34
16 DEMAND SECONDARY SERVICES	D31			0	0	428	0
17 AMOUNTS EXPRESSED IN MWH							
18 ENERGY AT GENERATION LEVEL	U10			1,205,049	3,552,455	1,205,134	147,536
19 ENERGY AT SALES LEVEL	U15			1,174,897	3,463,568	1,119,408	136,989
20 DIRECT ASSIGNMENT							
21 DIRECT TO STREET LIGHTING	XP1			0	0	0	1
22 DIRECT TO AREA LIGHTING	XP2			0	0	0	1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES								
2 PRODUCTION								
3 DEMAND RELATED	K900	D10	K901	23,726	8,560	1,590	4,465	3,225
4 ENERGY RELATED	K902	U10	K903	19,468	7,370	895	3,491	2,680
5 TRANSMISSION	K904	P20	K905	4,016	1,449	269	756	546
6 DISTRIBUTION	K906	P30	K907	25,845	15,511	2,262	3,331	1,418
7 DEMAND COMPONENT			K907D	15,433	7,587	1,214	3,184	1,371
8 CUSTOMER COMPONENT			K907C	10,412	7,924	1,048	147	47
9 CUSTOMER ACCTS	K920	CW4	K921	11,491	10,128	1,137	136	10
10 CUSTOMER SERV & INFO	K922	C10	K923	4,380	3,864	434	50	3
11 SALES	K924	AT1D	K925D	731	292	52	141	89
12 SUB-TOTAL			K929	89,657	47,174	6,639	12,370	7,971
13 DEMAND COMPONENT			K929D	43,906	17,888	3,125	8,546	5,231
14 ENERGY COMPONENT			K929E	19,468	7,370	895	3,491	2,680
15 CUSTOMER COMPONENT			K929C	26,283	21,916	2,619	333	60
16 ADMIN & GENERAL	K930	K929	K931	22,235	11,699	1,647	3,067	1,977
17 DEMAND COMPONENT			K931D	10,888	4,436	775	2,119	1,298
18 ENERGY COMPONENT			K931E	4,828	1,828	222	865	665
19 CUSTOMER COMPONENT			K931C	6,519	5,435	650	82	15
20 TOTAL			K939	111,892	58,873	8,286	15,437	9,948
21 DEMAND COMPONENT			K939D	54,794	22,325	3,899	10,666	6,527
22 ENERGY COMPONENT			K939E	24,296	9,198	1,117	4,356	3,345
23 CUSTOMER COMPONENT			K939C	32,802	27,351	3,269	415	76
24 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
25 PRODUCTION	K910	D10	K911	43,081	15,543	2,888	8,107	5,855
26 TRANSMISSION	K904	P20	K905	4,016	1,449	269	756	546
27 DISTRIBUTION	K906	P30	K907	25,845	15,511	2,262	3,331	1,418
28 DEMAND COMPONENT			K907D	15,433	7,587	1,214	3,184	1,371
29 CUSTOMER COMPONENT			K907C	10,412	7,924	1,048	147	47
30 CUSTOMER ACCTS	K920	CW4	K921	11,491	10,128	1,137	136	10
31 CUSTOMER SERV & INFO	K922	C10	K923	4,380	3,864	434	50	3
32 SALES	K924	AT1D	K925D	731	292	52	141	89
33 TOTAL			K433	89,544	46,787	7,042	12,521	7,921
34 DEMAND COMPONENT			K433D	63,261	24,871	4,423	12,188	7,861
35 CUSTOMER COMPONENT			K433C	26,283	21,916	2,619	333	60

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES							
2	PRODUCTION							
3	DEMAND RELATED	K900	D10	K901	1,208	3,006	1,672	0
4	ENERGY RELATED	K902	U10	K903	993	2,925	993	121
5	TRANSMISSION	K904	P20	K905	204	509	283	0
6	DISTRIBUTION	K906	P30	K907	189	451	1,462	1,221
7	DEMAND COMPONENT			K907D	179	446	1,402	50
8	CUSTOMER COMPONENT			K907C	10	5	60	1,171
9	CUSTOMER ACCTS	K920	CW4	K921	3	2	67	8
10	CUSTOMER SERV & INFO	K922	C10	K923	0	0	26	3
11	SALES	K924	AT1D	K925D	29	71	56	1
12	SUB-TOTAL			K929	2,626	6,964	4,559	1,354
13	DEMAND COMPONENT			K929D	1,620	4,032	3,413	51
14	ENERGY COMPONENT			K929E	993	2,925	993	121
15	CUSTOMER COMPONENT			K929C	13	7	153	1,182
16	ADMIN & GENERAL	K930	K929	K931	651	1,728	1,130	336
17	DEMAND COMPONENT			K931D	401	1,001	846	12
18	ENERGY COMPONENT			K931E	246	726	246	30
19	CUSTOMER COMPONENT			K931C	3	2	38	294
20	TOTAL			K939	3,277	8,692	5,689	1,690
21	DEMAND COMPONENT			K939D	2,022	5,033	4,258	64
22	ENERGY COMPONENT			K939E	1,239	3,651	1,239	151
23	CUSTOMER COMPONENT			K939C	15	9	192	1,475
24	WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT							
25	PRODUCTION	K910	D10	K911	2,195	5,457	3,036	0
26	TRANSMISSION	K904	P20	K905	204	509	283	0
27	DISTRIBUTION	K906	P30	K907	189	451	1,462	1,221
28	DEMAND COMPONENT			K907D	179	446	1,402	50
29	CUSTOMER COMPONENT			K907C	10	5	60	1,171
30	CUSTOMER ACCTS	K920	CW4	K921	3	2	67	8
31	CUSTOMER SERV & INFO	K922	C10	K923	0	0	26	3
32	SALES	K924	AT1D	K925D	29	71	56	1
33	TOTAL			K433	2,620	6,490	4,930	1,233
34	DEMAND COMPONENT			K433D	2,607	6,483	4,777	51
35	CUSTOMER COMPONENT			K433C	13	7	153	1,182

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

COST ALLOCATION STUDY AT PROPOSED RATES

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

Index

	Pages
Calculations of Income Taxes, Allocated Returns and Rates of Return	2 to 5

Data changes from those used in the Section III study at present rates are the effects on revenues of the proposed rate changes and the related changes in income and other taxes. Accordingly, only the statements showing the calculation of the income taxes, allocated returns and rates of return at the proposed rate levels are reproduced here (pages 2 through 5) corresponding to pages 52 to 55 of Section III.

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATING REVENUES								
2	SALES OF ELECTRICITY								
3	RATE REVENUE	RRP			1,361,103	558,989	98,044	252,300	159,780
4	ENERGY COST RATE	ECRP			0	0	0	0	0
5	PENNSYLVANIA TAX SURCHARGE	SCRP			0	0	0	0	0
6	REVENUES @ PROPOSED RATES			R104P	1,361,103	558,989	98,044	252,300	159,780
7	ANNUALIZATION @ PROP RATES	ANNINP	ANN	ANNP	8,648	4,350	-133	4,183	2,543
8	LATE PAYMENT CHARGE	S10	CW7	LPCP	3,900	1,504	945	871	254
9	TOTAL OTHER OPERATING REVS			R21	8,030	4,068	633	1,200	713
10	TOTAL OPERATING REVENUE			R00P	1,381,681	568,911	99,489	258,554	163,290
11	OPERATING EXPENSES								
12	OPERATION & MAINTENANCE			EE00	694,966	300,670	40,773	113,415	82,928
13	DEPRECIATION			ED00	90,855	43,165	6,934	14,272	8,695
14	PAYROLL TAXES			EP00	7,527	3,960	558	1,038	669
15	GROSS RECEIPTS TAX			GRTP	27,473	11,297	1,977	5,147	3,252
16	ADJUSTED OTHER TAXES			ET01	12,858	5,976	974	2,094	1,309
17	DEFERRED INCOME TAXES - NET			TXD31	2,480	1,232	204	385	219
18	NET INVEST TAX CR PROP RATES			TXD32	151,955	70,338	11,501	24,703	15,443
19	AMORT OF PROP LOSS			TXD21	537	194	36	101	73
20	TOT EXP BEFORE INCOME TAX			TXD	988,651	436,832	62,957	161,155	112,588
21	INTEREST EXPENSE	INCD11	RBX	TXD11	112,871	51,658	8,237	18,536	11,835
22	TOTAL INCOME TAX ADJUSTMENTS								
23	DEFERRED INCOME TAXES - NET			TXD31	2,480	1,232	204	385	219
24	NET INVEST TAX CR PROP RATES			TXD32	151,955	70,338	11,501	24,703	15,443
25	TAXES CAPITALIZED	INCD12	P00	TXD12	-6,580	-3,046	-498	-1,070	-668
26	PENSIONS CAPITALIZED	INCD13	P00	TXD13	-8,634	-3,997	-653	-1,404	-877
27	BOOK DEPRECIATION	INCD15	ED00	TXD15	90,855	43,165	6,934	14,272	8,695
28	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	153	73	11	24	15
29	TAX DEPRECIATION	INCD18	ED00	TXD18	-99,313	-47,183	-7,580	-15,601	-9,504
30	REMOVAL COSTS	INCD19	P00	TXD19	-5,834	-2,700	-442	-948	-593
31	AMORT OF PROP LOSS			TXD21	537	194	36	101	73
32	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	1,104	513	84	180	112
33	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-8	-4	0	-2	0
34	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-87	-46	-6	-12	-8
35	AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	313	139	24	62	33
36	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-816	-379	-62	-133	-83
37	RCS PROGRAM	INCD28	K939	TXD28	-294	-155	-21	-41	-26
38	MISCELLANEOUS	INCD30	P01	TXD30	-87	-40	-7	-14	-9
39	FEDERAL TAX ADJUSTMENTS			TXDTOT	125,744	58,104	9,525	20,502	12,822

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATING REVENUES							
2	SALES OF ELECTRICITY							
3	RATE REVENUE	RRP			53,730	146,052	72,300	19,908
4	ENERGY COST RATE	ECRP			0	0	0	0
5	PENNSYLVANIA TAX SURCHARGE	SCRP			0	0	0	0
6	REVENUES @ PROPOSED RATES			R104P	53,730	146,052	72,300	19,908
7	ANNUALIZATION @ PROP RATES	ANNINP	ANN	ANNP	519	-139	-3,079	404
8	LATE PAYMENT CHARGE	S10	CW7	LPCP	45	39	189	53
9	TOTAL OTHER OPERATING REVS			R21	214	528	482	192
10	TOTAL OPERATING REVENUE			R00P	54,508	146,480	69,892	20,557
11	OPERATING EXPENSES							
12	OPERATION & MAINTENANCE			EE00	29,546	84,460	35,318	7,856
13	DEPRECIATION			ED00	2,794	6,914	5,694	2,387
14	PAYROLL TAXES			EP00	221	585	382	114
15	GROSS RECEIPTS TAX			GRTP	1,085	2,920	1,388	407
16	ADJUSTED OTHER TAXES			ET01	416	1,032	829	228
17	DEFERRED INCOME TAXES - NET			TXD31	62	147	161	70
18	NET INVEST TAX CR PROP RATES			TXD32	4,957	12,283	9,772	2,958
19	AMORT OF PROP LOSS			TXD21	27	68	38	0
20	TOT EXP BEFORE INCOME TAX			TXO	39,108	108,409	53,582	14,020
21	INTEREST EXPENSE	INCD11	RBX	TXD11	3,835	9,727	7,161	1,882
22	TOTAL INCOME TAX ADJUSTMENTS							
23	DEFERRED INCOME TAXES - NET			TXD31	62	147	161	70
24	NET INVEST TAX CR PROP RATES			TXD32	4,957	12,283	9,772	2,958
25	TAXES CAPITALIZED	INCD12	P00	TXD12	-215	-532	-423	-128
26	PENSIONS CAPITALIZED	INCD13	P00	TXD13	-282	-698	-555	-168
27	BOOK DEPRECIATION	INCD15	ED00	TXD15	2,794	6,914	5,694	2,387
28	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	5	11	10	4
29	TAX DEPRECIATION	INCD18	ED00	TXD18	-3,054	-7,558	-6,224	-2,609
30	REMOVAL COSTS	INCD19	P00	TXD19	-191	-471	-375	-114
31	AMORT OF PROP LOSS			TXD21	27	68	38	0
32	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	36	88	71	20
33	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-1	0	-1	0
34	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-3	-6	-5	-1
35	AMORT OF FLOOD COSTS	INCD27	AT2D	TXD27	8	20	26	1
36	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-26	-66	-53	-14
37	RCS PROGRAM	INCD28	K939	TXD28	-9	-23	-15	-4
38	MISCELLANEOUS	INCD30	P01	TXD30	-3	-7	-5	-2
39	FEDERAL TAX ADJUSTMENTS			TXDTOT	4,105	10,170	8,116	2,400

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 TAXABLE NET INCOME			OPY	405,903	138,525	37,820	99,365	51,689
2 PA INCOME TAX CALCULATION								
3 PA INCOME TAX DEDUCTIONS								
4 TAX PREFERENCE INCOME								
5 EXCESS DEPRECIATION			TXD40A	-72	-38	-5	-10	-7
6 OTHER			TXD40B	0	0	0	0	0
7 ACRS DEPRECIATION			TXD41	2,449	1,134	185	398	249
8 PA TAXABLE INCOME			POPY	408,280	139,621	38,000	99,753	51,931
9 PA INCOME TAX @ 6.977%			STAXA	28,486	9,741	2,652	6,959	3,624
10 TOTAL PA INCOME TAX			TSTAX	28,486	9,741	2,652	6,959	3,624
11 FEDERAL TAXABLE INCOME			FOPY	377,417	128,784	35,168	92,406	48,066
12 FEDERAL INCOME TAX @ 46%			FTAXA	173,612	59,241	16,177	42,506	22,111
13 SURTAX			SURT	18	8	2	3	1
14 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	67,369	31,184	5,099	10,952	6,847
15 INVEST TAX CR PROV ADJ PROP			IXVT	87,111	40,323	6,593	14,161	8,853
16 TOTAL FEDERAL INCOME TAX			TFTAX	19,114	-12,274	4,483	17,390	6,410
17 RETURN			RTN	345,430	134,612	29,397	73,049	40,670
18 RATE BASE			RBX	2,135,239	977,234	155,825	350,656	223,901
19 RATE OF RETURN-PERCENT			RTR	16.18	13.77	18.87	20.83	18.16

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 TAXABLE NET INCOME			OPY	15,670	38,514	17,265	7,055
2 PA INCOME TAX CALCULATION							
3 PA INCOME TAX DEDUCTIONS							
4 TAX PREFERENCE INCOME							
5 EXCESS DEPRECIATION			TXD40A	-2	-5	-4	-1
6 OTHER			TXD40B	0	0	0	0
7 ACRS DEPRECIATION			TXD41	80	198	157	48
8 PA TAXABLE INCOME			POPY	15,748	38,707	17,418	7,102
9 PA INCOME TAX @ 6.977%			STAXA	1,098	2,701	1,215	496
10 TOTAL PA INCOME TAX			TSTAX	1,098	2,701	1,215	496
11 FEDERAL TAXABLE INCOME			FOPY	14,570	35,815	16,049	6,559
12 FEDERAL INCOME TAX @ 46%			FTAXA	6,702	16,475	7,383	3,017
13 SURTAX			SURT	1	2	1	0
14 INV TAX CR PROV PRES RATES	INCD35	P00	TXD35	2,197	5,446	4,333	1,311
15 INVEST TAX CR PROV ADJ PROP			IXVT	2,842	7,041	5,602	1,696
16 TOTAL FEDERAL INCOME TAX			TFTAX	1,662	3,986	-2,553	10
17 RETURN			RTN	12,638	31,386	17,647	6,031
18 RATE BASE			RBX	72,548	184,002	135,479	35,594
19 RATE OF RETURN-PERCENT			RTR	17.42	17.06	13.03	16.94

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

SUMMARY OF COST ALLOCATION STUDIES AND CALCULATED CUSTOMER CLASS RATES OF RETURN USING DEMAND ALLOCATION FACTORS OTHER THAN THE MONTHLY PEAK RESPONSIBILITY METHOD PRESENT AND PROPOSED RATES

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

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- Proposed Rates	23,24

As indicated in the preface, PP&L submits, that for its system, it is most appropriate that demand related production, transmission and primary distribution costs be allocated by the monthly peak responsibility method. All of the results and studies which make up this exhibit, except those presented in this section, are based upon the use of that method.

The need for demand related facilities (production, transmission and primary distribution) is not determined merely by reference to the highest demand during any given period. The load-to-capacity relationship over substantial periods of time must be considered; provision must be made for scheduled maintenance and forced outages. The most critical period, from a PJM generating capacity standpoint, occurs during the summer months, even though PP&L's annual peak occurs during the winter months. Moreover, PP&L's experience, and that of PJM, is that conditions throughout the year as to load, scheduled maintenance and capacity availability must be taken into account. As a matter of fact, PJM sets each member's capacity obligation at a fixed amount for a full 12 month period and not on a member's particular seasonal peak.

In response to the Commission's regulations at IV-C-15, PP&L has made five cost allocation studies at present and proposed rate levels in addition to the Section III and IV studies. The results of these studies are shown on the pages following. The respective demand allocation factors are developed in Section B, pages 19 to 21.

PENNSYLVANIA POWER & LIGHT COMPANY

Comparison of Calculated Class Rates of Return (%) Utilizing
Various Demand Allocation Methods
Present Rates

Historic Period - Year Ended July 31, 1982

Demand Allocation Method	Total Pennsylvania Jurisdiction	RS	GS-1	GS-3	LP-4	LP-5	LP-6	GH	SL/AL
1. Monthly Peak Responsibility	10.86	8.95	13.17	14.66	12.33	11.78	11.05	8.52	12.24
Relation to System %	100	83	121	135	114	109	102	78	113
2. Summer Peak Responsibility	10.86	9.30	14.10	13.67	10.89	10.82	9.49	12.73	12.24
Relation to System %	100	86	130	126	100	100	87	117	113
3. Winter Peak Responsibility	10.86	7.64	13.73	17.19	15.68	15.23	14.76	6.88	12.24
Relation to System %	100	70	126	158	144	140	136	63	113
4. Non-coincident Peak	10.86	7.59	14.24	18.63	16.40	14.00	12.23	7.65	9.10
Relation to System %	100	70	131	172	151	129	113	71	84
5. Average & Excess	10.86	8.01	15.40	17.06	14.27	12.95	10.68	9.08	9.03
Relation to System %	100	74	142	157	132	119	98	84	83
6. Average Demand	10.86	8.61	17.20	15.29	12.08	11.74	9.09	11.59	9.04
Relation to System %	100	79	158	141	111	108	84	107	83

PENNSYLVANIA POWER & LIGHT COMPANY

Comparison of Calculated Class Rates of Return (%) Utilizing
Various Demand Allocation Methods
Proposed Rates

Historic Period - Year Ended July 31, 1982

Demand Allocation Method	Total Pennsylvania Jurisdiction	RS	GS-1	GS-3	LP-4	LP-5	LP-6	GH	SL/AL
1. Monthly Peak Responsibility	16.18	13.77	18.87	20.83	18.16	17.42	17.06	13.03	16.94
Relation to System %	100	85	117	129	112	108	105	81	105
2. Summer Peak Responsibility	16.18	14.26	20.12	19.50	16.18	16.09	14.82	18.86	16.94
Relation to System %	100	88	124	121	100	99	92	117	105
3. Winter Peak Responsibility	16.18	11.94	19.62	24.24	22.77	22.17	22.34	10.77	16.94
Relation to System %	100	74	121	150	141	137	138	67	105
4. Non-coincident Peak	16.18	11.87	20.31	26.17	23.77	20.48	18.73	11.83	12.84
Relation to System %	100	73	126	162	147	127	116	73	79
5. Average & Excess	16.18	12.45	21.87	24.06	20.83	19.03	16.53	13.81	12.76
Relation to System %	100	77	135	149	129	118	102	85	79
6. Average Demand	16.18	13.29	24.30	21.69	17.83	17.36	14.27	17.29	12.77
Relation to System %	100	82	150	134	110	107	88	107	79

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,233,340	196,172	474,679	310,617
2	RESERVE FOR DEPRECIATION	A00	778,684	346,046	55,644	133,725	87,726
3	NET PLANT IN SERVICE	P01	1,967,175	887,294	140,528	340,954	222,891
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	6,740	1,154	3,503	2,573
5	POLLUTION CONTROL PROJECTS	PC00	18,103	6,172	1,106	3,643	2,731
6	ASSOCIATED RETIREMENTS	PCR0	178	61	11	35	27
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	12,851	2,249	7,111	5,277
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	900,145	142,777	348,065	228,168
9	CASH WORKING CAPITAL	CWC	25,102	10,492	1,408	4,266	3,142
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	71,750	9,063	31,985	23,879
12	TOTAL WORKING CAPITAL	W00	206,431	82,242	10,471	36,251	27,021
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	31,810	4,981	12,655	8,467
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	32,180	5,798	13,247	8,531
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	950,207	147,450	371,069	246,658
18	REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19	OTHER OPERATING REVENUES	OOR	18,485	8,852	1,282	5,482	3,123
20	TOTAL OPERATING REVENUES	R00	1,150,173	472,784	81,370	214,553	136,762
21	OPERATION & MAINTENANCE EXP	EE00	694,966	298,471	40,087	115,131	84,836
22	DEPRECIATION EXPENSE	ED00	90,855	41,991	6,573	15,151	9,678
23	TAXES OTHER THAN INCOME	OTT	42,546	18,770	3,025	7,459	4,817
24	FEDERAL INCOME TAXES	FTAX1	9,434	-8,883	4,508	10,681	1,419
25	STATE INCOME TAXES	STAX1	12,704	3,567	1,532	3,672	1,495
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,198	191	414	250
27	INV TAX CR PROV PRES RATES	TXD35	67,369	30,260	4,813	11,646	7,621
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,134	-181	-436	-286
29	TOTAL TAXES	TEX1	132,008	43,778	13,887	33,437	15,316
30	AMORTIZATION OF PROP LOSS	TXD21	537	183	33	108	81
31	TOTAL OPERATING EXPENSES	TEXP1	918,366	384,423	60,580	163,827	109,911
32	OPERATING INCOME	PRERTN	231,807	88,361	20,790	50,726	26,851
33	RATE OF RETURN - %	PRRTR	10.86	9.30	14.10	13.67	10.89
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	85.7	129.9	125.9	100.3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	96,632	253,987	126,986	53,446
2 RESERVE FOR DEPRECIATION	A00	27,911	73,292	35,702	18,638
3 NET PLANT IN SERVICE	P01	68,721	180,695	91,284	34,808
4 ELECT PLANT HELD FOR FUT USE	PF00	928	2,442	821	54
5 POLLUTION CONTROL PROJECTS	PC00	995	2,624	832	0
6 ASSOCIATED RETIREMENTS	PCR0	10	26	8	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	1,913	5,040	1,645	54
8 DEPRECIATED ELECTRIC PLANT	TEP	70,634	185,735	92,929	34,862
9 CASH WORKING CAPITAL	CWC	1,112	3,206	1,198	278
10 FUEL STOCK AND MATERIALS					
11 AND SUPPLIES	WCD	8,599	25,181	9,148	1,724
12 TOTAL WORKING CAPITAL	W00	9,711	28,387	10,346	2,002
13 ACCUM DEFERRED INCOME TAXES	DF99	2,710	7,230	3,385	1,264
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	2,764	7,237	3,480	1,270
17 MEASURES OF VALUE (RATE BASE)	RBX	77,581	206,885	99,795	35,594
18 REV FROM SALES - BASE & ECR	R104	45,493	123,540	59,352	16,573
19 OTHER OPERATING REVENUES	OOR	698	521	-2,045	572
20 TOTAL OPERATING REVENUES	R00	46,191	124,061	57,307	17,145
21 OPERATION & MAINTENANCE EXP	EE00	29,944	86,280	32,361	7,856
22 DEPRECIATION EXPENSE	ED00	3,014	7,911	4,150	2,387
23 TAXES OTHER THAN INCOME	OTT	1,578	4,221	2,007	669
24 FEDERAL INCOME TAXES	FTAX1	424	-1,084	2,089	280
25 STATE INCOME TAXES	STAX1	462	856	857	263
26 DEFERRED INCOME TAXES - NET	TXD31	68	175	114	70
27 INV TAX CR PROV PRES RATES	TXD35	2,371	6,231	3,116	1,311
28 INVEST TAX CR AMORT	TXD38	-89	-233	-117	-49
29 TOTAL TAXES	TEX1	4,813	10,167	8,066	2,544
30 AMORTIZATION OF PROP LOSS	TXD21	29	78	25	0
31 TOTAL OPERATING EXPENSES	TEXP1	37,800	104,436	44,602	12,787
32 OPERATING INCOME	PRERTN	8,391	19,625	12,705	4,358
33 RATE OF RETURN - %	PRRTR	10.82	9.49	12.73	12.24
34 CLASS RATE IN % OF TOTAL	PRCLRT	99.6	87.4	117.3	112.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,233,340	196,172	474,679	310,617
2	RESERVE FOR DEPRECIATION	A00	778,684	346,046	55,644	133,725	87,726
3	NET PLANT IN SERVICE	P01	1,967,175	887,294	140,528	340,954	222,891
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	6,740	1,154	3,503	2,573
5	POLLUTION CONTROL PROJECTS	PC00	18,103	6,172	1,106	3,643	2,731
6	ASSOCIATED RETIREMENTS	PCR0	178	61	11	35	27
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	12,851	2,249	7,111	5,277
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	900,145	142,777	348,065	228,168
9	CASH WORKING CAPITAL	CWC	25,102	10,492	1,408	4,266	3,142
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	71,750	9,063	31,985	23,879
12	TOTAL WORKING CAPITAL	W00	206,431	82,242	10,471	36,251	27,021
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	31,810	4,981	12,655	8,467
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	32,180	5,798	13,247	8,531
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	950,207	147,450	371,069	246,658
18	REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19	OTHER OPERATING REVENUES	OORP	20,578	9,830	1,414	6,329	3,591
20	TOTAL OPERATING REVENUES	ROOP	1,381,681	568,819	99,458	258,629	163,371
21	OPERATION & MAINTENANCE EXP	EE00	694,966	298,471	40,087	115,131	84,836
22	DEPRECIATION EXPENSE	ED00	90,855	41,991	6,573	15,151	9,678
23	TAXES OTHER THAN INCOME	OTTP	47,858	20,999	3,434	8,460	5,427
24	FEDERAL INCOME TAXES	FTAX2	19,114	-7,669	5,847	14,055	2,690
25	STATE INCOME TAXES	STAX2	28,486	10,111	2,766	6,678	3,308
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,198	191	414	250
27	INVEST TAX CR PROV PROP RATES	ITCP	154,480	69,387	11,037	26,705	17,475
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,134	-181	-436	-286
29	TOTAL TAXES	TEX2	249,893	92,692	23,095	55,874	28,865
30	AMORTIZATION OF PROP LOSS	TXD21	537	183	33	108	81
31	TOTAL OPERATING EXPENSES	TEXP2	1,036,251	433,337	69,788	186,264	123,460
32	OPERATING INCOME	PPRTN	345,430	135,482	29,670	72,365	39,911
33	RATE OF RETURN - %	PPRTR	16.18	14.26	20.12	19.50	16.18
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	88.1	124.4	120.5	100.0
35	SAME AT PRESENT RATES	PRCLRT	100.0	85.7	129.9	125.9	100.3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	96,632	253,987	126,986	53,446
2	RESERVE FOR DEPRECIATION	A00	27,911	73,292	35,702	18,638
3	NET PLANT IN SERVICE	P01	68,721	180,695	91,284	34,808
4	ELECT PLANT HELD FOR FUT USE	PF00	928	2,442	821	54
5	POLLUTION CONTROL PROJECTS	PC00	995	2,624	832	0
6	ASSOCIATED RETIREMENTS	PCR0	10	26	8	0
7	NET ADDITIONS AND DEDUCTIONS	NA0	1,913	5,040	1,645	54
8	DEPRECIATED ELECTRIC PLANT	TEP	70,634	185,735	92,929	34,862
9	CASH WORKING CAPITAL	CWC	1,112	3,206	1,198	278
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,599	25,181	9,148	1,724
12	TOTAL WORKING CAPITAL	W00	9,711	28,387	10,346	2,002
13	ACCUM DEFERRED INCOME TAXES	DF99	2,710	7,230	3,385	1,264
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,764	7,237	3,480	1,270
17	MEASURES OF VALUE (RATE BASE)	RBX	77,581	206,885	99,795	35,594
18	REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19	OTHER OPERATING REVENUES	OORP	794	504	-2,533	649
20	TOTAL OPERATING REVENUES	ROOP	54,524	146,556	69,767	20,557
21	OPERATION & MAINTENANCE EXP	EE00	29,944	86,280	32,361	7,856
22	DEPRECIATION EXPENSE	ED00	3,014	7,911	4,150	2,387
23	TAXES OTHER THAN INCOME	OTTP	1,767	4,734	2,288	749
24	FEDERAL INCOME TAXES	FTAX2	843	266	3,272	10
25	STATE INCOME TAXES	STAX2	1,031	2,389	1,707	496
26	DEFERRED INCOME TAXES - NET	TXD31	68	175	114	70
27	INVEST TAX CR PROV PROP RATES	ITCP	5,436	14,289	7,144	3,007
28	INVEST TAX CR AMORT	TXD38	-89	-233	-117	-49
29	TOTAL TAXES	TEX2	9,056	21,619	14,409	4,283
30	AMORTIZATION OF PROP LOSS	TXD21	29	78	25	0
31	TOTAL OPERATING EXPENSES	TEXP2	42,043	115,888	50,945	14,526
32	OPERATING INCOME	PPRTN	12,481	30,668	18,822	6,031
33	RATE OF RETURN - %	PPRTR	16.09	14.82	18.86	16.94
34	CLASS RATE IN % OF TOTAL	PPCLRT	99.4	91.6	116.6	104.7
35	SAME AT PRESENT RATES	PRCLRT	99.6	87.4	117.3	112.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION — HISTORIC TEST YEAR
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,435,096	200,814	386,272	224,222
2	RESERVE FOR DEPRECIATION	A00	778,684	403,302	57,006	108,939	63,464
3	NET PLANT IN SERVICE	P01	1,967,175	1,031,794	143,808	277,333	160,758
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,495	1,205	2,793	1,871
5	POLLUTION CONTROL PROJECTS	PC00	18,103	8,043	1,159	2,892	1,987
6	ASSOCIATED RETIREMENTS	PCR0	178	79	11	29	19
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	16,459	2,353	5,656	3,839
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,048,253	146,161	282,989	164,597
9	CASH WORKING CAPITAL	CWC	25,102	10,943	1,415	4,064	2,949
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	72,994	9,084	31,383	23,300
12	TOTAL WORKING CAPITAL	W00	206,431	83,937	10,499	35,447	26,249
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	36,727	5,095	10,511	6,370
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	37,097	5,912	11,103	6,434
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,095,093	150,748	307,333	184,412
18	REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19	OTHER OPERATING REVENUES	OOR	18,485	9,356	1,293	5,253	2,899
20	TOTAL OPERATING REVENUES	R00	1,150,173	473,288	81,381	214,324	136,538
21	OPERATION & MAINTENANCE EXP	EE00	694,966	310,356	40,340	109,786	79,625
22	DEPRECIATION EXPENSE	ED00	90,855	48,274	6,714	12,401	6,991
23	TAXES OTHER THAN INCOME	OTT	42,546	19,980	3,052	6,925	4,295
24	FEDERAL INCOME TAXES	FTAX1	9,434	-26,092	4,121	18,284	8,839
25	STATE INCOME TAXES	STAX1	12,704	1,581	1,489	4,552	2,353
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,384	195	331	167
27	INV TAX CR PROV PRES RATES	TXD35	67,369	35,210	4,927	9,477	5,501
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,320	-184	-356	-206
29	TOTAL TAXES	TEX1	132,008	30,743	13,599	39,214	20,949
30	AMORTIZATION OF PROP LOSS	TXD21	537	239	34	86	59
31	TOTAL OPERATING EXPENSES	TEXP1	918,366	389,612	60,687	161,487	107,624
32	OPERATING INCOME	PRERTN	231,807	83,676	20,694	52,837	28,914
33	RATE OF RETURN - %	PRRTR	10.86	7.64	13.73	17.19	15.68
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	70.4	126.4	158.4	144.4

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	70,507	168,493	207,009	53,446
2	RESERVE FOR DEPRECIATION	A00	20,373	48,627	58,335	18,638
3	NET PLANT IN SERVICE	P01	50,134	119,866	148,674	34,808
4	ELECT PLANT HELD FOR FUT USE	PF00	675	1,619	1,503	54
5	POLLUTION CONTROL PROJECTS	PC00	725	1,741	1,556	0
6	ASSOCIATED RETIREMENTS	PCR0	8	17	15	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,392	3,343	3,044	54
8	DEPRECIATED ELECTRIC PLANT	TEP	51,526	123,209	151,718	34,862
9	CASH WORKING CAPITAL	CWC	1,056	3,020	1,377	278
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,460	24,728	9,656	1,724
12	TOTAL WORKING CAPITAL	W00	9,516	27,748	11,033	2,002
13	ACCUM DEFERRED INCOME TAXES	DF99	2,069	5,134	5,332	1,264
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,123	5,141	5,427	1,270
17	MEASURES OF VALUE (RATE BASE)	RBX	58,919	145,816	157,324	35,594
18	REV FROM SALES - BASE & ECR	R104	45,493	123,540	59,352	16,573
19	OTHER OPERATING REVENUES	OOR	638	317	-1,843	572
20	TOTAL OPERATING REVENUES	R00	46,131	123,857	57,509	17,145
21	OPERATION & MAINTENANCE EXP	EE00	28,463	81,430	37,110	7,856
22	DEPRECIATION EXPENSE	ED00	2,199	5,249	6,640	2,387
23	TAXES OTHER THAN INCOME	OTT	1,422	3,715	2,488	669
24	FEDERAL INCOME TAXES	FTAX1	2,630	6,124	-4,752	280
25	STATE INCOME TAXES	STAX1	715	1,684	67	263
26	DEFERRED INCOME TAXES - NET	TXD31	44	98	191	70
27	INV TAX CR PROV PRES RATES	TXD35	1,730	4,134	5,079	1,311
28	INVEST TAX CR AMORT	TXD38	-65	-154	-191	-49
29	TOTAL TAXES	TEX1	6,476	15,600	2,883	2,544
30	AMORTIZATION OF PROP LOSS	TXD21	21	52	46	0
31	TOTAL OPERATING EXPENSES	TEXP1	37,159	102,331	46,679	12,787
32	OPERATING INCOME	PRERTN	8,972	21,526	10,830	4,358
33	RATE OF RETURN - %	PRRTR	15.23	14.76	6.88	12.24
34	CLASS RATE IN % OF TOTAL	PRCLRT	140.3	136.0	63.4	112.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,435,096	200,814	386,272	224,222
2	RESERVE FOR DEPRECIATION	A00	778,684	403,302	57,006	108,939	63,464
3	NET PLANT IN SERVICE	P01	1,967,175	1,031,794	143,808	277,333	160,758
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,495	1,205	2,793	1,871
5	POLLUTION CONTROL PROJECTS	PC00	18,103	8,043	1,159	2,892	1,987
6	ASSOCIATED RETIREMENTS	PCR0	178	79	11	29	19
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	16,459	2,353	5,656	3,839
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,048,253	146,161	282,989	164,597
9	CASH WORKING CAPITAL	CWC	25,102	10,943	1,415	4,064	2,949
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	72,994	9,084	31,383	23,300
12	TOTAL WORKING CAPITAL	W00	206,431	83,937	10,499	35,447	26,249
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	36,727	5,095	10,511	6,370
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	37,097	5,912	11,103	6,434
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,095,093	150,748	307,333	184,412
18	REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19	OTHER OPERATING REVENUES	OORP	20,578	10,334	1,425	6,100	3,367
20	TOTAL OPERATING REVENUES	R00P	1,381,681	569,323	99,469	258,400	163,147
21	OPERATION & MAINTENANCE EXP	EE00	694,966	310,356	40,340	109,786	79,625
22	DEPRECIATION EXPENSE	ED00	90,855	48,274	6,714	12,401	6,991
23	TAXES OTHER THAN INCOME	OTTP	47,858	22,259	3,463	7,903	4,883
24	FEDERAL INCOME TAXES	FTAX2	19,114	-31,501	5,315	24,471	12,861
25	STATE INCOME TAXES	STAX2	28,486	8,122	2,722	7,559	4,169
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,384	195	331	167
27	INVEST TAX CR PROV PROP RATES	ITCP	154,480	80,738	11,297	21,732	12,614
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,320	-184	-356	-206
29	TOTAL TAXES	TEX2	249,893	79,682	22,808	61,640	34,487
30	AMORTIZATION OF PROP LOSS	TXD21	537	239	34	86	59
31	TOTAL OPERATING EXPENSES	TEXP2	1,036,251	438,551	69,896	183,913	121,162
32	OPERATING INCOME	PPRTN	345,430	130,772	29,573	74,487	41,985
33	RATE OF RETURN - %	PPRTR	16.18	11.94	19.62	24.24	22.77
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	73.8	121.3	149.8	140.7
35	SAME AT PRESENT RATES	PRCLRT	100.0	70.4	126.4	158.4	144.4

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

HISTORIC TEST YEAR

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	70,507	168,493	207,009	53,446
2 RESERVE FOR DEPRECIATION	A00	20,373	48,627	58,335	18,638
3 NET PLANT IN SERVICE	P01	50,134	119,866	148,674	34,808
4 ELECT PLANT HELD FOR FUT USE	PF00	675	1,619	1,503	54
5 POLLUTION CONTROL PROJECTS	PC00	725	1,741	1,556	0
6 ASSOCIATED RETIREMENTS	PCR0	8	17	15	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	1,392	3,343	3,044	54
8 DEPRECIATED ELECTRIC PLANT	TEP	51,526	123,209	151,718	34,862
9 CASH WORKING CAPITAL	CWC	1,056	3,020	1,377	278
10 FUEL STOCK AND MATERIALS AND SUPPLIES	MCD	8,460	24,728	9,656	1,724
12 TOTAL WORKING CAPITAL	W00	9,516	27,748	11,033	2,002
13 ACCUM DEFERRED INCOME TAXES	DF99	2,069	5,134	5,332	1,264
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	2,123	5,141	5,427	1,270
17 MEASURES OF VALUE (RATE BASE)	RBX	58,919	145,816	157,324	35,594
18 REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19 OTHER OPERATING REVENUES	OORP	734	300	-2,331	649
20 TOTAL OPERATING REVENUES	R00P	54,464	146,352	69,969	20,557
21 OPERATION & MAINTENANCE EXP	EE00	28,463	81,430	37,110	7,856
22 DEPRECIATION EXPENSE	ED00	2,199	5,249	6,640	2,387
23 TAXES OTHER THAN INCOME	OTTP	1,605	4,207	2,789	749
24 FEDERAL INCOME TAXES	FTAX2	3,880	10,194	-6,116	10
25 STATE INCOME TAXES	STAX2	1,284	3,219	915	496
26 DEFERRED INCOME TAXES - NET	TXD31	44	98	191	70
27 INVEST TAX CR PROV PROP RATES	ITCP	3,967	9,479	11,646	3,007
28 INVEST TAX CR AMORT	TXD38	-65	-154	-191	-49
29 TOTAL TAXES	TEX2	10,716	27,042	9,235	4,283
30 AMORTIZATION OF PROP LOSS	TXD21	21	52	46	0
31 TOTAL OPERATING EXPENSES	TEXP2	41,399	113,773	53,031	14,526
32 OPERATING INCOME	PPRTN	13,065	32,579	16,938	6,031
33 RATE OF RETURN - %	PPRTR	22.17	22.34	10.77	16.94
34 CLASS RATE IN % OF TOTAL	PPCLRT	137.1	138.1	66.6	104.7
35 SAME AT PRESENT RATES	PRCLRT	140.3	136.0	63.4	112.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
NON-COINCIDENT PEAK

HISTORIC TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,442,221	194,578	358,150	214,692
2	RESERVE FOR DEPRECIATION	A00	778,684	405,182	55,229	100,957	60,745
3	NET PLANT IN SERVICE	P01	1,967,175	1,037,039	139,349	257,193	153,947
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,530	1,149	2,547	1,785
5	POLLUTION CONTROL PROJECTS	PC00	18,103	8,078	1,099	2,631	1,895
6	ASSOCIATED RETIREMENTS	PCR0	178	79	11	26	19
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	16,529	2,237	5,152	3,661
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,053,568	141,586	262,345	157,608
9	CASH WORKING CAPITAL	CWC	25,102	10,960	1,403	4,002	2,927
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	73,064	9,047	31,210	23,244
12	TOTAL WORKING CAPITAL	W00	206,431	84,024	10,450	35,212	26,171
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	36,896	4,944	9,825	6,137
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	37,266	5,761	10,417	6,201
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,100,326	146,275	287,140	177,578
18	REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19	OTHER OPERATING REVENUES	OOR	18,485	9,378	1,277	5,184	2,876
20	TOTAL OPERATING REVENUES	R00	1,150,173	473,310	81,365	214,255	136,515
21	OPERATION & MAINTENANCE EXP	EE00	694,966	310,842	39,976	108,124	79,073
22	DEPRECIATION EXPENSE	ED00	90,855	48,493	6,524	11,527	6,690
23	TAXES OTHER THAN INCOME	OTT	42,546	20,025	3,015	6,754	4,240
24	FEDERAL INCOME TAXES	FTAX1	9,434	-26,728	4,649	20,685	9,651
25	STATE INCOME TAXES	STAX1	12,704	1,506	1,550	4,829	2,446
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,391	192	301	160
27	INV TAX CR PROV PRES RATES	TXD35	67,369	35,385	4,773	8,788	5,267
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,326	-179	-329	-198
29	TOTAL TAXES	TEX1	132,008	30,254	13,998	41,029	21,567
30	AMORTIZATION OF PROP LOSS	TXD21	537	240	32	78	56
31	TOTAL OPERATING EXPENSES	TEXP1	918,366	389,829	60,530	160,758	107,386
32	OPERATING INCOME	PRERTN	231,807	83,481	20,835	53,497	29,129
33	RATE OF RETURN - %	PRRTR	10.86	7.59	14.24	18.63	16.40
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	69.9	131.2	171.6	151.1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
NON-COINCIDENT PEAK

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	76,391	202,253	191,537	66,037
2	RESERVE FOR DEPRECIATION	A00	22,070	58,368	53,940	22,193
3	NET PLANT IN SERVICE	P01	54,321	143,885	137,597	43,844
4	ELECT PLANT HELD FOR FUT USE	PF00	731	1,946	1,368	159
5	POLLUTION CONTROL PROJECTS	PC00	785	2,090	1,413	112
6	ASSOCIATED RETIREMENTS	PCR0	7	21	14	1
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,509	4,015	2,767	270
8	DEPRECIATED ELECTRIC PLANT	TEP	55,830	147,900	140,364	44,114
9	CASH WORKING CAPITAL	CWC	1,069	3,092	1,343	306
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	MCD	8,492	24,906	9,560	1,806
12	TOTAL WORKING CAPITAL	W00	9,561	27,998	10,903	2,112
13	ACCUM DEFERRED INCOME TAXES	DF99	2,212	5,962	4,955	1,571
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,266	5,969	5,050	1,577
17	MEASURES OF VALUE (RATE BASE)	RBX	63,125	169,929	146,217	44,649
18	REV FROM SALES - BASE & ECR	R104	45,493	123,540	59,352	16,573
19	OTHER OPERATING REVENUES	OOR	649	399	-1,881	603
20	TOTAL OPERATING REVENUES	R00	46,142	123,939	57,471	17,176
21	OPERATION & MAINTENANCE EXP	EE00	28,803	83,342	36,202	8,604
22	DEPRECIATION EXPENSE	ED00	2,383	6,300	6,157	2,781
23	TAXES OTHER THAN INCOME	OTT	1,457	3,914	2,397	744
24	FEDERAL INCOME TAXES	FTAX1	2,129	3,280	-3,434	-798
25	STATE INCOME TAXES	STAX1	658	1,357	220	138
26	DEFERRED INCOME TAXES - NET	TXD31	50	129	175	82
27	INV TAX CR PROV PRES RATES	TXD35	1,874	4,962	4,700	1,620
28	INVEST TAX CR AMORT	TXD38	-70	-186	-176	-61
29	TOTAL TAXES	TEX1	6,096	13,457	3,881	1,726
30	AMORTIZATION OF PROP LOSS	TXD21	24	62	42	3
31	TOTAL OPERATING EXPENSES	TEXP1	37,306	103,161	46,282	13,114
32	OPERATING INCOME	PRERTN	8,836	20,778	11,189	4,062
33	RATE OF RETURN - %	PRRTR	14.00	12.23	7.65	9.10
34	CLASS RATE IN % OF TOTAL	PRCLRT	128.9	112.6	70.5	83.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
NON-COINCIDENT PEAK

		TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,442,221	194,578	358,150	214,692
2 RESERVE FOR DEPRECIATION	A00	778,684	405,182	55,229	100,957	60,745
3 NET PLANT IN SERVICE	P01	1,967,175	1,037,039	139,349	257,193	153,947
4 ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,530	1,149	2,547	1,785
5 POLLUTION CONTROL PROJECTS	PC00	18,103	8,078	1,099	2,631	1,895
6 ASSOCIATED RETIREMENTS	PCR0	178	79	11	26	19
7 NET ADDITIONS AND DEDUCTIONS	NAD	36,140	16,529	2,237	5,152	3,661
8 DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,053,568	141,586	262,345	157,608
9 CASH WORKING CAPITAL	CWC	25,102	10,960	1,403	4,002	2,927
10 FUEL STOCK AND MATERIALS	MCD	181,329	73,064	9,047	31,210	23,244
11 AND SUPPLIES	M00	206,431	84,024	10,450	35,212	26,171
12 TOTAL WORKING CAPITAL						
13 ACCUM DEFERRED INCOME TAXES	DF99	72,502	36,896	4,944	9,825	6,137
14 CUSTOMER ADVANCES	CA00	164	85	17	49	2
15 CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16 TOTAL DEDUCTIONS	PLDED	74,507	37,266	5,761	10,417	6,201
17 MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,100,326	146,275	287,140	177,578
18 REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19 OTHER OPERATING REVENUES	OORP	20,578	10,356	1,409	6,031	3,344
20 TOTAL OPERATING REVENUES	R00P	1,381,681	569,345	99,453	258,331	163,124
21 OPERATION & MAINTENANCE EXP	EE00	694,966	310,842	39,976	108,124	79,073
22 DEPRECIATION EXPENSE	ED00	90,855	48,493	6,524	11,527	6,690
23 TAXES OTHER THAN INCOME	OTTP	47,858	22,306	3,424	7,725	4,826
24 FEDERAL INCOME TAXES	FTAX2	19,114	-32,364	6,041	27,768	13,975
25 STATE INCOME TAXES	STAX2	28,486	8,048	2,782	7,837	4,262
26 DEFERRED INCOME TAXES - NET	TXD31	2,480	1,391	192	301	160
27 INVEST TAX CR PROV PROP RATES	ITCP	154,480	81,139	10,946	20,150	12,078
28 INVEST TAX CR AMORT	TXD38	-2,525	-1,326	-179	-329	-198
29 TOTAL TAXES	TEX2	249,893	79,194	23,206	63,452	35,103
30 AMORTIZATION OF PROP LOSS	TXD21	537	240	32	78	56
31 TOTAL OPERATING EXPENSES	TEXP2	1,036,251	438,769	69,738	183,181	120,922
32 OPERATING INCOME	PPRTN	345,430	130,576	29,715	75,150	42,202
33 RATE OF RETURN - %	PPRTR	16.18	11.87	20.31	26.17	23.77
34 CLASS RATE IN % OF TOTAL	PPCLRT	100.0	73.4	125.6	161.8	146.9
35 SAME AT PRESENT RATES	PRCLRT	100.0	69.9	131.2	171.6	151.1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
NON-COINCIDENT PEAK

HISTORIC TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	76,391	202,253	191,537	66,037
2	RESERVE FOR DEPRECIATION	A00	22,070	58,368	53,940	22,193
3	NET PLANT IN SERVICE	P01	54,321	143,885	137,597	43,844
4	ELECT PLANT HELD FOR FUT USE	PF00	731	1,946	1,368	159
5	POLLUTION CONTROL PROJECTS	PC00	785	2,090	1,413	112
6	ASSOCIATED RETIREMENTS	PCR0	7	21	14	1
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,509	4,015	2,767	270
8	DEPRECIATED ELECTRIC PLANT	TEP	55,830	147,900	140,364	44,114
9	CASH WORKING CAPITAL	CWC	1,069	3,092	1,343	306
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	8,492	24,906	9,560	1,806
12	TOTAL WORKING CAPITAL	W00	9,561	27,998	10,903	2,112
13	ACCUM DEFERRED INCOME TAXES	DF99	2,212	5,962	4,955	1,571
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,266	5,969	5,050	1,577
17	MEASURES OF VALUE (RATE BASE)	RBX	63,125	169,929	146,217	44,649
18	REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19	OTHER OPERATING REVENUES	OORP	745	382	-2,369	680
20	TOTAL OPERATING REVENUES	R00P	54,475	146,434	69,931	20,588
21	OPERATION & MAINTENANCE EXP	EE00	28,803	83,342	36,202	8,604
22	DEPRECIATION EXPENSE	ED00	2,383	6,300	6,157	2,781
23	TAXES OTHER THAN INCOME	OTTP	1,641	4,415	2,694	827
24	FEDERAL INCOME TAXES	FTAX2	3,192	6,275	-4,305	-1,468
25	STATE INCOME TAXES	STAX2	1,226	2,892	1,068	371
26	DEFERRED INCOME TAXES - NET	TXD31	50	129	175	82
27	INVEST TAX CR PROV PROP RATES	ITCP	4,297	11,379	10,776	3,715
28	INVEST TAX CR AMORT	TXD38	-70	-186	-176	-61
29	TOTAL TAXES	TEX2	10,337	24,903	10,232	3,466
30	AMORTIZATION OF PROP LOSS	TXD21	24	62	42	3
31	TOTAL OPERATING EXPENSES	TEXP2	41,547	114,607	52,633	14,854
32	OPERATING INCOME	PPRTN	12,928	31,827	17,298	5,734
33	RATE OF RETURN - %	PPRTR	20.48	18.73	11.83	12.84
34	CLASS RATE IN % OF TOTAL	PPCLRT	126.6	115.8	73.1	79.4
35	SAME AT PRESENT RATES	PRCLRT	128.9	112.6	70.5	83.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,384,990	182,015	388,824	244,618
2	RESERVE FOR DEPRECIATION	A00	778,684	388,929	51,670	109,573	69,159
3	NET PLANT IN SERVICE	P01	1,967,175	996,061	130,345	279,251	175,459
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,029	1,041	2,796	2,031
5	POLLUTION CONTROL PROJECTS	PC00	18,103	7,544	984	2,896	2,154
6	ASSOCIATED RETIREMENTS	PCR0	178	74	10	28	22
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	15,499	2,015	5,664	4,163
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,011,560	132,360	284,915	179,622
9	CASH WORKING CAPITAL	CWC	25,102	10,832	1,375	4,073	2,995
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	181,329	72,713	8,968	31,416	23,443
12	TOTAL WORKING CAPITAL	W00	206,431	83,545	10,343	35,489	26,438
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	35,502	4,636	10,570	6,863
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	35,872	5,453	11,162	6,927
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,059,233	137,250	309,242	199,133
18	REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19	OTHER OPERATING REVENUES	OOR	18,485	9,235	1,246	5,260	2,954
20	TOTAL OPERATING REVENUES	R00	1,150,173	473,167	81,334	214,331	136,593
21	OPERATION & MAINTENANCE EXP	EE00	694,966	307,477	39,227	109,979	80,875
22	DEPRECIATION EXPENSE	ED00	90,855	46,712	6,130	12,481	7,625
23	TAXES OTHER THAN INCOME	OTT	42,546	19,683	2,939	6,940	4,419
24	FEDERAL INCOME TAXES	FTAX1	9,434	-21,851	5,728	18,045	7,080
25	STATE INCOME TAXES	STAX1	12,704	2,069	1,674	4,523	2,149
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,341	178	332	185
27	INV TAX CR PROV PRES RATES	TXD35	67,369	33,980	4,466	9,540	6,001
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,274	-167	-358	-224
29	TOTAL TAXES	TEX1	132,008	33,948	14,817	39,023	19,611
30	AMORTIZATION OF PROP LOSS	TXD21	537	224	29	86	64
31	TOTAL OPERATING EXPENSES	TEXP1	918,366	388,361	60,203	161,569	108,175
32	OPERATING INCOME	PRERTN	231,807	84,806	21,131	52,762	28,418
33	RATE OF RETURN - %	PRRTR	10.86	8.01	15.40	17.06	14.27
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	73.7	141.8	157.2	131.5

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	82,189	228,886	167,987	66,350
2	RESERVE FOR DEPRECIATION	A00	23,740	66,055	47,278	22,280
3	NET PLANT IN SERVICE	P01	58,449	162,831	120,709	44,070
4	ELECT PLANT HELD FOR FUT USE	PF00	788	2,202	1,166	162
5	POLLUTION CONTROL PROJECTS	PC00	846	2,365	1,199	115
6	ASSOCIATED RETIREMENTS	PCR0	8	23	12	1
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,626	4,544	2,353	276
8	DEPRECIATED ELECTRIC PLANT	TEP	60,075	167,375	123,062	44,346
9	CASH WORKING CAPITAL	CWC	1,080	3,150	1,290	307
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,523	25,047	9,411	1,808
12	TOTAL WORKING CAPITAL	W00	9,603	28,197	10,701	2,115
13	ACCUM DEFERRED INCOME TAXES	DF99	2,356	6,615	4,382	1,578
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,410	6,622	4,477	1,584
17	MEASURES OF VALUE (RATE BASE)	RBX	67,268	188,950	129,286	44,877
18	REV FROM SALES - BASE & ECR	R1D4	45,493	123,540	59,352	16,573
19	OTHER OPERATING REVENUES	OOR	666	461	-1,942	605
20	TOTAL OPERATING REVENUES	R00	46,159	124,001	57,410	17,178
21	OPERATION & MAINTENANCE EXP	EE00	29,125	84,857	34,800	8,626
22	DEPRECIATION EXPENSE	ED00	2,561	7,132	5,425	2,789
23	TAXES OTHER THAN INCOME	OTT	1,492	4,072	2,255	746
24	FEDERAL INCOME TAXES	FTAX1	1,645	1,031	-1,419	-825
25	STATE INCOME TAXES	STAX1	603	1,099	452	135
26	DEFERRED INCOME TAXES - NET	TXD31	57	150	154	83
27	INV TAX CR PROV PRES RATES	TXD35	2,017	5,616	4,121	1,628
28	INVEST TAX CR AMORT	TXD38	-76	-211	-154	-61
29	TOTAL TAXES	TEX1	5,737	11,757	5,409	1,706
30	AMORTIZATION OF PROP LOSS	TXD21	25	70	36	3
31	TOTAL OPERATING EXPENSES	TEXP1	37,448	103,816	45,670	13,124
32	OPERATING INCOME	PRERTN	8,711	20,185	11,740	4,054
33	RATE OF RETURN - %	PRRTR	12.95	10.68	9.08	9.03
34	CLASS RATE IN % OF TOTAL	PRCLRT	119.3	98.4	83.6	83.2

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,384,990	182,015	388,824	244,618
2	RESERVE FOR DEPRECIATION	A00	778,684	388,929	51,670	109,573	69,159
3	NET PLANT IN SERVICE	P01	1,967,175	996,061	130,345	279,251	175,459
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	8,029	1,041	2,796	2,031
5	POLLUTION CONTROL PROJECTS	PC00	18,103	7,544	984	2,896	2,154
6	ASSOCIATED RETIREMENTS	PCR0	178	74	10	28	22
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	15,499	2,015	5,664	4,163
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	1,011,560	132,360	284,915	179,622
9	CASH WORKING CAPITAL	CWC	25,102	10,832	1,375	4,073	2,995
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	72,713	8,968	31,416	23,443
12	TOTAL WORKING CAPITAL	W00	206,431	83,545	10,343	35,489	26,438
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	35,502	4,636	10,570	6,863
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	35,872	5,453	11,162	6,927
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,059,233	137,250	309,242	199,133
18	REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19	OTHER OPERATING REVENUES	OORP	20,578	10,213	1,378	6,107	3,422
20	TOTAL OPERATING REVENUES	R00P	1,381,681	569,202	99,422	258,407	163,202
21	OPERATION & MAINTENANCE EXP	EE00	694,966	307,477	39,227	109,979	80,875
22	DEPRECIATION EXPENSE	ED00	90,855	46,712	6,130	12,481	7,625
23	TAXES OTHER THAN INCOME	OTTP	47,858	21,949	3,346	7,918	5,013
24	FEDERAL INCOME TAXES	FTAX2	19,114	-25,664	7,519	24,151	10,453
25	STATE INCOME TAXES	STAX2	28,486	8,611	2,908	7,530	3,964
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,341	178	332	185
27	INVEST TAX CR PROV PROP RATES	ITCP	154,480	77,918	10,240	21,876	13,761
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,274	-167	-358	-224
29	TOTAL TAXES	TEX2	249,893	82,881	24,023	61,450	33,152
30	AMORTIZATION OF PROP LOSS	TXD21	537	224	29	86	64
31	TOTAL OPERATING EXPENSES	TEXP2	1,036,251	437,294	69,409	183,996	121,716
32	OPERATING INCOME	PPRTN	345,430	131,908	30,013	74,411	41,486
33	RATE OF RETURN - %	PPRTR	16.18	12.45	21.87	24.06	20.83
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	77.0	135.2	148.7	128.8
35	SAME AT PRESENT RATES	PRCLRT	100.0	73.7	141.8	157.2	131.5

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-
AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	82,189	228,886	167,987	66,350
2	RESERVE FOR DEPRECIATION	A00	23,740	66,055	47,278	22,280
3	NET PLANT IN SERVICE	P01	58,449	162,831	120,709	44,070
4	ELECT PLANT HELD FOR FUT USE	PF00	788	2,202	1,166	162
5	POLLUTION CONTROL PROJECTS	PC00	846	2,365	1,199	115
6	ASSOCIATED RETIREMENTS	PCR0	8	23	12	1
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,626	4,544	2,353	276
8	DEPRECIATED ELECTRIC PLANT	TEP	60,075	167,375	123,062	44,346
9	CASH WORKING CAPITAL	CWC	1,080	3,150	1,290	307
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,523	25,047	9,411	1,808
12	TOTAL WORKING CAPITAL	W00	9,603	28,197	10,701	2,115
13	ACCUM DEFERRED INCOME TAXES	DF99	2,356	6,615	4,382	1,578
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,410	6,622	4,477	1,584
17	MEASURES OF VALUE (RATE BASE)	RBX	67,268	188,950	129,286	44,877
18	REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19	OTHER OPERATING REVENUES	OORP	762	444	-2,430	682
20	TOTAL OPERATING REVENUES	R00P	54,492	146,496	69,870	20,590
21	OPERATION & MAINTENANCE EXP	EE00	29,125	84,857	34,800	8,626
22	DEPRECIATION EXPENSE	ED00	2,561	7,132	5,425	2,789
23	TAXES OTHER THAN INCOME	OTTP	1,677	4,580	2,546	829
24	FEDERAL INCOME TAXES	FTAX2	2,523	3,178	-1,540	-1,506
25	STATE INCOME TAXES	STAX2	1,171	2,633	1,301	368
26	DEFERRED INCOME TAXES - NET	TXD31	57	150	154	83
27	INVEST TAX CR PROV PROP RATES	ITCP	4,624	12,878	9,450	3,733
28	INVEST TAX CR AMORT	TXD38	-76	-211	-154	-61
29	TOTAL TAXES	TEX2	9,977	23,207	11,756	3,447
30	AMORTIZATION OF PROP LOSS	TXD21	25	70	36	3
31	TOTAL OPERATING EXPENSES	TEXP2	41,688	115,266	52,017	14,865
32	OPERATING INCOME	PPRTN	12,804	31,230	17,853	5,725
33	RATE OF RETURN - %	PPRTR	19.03	16.53	13.81	12.76
34	CLASS RATE IN % OF TOTAL	PPCLRT	117.7	102.2	85.4	78.9
35	SAME AT PRESENT RATES	PRCLRT	119.3	98.4	83.6	83.2

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

HISTORIC TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,310,115	165,180	429,606	283,901
2	RESERVE FOR DEPRECIATION	A00	778,684	367,681	46,904	121,016	80,195
3	NET PLANT IN SERVICE	P01	1,967,175	942,434	118,276	308,590	203,706
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	7,378	896	3,126	2,350
5	POLLUTION CONTROL PROJECTS	PC00	18,103	6,850	831	3,244	2,493
6	ASSOCIATED RETIREMENTS	PCR0	178	67	9	31	25
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	14,161	1,718	6,339	4,818
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	956,595	119,994	314,929	208,524
9	CASH WORKING CAPITAL	CNC	25,102	10,666	1,337	4,166	3,083
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	181,329	72,251	8,862	31,691	23,707
12	TOTAL WORKING CAPITAL	W00	206,431	82,917	10,199	35,857	26,790
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	33,677	4,227	11,559	7,817
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	34,047	5,044	12,151	7,881
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,005,465	125,149	338,635	227,433
18	REV FROM SALES - BASE & ECR	R104	1,131,688	463,932	80,088	209,071	133,639
19	OTHER OPERATING REVENUES	OOR	18,485	9,048	1,203	5,368	3,055
20	TOTAL OPERATING REVENUES	R00	1,150,173	472,980	81,291	214,439	136,694
21	OPERATION & MAINTENANCE EXP	EE00	694,966	303,066	38,233	112,437	83,242
22	DEPRECIATION EXPENSE	ED00	90,855	44,379	5,608	13,752	8,846
23	TAXES OTHER THAN INCOME	OTT	42,546	19,233	2,838	7,188	4,655
24	FEDERAL INCOME TAXES	FTAX1	9,434	-15,462	7,162	14,541	3,708
25	STATE INCOME TAXES	STAX1	12,704	2,806	1,840	4,117	1,760
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,271	163	371	222
27	INV TAX CR PROV PRES RATES	TXD35	67,369	32,143	4,053	10,540	6,966
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,205	-152	-395	-261
29	TOTAL TAXES	TEX1	132,008	38,786	15,903	36,364	17,049
30	AMORTIZATION OF PROP LOSS	TXD21	537	203	25	96	74
31	TOTAL OPERATING EXPENSES	TEXP1	918,366	386,434	59,769	162,649	109,211
32	OPERATING INCOME	PRERTN	231,807	86,546	21,522	51,790	27,483
33	RATE OF RETURN - %	PRRTR	10.86	8.61	17.20	15.29	12.08
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	79.3	158.4	140.9	111.3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	89,854	263,324	137,558	66,321
2	RESERVE FOR DEPRECIATION	A00	25,952	75,989	38,678	22,269
3	NET PLANT IN SERVICE	P01	63,902	187,335	98,880	44,052
4	ELECT PLANT HELD FOR FUT USE	PF00	861	2,534	908	162
5	POLLUTION CONTROL PROJECTS	PC00	925	2,721	925	114
6	ASSOCIATED RETIREMENTS	PCR0	9	27	9	1
7	NET ADDITIONS AND DEDUCTIONS	NAD	1,777	5,228	1,824	275
8	DEPRECIATED ELECTRIC PLANT	TEP	65,679	192,563	100,704	44,327
9	CASH WORKING CAPITAL	CWC	1,097	3,224	1,222	307
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,563	25,230	9,217	1,808
12	TOTAL WORKING CAPITAL	W00	9,660	28,454	10,439	2,115
13	ACCUM DEFERRED INCOME TAXES	DF99	2,544	7,460	3,641	1,577
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	2,598	7,467	3,736	1,583
17	MEASURES OF VALUE (RATE BASE)	RBX	72,741	213,550	107,407	44,859
18	REV FROM SALES - BASE & ECR	R104	45,493	123,540	59,352	16,573
19	OTHER OPERATING REVENUES	OOR	681	542	-2,016	604
20	TOTAL OPERATING REVENUES	R00	46,174	124,082	57,336	17,177
21	OPERATION & MAINTENANCE EXP	EE00	29,560	86,810	32,996	8,622
22	DEPRECIATION EXPENSE	ED00	2,803	8,200	4,479	2,788
23	TAXES OTHER THAN INCOME	OTT	1,538	4,277	2,071	746
24	FEDERAL INCOME TAXES	FTAX1	996	-1,872	1,183	-822
25	STATE INCOME TAXES	STAX1	527	766	752	136
26	DEFERRED INCOME TAXES - NET	TXD31	65	180	125	83
27	INV TAX CR PROV FRES RATES	TXD35	2,204	6,461	3,375	1,627
28	INVEST TAX CR AMORT	TXD38	-82	-243	-126	-61
29	TOTAL TAXES	TEX1	5,248	9,569	7,380	1,709
30	AMORTIZATION OF PROP LOSS	TXD21	27	81	28	3
31	TOTAL OPERATING EXPENSES	TEXP1	37,638	104,660	44,883	13,122
32	OPERATING INCOME	PRERTN	8,536	19,422	12,453	4,055
33	RATE OF RETURN - %	PRRTR	11.74	9.09	11.59	9.04
34	CLASS RATE IN % OF TOTAL	PRCLRT	108.1	83.8	106.8	83.3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	2,745,859	1,310,115	165,180	429,606	283,901
2	RESERVE FOR DEPRECIATION	A00	778,684	367,681	46,904	121,016	80,195
3	NET PLANT IN SERVICE	P01	1,967,175	942,434	118,276	308,590	203,706
4	ELECT PLANT HELD FOR FUT USE	PF00	18,215	7,378	896	3,126	2,350
5	POLLUTION CONTROL PROJECTS	PC00	18,103	6,850	831	3,244	2,493
6	ASSOCIATED RETIREMENTS	PCR0	178	67	9	31	25
7	NET ADDITIONS AND DEDUCTIONS	NAD	36,140	14,161	1,718	6,339	4,818
8	DEPRECIATED ELECTRIC PLANT	TEP	2,003,315	956,595	119,994	314,929	208,524
9	CASH WORKING CAPITAL	CWC	25,102	10,666	1,337	4,166	3,083
10	FUEL STOCK AND MATERIALS AND SUPPLIES	MCD	181,329	72,251	8,862	31,691	23,707
12	TOTAL WORKING CAPITAL	W00	206,431	82,917	10,199	35,857	26,790
13	ACCUM DEFERRED INCOME TAXES	DF99	72,502	33,677	4,227	11,559	7,817
14	CUSTOMER ADVANCES	CA00	164	85	17	49	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	74,507	34,047	5,044	12,151	7,881
17	MEASURES OF VALUE (RATE BASE)	RBX	2,135,239	1,005,465	125,149	338,635	227,433
18	REV FROM SALES - BASE & ECR	R104P	1,361,103	558,989	98,044	252,300	159,780
19	OTHER OPERATING REVENUES	OORP	20,578	10,026	1,335	6,215	3,523
20	TOTAL OPERATING REVENUES	R00P	1,381,681	569,015	99,379	258,515	163,303
21	OPERATION & MAINTENANCE EXP	EE00	694,966	303,066	38,233	112,437	83,242
22	DEPRECIATION EXPENSE	ED00	90,855	44,379	5,608	13,752	8,846
23	TAXES OTHER THAN INCOME	OTTP	47,858	21,481	3,240	8,177	5,258
24	FEDERAL INCOME TAXES	FTAX2	19,114	-16,893	9,490	19,350	5,829
25	STATE INCOME TAXES	STAX2	28,486	9,349	3,074	7,124	3,574
26	DEFERRED INCOME TAXES - NET	TXD31	2,480	1,271	163	371	222
27	INVEST TAX CR PROV PROP RATES	ITCP	154,480	73,706	9,293	24,169	15,973
28	INVEST TAX CR AMORT	TXD38	-2,525	-1,205	-152	-395	-261
29	TOTAL TAXES	TEX2	249,893	87,710	25,107	58,796	30,594
30	AMORTIZATION OF PROP LOSS	TXD21	537	203	25	96	74
31	TOTAL OPERATING EXPENSES	TEXP2	1,036,251	435,358	68,973	185,081	122,756
32	OPERATING INCOME	PPRTN	345,430	133,657	30,406	73,434	40,547
33	RATE OF RETURN - %	PPRTR	16.18	13.29	24.30	21.69	17.83
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	82.2	150.2	134.0	110.2
35	SAME AT PRESENT RATES	PRCLRT	100.0	79.3	158.4	140.9	111.3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

HISTORIC TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	89,854	263,324	137,558	66,321
2 RESERVE FOR DEPRECIATION	A00	25,952	75,989	38,678	22,269
3 NET PLANT IN SERVICE	P01	63,902	187,335	98,880	44,052
4 ELECT PLANT HELD FOR FUT USE	PF00	861	2,534	908	162
5 POLLUTION CONTROL PROJECTS	PC00	925	2,721	925	114
6 ASSOCIATED RETIREMENTS	PCR0	9	27	9	1
7 NET ADDITIONS AND DEDUCTIONS	NAD	1,777	5,228	1,824	275
8 DEPRECIATED ELECTRIC PLANT	TEP	65,679	192,563	100,704	44,327
9 CASH WORKING CAPITAL	CWC	1,097	3,224	1,222	307
10 FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	8,563	25,230	9,217	1,808
12 TOTAL WORKING CAPITAL	W00	9,660	28,454	10,439	2,115
13 ACCUM DEFERRED INCOME TAXES	DF99	2,544	7,460	3,641	1,577
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	2,598	7,467	3,736	1,583
17 MEASURES OF VALUE (RATE BASE)	RBX	72,741	213,550	107,407	44,859
18 REV FROM SALES - BASE & ECR	R104P	53,730	146,052	72,300	19,908
19 OTHER OPERATING REVENUES	OORP	777	525	-2,504	681
20 TOTAL OPERATING REVENUES	R00P	54,507	146,577	69,796	20,589
21 OPERATION & MAINTENANCE EXP	EE00	29,560	86,810	32,996	8,622
22 DEPRECIATION EXPENSE	ED00	2,803	8,200	4,479	2,788
23 TAXES OTHER THAN INCOME	OTTP	1,726	4,792	2,355	829
24 FEDERAL INCOME TAXES	FTAX2	1,630	-820	2,029	-1,501
25 STATE INCOME TAXES	STAX2	1,096	2,299	1,602	368
26 DEFERRED INCOME TAXES - NET	TXD31	65	180	125	83
27 INVEST TAX CR PROV PROP RATES	ITCP	5,054	14,815	7,739	3,731
28 INVEST TAX CR AMORT	TXD38	-82	-243	-126	-61
29 TOTAL TAXES	TEX2	9,490	21,023	13,724	3,449
30 AMORTIZATION OF PROP LOSS	TXD21	27	81	28	3
31 TOTAL OPERATING EXPENSES	TEXP2	41,880	116,114	51,227	14,862
32 OPERATING INCOME	PPRTN	12,627	30,463	18,569	5,727
33 RATE OF RETURN - %	PPRTR	17.36	14.27	17.29	12.77
34 CLASS RATE IN % OF TOTAL	PPCLRT	107.3	88.2	106.9	78.9
35 SAME AT PRESENT RATES	PRCLRT	108.1	83.8	106.8	83.3

PENNSYLVANIA POWER & LIGHT COMPANY

FUNCTIONALIZATION & ASSIGNMENT OF CERTAIN RATE BASE, OPERATING REVENUE AND OPERATING EXPENSE ITEMS

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

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This section groups and assigns to functional categories those items of rate base, operating revenue and operating expense which cannot be entered directly from Exhibit Historic 1 into the cost allocation studies. Wherever appropriate, classification of accounts are also shown.

The distribution plant assignments are shown on page 5. It was not feasible to analyze directly the accounts as of July 31, 1982. Accordingly, the results of an analysis of the accounts as of December 31, 1981 were applied to the July 31, 1982 account investments. The distribution expense assignments, shown on pages 15 and 16, were developed in a similar manner.

The tables following have been organized and referenced to the extent possible, to show the full development of computer program inputs from Historic 1.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant In Service
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Account Numbers			Reference
Intangible Plant	Q95			$ 645	DSH 1, Section 3
Production Plant	Q10			$1,231,521	DSH 1, Section 3
Transmission Plant	Q20			$ 376,470	DSH 1, Section 3
Distribution Plant					
Land		360.2	$ 6,247		
Land Rights		360.4	44,691		
Structures & Improvements		361	15,814		
Station Equipment		362	128,505		
Poles-Towers & Fixtures		364	329,490		
Overhead Conductors & Devices		365	209,795		
Underground Conduit		366	24,728		
Underground Conductors & Devices		367	44,126		
Line Transformers		368	136,833		
Services		369	101,039		
Meters		370	45,133		
Area Lighting Fixtures		371	2,383		
Street Lighting		373	21,680		
Total Distribution Plant				$1,110,464	DSH 1, Section 3
General Plant	Q88			$ 104,824	DSH 1, Section 3
Total Electric Plant in Service				$2,823,924	DSH 1, Section 3

PENNSYLVANIA POWER & LIGHT COMPANY

Subfunctionalization of Distribution Plant In Service
% of Account Total

Historic Period - Year Ended July 31, 1982

Future Period - Year Ending July 31, 1983

	Land 360.2	Land Rights 360.4	Structures &Improv. 361	Station Equip. 362	Poles Tower &Fixtures 364	O.H. Cond. &Devices 365	U.G. Conduit 366	U.G. Cond. &Devices 367	Line Transf. 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Distribution Plant													
Substations													
Generation Step-up	0.25%	0.00%	0.27%	0.39%									
66/138KV	0.55	0.00	2.36	2.92									
Primary	54.99	0.04	67.83	68.51									
Secondary	5.38	0.07	29.54	28.18									
	61.17	0.11											
Overhead Lines													
66/138KV	30.10	43.12			24.13%	22.60%							
Primary	2.46	15.37			19.78	24.33							
Secondary-Demand Comp.	1.24	7.75			9.22	13.47							
Secondary-Customer Comp.	4.52	28.22			39.53	39.60							
Street Lighting	0.51	3.20			7.34								
	38.83	97.66											
Underground Lines													
66/138KV							5.58%	6.06%					
Primary		0.22					9.44	9.39					
Secondary-Demand Comp.		0.99					41.85	41.64					
Secondary-Customer Comp.		1.02					43.13	42.91					
		2.23											
Line Transformers													
Demand Component									87.58%				
Customer Component									12.42				
Services													
Demand Component										25.00%			
Customer Component										75.00			
Meters											100.0%		
Area Lighting Fixtures												100.0%	
Street Lighting													100.0%
Total Distribution Plant	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

NOTE: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Plant in Service
to Subfunctional Categories
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Distribution Plant										
Substations										
Generation Step-up	Q26	$ 560	$ 16	$ 0	$ 43	$ 501				
66/138KV	Q27	4,159	34	0	373	3,752				
Primary	Q28	102,219	3,435	18	10,727	88,039				
Secondary	Q29	41,251	336	31	4,671	36,213				
Total Substations		$ 148,189								
Overhead Lines										
66/138KV	Q31	$ 148,071	1,880	19,271			$ 79,506	$ 47,414		
Primary	Q32	123,239	154	6,869			65,173	51,043		
Secondary-Demand Comp.	Q33	62,180	78	3,464			30,379	28,259		
Secondary-Customer Comp.	Q34	226,220	282	12,612			130,247	83,079		
Street Lighting	Q35	25,647	32	1,430			24,185			
Total Overhead Lines		$ 585,357								
Underground Lines										
66/138KV	Q36	$ 4,054							$ 1,380	$ 2,674
Primary	Q37A	6,575		98					2,334	4,143
Secondary-Demand Comp.	Q37	29,165		442					10,349	18,374
Secondary-Customer Comp.	Q38	30,056		456					10,665	18,935
Total Underground Lines		$ 69,850								
Account Totals			$ 6,247	$ 44,691	$15,814	$128,505	$329,490	$209,795	$24,728	$44,126

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	Q39	$ 119,838	$119,838				
Customer Component	Q40	16,995	16,995				
Total Line Transformers		$ 136,833					
Services							
Demand Component	Q41	$ 25,260		$ 25,260			
Customer Component	Q42	75,779		75,779			
Total Services		$ 101,039					
Meters	Q43	$ 45,133			$45,133		
Area Lighting Fixtures	Q44	$ 2,383				$ 2,383	
Street Lighting	Q46	$ 21,680					$ 21,680
Total Distribution Plant or Accounts		$1,110,464	$136,833	$101,039	$45,133	$ 2,383	$ 21,680

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

Reserve for Depreciation
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Account Numbers			Reference
Production Function	H10			$400,777	DSH 1, Section 3
Transmission Function	H20			$ 72,339	DSH 1, Section 3
Distribution Function					
Land		360.2	0		
Land Rights		360.4	$12,454		
Structures & Improvements		361	3,949		
Station Equipment		362	29,466		
Poles-Towers & Fixtures		364	74,120		
Overhead Conductors & Devices		365	64,399		
Underground Conduit		366	4,253		
Underground Conductors & Devices		367	9,113		
Line Transformers		368	42,224		
Services		369	35,541		
Meters		370	16,403		
Area Lighting Fixtures		371	911		
Street Lighting		373	10,936		
Total Distribution Function				$303,769	DSH 1, Section 3
General Function	H88			$ 24,223	DSH 1, Section 3
Total Reserve for Depreciation				$801,108	DSH 1, Section 3

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Reserve for Depreciation to Subfunctional Categories
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Distribution Plant										
Substations										
Generation Step-up	H26	$ 126			$ 11	$ 115				
66/138KV	H27	953			93	860				
Primary	H28	22,871		$ 5	2,679	20,187				
Secondary	H29	9,479		9	1,166	8,304				
Total Substations		$ 33,429								
Overhead Lines										
66/138KV	H31	$ 37,809		5,370			$ 17,885	$ 14,554		
Primary	H32	32,243		1,914			14,661	15,668		
Secondary-Demand Comp.	H33	16,474		965			6,834	8,675		
Secondary-Customer Comp.	H34	58,317		3,515			29,300	25,502		
Street Lighting	H35	5,839		399			5,440			
Total Overhead Lines		$ 150,682								
Underground Lines										
66/138KV	H36	$ 789							$ 237	$ 552
Primary	H37A	1,285		27					402	856
Secondary-Demand Comp.	H37	5,698		123					1,780	3,795
Secondary-Customer Comp.	H38	5,871		127					1,834	3,910
Total Underground Lines		$ 13,643								
Account Totals			0	$12,454	$ 3,949	$ 29,466	$ 74,120	$ 64,399	$ 4,253	$ 9,113

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	H39	$ 36,980	$36,980				
Customer Component	H40	5,244	5,244				
Total Line Transformers		$ 42,224					
Services							
Demand Component	H41	$ 8,885		$ 8,885			
Customer Component	H42	26,656		26,656			
Total Services		$ 35,541					
Meters	H43	$ 16,403			$16,403		
Area Lighting Fixtures	H44	$ 911				$ 911	
Street Lighting	H46	$ 10,936					$ 10,936
Total Distribution Plant or Accounts		$ 303,769	$42,224	$35,541	$16,403	$ 911	$ 10,936

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Other Operating Revenues

Historic Period - Year Ended July 31, 1982

Forfeited Discounts Account 450	PUC		FERC	Total	
Actual	$2,954,137		$78,418	$ 3,032,555	(1)
Adjustment	309,354	(2)	8,212	317,566	
Proforma	$3,263,491	(2)	$86,630	$ 3,350,121	
				S11	

		Rent from Electric Property Account 454 $(1,000's)		Other Electric Revenues Account 456 ($1,000's)	
Function		Input	Amount	Input	Amount
1.	Production	-	-	S20A	$ 597
2.	Transmission	S13	$1,080	S20B	1,902
3.	Distribution	S14	3,760	S20C	259
4.	Transmission/Distribution	S15	31	-	-
5.	General	S16	240	S20D	19
6.	Customer Accounts	-	-	S20E	155
7.	Total Account (1)		$5,111		$2,932

(1) Total Accounts 450, 454 and 456 from Exhibit Reg. III-D-13.

(2) Adjustment to bring actual (per books) to current rate level.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Pennsylvania Jurisdictional Rate Revenues To Customer Classes

Historic Period - Year Ended July 31, 1982
($1,000's)

Rate Class	Present Revenues Rate	Present Revenues Energy Adjustment	Present Revenues Total	Proposed Revenues Rate
RS	$ 436,453	$ 27,479	$ 463,932	$ 558,989
GS-1	76,718	3,370	80,088	98,044
GS-3	196,137	12,934	209,071	252,300
LP-4	123,464	10,175	133,639	159,780
LP-5	41,601	3,892	45,493	53,730
LP-6	111,976	11,564	123,540	146,052
GH	55,449	3,903	59,352	72,300
SL/AL	16,125	448	16,573	19,908
Total PUC	$1,057,923	$ 73,765	$ 1,131,688	$1,361,103
Late Payment Charge			$ 3,263	$ 3,900
Other Electric Revenue			8,030	8,030
Annualization			7,192	8,648
Total (1)			$ 1,150,173	$1,381,681

(1) Historic 1, D-1.

ANNUALIZATION ADJUSTMENT BY RATE CLASS

RATE CLASS	(1) KWH SALES ADJUSTMENT 1/	(2) BASE RATE REVENUE ADJUSTMENT 1/ ($)	(3) ECR ADJUSTMENT 2/ 3.335 MILLS * (1) ($)	(4) TOTAL BASE RATE REVENUE AND ECR ADJUSTMENTS (2) + (3) ($)	(5) TOTAL BASE RATE REV., ECR AND LATE PAYMENT ADJUSTMENTS ($)
RS	70,562,203	3,372,419	235,325	3,607,744	3,618,208
GS-1	-1,689,625	-104,603	-5,635	-110,238	-110,558
GS-3	58,186,439	3,274,744	194,052	3,468,796	3,478,857
LP-4	45,725,195	1,956,188	152,494	2,108,682	2,114,798
LP-5	7,817,904	403,766	26,073	429,839	431,086
LP-6	-3,992,544	-101,574	-13,315	-114,889	-115,222
GH	-50,863,340	-2,384,256	-169,629	-2,553,885	-2,561,293
SL/AL	2,717,511	326,357	9,063	335,420	336,393
TOTAL	128,463,743	6,743,041	428,428	7,171,469	7,192,270

1/ FROM ATTACHMENT III-D-8.

2/ 17.300 (REFERENCE D-4)
-14.115

3.185 / .9550 = 3.335

NOTE: PROPOSED REVENUE ANNUALIZATION OF $8,648,638 BASED ON EXHIBIT HISTORIC 1, D-3 VALUE OF $9,045,205 LESS $396,567 REFRESENTING ADJUSTMENT FOR ECR LEVEL ASSIGNED TO RATE CLASSES PER COLUMN (5).

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Production Operation & Maintenance Expense
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Amount	Reference
a. Purchased Power			
Interchange - Net Interchange Delivered	EP2	$ (238,705)	Historic 1, B-4
- Installed Capacity	G08	(555)	Historic 1, B-4
Net Interchange		$ (239,260)	Historic 1,B-4
Purchased Power - Firm			
- Safe Harbor	EP3	$ 3,273	Regs.III-D-6
- Borderline Service	EP4	26	Regs.III-D-6
Total		$ 3,299	Historic 1,B-4
b. Fuel	G09	$ 655,317	Historic 1,B-4
c. Other Production Expense			
Demand	G11	$ 48,882	Section A, Page 11
Energy	G12	$ 60,076	Section A, Page 11
Total		$ 528,314	

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Production Expense
Other Than Direct Energy Costs
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

Account		Total		Demand Related	Energy Related
500	Steam Operation-Supv. & Eng.	$ 4,466		$ 4,466	
502	Steam Expenses	10,473		10,473	
505	Steam Electric Expenses	3,310		3,310	
506	Steam Misc. Power Expenses	12,787		12,787	
507	Steam-Rents	552		552	
510	Steam Maint. - Supv. & Eng.	1,711			$ 1,711
511	Steam Maint. - Structures	3,747		3,747	
512	Steam Maint. - Boiler Plant	42,059			42,059
513	Steam Maint. - Electric Plant	13,482			13,482
514	Steam Maint. - Miscellaneous	3,271		3,271	
535	Hydraulic Operation- Supv. & Eng.	675		675	
536	Water for Power	52		52	
537	Hydraulic Expenses	633		633	
538	Hydraulic Electric Expenses	525		525	
539	Hydraulic Miscellaneous Expenses	611		611	
540	Hydraulic Rents	2		2	
541	Hydraulic Maint. - Supv. & Eng.	95		95	
542	Hydraulic Maint. - Structures	369		369	
543	Hydraulic Maint. - Reservoirs, etc.	1,323		1,323	
544	Hydraulic Maint. - Electric Plant	328			328
545	Hydraulic Maint. - Miscellaneous	525		525	
546	Other Power Gen.-Supv. & Eng.	127		127	
548	Other Power - Generation Expenses	106		106	
549	Other Power - Misc. Generation Expenses	43		43	
550	Other Power - Rents	857		857	
551	Other Power Gen.-Maint. Supv. & Eng.	114		114	
552	Other Power-Maint. of Structures, etc.	194		194	
553	Other Power-Maint. of Generation Plant	1,530		1,530	
556	System Control and Load Dispatching	3,225		1,612	1,613
557	Other Power Supply - Other Expenses	1,766		883	883
	Total	$108,958	(1)	$48,882	$60,076
				G11	G12

(1) From Historic 1, B-4

PENNSYLVANIA POWER & LIGHT COMPANY

Production Payroll
Direct Energy Costs
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

Account		Total	Demand Related	Energy Related
500	Steam Operation-Supv. & Eng.	$ 3,074	$ 3,074	
501	Fuel	2,328		$ 2,328
502	Steam Expenses	7,092	7,092	
505	Steam Electric Expenses	2,912	2,912	
506	Steam-Misc. Power Expenses	5,955	5,955	
510	Steam Maint.-Supv. & Eng.	1,281		1,281
511	Steam Maint.-Structures	1,365	1,365	
512	Steam Maint.-Boiler Plant	11,691		11,691
513	Steam Maint.-Electric Plant	3,686		3,686
514	Steam Maint.-Miscellaneous	1,107	1,107	
535	Hydraulic Operation-Supv. & Eng.	154	154	
537	Hydraulic Expenses	227	227	
538	Hydraulic Electric Expenses	510	510	
539	Hydraulic Miscellaneous Expenses	280	280	
541	Hydraulic Maint. -Supv. & Eng.	73	73	
542	Hydraulic Maint. -Structures	92	92	
543	Hydraulic Maint. -Reservoirs, etc.	216	216	
544	Hydraulic Maint. -Electric Plant	214		214
545	Hydraulic Maint. -Miscellaneous	147	147	
546	Other Power Gen. -Operation Supv. & Eng.	113	113	
548	Other Power -Generation Expenses	55	55	
549	Other Power -Misc. Generation Expenses	10	10	
551	Other Power Gen.-Maintenance Supv. & Eng.	100	100	
552	Other Power -Maint.of Structures,etc.	59	59	
553	Other Power -Maint. of Generation Plant	219	219	
556	System Control and Load Dispatching	1,985	992	993
557	Other Power Supply - Other Expenses	1	1	0
	Total Production Payroll	$44,946	$24,753	$20,193
		K910	KB900	KB902

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Operation Expense Accounts
% of Account Total

Historic Period - Year Ended July 31, 1982

Future Period - Year Ending July 31, 1983

	FERC Accounts				
	580	581	582	583	584
Distribution Function					
Substations					
Generation Step-Up	0.04%	0.08%	0.41%		
66-138KV	0.34	0.54	2.78		
Primary	8.11	13.08	68.97		
Secondary	3.30	5.28	27.84		
Overhead Lines					
66/138KV	1.92	18.36		25.30%	
Primary	1.63	15.30		21.04	
Secondary-Demand Comp.	0.80	7.71		10.63	
Secondary-Customer Comp.	2.97	28.04		38.66	
Street Lighting	0.34	3.18		4.37	
Underground Lines					
66/138KV	0.21	0.46			5.81%
Primary	0.34	0.80			9.40
Secondary-Demand Comp.	1.42	3.52			41.71
Secondary-Customer Comp.	1.46	3.65			43.08
Account Totals		100.0%	100.0%	100.0%	100.0%

	FERC Accounts				
	585	586	587	588	589
Misc. Dist. Expense & Rents	30.82			100.0%	100.0%
Meters	24.80		100.0%		
Street Lighting	1.51	100.0%			
Customer Installations	19.99			100.0%	
Account Totals	100.0%	100.0%	100.0%	100.0%	100.0%

Note: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Maintenance Expense Accounts
% of Account Total

Historic Period – Year Ended July 31, 1982

Future Period – Year Ending July 31, 1983

	FERC Accounts				
	590	591	592	593	594
Distribution Function					
Substations					
Generation Step-Up	0.06%	0.45%	0.38%		
66-138KV	0.44	2.95	2.80		
Primary	10.50	68.93	68.97		
Secondary	4.27	27.67	27.85		
Overhead Lines					
66/138KV	14.46			25.30%	
Primary	12.01			21.05	
Secondary-Demand Comp.	6.10			10.62	
Secondary-Customer Comp.	22.12			38.65	
Street Lighting	2.51			4.38	
Underground Lines					
66/138KV	0.50				5.76%
Primary	0.75				9.43
Secondary-Demand Comp.	3.46				41.77
Secondary-Customer Comp.	3.52				43.04
Account Totals		100.0%	100.0%	100.0%	100.0%

	FERC Accounts				
		595	596	597	598
Line Transformers					
Demand Component	8.80	87.58%			
Customer Component	1.26	12.42			
Misc. Dist. Expense & Rents					
Meters	5.09			100.0%	
Street Lighting	4.15		100.0%		100.0%
Customer Installations					
Account Totals	100.0%	100.0%	100.0%	100.0%	100.0%

Note: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Operation Expense
Accounts to Subfunctional Categories

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Total	FERC Accounts 580	581	582	583	584
Distribution Function							
Substations							
Generation Step-Up	G26	$ 29	$ 1	$ 2	$ 9		
66/138 KV	G27	206	10	13	60		
Primary	G28	5,046	226	316	1,483		
Secondary	G29	2,038	92	128	598		
Total Substations		$ 7,319	329				
Overhead Lines							
66/138 KV	G31	$ 8,026	54	444		$ 775	
Primary	G32	6,677	45	370		644	
Secondary-Demand Comp.	G33	3,369	22	186		325	
Secondary-Customer Comp.	G34	12,263	83	678		1,184	
Street Lighting	G35	1,390	10	77		134	
Total Overhead Lines		$31,725	214				
Underground Lines							
66/138KV	G36	$ 191	6	11			$ 32
Primary	G37A	311	9	19			52
Secondary-Demand Comp.	G37	1,378	40	85			230
Secondary-Customer Comp.	G38	1,421	41	88			252
Total Underground Lines		$ 3,301	96				
Account Totals				$2,417	$2,150	$3,062	$ 552

	Input	Total	FERC Accounts 585	586	587	588	589
Line Transformers							
Demand Component	G39	$ 2,757					
Customer Component	G40	391					
Total Line Transformers		$ 3,148					
Misc. Dist. Expense & Rents	G41	$ 8,389	859			$5,975	$1,555
Meters	G43	$ 5,320	691	$3,278			
Street Lighting	G46	$ 1,958	42	$ 436			
Customer Installations	G47	$ 3,403	557		$2,846		
Total Distribution Function or Accounts		$64,563	$2,788	$ 436	$3,278	$2,846	$5,975	$1,555

Note: Functionalization on basis of percentages shown on Section A, Page 13.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Maintenance Expense Accounts to Subfunctional Categories

Historic Period - Year Ended July 31, 1982 ($1,000's)

	FERC Accounts				
	590	591	592	593	594
Distribution Function					
Substations					
Generation Step-Up	$ 1	$ 2	$ 14		
66/138KV	8	15	100		
Primary	189	353	2,479		
Secondary	77	142	1,001		
	$ 275				
Overhead Lines					
66/138KV	$ 260			$ 6,493	
Primary	216			5,402	
Secondary-Demand Comp.	110			2,726	
Secondary-Customer Comp.	398			9,920	
Street Lighting	45			1,124	
	$1,029				
Underground Lines					
66/138KV	$ 9				$ 133
Primary	14				217
Secondary-Demand Comp.	62				961
Secondary-Customer Comp.	63				991
	$ 148				
Account Totals		$ 512	$3,594	$25,665	$2,302

	FERC Accounts			
	595	596	597	598
Line Transformers				
Demand Component	$ 159	$2,598		
Customer Component	23	368		
	$ 182			
Misc. Dist. Expense & Rents				
Meters	92		$ 1,259	
Street Lighting	75	$1,142		$ 263
Customer Installations				
Account Totals	$1,801	$2,966	$1,142	$ 1,259	$ 263

Note: Functionalization on basis of percentages shown on Section A, Page 14.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Customer Accounts Expense
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

Accounts		Total	Meters	Customer Accounts
901	Supervision	$ 494	$ 0	$ 494
902	Meter Reading Expense	5,588	5,588	0
903	Customer Records & Collection Expense	13,601	0	13,601
904	Uncollectible Accounts	4,509	0	4,509
905	Misc. Customer Accounts Expense	737	0	737
	Total Customer Accounts Expense	$24,929(1)	$5,588	$19,341
			G50	G55

(1) From Historic 1, B-4

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Administrative & General Expenses
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Expense	Reference
Account 928 - Regulatory Commission			
PUC - Regulatory Expense	G70	$ 120	Historic 1, D-7
FERC - Regulatory Expense	G71	40	Historic 1, D-7
Total Regulatory Commission Expense		$ 160	Historic 1, D-7
Account 924 - Property Insurance	G72	$ 3,062	Historic 1, B-4
Other Administrative & General Accounts	G74	$62,699	Historic 1, B-4
Total Administrative & General Expenses		$65,921	

PENNSYLVANIA POWER & LIGHT COMPANY

Depreciation Expense
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Account Numbers		Reference
Production Function	GD10		$ 42,195	DSH 1, Section 3
Transmission Function	GD20		$ 8,038	DSH 1, Section 3
Distribution Function				
Land		360.2	0	
Land Rights		360.4	$ 1,090	
Structures & Improvements		361	452	
Station Equipment		362	3,758	
Poles-Towers & Fixtures		364	10,784	
Overhead Conductors & Devices		365	7,771	
Underground Conduit		366	412	
Underground Conductors & Devices		367	1,261	
Line Transformers		368	5,450	
Services		369	6,269	
Meters		370	1,648	
Area Lighting Fixtures		371	238	
Street Lighting		373	1,205	
Total Distribution Function			$ 40,338	DSH 1, Section 3
General Function	GD88		$ 2,715	DSH 1, Section 3
Total Depreciation Expense			$ 93,286	DSH 1, Section 3

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Depreciation Expense to Subfunctional Categories
Total Electric Department

Historic Period - Year Ended July 31, 1982
($1,000's)

	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Distribution Plant										
Substations										
Generation Step-up	GD26	$ 16			$ 1	$ 15				
66/138KV	GD27	121			11	110				
Primary	GD28	2,881			307	2,574				
Secondary	GD29	1,193		$ 1	133	1,059				
Total Substations		$ 4,211								
Overhead Lines										
66/138KV	GD31	$ 4,828		470			$ 2,602	$ 1,756		
Primary	GD32	4,192		168			2,133	1,891		
Secondary-Demand Comp.	GD33	2,125		84			994	1,047		
Secondary-Customer Comp.	GD34	7,648		308			4,263	3,077		
Street Lighting	GD35	827		35			792			
Total Overhead Lines		$ 19,620								
Underground Lines										
66/138KV	GD36	$ 100							$ 23	$ 77
Primary	GD37A	159		2					39	118
Secondary-Demand Comp.	GD37	708		11					172	525
Secondary-Customer Comp.	GD38	730		11					178	541
Total Underground Lines		$ 1,697								
Account Totals			0	$ 1,090	$ 452	$ 3,758	$ 10,784	$ 7,771	$ 412	$ 1,261

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	GD39	$ 4,773	$ 4,773				
Customer Component	GD40	677	677				
Total Line Transformers		$ 5,450					
Services							
Demand Component	GD41	$ 1,567		$ 1,567			
Customer Component	GD42	4,702		4,702			
Total Services		$ 6,269					
Meters	GD43	$ 1,648			$ 1,648		
Area Lighting Fixtures	GD44	$ 238				$ 238	
Street Lighting	GD46	$ 1,205					$ 1,204
Total Distribution Plant or Accounts		$ 40,338	$ 5,450	$ 6,269	$ 1,648	$ 238	$ 1,205

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

ALLOCATION FACTORS

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

Index	Pages
Index and Description	1
Customer Class Designations and Abbreviations	2
Alphabetical Listing of Allocation Factors	3 to 6
Development of Specific Allocation Factors	
a. Customer Related	
(1) Numbers of Customers	7
(2) Meter Investment (CW1)	8
(3) Customer Accounts Expense (CW4)	9
(4) Customer Deposits (CW5)	10
(5) Late Payment Charge (CW7)	10
(6) Customer Advances for Construction (CW8)	10
(7) Line Transformer Customer Component (CW9)	11
b. Wage and Salary Allocators	
(1) Assignment to FERC System Supply Customers	12
(2) Pennsylvania Jurisdictional Allocation	13, 14
c. Energy Related	
(1) U10 and U15	15
(2) Energy Loss Factors	16
(3) Energy Reconciliation	17
d. Demand Related	
(1) Monthly Peak Responsibility	18
(2) Other Demand Allocators	19, 20
(3) Demand Development	21

This section lists the Rate Schedules that make up the Rate Classes used in the jurisdictional studies (page 2) and all the allocation factors used in the studies (pages 3 to 6). Generally, allocators fall into three classes—Direct Assignments, Program Generated and Calculated (Energy, Demand and Customer Related). The development of specific calculated allocators are shown on pages 7 to 21.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB 2

CUSTOMER CLASS DESIGNATIONS & ABBREVIATIONS

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

Rate Classes	Abbreviations	PUC Jurisdictional Rate Schedules
Residential Total	RS	RS, RTS, RX
Small General Service	GS-1	GS-1, BL
Large General Service - Secondary	GS-3	GS-3
Large General Service - 12 KV	LP-4	LP-4
Large General Service - 66 KV	LP-5	LP-5
Large General Service - 66 KV 10 MW Min	LP-6	LP-6
Commercial & Industrial Heating	GH	H-1, GH-2, GH-4
Street and Area Lighting	SL/AL	SA, SM, SHS TS, SI1, SI4, SI6
Resale 66 KV	RES66	
Resale 12 KV	RES12	
UGI - Luzerne Div.	UGI	
Company Use	COUSE	
Interdepartmental 1/	INTDP	

1/For cost allocation purposes INTDP is included with GS-3.

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Historic Period - Year Ended July 31, 1982

Code	Name	Reference Section - Page	
AT1	Combined Production, Transmission and Distribution Plant	III	2
AT2	Combined Transmission and Distribution Plant	III	2
AT3	Distribution Plant - Secondary	III	2
C10	Customers - Total	B	7
C30	Customers - Secondary	B	7
C31	Customers - Secondary Services	B	7
CW1	Meter Investment	B	8
CW4	Customer Accounts Expense	B	9
CW5	Customer Deposits	B	10
CW7	Late Payment Charge	B	10
CW8	Customer Advances for Construction	B	10
CW9	Line Transformer Customer Component	B	11
D10	Demand at Generation Level	B	18
D20	Demand - Primary Customers and Below	B	18
D30	Demand - Secondary Customers	B	18
D31	Demand - Secondary Services	B	18

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Historic Period - Year Ended July 31, 1982

Code	Name	Reference Section - Page	
ED00	Depreciation Expense-Total	III	34
ET1	Capital Stock Tax	III	36
K401	100% to Pennsylvania Jurisdiction	III	14
K433	Total Wages and Salaries-General Plant	III	15
K939	Total Wages and Salaries-Wage Expense Adj. and Payroll Taxes	III	15
K929	Total Wages and Salaries-Administrative and General	III	15
P10	Production Plant Function-Total	III	2
P20	Transmission Plant Function-Total	III	2
P26	Generation Step-up Substations Plant	III	2
P27	66/138KV Substations Plant	III	2

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Historic Period - Year Ended July 31, 1982

Code	Name	Reference Section - Page	
P28	Primary Substations Plant	III	2
P29	Secondary Substations Plant	III	2
P31	66/138KV Overhead Lines Plant	III	2
P32	Primary Overhead Lines Plant	III	2
P33	Demand Component-Secondary Overhead Lines Plant	III	2
P34	Customer Component-Secondary Overhead Lines Plant	III	2
P35	Street Lighting Overhead Lines Plant	III	2
P36	66/138KV Underground Lines Plant	III	2
P37A	Primary Underground Lines Plant	III	2
P37	Demand Component-Secondary Underground Lines Plant	III	2
P38	Customer Component-Secondary Underground Lines Plant	III	2
P39	Demand Component-Line Transformers Plant	III	2
P40	Customer Component-Line Transformers Plant	III	2
P41	Demand Component-Secondary Services Plant	III	2
P42	Customer Component-Secondary Services Plant	III	2
P43	Meter Plant Investment	III	2

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Historic Period - Year Ended July 31, 1982

Code	Name	Reference Section - Page	
P44	Area Lighting Fixtures Plant Investment	III	2
P46	Street Lighting Plant Investment	III	2
P88	Total General Plant	III	2
P0L	Total Overhead Distr. Lines Plant	III	2
P01	Net Plant in Service	III	3
P00	Electric Plant-Total	III	2
RBX	Rate Base	III	26
TXD21	Amortization of Property Loss	III	38
U10	Energy at Generation Level	B	15
U15	Energy at Sales Level	B	15
WCAP	Expenses Applicable for Working Capital-Total	III	5
XP1	Street Lighting Plant	III	44
XP2	Area Lighting Plant	III	44
XP3	Resale Customers-Primary and Transmission	B	7

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Customer Allocation Factors

Historic Period - Year Ended July 31, 1982

Rate Class	Resale Customers XP3	Total Customers C-10	Secondary Custs.C-30	Secondary Custs. C-31
RS		888,003	888,003	888,003
GS-1		99,694	99,694	99,694
GS-3		11,524	11,524	11,524
LP-4		673	0	0
LP-5		80	0	0
LP-6		28	0	0
GH		5,907	5,907	5,907
SL/AL		713	713	0
Total PUC		1,006,622	1,005,841	1,005,128
RES66	6	6	0	0
RES12	9	9	0	0
UGI	1	1	0	0
Total	16	1,006,638	1,005,841	1,005,128

Note: From Exhibit Historic 1, D-3.

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Allocation Factor for Meter Investment (CW1)

Historic Period - Year Ended July 31, 1982

Rate Class	(Col.1) Average Investment Per Customer	(Col.2) Customers (1)	(Col.3) Alloc.Factor (Col.1 x Col.2)	(Col.4) Assignment of Meter Investment (CW1) ($1,000's)
RS	$ 22	888,003	$19,536,066	$ 29,510 (3)
GS-1	67	99,694	6,679,498	10,090
GS-3	129	11,524	1,486,596	2,245
LP-4	2,000	673	1,346,000	2,033
LP-5	3,358	80	268,640	406
LP-6	4,706	28	131,768	199
GH	67	5,907	395,769	598
SL/AL	0	713	0	0
Total PUC		1,006,622	$29,844,337	$ 45,081
RES66				32
RES12				20
UGI				0
Total				$ 45,133 (2)

(1) From Section B, Page 7.
(2) From Section A, Page 3 (Account 370).
(3) For example, CW1 for RS = ($45,081 ÷ $29,844) x $19,536 = $29,510.

PENNSYLVANIA POWER & LIGHT COMPANY

Allocation Factor Customer Accounts Expense (CW4)
(Less Meter Reading Account 902 Expense)

Historic Period - Year Ended July 31, 1982

Rate Class	Number of Customers	Expense Per Customer ($)	Total Expense (CW4) ($1,000's)
RS	888,003	19.195329	$ 17,046
GS-1	99,694	19.195329	1,914
GS-3 (1 Meter)	11,111	19.195329	213
GS-3 (2 Meters)	413	38.390658	16
LP-4 (1 Meter)	480	19.195329	9
LP-4 (2 Meters)	193	38.390658	7
LP-5	80	77.00	6
LP-6	28	77.00	2
GH	5,907	19.195329	113
SL/AL	713	19.195329	14
Total PUC	1,006,622		$ 19,340
RES66	6	77.00	0
RES12	9	77.00	1
UGI	1	77.00	0
Total	1,006,638		$ 19,341

Notes:

1. The expense per customer of $77.00 for LP-5, LP-6 and Resale is based on current estimates. This value times the respective number of customers totals $9 thousand.

2. The expense of $19,341 (Section A, page 18) less $9 for LP-5, LP-6 and Resale gives $19,332 for the remaining PUC classes.

3. GS-3 and LP-4 customers are of two types. Some have total requirements measured by 1 meter. The rest have a separate instrument to record time of day demands. These are attributed double expense to reflect those conditions. Accordingly, total PUC customers except LP-5 and LP-6 (1,006,514) are increased by the two-meter customers in GS-3 (413) and LP-4 (193) classes to give 1,007,120 total meters for allocation purposes.

4. The per meter expense figure would then be $19,332 ÷ 1,007,120 = $19.195329 for all classes except LP-5, LP-6 and Resale with the two-meter GS-3 and LP-4 customers being assigned double expense.

PENNSYLVANIA POWER & LIGHT COMPANY

Customer Deposits Allocation Factor (CW5)
Late Payment Charge Allocation Factor (CW7)
Direct Assignment of Customer Advances for Construction (CW8)

Historic Period - Year Ended Juy 31, 1982
Future Period - Year Ending July 31, 1983
($1,000's)

Rate Class	Amount	CW5(1)	Amount	CW7(2)	CW8(3)
RS	$ 281,936	$ 282	$1,104,390	$1,104	$358
GS-1	791,047	791	693,767	694	72
GS-3	536,914	537	639,375	639	203
LP-4	62,450	62	186,772	187	11
LP-5	53,000	53	32,632	33	0
LP-6	0	0	28,384	28	27
GH	94,220	94	138,407	139	1
SL/AL	1,652	2	39,312	39	17
Total PUC	$1,821,219	$1,821	$2,863,039	$2,863	$689
RES66	0	0	40,130	40	0
RES12	0	0	35,475	36	0
UGI	0	0	0	0	0
Total	$1,821,219	$1,821	$2,938,644	$2,939	$689

(1) Per study of customer deposits by rate class for 12 months ended July 1982.

(2) Per study of late payment charges by rate class for 12 months ended July 1982.

(3) Per study of Account 252 (Customer Advances for Construction).

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant in Service

Assignment of Line Transformer Customer Component (CW9)

Year Ended - December 31, 1981

Customer Component - Line Transformers

Rate Class	Customers(1)	Line Transformer Customers	Cust.Comp.(2) (CW9)
RS	888,029	888,029	$ 14,457,112
GS-1	99,499	99,499	1,619,844
GS-3	11,435	11,435	186,162
LP-4	666	0	--
LP-5	77	0	--
LP-6	29	0	--
GH	6,113	2,403(3)	39,121
SL/AL	706	706	11,494
Resale & UGI	16	0	--
Total Cust. Comp.	1,006,570	1,002,072	$ 16,313,733

(1) Number of customers at December 31, 1981.

(2) Based on $131,370,308, Account 368-Line Transformers (1981 Form 1, Page 203), divided by 8,067,000 KVA capacity in customer use (1981 Form 1, Page 427) = $16.28/KVA times 1 KVA per customer.

(3) Excludes GH-2 since their main services are included with other rate schedules (6,113 - 3,710 = 2,403).

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

HISTORIC TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES									
2 PRODUCTION									
3 DEMAND RELATED	K900	P10	K901	24,753	426	188	413	1,027	23,726
4 ENERGY RELATED	K902	U10	K903	20,193	319	153	253	725	19,468
5 TRANSMISSION	K904	P20	K905	4,190	72	32	70	174	4,016
6 DISTRIBUTION	K906	P30	K907	26,051	64	80	62	206	25,845
7 CUSTOMER ACCTS	K920	CW4	K921	11,492	0	1	0	1	11,491
8 CUSTOMER SERV & INFO	K922	C10	K923	4,380	0	0	0	0	4,380
9 SALES	K924	K401	K925D	731	0	0	0	0	731
10 SUB-TOTAL			K929	91,790	881	454	798	2,133	89,657
11 ADMIN & GENERAL	K930	K929	K931	22,764	218	113	198	529	22,235
12 TOTAL			K939	114,554	1,099	567	996	2,662	111,892
13 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT									
14 PRODUCTION	K910	P10	K911	44,946	773	341	751	1,865	43,081
15 TRANSMISSION	K904	P20	K905	4,190	72	32	70	174	4,016
16 DISTRIBUTION	K906	P30	K907	26,051	64	80	62	206	25,845
17 CUSTOMER ACCTS	K920	CW4	K921	11,492	0	1	0	1	11,491
18 CUSTOMER SERV & INFO	K922	C10	K923	4,380	0	0	0	0	4,380
19 SALES	K924	K401	K925D	731	0	0	0	0	731
20 TOTAL			K433	91,790	909	454	883	2,246	89,544

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOTAL ELECTRIC DEPARTMENT
2 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES						
3 PRODUCTION						
4 DEMAND RELATED	K900	P10	K901	AJB2	A12	24,753
5 ENERGY RELATED	K902	U10	K903	AJB2	A12	20,193
6 TRANSMISSION	K904	P20	K905	REGSIIIA21		4,190
7 DISTRIBUTION	K906	P30	K907	REGSIIIA21		26,051
8 CUSTOMER ACCTS	K920	CW4	K921	REGSIIIA21		11,492
9 CUSTOMER SERV & INFO	K922	C10	K923	REGSIIIA21		4,380
10 SALES	K924	K401	K925D	REGSIIIA21		731
11 SUB-TOTAL			K929			91,791
12 ADMIN & GENERAL	K930	K929	K931	REGSIIIA21		22,764
13 TOTAL			K939			114,555
14 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT						
15 PRODUCTION	K910	P10	K911	AJB2	A12	44,946
16 TRANSMISSION	K904	P20	K905	REGSIIIA21		4,190
17 DISTRIBUTION	K906	P30	K907	REGSIIIA21		26,051
18 CUSTOMER ACCTS	K920	CW4	K921	REGSIIIA21		11,492
19 CUSTOMER SERV & INFO	K922	C10	K923	REGSIIIA21		4,380
20 SALES	K924	K401	K925D	REGSIIIA21		731
21 TOTAL			K433			91,790

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

JURISDICTIONAL COST ALLOCATION — HISTORIC TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES								
2	PRODUCTION								
3	DEMAND RELATED	K900	D10	K901	23,726	8,560	1,590	4,465	3,225
4	ENERGY RELATED	K902	U10	K903	19,468	7,370	895	3,491	2,680
5	TRANSMISSION	K904	P20	K905	4,016	1,449	269	756	546
6	DISTRIBUTION	K906	P30	K907	25,845	15,511	2,262	3,331	1,418
7	DEMAND COMPONENT			K907D	15,433	7,587	1,214	3,184	1,371
8	CUSTOMER COMPONENT			K907C	10,412	7,924	1,048	147	47
9	CUSTOMER ACCTS	K920	CW4	K921	11,491	10,128	1,137	136	10
10	CUSTOMER SERV & INFO	K922	C10	K923	4,380	3,864	434	50	3
11	SALES	K924	AT1D	K925D	731	292	52	141	89
12	SUB-TOTAL			K929	89,657	47,174	6,639	12,370	7,971
13	DEMAND COMPONENT			K929D	43,906	17,888	3,125	8,546	5,231
14	ENERGY COMPONENT			K929E	19,468	7,370	895	3,491	2,680
15	CUSTOMER COMPONENT			K929C	26,283	21,916	2,619	333	60
16	ADMIN & GENERAL	K930	K929	K931	22,235	11,699	1,647	3,067	1,977
17	DEMAND COMPONENT			K931D	10,888	4,436	775	2,119	1,298
18	ENERGY COMPONENT			K931E	4,828	1,828	222	865	665
19	CUSTOMER COMPONENT			K931C	6,519	5,435	650	82	15
20	TOTAL			K939	111,892	58,873	8,286	15,437	9,948
21	DEMAND COMPONENT			K939D	54,794	22,325	3,899	10,666	6,527
22	ENERGY COMPONENT			K939E	24,296	9,198	1,117	4,356	3,345
23	CUSTOMER COMPONENT			K939C	32,802	27,351	3,269	415	76
24	WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
25	PRODUCTION	K910	D10	K911	43,081	15,543	2,888	8,107	5,855
26	TRANSMISSION	K904	P20	K905	4,016	1,449	269	756	546
27	DISTRIBUTION	K906	P30	K907	25,845	15,511	2,262	3,331	1,418
28	DEMAND COMPONENT			K907D	15,433	7,587	1,214	3,184	1,371
29	CUSTOMER COMPONENT			K907C	10,412	7,924	1,048	147	47
30	CUSTOMER ACCTS	K920	CW4	K921	11,491	10,128	1,137	136	10
31	CUSTOMER SERV & INFO	K922	C10	K923	4,380	3,864	434	50	3
32	SALES	K924	AT1D	K925D	731	292	52	141	89
33	TOTAL			K433	89,544	46,787	7,042	12,521	7,921
34	DEMAND COMPONENT			K433D	63,261	24,871	4,423	12,188	7,861
35	CUSTOMER COMPONENT			K433C	26,283	21,916	2,619	333	60

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1982
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

HISTORIC TEST YEAR

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES							
2 PRODUCTION							
3 DEMAND RELATED	K900	D10	K901	1,208	3,006	1,672	0
4 ENERGY RELATED	K902	U10	K903	993	2,925	993	121
5 TRANSMISSION	K904	P20	K905	204	509	283	0
6 DISTRIBUTION	K906	P30	K907	189	451	1,462	1,221
7 DEMAND COMPONENT			K907D	179	446	1,402	50
8 CUSTOMER COMPONENT			K907C	10	5	60	1,171
9 CUSTOMER ACCTS	K920	CW4	K921	3	2	67	8
10 CUSTOMER SERV & INFO	K922	C10	K923	0	0	26	3
11 SALES	K924	AT1D	K925D	29	71	56	1
12 SUB-TOTAL			K929	2,626	6,964	4,559	1,354
13 DEMAND COMPONENT			K929D	1,620	4,032	3,413	51
14 ENERGY COMPONENT			K929E	993	2,925	993	121
15 CUSTOMER COMPONENT			K929C	13	7	153	1,182
16 ADMIN & GENERAL	K930	K929	K931	651	1,728	1,130	336
17 DEMAND COMPONENT			K931D	401	1,001	846	12
18 ENERGY COMPONENT			K931E	246	726	246	30
19 CUSTOMER COMPONENT			K931C	3	2	38	294
20 TOTAL			K939	3,277	8,692	5,689	1,690
21 DEMAND COMPONENT			K939D	2,022	5,033	4,258	64
22 ENERGY COMPONENT			K939E	1,239	3,651	1,239	151
23 CUSTOMER COMPONENT			K939C	15	9	192	1,475
24 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT							
25 PRODUCTION	K910	D10	K911	2,195	5,457	3,036	0
26 TRANSMISSION	K904	P20	K905	204	509	283	0
27 DISTRIBUTION	K906	P30	K907	189	451	1,462	1,221
28 DEMAND COMPONENT			K907D	179	446	1,402	50
29 CUSTOMER COMPONENT			K907C	10	5	60	1,171
30 CUSTOMER ACCTS	K920	CW4	K921	3	2	67	8
31 CUSTOMER SERV & INFO	K922	C10	K923	0	0	26	3
32 SALES	K924	AT1D	K925D	29	71	56	1
33 TOTAL			K433	2,620	6,490	4,930	1,233
34 DEMAND COMPONENT			K433D	2,607	6,483	4,777	51
35 CUSTOMER COMPONENT			K433C	13	7	153	1,182

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Energy Allocation Factors

Historic Period - Year Ended July 31, 1982

Rate Class	MWH Sales At Customer Level(1)	Annualization Adjustment MWH(2)	(U15) Annualized Sales Customer Level MWH	Loss Factors (Page 16)	(U10) Generation Level MWH
RS	8,239,620	70,562	8,310,182	1.0769899	8,949,982
GS-1	1,010,311	(1,690)	1,008,621	1.0769899	1,086,275
GS-3	3,878,247 (3)	58,186	3,936,433 (4)	1.0769899	4,239,378
LP-4	3,050,921	45,725	3,096,646	1.0513265	3,255,586
LP-5	1,167,079	7,818	1,174,897	1.0256634	1,205,049
LP-6	3,467,560	(3,992)	3,463,568	1.0256634	3,552,455
GH	1,170,271	(50,863)	1,119,408 (5)	1.0769899	1,205,134
SL/AL	134,271	2,718	136,989	1.0769899	147,536
Total PUC	22,118,280	128,464	22,246,744		23,641,395
RES 66	377,703	--	377,703	1.0256634	387,396
RES 12	177,303	--	177,303	1.0513265	186,403
UGI	307,232	--	307,232	--	307,232
Total Sales	22,980,518	128,464	23,108,982		24,522,426
COUSE	228,338	--	228,338	1.0769899	245,918
Total Energy	23,208,856	128,464	23,337,320		24,768,344

Note:
(1) From Exhibit Historic 1, D-3.
(2) From Exhibit Regs. III-D-8.
(3) Includes 2115 MWH INTDP Sales.
(4) Includes 4696 MWH from G6E primary level customers for which a loss factor of 1.0513265 is applied.
(5) Includes 17813 MWH from H3P and H4P primary level customers for which a loss factor of 1.0513265 is applied.

PENNSYLVANIA POWER & LIGHT COMPANY

Calculation Of Annualized Energy Loss Factors By Voltage Levels
12 Months Ended July 1982

		Total	Secondary	12 KV	66 KV	FERC-UGI
1.	Sales (Including Co. Use)(kwh)	23,337,319,835	14,717,461,740	3,296,458,535	5,016,167,560	307,232,000
2.	Assumed Weighting	-	3	2	1	0
3.	Line 1 X Line 2	55,761,469,850	44,152,385,220	6,592,917,070	5,016,167,560	0
4.	% of Total	100.0	79.1808	11.8234	8.9958	
5.	Losses (kwh) (Distributed on Line 4)	1,431,024,402	1,133,096,570	169,195,739	128,732,093	0
6.	Total System Net Output (kwh)	24,768,344,237	15,850,558,310	3,465,654,274	5,144,899,653	307,232,000
7.	Loss Factors (Line 6/Line 1)	1.0613	1.0770	1.0513	1.0257	
8.	Relationship of Calculated Loss Factors (Line 7) to System Average	1.0000	1.0148	.9906	.9665	

NOTE: No losses are attributed to FERC-UGI.
Basic data from Section B, Page 17.

PENNSYLVANIA POWER & LIGHT COMPANY

DISPOSITION OF ENERGY

HISTORIC PERIOD - YEAR ENDED JULY 31, 1982

DISPOSITION OF ENERGY	(1) ACTUAL 1/ (MWH)	(2) ANNUALIZATION ADJUSTMENT (MWH)	(3) ANNUALIZED 2/ (MWH)
SALES TO ULTIMATE CONSUMERS (INCLUDING INTDP)	22,118,280	128,464	22,246,744
SALES FOR RESALE	862,238	0	862,238
TOTAL SALES EXCLUDING COUSE	22,980,518	128,464	23,108,982
ENERGY USED BY COMPANY	228,338	0	228,338
TOTAL SALES INCLUDING COUSE	23,208,856	128,464	23,337,320
ENERGY LOSSES	1,421,663		1,431,024 3/
TOTAL SYSTEM NET OUTPUT	24,630,519		24,768,344

1/ REFERENCE EXHIBIT REGS. III-D-7.

2/ REFERENCE EXHIBIT REGS. III-D-8.

3/ ANNUALIZED SYSTEM ENERGY LOSSES DETERMINED BY RATIO OF ANNUALIZED TO UNANNUALIZED SALES, ADJUSTED FOR UGI AND COMPANY RELATED ENERGY USE.

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Allocation Factors - MW

Monthly Peak Responsibility Method

Historic Period - Year Ended July 31, 1982

Rate Class	Avg. of 12 Contributions to Peak D10	Primary D20	Class Maximum Peak	Secondary D30	Secondary Services D31
RS	1,367	1,367	2,447	2,447	2,447
GS-1	254	254	333	333	333
GS-3	713	713	797	797	797
LP-4	515	515	574	0	0
LP-5	193	0	238	0	0
LP-6	480	0	633	0	0
GH	267	267	428	428	428
SL/AL	0	0	34	34	0
Total PUC	3,789	3,116		4,039	4,005
RES66	68	0		0	0
RES12	30	30		0	0
UGI	66	0		0	0
Total	3,953	3,146		4,039	4,005

NOTE: All of above at generation level.
For description of these data, see Section B, Page 21.

PENNSYLVANIA POWER & LIGHT COMPANY

Production, Transmission and Primary Demand Allocation Factors - MW

Methods Other Than Monthly Peak Responsibility

Historic Period - Year Ended July 31, 1982

Rate Class	Summer Coincident Peak Responsibility Method		Winter Coincident Peak Responsibility Method		Non-Coincident Peak Method		Average & Excess (1) Demand Method		Average 2) Demand Method	
	D10	D20	D10	D20	D10	D20	D10	D20	D10	D20
RS	1,284	1,284	2,186	2,186	2,447	2,447	1,579	1,579	1,022	1,022
GS-1	230	230	315	315	333	333	206	206	124	124
GS-3	758	758	786	786	797	797	606	606	484	484
LP-4	568	568	540	540	574	574	451	451	372	372
LP-5	207	0	197	0	238	0	177	0	138	0
LP-6	546	0	473	0	633	0	495	0	406	0
GH	173	173	423	423	428	428	251	251	138	138
SL/AL	0	0	0	0	34	34	24	24	17	17
Total PUC	3,766	3,013	4,920	4,250	5,484	4,613	3,789	3,117	2,701	2,157

Note: For description of the development of these data, see Section B, page 21.
(1) From Section B, Page 20 (Columns 6 and 7).
(2) From Section B, Page 20 (Column 2).

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Allocation Factors - MW
Average and Excess Over Monthly Peak Responsibility Method

Historic Period - Year Ended July 31, 1982

Rate Class	(Col.1) Annual Energy U10 MWH (1)	(Col.2) Average Annual Demand (2)	(Col.3) Class Maximum Demands (3)	(Col.4) Class Excess (Col.3)-(Col.2)	(Col.5) Adj.Class Excess (4)	(Col.6) Average & Excess (Col.2)+(Col.5) D10	(Col.7) Primary D20
RS	8,949,982	1,022	2,447	1,425	557	1,579	1,579
GS-1	1,086,275	124	333	209	82	206	206
GS-3	4,239,378	484	797	313	122	606	606
LP-4	3,255,586	372	574	202	79	451	451
LP-5	1,205,049	138	238	100	39	177	0
LP-6	3,552,455	406	633	227	89	495	0
GH	1,205,134	138	428	290	113	251	251
SL/AL	147,536	17	34	17	7	24	24
Total PUC	23,641,395	2,701	5,484	2,783	1,088	3,789 (5)	3,117

Notes:
(1) Column 1 from Section B, Page 15.
(2) Column 2 = Column 1 ÷ 8,760 Hrs./Yr.
(3) Column 3 from Section B, page 18.
(4) Column 5 (Adjusted Class Excess) = $\frac{(1088)}{(2783)}$ x Column 4
Where System Excess (1088) = 3789-2701 and Total Class Excess = 2783
(5) Section B, Page 18.

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Development

Historic Period - Year Ended July 31, 1982

The 12 month average class demand contributions to system peak used in these studies were developed as follows: load research data provided class demand contributions to system peak for August 1981 through March 1982 — the first eight months of the historic test year. In order to estimate average monthly demand contributions for the remaining four months, a relationship between class demand contributions to system peak and energy sales was developed based on historic data.

For this development, actual monthly rate class demand contributions to system peak — from January 1979 to March 1982 inclusive — served as the historical load research data base. These historical loads were all adjusted to the generation level using annual energy loss factors.

Average monthly class demand contributions to system peaks were regressed against average billing month sales and time index as the independent variables. The coefficient of determination (R^{-2}) measuring the proportion of variance in the dependent variable, explained by the independent variables, was found to be quite high. The T statistics which depict the significance of each independent variable in predicting the dependent variable were also in the statistically desirable range.

Solving equations of average monthly class demand contribution to system peak as a function of sales and time produced the estimates shown on Section B, Page 18. These estimates were used as demand allocation factors in the Monthly Peak Responsibility Method.

Several other demand allocation methods are shown in Section V including Summer Coincident Peak Responsibility Method, Winter Coincident Peak Responsibility Method and Non-Coincident Peak Method. To provide demand allocation factors for the coincident peak methods, an array of individual monthly rate class contributions to monthly system peak was necessary. These individual month demands were available for the first eight months of the Historic Test Year because of the availability of load research data. For the last four months, the derived 12 monthly average rate class contributions were multiplied by 12 and the previous 11 individual monthly rate class demands were subtracted from it to yield the monthly demands. The individual demands for the summer and winter peak days were extracted from the array and are shown on Section B, Page 19.

A similar array of monthly class maximum demands was constructed to provide demand allocation factors for the Non-Coincident Peak Method, which was based on historical rate class relationships between monthly class maximum demands and monthly contributions to peak and are shown on Section B, Page 18.

Pennsylvania Power & Light Company

Exhibit AJB 3

Cost Allocation Study
Present and Proposed Rate Levels
Future Period - Year Ending July 31, 1983

Docket No. R-822169

Witness: Andrew J. Baldwin

HBG E. Halbert 1/25/83

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PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

COST ALLOCATION STUDY

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PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

COST ALLOCATION STUDY

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

PREFACE

Cost allocation exhibits are submitted in support of several aspects of the testimony of A. J. Baldwin, and in addition, respond to the filing regulations of the Commission, in particular to Regulation IV-C-15 with regard to a fully distributed cost-of-service study. This Exhibit AJB 3 is for the future period, the year ending July 31, 1983. A companion study, Exhibit AJB 2, is for the historic period, the year ended July 31, 1982. The Commission's order in Docket No. R-80031114 provided that future retail rate filings by PP&L should be on a Pennsylvania jurisdictional basis only. The study contained herein provides the allocation of system costs between the Federal and Pennsylvania jurisdictions and the allocations of the Pennsylvania jurisdiction costs so developed to the retail customer classes.

This preface explains the general methodology utilized in the preparation of the studies.

Total cost of service, broadly stated, is made up of the following generally recognized and accepted components:

(1) Operation and maintenance expenses.

(2) Depreciation expense, or amortization of investment in facilities.

(3) Taxes, including income taxes.

(4) Return on net investment in facilities, fuel stocks, materials and supplies, and other working capital, collectively called measures of value or rate base.

Through a cost allocation study, total Company costs are assigned to residential, commercial, industrial and other identifiable customer groups. Comparing the costs to serve for any customer group with that group's rate revenues gives a measure of the return of that group. Relating that return to the allocated rate base for the group results in a rate of return which can be compared with the system average return and the returns of other classes of customers.

Overall costs of service are assigned to groups of customers on the basis of their service characteristics. One principal service characteristic is the voltage level at which the electric supply is rendered. PP&L's investment and other operating costs must therefore be broken down and assembled into the following functional voltage level components:

(1) Production and high voltage transmission, which is involved in the service to all customer classes;

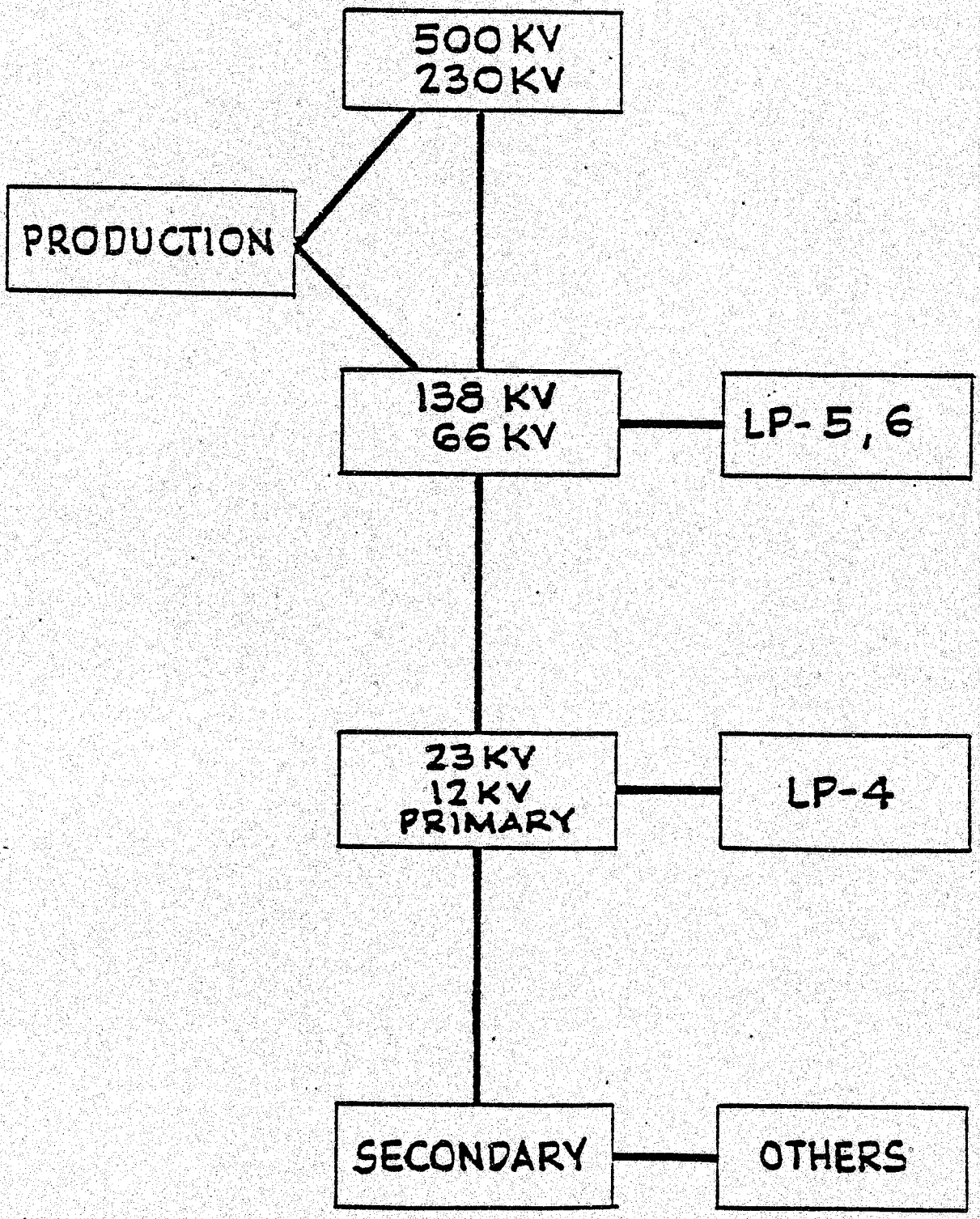
(2) 138 KV and 66 KV transmission, from which large power customers (Rate Schedules LP-5 and LP-6) and certain resale customers are directly served, and which are also involved in the service to all other classes at lower voltages as well;

(3) 23 KV and 12 KV primary system, from which large general service customers (Rate Schedule LP-4) and certain other resale customers are directly served, and which is involved in the service to other classes at lower voltages, but not in the service to customers at transmission voltage levels; and

(4) Secondary distribution system, from which street lighting, general service, commercial space heating, and residential customers are served, encompassing the remainder of the system which is not involved in service to customers served at the higher voltages as described in (2) and (3) above.

On the following page there is a block diagram illustrative of this functional breakdown.

SYSTEM SUPPLY



PP&L's records are kept in accordance with the Uniform System of Accounts. The System of Accounts does not identify the costs in precisely the functional category groupings required for allocation purposes. Thus, a substantial rearrangement of book data must first be accomplished. Major examples of the steps in this process, which are fully detailed in Section A, are:

1. Identification of investment in distribution facilities having a production and transmission function;

2. Separation of distribution facilities between primary and secondary, and the latter between investment considered customer-related and that considered demand-related;

3. Assignment of operation and maintenance expenses to categories comparable to plant investment assignments;

4. Assignment of production expenses to demand and energy components.

Having assembled the costs into the functional components outlined on page 5, each customer group is allocated its share of the investment and operating costs of each category. Thus, residential customers will be assigned some part of the costs of all categories because all components of PP&L's system are used to provide service to that group of customers. On the other hand, transmission voltage customers' service involves only the production and transmission system of category (1) and the transmission systems of category (2). Thus, they share in the costs of only those categories.

The four basic classification criteria for determining the share of component costs chargeable to particular customer groups are:

(1) Relative demand responsibility. A major factor governing plant investment is the necessity to provide capacity (production, transmission and distribution) sufficient to be able to reliably meet the combined demands of all PP&L's customers. Investment and other costs considered demand related are thus allocated on the basis of the pro rata demand responsibilities of the classes.

(2) Customer costs. A substantial portion of system costs is not related to the amount of service provided. Meter investment and meter reading costs are customer-related, as are customer accounts costs. In addition, an investment in poles, line transformers, conductors, service drops, etc., must be made irrespective of the customer's demand, simply because the customer is there to be served. Costs considered customer-related are thus allocated on the basis of the respective numbers of customers in each class making up the total.

(3) Energy use. Fuel expense is directly related to the amount of energy used by customers, and is thus allocated on the basis of such use by customer classes. Other costs considered energy-related are treated in the same manner.

(4) Direct assignment. In a few cases, the System of Accounts makes a specific identification of costs which permits assignment directly to the rate class or customer responsible. An example is the direct assignment of certain street lighting costs to the street lighting customer group.

PP&L allocates production, transmission and primary demand-related costs on the monthly peak responsibility method. Under this method, a class's responsibility is the relationship of the average of its twelve monthly contributions to system peak to the average of such monthly system peaks. Other methods are reported on in Section VI, but this method best represents PP&L's situation. Further discussion in this regard is given in Section VI. At the secondary level (distribution system below 12KV) significant diversity of demand does not exist. Consequently, secondary demand-related costs are allocated by the relationship of a class's maximum annual non-coincident peak to the sum of the maximum annual non-coincident peaks of all classes sharing in such costs.

The style of the cost allocation program is to begin with the functional categories of rate base, revenues and operating expenses taken from Exhibit Future 1 or as developed in Section A. Three steps are involved in the allocation process. First, assignment is made of costs applicable to Atlantic City Electric Company under the agreement filed with the Federal Energy Regulatory Commission. Second, the remaining total electric system costs are allocated between Federal and Pennsylvania jurisdictions. The Pennsylvania jurisdictional values thus obtained are then allocated among the retail customer classes and related to the respective present and proposed revenues to determine the class rates of return on rate base. Section III presents the process in complete detail with respect to present rate levels. Considerable cross-referencing is provided to assist in simplifying as much as possible the unavoidable complexities of these calculations.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

SUMMARY OF COST ALLOCATION STUDY RESULTS

PRESENT & PROPOSED RATES

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

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Summary of Results at Present Rate Level	2, 3
Summary of Results at Proposed Rate Level	4, 5

The summaries (pages 2 to 5) present the results of the detailed allocations of Pennsylvania jurisdictional costs at present and proposed rates for the future test period contained in Sections III and IV. It consists of an array of customer class income statements and the relations of class operating incomes or returns to the respective allocated measures of value or rate bases. The relationship of each class rate of return to the total Pennsylvania jurisdiction rate is also shown.

PP&L views these relationships to be useful, since one of the objectives in rate making is to have each class earning as near the overall return as is feasible. Comparison of lines 34 and 35 on pages 4 and 5 shows that the proposed rate increases generally improve the relative positions of class rates of return .

Further details are shown in Section III (Present Rates) and Section IV (Proposed Rates).

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,808,543	309,571	772,902	503,143
2	RESERVE FOR DEPRECIATION	A00	852,081	381,112	63,135	144,229	88,447
3	NET PLANT IN SERVICE	P01	3,486,807	1,427,431	246,436	628,673	414,696
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	4,626	825	2,236	1,562
5	POLLUTION CONTROL PROJECTS	PC00	2,572	897	169	498	358
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	5,523	994	2,734	1,920
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,432,954	247,430	631,407	416,616
9	CASH WORKING CAPITAL	CWC	26,039	10,465	1,477	4,535	3,284
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	193,598	74,668	9,661	34,580	25,524
12	TOTAL WORKING CAPITAL	W00	219,637	85,133	11,138	39,115	28,808
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	51,601	9,848	24,023	15,718
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	51,971	10,665	24,614	15,782
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,466,116	247,903	645,908	429,642
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	8,612	1,123	4,383	1,979
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,503	83,534	222,575	141,616
21	OPERATION & MAINTENANCE EXP	EE00	633,735	273,355	39,354	104,481	74,327
22	DEPRECIATION EXPENSE	ED00	107,731	48,484	7,941	18,139	11,118
23	TAXES OTHER THAN INCOME	OTT	46,243	19,586	3,261	8,225	5,310
24	FEDERAL INCOME TAXES	FTAX1	2,976	-6,625	2,561	8,333	742
25	STATE INCOME TAXES	STAX1	3,362	38	616	1,890	482
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	26,772	5,068	14,449	10,219
27	ITC PROV PRESENT RATES	TXD35	8,544	3,561	609	1,523	991
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,276	-219	-544	-355
29	TOTAL TAXES	TEX1	133,171	42,057	11,895	33,876	17,388
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	238	45	132	95
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	364,134	59,235	156,628	102,928
32	OPERATING INCOME	PRERTN	310,960	114,369	24,299	65,947	38,688
33	RATE OF RETURN - %	PRRTR	8.66	7.80	9.80	10.21	9.00
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	90.0	113.1	117.8	103.9

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	173,653	431,547	284,322	55,207
2	RESERVE FOR DEPRECIATION	A00	29,173	72,336	53,620	20,029
3	NET PLANT IN SERVICE	P01	144,480	359,211	230,702	35,178
4	ELECT PLANT HELD FOR FUT USE	PF00	490	1,223	812	45
5	POLLUTION CONTROL PROJECTS	PC00	135	335	180	0
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	625	1,558	992	45
8	DEPRECIATED ELECTRIC PLANT	TEP	145,105	360,769	231,694	35,223
9	CASH WORKING CAPITAL	CWC	1,165	3,441	1,422	250
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	9,057	28,026	10,285	1,797
12	TOTAL WORKING CAPITAL	W00	10,222	31,467	11,707	2,047
13	ACCUM DEFERRED INCOME TAXES	DF99	5,625	12,803	9,281	1,074
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	5,679	12,810	9,376	1,080
17	MEASURES OF VALUE (RATE BASE)	RBX	149,648	379,426	234,025	36,190
18	REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19	OTHER OPERATING REVENUES	OOR	254	7,730	1,974	447
20	TOTAL OPERATING REVENUES	R00	47,054	134,959	60,393	17,645
21	OPERATION & MAINTENANCE EXP	EE00	25,931	75,488	33,400	7,399
22	DEPRECIATION EXPENSE	ED00	3,691	9,162	6,746	2,450
23	TAXES OTHER THAN INCOME	OTT	1,791	4,894	2,564	612
24	FEDERAL INCOME TAXES	FTAX1	-851	645	-3,714	1,885
25	STATE INCOME TAXES	STAX1	-9	429	-412	328
26	DEFERRED INCOME TAXES - NET	TXD31	3,823	9,396	5,277	103
27	ITC PROV PRESENT RATES	TXD35	342	850	559	109
28	INVEST TAX CREDIT AMORT	TXD38	-123	-305	-200	-39
29	TOTAL TAXES	TEX1	4,974	15,909	4,072	3,000
30	AMORTIZATION OF PROPERTY LOSS	TXD21	35	89	48	0
31	TOTAL OPERATING EXPENSES	TEXP1	34,631	100,648	44,266	12,849
32	OPERATING INCOME	PRERTN	12,423	34,311	16,127	4,796
33	RATE OF RETURN - %	PRRTR	8.30	9.04	6.89	13.25
34	CLASS RATE IN % OF TOTAL	PRCLRT	95.8	104.4	79.5	153.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,808,543	309,571	772,902	503,143
2	RESERVE FOR DEPRECIATION	A00	852,081	381,112	63,135	144,229	88,447
3	NET PLANT IN SERVICE	P01	3,486,807	1,427,431	246,436	628,673	414,696
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	4,626	825	2,236	1,562
5	POLLUTION CONTROL PROJECTS	PC00	2,572	897	169	498	358
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	5,523	994	2,734	1,920
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,432,954	247,430	631,407	416,616
9	CASH WORKING CAPITAL	CWC	26,039	10,465	1,477	4,535	3,284
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	193,598	74,668	9,661	34,580	25,524
12	TOTAL WORKING CAPITAL	W00	219,637	85,133	11,138	39,115	28,808
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	51,601	9,848	24,023	15,718
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	51,971	10,665	24,614	15,782
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,466,116	247,903	645,908	429,642
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	9,729	1,244	5,151	2,282
20	TOTAL OPERATING REVENUES	R00P	1,482,347	596,673	104,710	278,533	177,170
21	OPERATION & MAINTENANCE EXP	EE00	633,735	273,355	39,354	104,481	74,327
22	DEPRECIATION EXPENSE	ED00	107,731	48,484	7,941	18,139	11,118
23	TAXES OTHER THAN INCOME	OTTP	53,036	22,306	3,746	9,501	6,126
24	FEDERAL INCOME TAXES	FTAX2	21,543	-1,079	3,908	12,990	3,405
25	STATE INCOME TAXES	STAX2	23,545	8,093	2,059	5,706	2,905
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	26,772	5,068	14,449	10,219
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	47,417	8,115	20,266	13,192
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,276	-219	-544	-355
29	TOTAL TAXES	TEX2	283,929	102,233	22,678	62,366	35,493
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	238	45	132	95
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	424,310	70,018	185,118	121,033
32	OPERATING INCOME	PPRTN	456,270	172,363	34,692	93,415	56,137
33	RATE OF RETURN - %	PPRTR	12.71	11.76	13.99	14.46	13.07
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	92.5	110.1	113.8	102.8
35	SAME AT PRESENT RATES	PRCLRT	100.0	90.0	113.1	117.8	103.9

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	173,653	431,547	284,322	55,207
2	RESERVE FOR DEPRECIATION	A00	29,173	72,336	53,620	20,029
3	NET PLANT IN SERVICE	P01	144,480	359,211	230,702	35,178
4	ELECT PLANT HELD FOR FUT USE	PF00	490	1,223	812	45
5	POLLUTION CONTROL PROJECTS	PC00	135	335	180	0
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	625	1,558	992	45
8	DEPRECIATED ELECTRIC PLANT	TEP	145,105	360,769	231,694	35,223
9	CASH WORKING CAPITAL	CWC	1,165	3,441	1,422	250
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	9,057	28,026	10,285	1,797
12	TOTAL WORKING CAPITAL	W00	10,222	31,467	11,707	2,047
13	ACCUM DEFERRED INCOME TAXES	DF99	5,625	12,803	9,281	1,074
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	5,679	12,810	9,376	1,080
17	MEASURES OF VALUE (RATE BASE)	RBX	149,648	379,426	234,025	36,190
18	REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19	OTHER OPERATING REVENUES	OORP	259	9,522	2,344	510
20	TOTAL OPERATING REVENUES	R00P	58,535	168,886	76,334	21,506
21	OPERATION & MAINTENANCE EXP	EE00	25,931	75,488	33,400	7,399
22	DEPRECIATION EXPENSE	E000	3,691	9,162	6,746	2,450
23	TAXES OTHER THAN INCOME	OTTP	2,057	5,662	2,940	698
24	FEDERAL INCOME TAXES	FTAX2	-263	4,369	-3,949	2,162
25	STATE INCOME TAXES	STAX2	774	2,742	674	592
26	DEFERRED INCOME TAXES - NET	TXD31	3,823	9,396	5,277	103
27	INVEST TAX CR PROV PROP RATES	ITCP	4,553	11,315	7,454	1,447
28	INVEST TAX CREDIT AMORT	TXD38	-123	-305	-200	-39
29	TOTAL TAXES	TEX2	10,820	33,180	12,195	4,964
30	AMORTIZATION OF PROPERTY LOSS	TXD21	35	89	48	0
31	TOTAL OPERATING EXPENSES	TEXP2	40,477	117,919	52,389	14,813
32	OPERATING INCOME	PPRTN	18,058	50,967	23,945	6,693
33	RATE OF RETURN - %	PPRTR	12.07	13.43	10.23	18.49
34	CLASS RATE IN % OF TOTAL	PPCLRT	94.9	105.7	80.5	145.5
35	SAME AT PRESENT RATES	PRCLRT	95.8	104.4	79.5	153.0

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

COST ALLOCATION STUDY - PRESENT RATES

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

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This section consists of three parts. Part I shows the assignment of the costs to Atlantic City Electric Company reflecting the agreement with that company for the sale of 6.6% of the output of the Susquehanna plant. Part II shows the assignment of the net system costs to other Federal jurisdictional customers supplied on a system cost basis. Part III shows the allocations to PUC rate classes of the remaining or Pennsylvania jurisdictional costs, the comparisons with the associated revenues and calculation of the resulting returns and rates of return on allocated rate bases. The outputs of each part form the inputs to each succeeding part. Allocators are summarized at the end of each part as developed in Section B. Basic input cost data are provided from Exhibit Future 1. Functionalized input data are developed in Section A. Extensive cross-referencing has been provided to show the full development of the cost allocation study.

SECTION III

PART I

ASSIGNMENT TO ATLANTIC CITY SALES

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	ELECTRIC PLANT IN SERVICE								
2	SUSQ PROD PLANT	Q08	A1X	P08	AJB3	A3	1,666,509	109,990	1,556,519
3	OTHER PROD PLANT	Q09	A2X	P09	AJB3	A3	1,261,388	0	1,261,388
4	TOTAL PROD PLANT			P10			2,927,897	109,990	2,817,907
5	TRANSMISSION-SUSQUEHANNA	Q18	A1X	P18	AJB3	A3	9,349	617	8,732
6	OTHER TRANSMISSION	Q19	A1X	P19	AJB3	A3	407,463	26,893	380,570
7	TOTAL TRANSMISSION			P20			416,812	27,510	389,302
8	DISTRIBUTION PLANT								
9	SUBSTATIONS								
10	GENERATION STEP-UP	Q26	A3X	P26	AJB3	A5	570	0	570
11	66/138 KV	Q27	A3X	P27	AJB3	A5	4,236	0	4,236
12	PRIMARY	Q28	A3X	P28	AJB3	A5	104,089	0	104,089
13	SECONDARY	Q29	A3X	P29	AJB3	A5	41,998	0	41,998
14	TOTAL SUBSTATIONS			P5S			150,893	0	150,893
15	OVERHEAD LINES								
16	66/138 KV	Q31	A3X	P31	AJB3	A5	154,978	0	154,978
17	PRIMARY	Q32	A3X	P32	AJB3	A5	129,276	0	129,276
18	SECONDARY								
19	DEMAND COMPONENT	Q33	A3X	P33	AJB3	A5	65,243	0	65,243
20	CUSTOMER COMPONENT	Q34	A3X	P34	AJB3	A5	237,222	0	237,222
21	STREET LIGHTING	Q35	A3X	P35	AJB3	A5	26,826	0	26,826
22	TOTAL OVERHEAD LINES			POL			613,545	0	613,545
23	UNDERGROUND LINES								
24	66/138 KV	Q36	A3X	P36	AJB3	A5	4,308	0	4,308
25	PRIMARY	Q37A	A3X	P37A	AJB3	A5	6,983	0	6,983
26	SECONDARY								
27	DEMAND COMPONENT	Q37	A3X	P37	AJB3	A5	30,972	0	30,972
28	CUSTOMER COMPONENT	Q38	A3X	P38	AJB3	A5	31,919	0	31,919
29	TOTAL UNDERGROUND LINES			PUG			74,182	0	74,182
30	LINE TRANSFORMERS								
31	DEMAND COMPONENT	Q39	A3X	P39	AJB3	A5	124,297	0	124,297
32	CUSTOMER COMPONENT	Q40	A3X	P40	AJB3	A5	17,627	0	17,627
33	TOTAL LINE TRANSFORMERS			PLT			141,924	0	141,924
34	SERVICES								
35	DEMAND COMPONENT	Q41	A3X	P41	AJB3	A5	26,173	0	26,173
36	CUSTOMER COMPONENT	Q42	A3X	P42	AJB3	A5	78,519	0	78,519
37	TOTAL SERVICES			PSV			104,692	0	104,692
38	METERS	Q43	A3X	P43	AJB3	A5	46,391	0	46,391
39	AREA LIGHTING FIXTURES	Q44	A3X	P44	AJB3	A5	2,383	0	2,383
40	STREET LIGHTING	Q46	A3X	P46	AJB3	A5	22,174	0	22,174
41	TOTAL DISTRIBUTION PLANT			P30			1,156,184	0	1,156,184
42	PROD/TRANS/DIST PLANT			AT1			4,500,893	137,500	4,363,393
43	OTHER PROD/TRANS/DIST PLANT			AT1A			2,825,035	26,893	2,798,142
44	TRANS/DIST PLANT			AT2			1,572,996	27,510	1,545,486
45	DISTRIBUTION SECONDARY			AT3			751,744	0	751,744
46	GENERAL PLANT	Q88	K433	P88	AJB3	A3	123,349	1,890	121,459
47	INTANGIBLE PLANT	Q95	K433	P95	AJB3	A3	645	10	635
48	ELECTRIC PLANT SUSQUEHANNA			P00S			1,675,658	110,607	1,565,251
49	ELECTRIC PLANT OTHER			P00O			2,949,029	28,793	2,920,236
50	ELECTRIC PLANT IN SERVICE			P00			4,624,887	139,400	4,485,487

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	RESERVE FOR DEPRECIATION								
2	SUSQ PROD FUNC	H08	P08	A08	AJB3	A6	2,470	163	2,307
3	OTHER PROD FUNC	H09	P09	A09	AJB3	A6	439,511	0	439,511
4	TOTAL PROD FUNC			A10			441,981	163	441,818
5	TRANSMISSION-SUSQUEHANNA	H18	P18	A18	AJB3	A6	55	4	51
6	OTHER TRANSMISSION	H19	P19	A19	AJB3	A6	80,896	5,339	75,557
7	TOTAL TRANSMISSION			A20			80,951	5,343	75,608
8	DISTRIBUTION FUNCTION								
9	SUBSTATIONS								
10	GENERATION STEP-UP	H26	P26	A26	AJB3	A7	139	0	139
11	66/138 KV	H27	P27	A27	AJB3	A7	1,056	0	1,056
12	PRIMARY	H28	P28	A28	AJB3	A7	25,312	0	25,312
13	SECONDARY	H29	P29	A29	AJB3	A7	10,490	0	10,490
14	TOTAL SUBSTATIONS			AST			36,997	0	36,997
15	OVERHEAD LINES								
16	66/138 KV	H31	P31	A31	AJB3	A7	41,540	0	41,540
17	PRIMARY	H32	P32	A32	AJB3	A7	35,461	0	35,461
18	SECONDARY								
19	DEMAND COMPONENT	H33	P33	A33	AJB3	A7	18,128	0	18,128
20	CUSTOMER COMPONENT	H34	P34	A34	AJB3	A7	64,092	0	64,092
21	STREET LIGHTING	H35	P35	A35	AJB3	A7	6,379	0	6,379
22	TOTAL OVERHEAD LINES			AOL			165,600	0	165,600
23	UNDERGROUND LINES								
24	66/138 KV	H36	P36	A36	AJB3	A7	886	0	886
25	PRIMARY	H37A	P37A	A37A	AJB3	A7	1,440	0	1,440
26	SECONDARY								
27	DEMAND COMPONENT	H37	P37	A37	AJB3	A7	6,387	0	6,387
28	CUSTOMER COMPONENT	H38	P38	A38	AJB3	A7	6,583	0	6,583
29	TOTAL UNDERGROUND LINES			AUG			15,296	0	15,296
30	LINE TRANSFORMERS								
31	DEMAND COMPONENT	H39	P39	A39	AJB3	A7	40,268	0	40,268
32	CUSTOMER COMPONENT	H40	P40	A40	AJB3	A7	5,710	0	5,710
33	TOTAL LINE TRANSFORMERS			ALT			45,978	0	45,978
34	SERVICES								
35	DEMAND COMPONENT	H41	P41	A41	AJB3	A7	9,995	0	9,995
36	CUSTOMER COMPONENT	H42	P42	A42	AJB3	A7	29,985	0	29,985
37	TOTAL SERVICES			ASV			39,980	0	39,980
38	METERS	H43	P43	A43	AJB3	A7	16,659	0	16,659
39	AREA LIGHTING FIXTURES	H44	P44	A44	AJB3	A7	1,000	0	1,000
40	STREET LIGHTING	H46	P46	A46	AJB3	A7	11,661	0	11,661
41	TOTAL DISTRIBUTION FUNCTION			A30			333,171	0	333,171
42	GENERAL FUNCTION	H88	P88	A88	AJB3	A6	26,663	409	26,254
43	RES FOR DEPREC SUSQUEHANNA			A00S			2,525	167	2,358
44	RES FOR DEPRECIATION OTHER			A00O			880,241	5,748	874,493
45	RESERVE FOR DEPRECIATION			A00			882,766	5,915	876,851
46	NET PLANT SUSQUEHANNA			P01S			1,673,333	110,440	1,562,893
47	NET PLANT OTHER			P01O			2,068,788	23,045	2,045,743
48	NET PLANT IN SERVICE			P01			3,742,121	133,485	3,608,636

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO ATLANTIC CITY SALES

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	ADDITIONS TO NET PLANT								
2	PLANT HELD FOR FUTURE USE								
3	PRODUCTION PLANT	QF10	P09	PF10	FUT1	C3	1,920	0	1,920
4	TRANSMISSION PLANT	QF20	P20	PF20	FUT1	C3	700	46	654
5	DISTRIBUTION								
6	66-138KV	QF31	A3X	PF31	FUT1	C3	5,765	0	5,765
7	PRIMARY	QF32	A3X	PF32	FUT1	C3	1,406	0	1,406
8	SECONDARY	QF33	A3X	PF33	FUT1	C3	262	0	262
9	TOTAL DISTRIBUTION PLANT			PF30			7,433	0	7,433
10	GENERAL PLANT	QF88	P88	PF88	FUT1	C3	2,269	35	2,234
11	TOT PL HELD FOR FUTURE USE			PF00			12,322	81	12,241
12	POLLUTION CONTROL PROJECTS	IPC	P09	PC00	FUT1	C1	2,684	0	2,684
13	ASSOCIATED RETIREMENTS	IPCR	P09	PCR0	FUT1	C1	0	0	0
14	TOTAL ADDITIONS TO NET PLANT			PLADD			15,006	81	14,925
15	WORKING CAPITAL								
16	SUSQ FUEL INVENTORY	M08	A1X	W08	FUT1	C6	174	11	163
17	OTHER FUEL INVENTORY	M09	A2X	W09	FUT1	C6	177,652	0	177,652
18	TOTAL FUEL INVENTORY			W10			177,826	11	177,815
19	PLANT MATERIALS AND SUPPLIES								
20	PRODUCTION PLANT	M12	P09	W12			2,222	0	2,222
21	TRANS/DIST PLANT	M14	AT2	W14			20,694	362	20,332
22	TOT PL MATERIALS & SUPPLIES			WT2	FUT1	C6	22,916	362	22,554

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX- HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1 WORKING CAPITAL CONTINUED								
2 LESS UNCOLLECTIBLE ACCOUNTS	G51	A3X	EE51	FUT1	C5	5,476	0	5,476
3 WORKING CAPITAL-O & M SUSQ	CASH1	A3X	WCA1			3,754	0	3,754
4 WORKING CAPITAL-O & M OTHER	CASH2	A3X	WCA2			41,507	0	41,507
5 TOTAL WORKING CAPITAL			WCA	FUT1	C5	45,261	0	45,261
6 PREPAYMENTS								
7 PREPAID INSURANCE-SUSQ	MC2BS	A1X	WCPBS	FUT1	C5	1,668	110	1,558
8 PREPAID INSURANCE-OTHER	MC2B	AT1A	WCPB	FUT1	C5	1,590	15	1,575
9 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	FUT1	C5	220	4	216
10 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	FUT1	C5	378	12	366
11 TOTAL PREPAYMENTS			WCP			3,856	141	3,715
12 SUSQ ACCRUED TAX ADJUST	MC10	A3X	WCT10			-152	0	-152
13 OTHER ACCRUED TAX ADJUST	MC12	A3X	WCT12			8,998	0	8,998
14 TOTAL ACCRUED TAX ADJUST			WCT	FUT1	C5	8,846	0	8,846
15 SEMI ANNUAL INTEREST SUSQ	AE	A3X	EA00	FUT1	C5	-12,166	0	-12,166
16 SEMI ANNUAL INTEREST OTHER	AEE	A3X	EEA00	FUT1	C5	-16,972	0	-16,972
17 PREF DIV PAYMENTS SUSQ	AF	A3X	FA00	FUT1	C5	-734	0	-734
18 PREF DIV PAYMENTS OTHER	AFF	A3X	FFA00	FUT1	C5	-1,016	0	-1,016
19 TOT INT & PREF DIV PAYMENTS			EAFA1			-30,888	0	-30,888
20 WORKING CAPITAL SUSQUEHANNA			W00S			-7,456	121	-7,577
21 WORKING CAPITAL OTHER			W000			235,273	393	234,880
22 TOTAL WORKING CAPITAL			W00			227,817	514	227,303

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO ATLANTIC CITY SALES

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	DEDUCTIONS FROM NET PLANT								
2	ACCUMULATED DEFERRED INCOME TAXES								
3	ACCELERATED AMORTIZATION	TCC00	P09	DF00	FUT1	C7	2,382	0	2,382
4	LIBERALIZED DEPRECIATION	TCC01	P00D	DF01	FUT1	C7	56,196	549	55,647
5	ACCEL COST RECOVERY SUSQ	TCC02	A1X	DF02	FUT1	C7	107,110	7,069	100,041
6	ACCEL COST RECOVERY OTHER	TCC05	P00D	DF05	FUT1	C7	12,046	118	11,928
7	TEST POWER MARTINS CREEK	TCC03	A3X	DF03	FUT1	C7	6,674	0	6,674
8	TEST POWER SUSQUEHANNA	TCC06	A1X	DF06	FUT1	C7	-48,094	-3,174	-44,920
9	CONV TO MONTHLY BILLING	TCC04	A3X	DF04	FUT1	C7	3,019	0	3,019
10	TOTAL ACCUM DEFERRED TAXES			DF99			139,333	4,562	134,771
11	CUSTOMER ADVANCES	AC	A3X	CA00	FUT1	C1	163	0	163
12	CUSTOMER DEPOSITS	AD	A3X	DA00	FUT1	C1	1,841	0	1,841
13	DEDUCTS FROM NET PLANT SUSQ			PLDEDS			59,016	3,895	55,121
14	DEDUCTS FROM NET PLANT OTHER			PLDEDO			82,321	667	81,654
15	TOT DEDUCTIONS FROM NET PLANT			PLDED			141,337	4,562	136,775

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1 OTHER OPERATING REVENUES								
2 MISCELLANEOUS	S12	A3X	R12	REG III	D13	200	0	200
3 RENT FROM ELEC PROP RELATED TO:								
4 TRANSMISSION	S13	P20	R13	AJB3	A8	1,086	72	1,014
5 DISTRIBUTION	S14	P30	R14	AJB3	A8	3,781	0	3,781
6 TRANS/DIST	S15	AT2	R15	AJB3	A8	31	1	30
7 GENERAL	S16	P88	R16	AJB3	A8	242	4	238
8 TOTAL RENT FROM ELEC PROP			R19			5,140	77	5,063
9 OTHER ELEC REVENUES RELATED TO:								
10 PRODUCTION	S20A	P09	R20A	AJB3	A8	708	0	708
11 TRANSMISSION	S20B	P20	R20B	AJB3	A8	2,254	149	2,105
12 DIST-OVERHEAD LINES	S20F	POL	R20F	AJB3	A8	293	0	293
13 RCS PROGRAM	S20G	A3X	R20G	AJB3	A8	24	0	24
14 GENERAL	S20H	P88	R20H	AJB3	A8	23	0	23
15 CUSTOMER ACCOUNTS	S20I	A3X	R20I	AJB3	A8	183	0	183
16 TOTAL-OTHER ELEC REVENUES			R20			3,485	149	3,336
17 TOTAL OTHER OPERATING REVS			R21			8,825	226	8,599

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	OPERATION AND MAINTENANCE EXPENSE								
2	PRODUCTION FUNCTION								
3	NUCLEAR FUEL	G01	A1X	EE01	AJB3	A10	26,590	1,755	24,835
4	FOSSIL FUEL W/O SUSQ	G02	A2X	EE02	AJB3	A10	779,819	0	779,819
5	FUEL ADJUST WITH SUSQ	G02A	A2X	EE02A	AJB3	A10	-18,632	0	-18,632
6	TOTAL FOSSIL FUEL			EE02T			761,187	0	761,187
7	NET INTERCHANGE W/O SUSQ	G03	A3X	EE03	AJB3	A10	-357,342	0	-357,342
8	INTERCHANGE ADJ WITH SUSQ	G04	A3X	EE04	AJB3	A10	-200,128	0	-200,128
9	TOTAL NET INTERCHANGE			EE05			-557,470	0	-557,470
10	PURCHASES- AE BUYBACK			EE06			20,541	0	20,541
11	DEMAND COMPONENT	G06D	A3X	EE06D	AJB3	A10	18,710	0	18,710
12	ENERGY COMPONENT	G06E	A3X	EE06E	AJB3	A10	1,831	0	1,831
13	PURCHASES- OTHER			EE07			3,100	0	3,100
14	DEMAND COMPONENT	G07D	A3X	EE07D	AJB3	A10	3,100	0	3,100
15	ENERGY COMPONENT	G07E	A3X	EE07E	AJB3	A10	0	0	0
16	OTHER PRODUCTION EXP- SUSQ			EE08			61,576	4,064	57,512
17	DEMAND COMPONENT	G08D	A1X	EE08D	AJB3	A10	32,610	2,152	30,458
18	ENERGY COMPONENT	G08E	A1X	EE08E	AJB3	A10	28,966	1,912	27,054
19	OTHER PRODUCTION EXP- OTHER			EE09			112,659	0	112,659
20	DEMAND COMPONENT	G09D	A2X	EE09D	AJB3	A10	51,783	0	51,783
21	ENERGY COMPONENT	G09E	A2X	EE09E	AJB3	A10	60,876	0	60,876
22	FUEL HANDLING	G11	A2X	EE11	AJB3	A10	14,779	0	14,779
23	INST CAP PAYMENTS W/O SUSQ	G12	A3X	EE12	AJB3	A10	-712	0	-712
24	INST CAP PAYMENTS ADJ W/SUSQ	G13	A3X	EE13	AJB3	A10	-284	0	-284
25	TOT INSTALLED CAPACITY PAYMT			EE13T			-996	0	-996
26	SPENT NUC FUEL DISP COSTS	G92	A1X	EE92	AJB3	A10	8,153	538	7,615
27	DECOMMISSIONING COST	G93	P08	EE93	AJB3	A10	2,644	175	2,469
28	TOTAL PRODUCTION FUNCTION			EE10			452,763	6,532	446,231
29	TRANSMISSION FUNCTION	G20	P20	EE20	FUT1	B4	10,816	714	10,102
30	DISTRIBUTION FUNCTION								
31	SUBSTATIONS								
32	GENERATION STEP-UP	G26	P26	EE26	AJB3	A16	32	0	32
33	66/138 KV	G27	P27	EE27	AJB3	A16	232	0	232
34	PRIMARY	G28	P28	EE28	AJB3	A16	5,655	0	5,655
35	SECONDARY	G29	P29	EE29	AJB3	A16	2,283	0	2,283
36	TOTAL SUBSTATIONS			EESS			8,202	0	8,202

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1 OPERATION AND MAINTENANCE EXPENSE CONTINUED								
2 OVERHEAD LINES								
3 66/138 KV	G31	P31	EE31	AJB3	A16	8,585	0	8,585
4 PRIMARY	G32	P32	EE32	AJB3	A16	7,144	0	7,144
5 SECONDARY								
6 DEMAND COMPONENT	G33	P33	EE33	AJB3	A16	3,604	0	3,604
7 CUSTOMER COMPONENT	G34	P34	EE34	AJB3	A16	13,117	0	13,117
8 STREET LIGHTING	G35	P35	EE35	AJB3	A16	1,487	0	1,487
9 TOTAL OVERHEAD LINES			EEOL			33,937	0	33,937
10 UNDERGROUND LINES								
11 66/138 KV	G36	P36	EE36	AJB3	A16	199	0	199
12 PRIMARY	G37A	P37A	EE37A	AJB3	A16	323	0	323
13 SECONDARY								
14 DEMAND COMPONENT	G37	P37	EE37	AJB3	A16	1,435	0	1,435
15 CUSTOMER COMPONENT	G38	P38	EE38	AJB3	A16	1,479	0	1,479
16 TOTAL UNDERGROUND LINES			EEUG			3,436	0	3,436
17 LINE TRANSFORMERS								
18 DEMAND COMPONENT	G39	P39	EE39	AJB3	A16	2,875	0	2,875
19 CUSTOMER COMPONENT	G40	P40	EE40	AJB3	A16	408	0	408
20 TOTAL LINE TRANSFORMERS			EELT			3,283	0	3,283
21 MISC DIST EXPENSE & RENTS	G41	P30	EE41	AJB3	A16	9,020	0	9,020
22 METERS	G43	P43	EE43	AJB3	A16	5,607	0	5,607
23 STREET LIGHTING	G46	P46	EE46	AJB3	A16	2,123	0	2,123
24 CUSTOMER INSTALLATIONS	G47	A3X	EE47	AJB3	A16	3,596	0	3,596
25 TOTAL DISTRIBUTION FUNCTION			EE30			69,204	0	69,204
26 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	AJB3	A18	6,243	0	6,243
27 CUSTOMER ACCOUNTS-OTHER	G55	A3X	EE55	AJB3	A18	21,736	0	21,736
28 SALES FUNCTION	G60	A3X	EE60	FUT1	B4	1,146	0	1,146
29 CUST SERVICE & INFORMATION	G65	A3X	EE65	FUT1	B4	7,175	0	7,175
30 ADMINISTRATIVE AND GENERAL								
31 PUC - REGULATORY EXPENSE	G70P	A3X	EE70P	AJB3	A19	393	0	393
32 FERC - REGULATORY EXPENSE	G70F	A3X	EE70F	AJB3	A19	139	0	139
33 PROPERTY INSURANCE	G72	P10	EE72	AJB3	A19	4,244	159	4,085
34 OTHER ADMIN & GENERAL	G74	K929	EE74	AJB3	A19	73,509	1,126	72,383
35 TOTAL A & G EXPENSE			EE76			78,285	1,285	77,000
36 ADJUSTMENTS TO O & M EXPENSE								
37 WAGE EXPENSE	G83	K939	EE83	FUT1	D2	13,171	202	12,969
38 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	FUT1	D2	1,844	28	1,816
39 PUC - REGULATORY EXPENSE	G87	A3X	EE87	FUT1	D2	-161	0	-161
40 INTEREST ON CUST DEPOSITS	G89	A3X	EE89	FUT1	D2	166	0	166
41 RCS PROGRAM EXPENSE	G90	A3X	EE90	FUT1	D2	225	0	225
42 O & M EXPENSE SUSQUEHANNA			EE00S			-99,540	6,532	-106,072
43 O & M EXPENSE OTHER			EE00O			762,153	2,229	759,924
44 TOTAL O & M EXPENSE			EE00			662,613	8,761	653,852

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	REFERENCE PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	DEPRECIATION EXPENSE								
2	SUSQ PROD FUNCTION	GD08	P08	ED08	AJB3	A20	14,821	978	13,843
3	OTHER PROD FUNCTION	GD09	P09	ED09	AJB3	A20	43,785	0	43,785
4	TOTAL PROD FUNCTION			ED10			58,606	978	57,628
5	TRANSMISSION-SUSQUEHANNA	GD18	P18	ED18	AJB3	A20	187	12	175
6	OTHER TRANSMISSION	GD19	P19	ED19	AJB3	A20	8,649	571	8,078
7	TOTAL TRANSMISSION			ED20			8,836	583	8,253
8	DISTRIBUTION FUNCTION								
9	SUBSTATIONS								
10	GENERATION STEP-UP	GD26	P26	ED26	AJB3	A21	16	0	16
11	66/138 KV	GD27	P27	ED27	AJB3	A21	123	0	123
12	PRIMARY	GD28	P28	ED28	AJB3	A21	2,932	0	2,932
13	SECONDARY	GD29	P29	ED29	AJB3	A21	1,213	0	1,213
14	TOTAL SUBSTATIONS			EDSS			4,284	0	4,284
15	OVERHEAD LINES								
16	66/138 KV	GD31	P31	ED31	AJB3	A21	5,040	0	5,040
17	PRIMARY	GD32	P32	ED32	AJB3	A21	4,382	0	4,382
18	SECONDARY								
19	DEMAND COMPONENT	GD33	P33	ED33	AJB3	A21	2,225	0	2,225
20	CUSTOMER COMPONENT	GD34	P34	ED34	AJB3	A21	7,991	0	7,991
21	STREET LIGHTING	GD35	P35	ED35	AJB3	A21	859	0	859
22	TOTAL OVERHEAD LINES			EDOL			20,497	0	20,497
23	UNDERGROUND LINES								
24	66/138 KV	GD36	P36	ED36	AJB3	A21	106	0	106
25	PRIMARY	GD37A	P37A	ED37A	AJB3	A21	170	0	170
26	SECONDARY								
27	DEMAND COMPONENT	GD37	P37	ED37	AJB3	A21	753	0	753
28	CUSTOMER COMPONENT	GD38	P38	ED38	AJB3	A21	776	0	776
29	TOTAL UNDERGROUND LINES			EDUG			1,805	0	1,805
30	LINE TRANSFORMERS								
31	DEMAND COMPONENT	GD39	P39	ED39	AJB3	A21	4,918	0	4,918
32	CUSTOMER COMPONENT	GD40	P40	ED40	AJB3	A21	698	0	698
33	TOTAL LINE TRANSFORMERS			EDLT			5,616	0	5,616
34	SERVICES								
35	DEMAND COMPONENT	GD41	P41	ED41	AJB3	A21	1,614	0	1,614
36	CUSTOMER COMPONENT	GD42	P42	ED42	AJB3	A21	4,841	0	4,841
37	TOTAL SERVICES			EDSV			6,455	0	6,455
38	METERS	GD43	P43	ED43	AJB3	A21	1,686	0	1,686
39	AREA LIGHTING FIXTURES	GD44	P44	ED44	AJB3	A21	238	0	238
40	STREET LIGHTING	GD46	P46	ED46	AJB3	A21	1,232	0	1,232
41	TOTAL DISTRIBUTION FUNCTION			ED30			41,813	0	41,813
42	GENERAL FUNCTION	GD88	P88	ED88	AJB3	A20	3,219	49	3,170
43	DEPRECIATION EXPENSE SUSQ			ED00S			15,008	990	14,018
44	DEPRECIATION EXPENSE OTHER			ED00D			97,466	620	96,846
45	TOTAL DEPRECIATION EXPENSE			ED00			112,474	1,610	110,864

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	SUSQ PAYROLL TAXES	GP01	K939	EP01	FUT1	D11	1,347	21	1,326
2	OTHER PAYROLL TAXES	GP02	K939	EP02	FUT1	B5-D11	8,757	134	8,623
3	TOTAL PAYROLL TAXES			EP00			10,104	155	9,949
4	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS								
5	CAPITAL STOCK TAX	GT1	P01	ET1	FUT1	D15	11,778	420	11,358
6	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	FUT1	D15	0	0	0
7	REGULATORY COMM ASSESSMENT	GT5	A3X	ET5	FUT1	B5	1,436	0	1,436
8	LOCAL PROPERTY TAXES	GT6	P01	ET6	FUT1	B5	180	6	174
9	SALES & USE TAX	GT7	P01	ET7	FUT1	B5	442	16	426
10	OTHER TAXES AT PRESENT RATES			ET00			13,836	442	13,394
11	CAP STOCK TAX ADJUST SUSQ	GT8	A3X	ET8	FUT1	D16	582	0	582
12	CAP STOCK TAX ADJUST OTHER	GT9	A3X	ET9	FUT1	D16	290	0	290
13	ADJUSTED OTHER TAXES			ET01			14,708	442	14,266

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	FUT1	D16	712	0	712
2	DEFERRED INCOME TAXES - NET								
3	ACCEL AMORT EMERG FACIL	INCD1	P09	TXD1	FUT1	D17	-300	0	-300
4	ACCEL AMORT POLLUTION CTL	INCD2	P09	TXD2	FUT1	D17	-126	0	-126
5	CLASS LIFE SYSTEM	INCD3	P00D	TXD3	FUT1	D17	-47	0	-47
6	RENOVAL COSTS	INCD4	P00O	TXD4	FUT1	D17	-777	-8	-769
7	ACCEL COST RECOVERY OTHER	INCD5	P00O	TXD5	FUT1	D17	8,045	79	7,966
8	ACCEL COST RECOVERY SUSQ	INCD6	A1X	TXD6	FUT1	D17	82,950	5,475	77,475
9	TEST POWER MARTINS CREEK	INCD7	A3X	TXD7	FUT1	D17	-249	0	-249
10	EXTRAORDINARY PROP LOSS	INCD8	TXD21	TXD8	FUT1	D17	-296	0	-296
11	DECOMMISSIONING COST	INCDA	P08	TXDA	FUT1	D17	-1,366	-90	-1,276
12	SPENT NUC FUEL DISPOSAL	INCDB	A1X	TXDB	FUT1	D17	-4,213	-278	-3,935
13	TEST POWER SUSQUEHANNA	INCDC	A1X	TXDC	FUT1	D17	430	28	402
14	CONV TO MONTHLY BILLING	INCDD	A3X	TXDD	FUT1	D17	-562	0	-562
15	DEMONSTRATION PROJECTS	INCDE	A3X	TXDE	FUT1	D17	86	0	86
16	RCS PROGRAM	INCDF	A3X	TXDF	FUT1	D17	-39	0	-39
17	DEFERRED INCOME TAXES - NET			TXD31			83,536	5,206	78,330
18	SUSQ INVEST TAX CREDIT AMORT	INCD36	P00	TXD36	FUT1	D1	-1,104	-33	-1,071
19	OTHER INVEST TAX CREDIT AMORT	INCD37	P00	TXD37	FUT1	D1	-2,158	-65	-2,093
20	TOTAL INVEST TAX CREDIT AMORT			TXD38			-3,262	-98	-3,164
21	SUSQ ITC PROV PRESENT RATES	INCD33	P00	TXD33	FUT1	D1	-48,925	-1,475	-47,450
22	OTHER ITC PROV PRESENT RATES	INCD34	P00	TXD34	FUT1	D1	58,031	1,749	56,282
23	TOTAL ITC PROV PRESENT RATES			TXD35			9,106	274	8,832
24	SUSQ ITC PROV ADJ PROP RATES	INVA	A3X	IXVA	FUT1	D1	69,276	0	69,276
25	OTHER ITC PROV ADJ PROPOSED	INVB	A3X	IXVB	FUT1	D1	35,939	0	35,939
26	TOTAL ITC PROV ADJ PROPOSED			IXVT			105,215	0	105,215
27	NET INVEST TAX CR PRES RATES			TXD39			5,844	176	5,668
28	NET INVEST TAX CR PROP RATES			TXD32			111,059	176	110,883

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF TAX DEDUCTIONS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO ATLANTIC CITY SALES

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	LATE PAYMENT CHARGE	S11	A3X	LPC	REG III	D13	3,307	0	3,307
2	LATE PAYMENT CHARGE	S10	A3X	LPCP	FUT1	D3	4,140	0	4,140
3	INTEREST EXPENSE SUSQ	INCD10	P01	TXD10	FUT1	D16	87,494	3,121	84,373
4	INTEREST EXPENSE - OTHER	INCD11	P01	TXD11	FUT1	D16	121,790	4,344	117,446
5	FEDERAL INCOME TAX ADJUSTMENTS								
6	TAXES CAPITALIZED	INCD12	P00	TXD12	FUT1	D16	-6,351	-191	-6,160
7	PENSIONS CAPITALIZED SUSQ	INCD20	A1X	TXD20	FUT1	D16	2,627	173	2,454
8	PENSIONS CAPITALIZED OTHER	INCD13	P000	TXD13	FUT1	D16	-11,225	-110	-11,115
9	BOOK DEPRECIATON - SUSQ	INCD14	ED00S	TXD14	FUT1	D16	15,008	990	14,018
10	BOOK DEPRECIATION - OTHER	INCD15	ED000	TXD15	FUT1	D16	97,466	620	96,846
11	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	FUT1	D16	95	1	94
12	TAX DEPRECIATON - SUSQ	INCD17	ED00S	TXD17	FUT1	D16	-194,057	-12,801	-181,256
13	TAX DEPRECIATION - OTHER	INCD18	ED000	TXD18	FUT1	D16	-106,768	-679	-106,089
14	REMOVAL COSTS	INCD19	P000	TXD19	FUT1	D16	-6,000	-59	-5,941
15	AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	FUT1	D16	712	0	712
16	CONVERSION TO MONTHLY BILLING	INCD23	A3X	TXD23	FUT1	D16	1,104	0	1,104
17	AMORTIZATION RAR ITEMS	INCD24	P01	TXD24	FUT1	D16	-4	0	-4
18	DEMONSTRATION PROJECTS	INCD25	A3X	TXD25	FUT1	D16	-162	0	-162
19	PREFERRED DIV PAID - CREDIT	INCD26	A3X	TXD26	FUT1	D16	-852	0	-852
20	SPENT NUC FUEL DISP COSTS	G92	A1X	EE92	AJB3	A10	8,153	538	7,615
21	DECOMMISSIONING COST	G93	P08	EE93	AJB3	A10	2,644	175	2,469
22	AFUDC IN NUCLEAR FUEL	INCD29	A1X	TXD29	FUT1	D16	4,888	323	4,565
23	PA INCOME TAX ADJUSTMENTS								
24	TAX PREFERENCE INCOME								
25	EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	FUT1	D16	4,266	282	3,984
26	OTHER	NCD40B	P09	TXD40B	FUT1	D16	1,084	0	1,084
27	ACRS DEPRECIATION SUSQ	INCD41	A1X	TXD41	FUT1	D16	13,841	914	12,927
28	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	FUT1	D16	2,604	25	2,579
29	SURTAX	SURTAX	A3X	SURT	FUT1	D16	19	0	19

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF ALLOCATORS

ASSIGNMENT TO ATLANTIC CITY SALES

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	REFERENCE EX- HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1 AMOUNTS EXPRESSED IN PERCENT								
2 ALLOC SUSQ PRODUCTION PLANT		A1X				100.0	6.6	93.4
3 ALLOC OTHER PRODUCTION PLANT		A2X				1.0	0.0	1.0
4 100% TO NET ELECTRIC DEPT		A3X				1.0	0.0	1.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO ATLANTIC CITY SALES

		INPUT	ALLOC	OUTPUT	REFERENCE EX- HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES								
2	PRODUCTION - SUSQ								
3	DEMAND RELATED	KA900	A1X	KA901D	AJB3	A11	13,880	916	12,964
4	ENERGY RELATED	KA902	A1X	KA903E	AJB3	A11	10,629	702	9,927
5	PRODUCTION - OTHER								
6	DEMAND RELATED	KB900	A2X	KB901D	AJB3	A13	25,997	0	25,997
7	ENERGY RELATED	KB902	A2X	KB903E	AJB3	A13	21,113	0	21,113
8	TRANSMISSION	K904	P20	K905	REG	IIIA21	4,548	300	4,248
9	DISTRIBUTION	K906	P30	K907	REG	IIIA21	30,775	0	30,775
10	CUSTOMER ACCTS	K920	A3X	K921	REG	IIIA21	12,462	0	12,462
11	CUSTOMER SERV & INFO	K922	A3X	K923	REG	IIIA21	4,962	0	4,962
12	SALES	K924	A3X	K925	REG	IIIA21	818	0	818
13	SUB-TOTAL			K929			125,184	1,918	123,266
14	ADMIN & GENERAL	K930	K929	K931	REG	IIIA21	25,863	396	25,467
15	TOTAL			K939			151,047	2,314	148,733
16	WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
17	PRODUCTION-SUSQ	KA910	A1X	KA911	AJB3	A11	24,509	1,618	22,891
18	PRODUCTION-OTHER	KB910	A2X	KB911	AJB3	A13	47,110	0	47,110
19	TRANSMISSION	K904	P20	K905	REG	IIIA21	4,548	300	4,248
20	DISTRIBUTION	K906	P30	K907	REG	IIIA21	30,775	0	30,775
21	CUSTOMER ACCTS	K920	A3X	K921	REG	IIIA21	12,462	0	12,462
22	CUSTOMER SERV & INFO	K922	A3X	K923	REG	IIIA21	4,962	0	4,962
23	SALES	K924	A3X	K925	REG	IIIA21	818	0	818
24	TOTAL			K433			125,184	1,918	123,266

SECTION III

PART II

ASSIGNMENT TO OTHER WHOLESALE SALES SUPPLIES

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	PRIMARY	RESALE UGI	TOTAL	PENNA. JURISDICT
1	ELECTRIC PLANT IN SERVICE									
2	SUSQ PROD PLANT	Q08	D10	P08	1,556,519	26,434	11,109	27,583	65,126	1,491,393
3	OTHER PROD PLANT	Q09	D10	P09	1,261,388	21,422	9,003	22,353	52,778	1,208,610
4	TOTAL PROD PLANT			P10	2,817,907	47,856	20,112	49,936	117,904	2,700,003
5	TRANSMISSION-SUSQUEHANNA	Q18	P08	P18	8,732	148	63	154	365	8,367
6	OTHER TRANSMISSION	Q19	P09	P19	380,570	6,463	2,716	6,745	15,924	364,646
7	TOTAL TRANSMISSION			P20	389,302	6,611	2,779	6,899	16,289	373,013
8	DISTRIBUTION PLANT									
9	SUBSTATIONS									
10	GENERATION STEP-UP	Q26	P09	P26	570	10	4	10	24	546
11	66/138 KV	Q27	P09	P27	4,236	72	30	75	177	4,059
12	PRIMARY	Q28	D20	P28	104,089	0	940	0	940	103,149
13	SECONDARY	Q29	D30	P29	41,998	0	0	0	0	41,998
14	TOTAL SUBSTATIONS			PSS	150,893	82	974	85	1,141	149,752
15	OVERHEAD LINES									
16	66/138 KV	Q31	P09	P31	154,978	2,632	1,106	2,746	6,484	148,494
17	PRIMARY	Q32	D20	P32	129,276	0	1,168	0	1,168	128,108
18	SECONDARY									
19	DEMAND COMPONENT	Q33	D30	P33	65,243	0	0	0	0	65,243
20	CUSTOMER COMPONENT	Q34	C30	P34	237,222	0	0	0	0	237,222
21	STREET LIGHTING	Q35	XP1	P35	26,826	0	0	0	0	26,826
22	TOTAL OVERHEAD LINES			POL	613,545	2,632	2,274	2,746	7,652	605,893
23	UNDERGROUND LINES									
24	66/138 KV	Q36	P09	P36	4,308	73	31	76	180	4,128
25	PRIMARY	Q37A	D20	P37A	6,983	0	63	0	63	6,920
26	SECONDARY									
27	DEMAND COMPONENT	Q37	D30	P37	30,972	0	0	0	0	30,972
28	CUSTOMER COMPONENT	Q38	C30	P38	31,919	0	0	0	0	31,919
29	TOTAL UNDERGROUND LINES			PUG	74,182	73	94	76	243	73,939
30	LINE TRANSFORMERS									
31	DEMAND COMPONENT	Q39	D30	P39	124,297	0	0	0	0	124,297
32	CUSTOMER COMPONENT	Q40	K401	P40	17,627	0	0	0	0	17,627
33	TOTAL LINE TRANSFORMERS			PLT	141,924	0	0	0	0	141,924
34	SERVICES									
35	DEMAND COMPONENT	Q41	D31	P41	26,173	0	0	0	0	26,173
36	CUSTOMER COMPONENT	Q42	C31	P42	78,519	0	0	0	0	78,519
37	TOTAL SERVICES			PSV	104,692	0	0	0	0	104,692
38	METERS	Q43	CW1	P43	46,391	32	20	0	52	46,339
39	AREA LIGHTING FIXTURES	Q44	XP2	P44	2,383	0	0	0	0	2,383
40	STREET LIGHTING	Q46	XP1	P46	22,174	0	0	0	0	22,174
41	TOTAL DISTRIBUTION PLANT			P30	1,156,184	2,819	3,362	2,907	9,088	1,147,096
42	PROD/TRANS/DIST PLANT			AT1	4,363,393	57,286	26,253	59,742	143,281	4,220,112
43	OTHER PROD/TRANS/DIST PLANT			AT1A	2,798,142	30,704	15,081	32,005	77,790	2,720,352
44	TRANS/DIST PLANT			AT2	1,545,486	9,430	6,141	9,806	25,377	1,520,109
45	DISTRIBUTION SECONDARY			AT3	751,744	32	20	0	52	751,692
46	GENERAL PLANT	Q88	K433	P88	121,459	1,316	611	1,374	3,301	118,158
47	INTANGIBLE PLANT	Q95	K433	P95	635	7	3	7	17	618
48	ELECTRIC PLANT SUSQUEHANNA			P00S	1,565,251	26,582	11,172	27,737	65,491	1,499,760
49	ELECTRIC PLANT OTHER			P00O	2,920,236	32,027	15,695	33,386	81,108	2,839,128
50	ELECTRIC PLANT IN SERVICE			P00	4,485,487	58,609	26,867	61,123	146,599	4,338,888

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1	RESERVE FOR DEPRECIATION									
2	SUSQ PROD FUNC	H08	P08	A08	2,307	39	17	41	97	2,210
3	OTHER PROD FUNC	H09	P09	A09	439,511	7,464	3,137	7,789	18,390	421,121
4	TOTAL PROD FUNC			A10	441,818	7,503	3,154	7,830	18,487	423,331
5	TRANSMISSION-SUSQUEHANNA	H18	P18	A18	51	1	0	1	2	49
6	OTHER TRANSMISSION	H19	P19	A19	75,557	1,283	539	1,339	3,161	72,396
7	TOTAL TRANSMISSION			A20	75,608	1,284	539	1,340	3,163	72,445
8	DISTRIBUTION FUNCTION									
9	SUBSTATIONS									
10	GENERATION STEP-UP	H26	P26	A26	139	2	1	3	6	133
11	66/138 KV	H27	P27	A27	1,056	18	7	19	44	1,012
12	PRIMARY	H28	P28	A28	25,312	0	229	0	229	25,083
13	SECONDARY	H29	P29	A29	10,490	0	0	0	0	10,490
14	TOTAL SUBSTATIONS			AST	36,997	20	237	22	279	36,718
15	OVERHEAD LINES									
16	66/138 KV	H31	P31	A31	41,540	705	297	736	1,738	39,802
17	PRIMARY	H32	P32	A32	35,461	0	320	0	320	35,141
18	SECONDARY									
19	DEMAND COMPONENT	H33	P33	A33	18,128	0	0	0	0	18,128
20	CUSTOMER COMPONENT	H34	P34	A34	64,092	0	0	0	0	64,092
21	STREET LIGHTING	H35	P35	A35	6,379	0	0	0	0	6,379
22	TOTAL OVERHEAD LINES			AOL	165,600	705	617	736	2,058	163,542
23	UNDERGROUND LINES									
24	66/138 KV	H36	P36	A36	886	15	6	16	37	849
25	PRIMARY	H37A	P37A	A37A	1,440	0	13	0	13	1,427
26	SECONDARY									
27	DEMAND COMPONENT	H37	P37	A37	6,387	0	0	0	0	6,387
28	CUSTOMER COMPONENT	H38	P38	A38	6,583	0	0	0	0	6,583
29	TOTAL UNDERGROUND LINES			AUG	15,296	15	19	16	50	15,246
30	LINE TRANSFORMERS									
31	DEMAND COMPONENT	H39	P39	A39	40,268	0	0	0	0	40,268
32	CUSTOMER COMPONENT	H40	P40	A40	5,710	0	0	0	0	5,710
33	TOTAL LINE TRANSFORMERS			ALT	45,978	0	0	0	0	45,978
34	SERVICES									
35	DEMAND COMPONENT	H41	P41	A41	9,995	0	0	0	0	9,995
36	CUSTOMER COMPONENT	H42	P42	A42	29,985	0	0	0	0	29,985
37	TOTAL SERVICES			ASV	39,980	0	0	0	0	39,980
38	METERS	H43	P43	A43	16,659	11	8	0	19	16,640
39	AREA LIGHTING FIXTURES	H44	P44	A44	1,000	0	0	0	0	1,000
40	STREET LIGHTING	H46	P46	A46	11,661	0	0	0	0	11,661
41	TOTAL DISTRIBUTION FUNCTION			A30	333,171	751	881	774	2,406	330,765
42	GENERAL FUNCTION	H88	P88	A88	26,254	284	133	297	714	25,540
43	RES FOR DEPREC SUSQUEHANNA			A00S	2,358	40	17	42	99	2,259
44	RES FOR DEPRECIATION OTHER			A000	874,493	9,782	4,690	10,199	24,671	849,822
45	RESERVE FOR DEPRECIATION			A00	876,851	9,822	4,707	10,241	24,770	852,081
46	NET PLANT SUSQUEHANNA			P01S	1,562,893	26,542	11,155	27,695	65,392	1,497,501
47	NET PLANT OTHER			P010	2,045,743	22,245	11,005	23,187	56,437	1,989,306
48	NET PLANT IN SERVICE			P01	3,608,636	48,787	22,160	50,882	121,829	3,486,807

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	RESALE TOTAL	PENNA. JURISDICT
1 ADDITIONS TO NET PLANT									
2 PLANT HELD FOR FUTURE USE									
3 PRODUCTION PLANT	QF10	P09	PF10	1,920	33	13	34	80	1,840
4 TRANSMISSION PLANT	QF20	P20	PF20	654	11	5	11	27	627
5 DISTRIBUTION									
6 66-138KV	QF31	P09	PF31	5,765	98	41	102	241	5,524
7 PRIMARY	QF32	D20	PF32	1,406	0	13	0	13	1,393
8 SECONDARY	QF33	AT3	PF33	262	0	0	0	0	262
9 TOTAL DISTRIBUTION PLANT			PF30	7,433	98	54	102	254	7,179
10 GENERAL PLANT	QF88	P88	PF88	2,234	24	11	26	61	2,173
11 TOT PL HELD FOR FUTURE USE			PF00	12,241	166	83	173	422	11,819
12 POLLUTION CONTROL PROJECTS	IPC	P09	PC00	2,684	46	19	47	112	2,572
13 ASSOCIATED RETIREMENTS	IPCR	P09	PCR0	0	0	0	0	0	0
14 TOTAL ADDITIONS TO NET PLANT			PLADD	14,925	212	102	220	534	14,391
15 WORKING CAPITAL									
16 SUSQ FUEL INVENTORY	M08	U10	W08	163	2	2	2	6	157
17 OTHER FUEL INVENTORY	M09	U10	W09	177,652	2,717	1,285	2,336	6,338	171,314
18 TOTAL FUEL INVENTORY			W10	177,815	2,719	1,287	2,338	6,344	171,471
19 PLANT MATERIALS AND SUPPLIES									
20 PRODUCTION PLANT	M12	P09	W12	2,222	38	16	39	93	2,129
21 TRANS/DIST PLANT	M14	AT2	W14	20,332	124	81	129	334	19,998
22 TOT PL MATERIALS & SUPPLIES			WT2	22,554	162	97	168	427	22,127

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	PRIMARY	RESALE UGI	TOTAL	PENNA. JURISDICT
1 WORKING CAPITAL CONTINUED									
2 EXP APPLICABLE FOR WORKING CAPITAL									
3 TOTAL O & M EXPENSE			EE00	653,852	8,387	4,055	7,675	20,117	633,735
4 LESS NET INTERCHANGE			EE05	-557,470	-8,524	-4,036	-7,329	-19,889	-537,581
5 LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	5,476	0	0	0	0	5,476
6 TOTAL APPLICABLE EXPENSE			WCAP	1,205,846	16,911	8,091	15,004	40,006	1,165,840
7 WORKING CAPITAL-O & M SUSQ	CASH1	WCAP	WCA1	3,754	53	25	47	125	3,629
8 WORKING CAPITAL-O & M OTHER	CASH2	WCAP	WCA2	41,507	582	279	516	1,377	40,130
9 TOTAL WORKING CAPITAL			WCA	45,261	635	304	563	1,502	43,759
10 PREPAYMENTS									
11 PREPAID INSURANCE-SUSQ	MC2BS	P08	WCPBS	1,558	26	12	27	65	1,493
12 PREPAID INSURANCE-OTHER	MC2B	AT1A	WCPB	1,575	17	9	18	44	1,531
13 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	216	1	1	2	4	212
14 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	366	5	2	5	12	354
15 TOTAL PREPAYMENTS			WCP	3,715	49	24	52	125	3,590
16 SUSQ ACCRUED TAX ADJUST	MC10	WCA1	WCT10	-152	-2	-1	-2	-5	-147
17 OTHER ACCRUED TAX ADJUST	MC12	WCA2	WCT12	8,998	126	61	112	299	8,699
18 TOTAL ACCRUED TAX ADJUST			WCT	8,846	124	60	110	294	8,552
19 SEMI ANNUAL INTEREST SUSQ	AE	WCA1	EA00	-12,166	-172	-81	-152	-405	-11,761
20 SEMI ANNUAL INTEREST OTHER	AEE	WCA2	EEA00	-16,972	-238	-114	-211	-563	-16,409
21 PREF DIV PAYMENTS SUSQ	AF	WCA1	FA00	-734	-10	-5	-9	-24	-710
22 PREF DIV PAYMENTS OTHER	AFF	WCA2	FFA00	-1,016	-14	-7	-13	-34	-982
23 TOT INT & PREF DIV PAYMENTS			EAFA1	-30,888	-434	-207	-385	-1,026	-29,862
24 WORKING CAPITAL SUSQUEHANNA			W00S	-7,577	-103	-48	-87	-238	-7,339
25 WORKING CAPITAL OTHER			W000	234,880	3,358	1,613	2,933	7,904	226,976
26 TOTAL WORKING CAPITAL			W00	227,303	3,255	1,565	2,846	7,666	219,637

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 DEDUCTIONS FROM NET PLANT									
2 ACCUMULATED DEFERRED INCOME TAXES									
3 ACCELERATED AMORTIZATION	TCC00	P09	DF00	2,382	40	17	43	100	2,282
4 LIBERALIZED DEPRECIATION	TCC01	P000	DF01	55,647	610	299	637	1,546	54,101
5 ACCEL COST RECOVERY SUSQ	TCC02	P00S	DF02	100,041	1,699	714	1,773	4,186	95,855
6 ACCEL COST RECOVERY OTHER	TCC05	P000	DF05	11,928	131	64	136	331	11,597
7 TEST POWER MARTINS CREEK	TCC03	U10	DF03	6,674	102	48	88	238	6,436
8 TEST POWER SUSQUEHANNA	TCC06	U10	DF06	-44,920	-687	-325	-591	-1,603	-43,317
9 CONV TO MONTHLY BILLING	TCC04	K401	DF04	3,019	0	0	0	0	3,019
10 TOTAL ACCUM DEFERRED TAXES			DF99	134,771	1,895	817	2,086	4,798	129,973
11 CUSTOMER ADVANCES	AC	K401	CA00	163	0	0	0	0	163
12 CUSTOMER DEPOSITS	AD	K401	DA00	1,841	0	0	0	0	1,841
13 DEDUCTS FROM NET PLANT SUSQ			PLDEDS	55,121	1,012	389	1,182	2,583	52,538
14 DEDUCTS FROM NET PLANT OTHER			PLDEDO	81,654	883	428	904	2,215	79,439
15 TOT DEDUCTIONS FROM NET PLANT			PLDED	136,775	1,895	817	2,086	4,798	131,977

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE				PENNA. JURISDICT
						TRANSMISSION	PRIMARY	UGI	TOTAL	
1	OTHER OPERATING REVENUES									
2	MISCELLANEOUS	S12	C10	R12	200	0	0	0	0	200
3	RENT FROM ELEC PROP RELATED TO:									
4	TRANSMISSION	S13	P20	R13	1,014	17	7	18	42	972
5	DISTRIBUTION	S14	P30	R14	3,781	9	11	10	30	3,751
6	TRANS/DIST	S15	AT2	R15	30	0	0	0	0	30
7	GENERAL	S16	P88	R16	238	3	1	2	6	232
8	TOTAL RENT FROM ELEC PROP			R19	5,063	29	19	30	78	4,985
9	OTHER ELEC REVENUES RELATED TO:									
10	PRODUCTION	S20A	P09	R20A	708	12	5	13	30	678
11	TRANSMISSION	S20B	P20	R20B	2,105	36	15	37	88	2,017
12	DIST-OVERHEAD LINES	S20F	PDL	R20F	293	1	1	2	4	289
13	RCS PROGRAM	S20G	K401	R20G	24	0	0	0	0	24
14	GENERAL	S20H	P88	R20H	23	0	0	1	1	22
15	CUSTOMER ACCOUNTS	S20I	CW4	R20I	183	0	0	0	0	183
16	TOTAL-OTHER ELEC REVENUES			R20	3,336	49	21	53	123	3,213
17	TOTAL OTHER OPERATING REVS			R21	8,599	78	40	83	201	8,398

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1	OPERATION AND MAINTENANCE EXPENSE									
2	PRODUCTION FUNCTION									
3	NUCLEAR FUEL	G01	U10	EE01	24,835	380	180	326	886	23,949
4	FOSSIL FUEL W/O SUSQ	G02	U10	EE02	779,819	11,924	5,644	10,253	27,821	751,998
5	FUEL ADJUST WITH SUSQ	G02A	U10	EE02A	-18,632	-285	-135	-245	-665	-17,967
6	TOTAL FOSSIL FUEL			EE02T	761,187	11,639	5,509	10,008	27,156	734,031
7	NET INTERCHANGE W/O SUSQ	G03	U10	EE03	-357,342	-5,464	-2,587	-4,698	-12,749	-344,593
8	INTERCHANGE ADJ WITH SUSQ	G04	U10	EE04	-200,128	-3,060	-1,449	-2,631	-7,140	-192,988
9	TOTAL NET INTERCHANGE			EE05	-557,470	-8,524	-4,036	-7,329	-19,889	-537,581
10	PURCHASES- AE BUYBACK			EE06	20,541	346	146	356	848	19,693
11	DEMAND COMPONENT	G06D	P09	EE06D	18,710	318	133	332	783	17,927
12	ENERGY COMPONENT	G06E	U10	EE06E	1,831	28	13	24	65	1,766
13	PURCHASES- OTHER			EE07	3,100	53	22	55	130	2,970
14	DEMAND COMPONENT	G07D	P09	EE07D	3,100	53	22	55	130	2,970
15	ENERGY COMPONENT	G07E	U10	EE07E	0	0	0	0	0	0
16	OTHER PRODUCTION EXP- SUSQ			EE08	57,512	931	413	895	2,239	55,273
17	DEMAND COMPONENT	G08D	P08	EE08D	30,458	517	218	539	1,274	29,184
18	ENERGY COMPONENT	G08E	U10	EE08E	27,054	414	195	356	965	26,089
19	OTHER PRODUCTION EXP- OTHER			EE09	112,659	1,810	810	1,719	4,339	108,320
20	DEMAND COMPONENT	G09D	P09	EE09D	51,783	879	370	918	2,167	49,616
21	ENERGY COMPONENT	G09E	U10	EE09E	60,876	931	440	801	2,172	58,704
22	FUEL HANDLING	G11	U10	EE11	14,779	226	107	194	527	14,252
23	INST CAP PAYMENTS W/O SUSQ	G12	P09	EE12	-712	-12	-5	-13	-30	-682
24	INST CAP PAYMENTS ADJ W/SUSQ	G13	P09	EE13	-284	-5	-2	-5	-12	-272
25	TOT INSTALLED CAPACITY PAYMT			EE13T	-996	-17	-7	-18	-42	-954
26	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,615	116	56	100	272	7,343
27	DECOMMISSIONING COSTS	G93	P08	EE93	2,469	42	18	43	103	2,366
28	TOTAL PRODUCTION FUNCTION			EE10	446,231	7,002	3,218	6,349	16,569	429,662
29	TRANSMISSION FUNCTION	G20	P20	EE20	10,102	172	72	179	423	9,679
30	DISTRIBUTION FUNCTION									
31	SUBSTATIONS									
32	GENERATION STEP-UP	G26	P26	EE26	32	1	0	0	1	31
33	66/138 KV	G27	P27	EE27	232	4	2	4	10	222
34	PRIMARY	G28	P28	EE28	5,655	0	51	0	51	5,604
35	SECONDARY	G29	P29	EE29	2,283	0	0	0	0	2,283
36	TOTAL SUBSTATIONS			EESS	8,202	5	53	4	62	8,140
37	OVERHEAD LINES									
38	66/138 KV	G31	P31	EE31	8,585	146	61	152	359	8,226
39	PRIMARY	G32	P32	EE32	7,144	0	65	0	65	7,079
40	SECONDARY									
41	DEMAND COMPONENT	G33	P33	EE33	3,604	0	0	0	0	3,604
42	CUSTOMER COMPONENT	G34	P34	EE34	13,117	0	0	0	0	13,117
43	STREET LIGHTING	G35	P35	EE35	1,487	0	0	0	0	1,487
44	TOTAL OVERHEAD LINES			EEOL	33,937	146	126	152	424	33,513

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1 OPERATION AND MAINTENANCE EXPENSE CONTINUED									
2 UNDERGROUND LINES									
3 66/138 KV	G36	P36	EE36	199	3	2	3	8	191
4 PRIMARY	G37A	P37A	EE37A	323	0	3	0	3	320
5 SECONDARY									
6 DEMAND COMPONENT	G37	P37	EE37	1,435	0	0	0	0	1,435
7 CUSTOMER COMPONENT	G38	P38	EE38	1,479	0	0	0	0	1,479
8 TOTAL UNDERGROUND LINES			EEUG	3,436	3	5	3	11	3,425
9 LINE TRANSFORMERS									
10 DEMAND COMPONENT	G39	P39	EE39	2,875	0	0	0	0	2,875
11 CUSTOMER COMPONENT	G40	P40	EE40	408	0	0	0	0	408
12 TOTAL LINE TRANSFORMERS			EELT	3,283	0	0	0	0	3,283
13 MISC DIST EXPENSE & RENTS	G41	P30	EE41	9,020	22	26	23	71	8,949
14 METERS	G43	P43	EE43	5,607	4	2	0	6	5,601
15 STREET LIGHTING	G46	P46	EE46	2,123	0	0	0	0	2,123
16 CUSTOMER INSTALLATIONS	G47	C31	EE47	3,596	0	0	0	0	3,596
17 TOTAL DISTRIBUTION FUNCTION			EE30	69,204	180	212	182	574	68,630
18 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	6,243	4	3	0	7	6,236
19 CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	21,736	0	1	0	1	21,735
20 SALES FUNCTION	G60	K401	EE60	1,146	0	0	0	0	1,146
21 CUST SERVICE & INFORMATION	G65	K401	EE65	7,175	0	0	0	0	7,175
22 ADMINISTRATIVE AND GENERAL									
23 PUC - REGULATORY EXPENSE	G70P	K401	EE70P	393	0	0	0	0	393
24 FERC - REGULATORY EXPENSE	G70F	XP3	EE70F	139	52	78	9	139	0
25 PROPERTY INSURANCE	G72	P09	EE72	4,085	69	30	72	171	3,914
26 OTHER ADMIN & GENERAL	G74	K929	EE74	72,383	754	366	734	1,854	70,529
27 TOTAL A & G EXPENSE			EE76	77,000	875	474	815	2,164	74,836
28 ADJUSTMENTS TO O & M EXPENSE									
29 WAGE EXPENSE	G83	K939	EE83	12,969	135	66	131	332	12,637
30 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	1,816	19	9	19	47	1,769
31 PUC - REGULATORY EXPENSE	G87	K401	EE87	-161	0	0	0	0	-161
32 INTEREST ON CUST DEPOSITS	G89	K401	EE89	166	0	0	0	0	166
33 RCS PROGRAM EXPENSE	G90	K401	EE90	225	0	0	0	0	225
34 O & M EXPENSE SUSQUEHANNA			EE00S	-106,072	-1,535	-773	-1,161	-3,469	-102,603
35 O & M EXPENSE OTHER			EE000	759,924	9,922	4,828	8,836	23,586	736,338
36 TOTAL O & M EXPENSE			EE00	653,852	8,387	4,055	7,675	20,117	633,735

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY		RESALE		PENNA. JURISDICT
					TRANSMISSION	PRIMARY	UGI	TOTAL	
1 DEPRECIATION EXPENSE				13,843	235	99	245	579	13,264
2 SUSQ PROD FUNCTION	GD08	P08	ED08	43,785	744	312	776	1,832	41,953
3 OTHER PROD FUNCTION	GD09	P09	ED09	57,628	979	411	1,021	2,411	55,217
4 TOTAL PROD FUNCTION			ED10	175	3	1	3	7	168
5 TRANSMISSION-SUSQUEHANNA	GD18	P18	ED18	8,078	137	58	143	338	7,740
6 OTHER TRANSMISSION	GD19	P19	ED19	8,253	140	59	146	345	7,908
7 TOTAL TRANSMISSION			ED20						15
8 DISTRIBUTION FUNCTION							1	1	118
9 SUBSTATIONS				16	0	0	2	5	2,906
10 GENERATION STEP-UP	GD26	P26	ED26	123	2	1	0	26	1,213
11 66/138 KV	GD27	P27	ED27	2,932	0	26	0	0	4,252
12 PRIMARY	GD28	P28	ED28	1,213	2	0	3	32	
13 SECONDARY	GD29	P29	ED29	4,284		27			4,829
14 TOTAL SUBSTATIONS			EDSS		86		89	211	4,342
15 OVERHEAD LINES				5,040	0	36	0	40	
16 66/138 KV	GD31	P31	ED31	4,382		40			2,225
17 PRIMARY	GD32	P32	ED32		0		0	0	7,991
18 SECONDARY				2,225	0	0	0	0	859
19 DEMAND COMPONENT	GD33	P33	ED33	7,991	0	0	0	0	20,246
20 CUSTOMER COMPONENT	GD34	P34	ED34	859	0	0	89	251	
21 STREET LIGHTING	GD35	P35	ED35	20,497	86	76			102
22 TOTAL OVERHEAD LINES			EDOL				1	4	168
23 UNDERGROUND LINES				106	2	1	0	2	
24 66/138 KV	GD36	P36	ED36	170	0	2			753
25 PRIMARY	GD37A	P37A	ED37A			0	0	0	776
26 SECONDARY				753	0	0	0	0	1,799
27 DEMAND COMPONENT	GD37	P37	ED37	776	0	0	1	6	
28 CUSTOMER COMPONENT	GD38	P38	ED38	1,805	2	3			4,918
29 TOTAL UNDERGROUND LINES			EDUG				0	0	698
30 LINE TRANSFORMERS				4,918	0	0	0	0	5,616
31 DEMAND COMPONENT	GD39	P39	ED39	698	0	0	0		
32 CUSTOMER COMPONENT	GD40	P40	ED40	5,616		0	0	0	1,614
33 TOTAL LINE TRANSFORMERS			EDLT		0	0	0	0	4,841
34 SERVICES				1,614	0	0	0	0	6,455
35 DEMAND COMPONENT	GD41	P41	ED41	4,841	0	0	0	2	1,684
36 CUSTOMER COMPONENT	GD42	P42	ED42	6,455	1	1	0	0	238
37 TOTAL SERVICES			EDSV	1,686	0	0	0	0	1,232
38 METERS	GD43	P43	ED43	238	0	0	93	291	41,522
39 AREA LIGHTING FIXTURES	GD44	P44	ED44	1,232	91	107			
40 STREET LIGHTING	GD46	P46	ED46	41,813			36	86	3,084
41 TOTAL DISTRIBUTION FUNCTION			ED30			16			
					34				
42 GENERAL FUNCTION	GD88	P88	ED88	3,170					
							248	586	13,432
						100	1,048	2,547	94,299
					238	493	1,296	3,133	107,731
43 DEPRECIATION EXPENSE SUSQ			EDOOS	14,018	1,006	593			
44 DEPRECIATION EXPENSE OTHER			EDOOO	96,846	1,244				
45 TOTAL DEPRECIATION EXPENSE			EDO0	110,864					

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	PRIMARY	RESALE UGI	TOTAL	PENNA. JURISDICT
1	SUSQ PAYROLL TAXES	GP01	K939	EP01	1,326	14	7	13	34	1,292
2	OTHER PAYROLL TAXES	GP02	K939	EP02	8,623	90	43	88	221	8,402
3	TOTAL PAYROLL TAXES			EP00	9,949	104	50	101	255	9,694
4	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS									
5	CAPITAL STOCK TAX	GT1	P01	ET1	11,358	154	69	160	383	10,975
6	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0	0	0
7	REGULATORY COMM ASSESSMENT	GT5	K401	ET5	1,436	0	0	0	0	1,436
8	LOCAL PROPERTY TAXES	GT6	P01	ET6	174	2	1	3	6	168
9	SALES & USE TAX	GT7	P01	ET7	426	6	2	6	14	412
10	OTHER TAXES AT PRESENT RATES			ET00	13,394	162	72	169	403	12,991
11	CAP STOCK TAX ADJUST SUSQ	GT8	K401	ET8	582	0	0	0	0	582
12	CAP STOCK TAX ADJUST OTHER	GT9	K401	ET9	290	0	0	0	0	290
13	ADJUSTED OTHER TAXES			ET01	14,266	162	72	169	403	13,863

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1 AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	712	12	5	13	30	682
2 DEFERRED INCOME TAXES - NET									
3 ACCEL AMORT EMERG FACIL	INCD1	P09	TXD1	-300	-5	-2	-6	-13	-287
4 ACCEL AMORT POLLUTION CTL	INCD2	P09	TXD2	-126	-2	-1	-2	-5	-121
5 CLASS LIFE SYSTEM	INCD3	P00D	TXD3	-47	-1	0	0	-1	-46
6 REMOVAL COSTS	INCD4	P00D	TXD4	-769	-8	-5	-8	-21	-748
7 ACCEL COST RECOVERY OTHER	INCD5	P00D	TXD5	7,966	87	43	91	221	7,745
8 ACCEL COST RECOVERY SUSQ	INCD6	P00S	TXD6	77,475	1,316	553	1,373	3,242	74,233
9 TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-249	-4	-2	-3	-9	-240
10 EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-296	-5	-2	-5	-12	-284
11 DECOMMISSIONING COST	INCDA	P08	TXDA	-1,276	-22	-9	-22	-53	-1,223
12 SPENT NUC FUEL DISP COSTS	INCDB	U10	TXDB	-3,935	-60	-29	-51	-140	-3,795
13 TEST POWER SUSQUEHANNA	INCDC	U10	TXDC	402	6	3	5	14	388
14 CONV TO MONTHLY BILLING	INCDD	K401	TXDD	-562	0	0	0	0	-562
15 DEMONSTRATION PROJECTS	INCDE	K401	TXDE	86	0	0	0	0	86
16 RCS PROGRAM	INCDF	K401	TXDF	-39	0	0	0	0	-39
17 DEFERRED INCOME TAXES - NET			TXD31	78,330	1,302	549	1,372	3,223	75,107
18 SUSQ INVEST TAX CREDIT AMORT	INCD36	P00	TXD36	-1,071	-14	-6	-15	-35	-1,036
19 OTHER INVEST TAX CREDIT AMORT	INCD37	P00	TXD37	-2,093	-27	-13	-28	-68	-2,025
20 TOTAL INVEST TAX CREDIT AMORT			TXD38	-3,164	-41	-19	-43	-103	-3,061
21 SUSQ ITC PROV PRESENT RATES	INCD33	P00	TXD33	-47,450	-620	-284	-647	-1,551	-45,899
22 OTHER ITC PROV PRESENT RATES	INCD34	P00	TXD34	56,282	735	338	766	1,839	54,443
23 TOTAL ITC PROV PRESENT RATES			TXD35	8,832	115	54	119	288	8,544
24 SUSQ ITC PROV ADJ PROP RATES	INVA	K401	IXVA	69,276	0	0	0	0	69,276
25 OTHER ITC PROV ADJ PROPOSED	INVB	K401	IXVB	35,939	0	0	0	0	35,939
26 TOTAL ITC PROV ADJ PROPOSED			IXVT	105,215	0	0	0	0	105,215
27 NET INVEST TAX CR PRES RATES			TXD39	5,668	74	35	76	185	5,483
28 NET INVEST TAX CR PROP RATES			TXD32	110,883	74	35	76	185	110,698

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF INCOME TAX DEDUCTIONS
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY RESALE TRANSMISSION	PRIMARY	UGI	TOTAL	PENNA. JURISDICT
1	LATE PAYMENT CHARGE	S11	K401	LPC	3,307	0	0	0	0	3,307
2	LATE PAYMENT CHARGE	S10	K401	LPCP	4,140	0	0	0	0	4,140
3	INTEREST EXPENSE SUSQ	INCD10	P01	TXD10	84,373	1,141	518	1,189	2,848	81,525
4	INTEREST EXPENSE OTHER	INCD11	P01	TXD11	117,446	1,588	721	1,656	3,965	113,481
5	FEDERAL INCOME TAX ADJUSTMENTS									
6	TAXES CAPITALIZED	INCD12	P00	TXD12	-6,160	-80	-37	-84	-201	-5,959
7	PENSIONS CAPITALIZED SUSQ	INCD20	P00S	TXD20	2,454	42	17	44	103	2,351
8	PENSIONS CAPITALIZED OTHER	INCD13	P000	TXD13	-11,115	-122	-60	-127	-309	-10,806
9	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	14,018	238	100	248	586	13,432
10	BOOK DEPRECIATION OTHER	INCD15	ED000	TXD15	96,846	1,006	493	1,048	2,547	94,299
11	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	94	1	1	1	3	91
12	TAX DEPRECIATION - SUSQ	INCD17	ED00S	TXD17	-181,256	-3,077	-1,293	-3,207	-7,577	-173,679
13	TAX DEPRECIATION - OTHER	INCD18	ED000	TXD18	-106,089	-1,102	-540	-1,148	-2,790	-103,299
14	REMOVAL COSTS	INCD19	P000	TXD19	-5,941	-65	-32	-68	-165	-5,776
15	AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	712	12	5	13	30	682
16	CONV TO MONTHLY BILLING	INCD23	K401	TXD23	1,104	0	0	0	0	1,104
17	AMORTIZATION OF RAR ITEMS	INCD24	P01	TXD24	-4	0	0	0	0	-4
18	DEMONSTRATION PROJECTS	INCD25	K401	TXD25	-162	0	0	0	0	-162
19	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-852	-12	-5	-12	-29	-823
20	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,615	116	56	100	272	7,343
21	DECOMMISSIONING COSTS	G93	P08	EE93	2,469	42	18	43	103	2,366
22	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	4,565	70	33	60	163	4,402
23	PA INCOME TAX ADJUSTMENT									
24	TAX PREFERENCE INCOME									
25	EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	3,984	68	28	71	167	3,817
26	OTHER	NCD40B	P09	TXD40B	1,084	18	8	19	45	1,039
27	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,927	220	92	229	541	12,386
28	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	2,579	28	14	30	72	2,507
29	SURTAX	SURTAX	P01	SURT	19	0	0	1	1	18
30	SUSQ ITC PROV ADJ PROP RATES	INVA	K401	IXVA	69,276	0	0	0	0	69,276
31	OTHER ITC PROV ADJ PROPOSED	INVB	K401	IXVB	35,939	0	0	0	0	35,939
32	TOTAL ITC PROV ADJ PROPOSED			IXVT	105,215	0	0	0	0	105,215

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF ALLOCATORS

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

SEE SECTIONS A & B FOR FURTHER DETAILS

	INPUT	ALLOC	OUTPUT	NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	TOTAL	PENNA. JURISDICT
1 AMOUNTS EXPRESSED IN $1,000									
2 METER INVESTMENT	CW1			46,391	32	20	0	52	46,339
3 CUSTOMER ACCOUNTS EXPENSE	CW4			21,736	0	1	0	1	21,735
4 AMOUNTS EXPRESSED IN UNITS									
5 CUSTOMERS	C10			1,014,713	6	9	1	16	1,014,697
6 CUSTS SECONDARY SUBS & LINES	C30			1,013,899	0	0	0	0	1,013,899
7 CUSTS SECONDARY SERVICES	C31			1,013,164	0	0	0	0	1,013,164
8 AMOUNTS EXPRESSED IN MW									
9 DEMAND PROD/TRANS	D10			4,063	69	29	72	170	3,893
10 DEMAND PRIMARY CUSTS & BELOW	D20			3,210	0	29	0	29	3,181
11 DEMAND SECONDARY CUSTOMERS	D30			4,082	0	0	0	0	4,082
12 DEMAND SECONDARY SERVICES	D31			4,048	0	0	0	0	4,048
13 AMOUNTS EXPRESSED IN MWH									
14 ENERGY AT GENERATION LEVEL	U10			25,346,631	387,584	183,447	333,245	904,276	24,442,355
15 ENERGY AT SALES LEVEL	U15			23,587,468	375,750	172,577	333,245	881,572	22,705,896
16 DIRECT ASSIGNMENT									
17 DIRECT TO PENNA. JURISDICT	K401			1	0	0	0	0	1
18 DIRECT TO STREET LIGHTING	XP1			1	0	0	0	0	1
19 DIRECT TO AREA LIGHTING	XP2			1	0	0	0	0	1
20 FERC SYSTEM SUPPLY CUSTOMERS	XP3			16	6	9	1	16	0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

				NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	RESALE TOTAL	PENNA. JURISDICT
1 WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES									
2 PRODUCTION - SUSQ									
3 DEMAND RELATED	KA900	P08	KA901D	12,964	220	93	229	542	12,422
4 ENERGY RELATED	KA902	U10	KA903E	9,927	152	72	130	354	9,573
5 PRODUCTION - OTHER									
6 DEMAND RELATED	KB900	P09	KB901D	25,997	442	185	461	1,088	24,909
7 ENERGY RELATED	KB902	U10	KB903E	21,113	323	153	277	753	20,360
8 TRANSMISSION	K904	P20	K905	4,248	72	30	76	178	4,070
9 DISTRIBUTION	K906	P30	K907	30,775	75	90	77	242	30,533
10 CUSTOMER ACCTS	K920	CW4	K921	12,462	0	1	0	1	12,461
11 CUSTOMER SERV & INFO	K922	C10	K923	4,962	0	0	0	0	4,962
12 SALES	K924	K401	K925	818	0	0	0	0	818
13 SUB-TOTAL			K929	123,266	1,284	624	1,250	3,158	120,108
14 ADMIN & GENERAL	K930	K929	K931	25,467	265	129	258	652	24,815
15 TOTAL			K939	148,733	1,549	753	1,508	3,810	144,923
16 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT									
17 PRODUCTION-SUSQ	KA910	P08	KA911	22,891	389	163	406	958	21,933
18 PRODUCTION-OTHER	KB910	P09	KB911	47,110	800	336	835	1,971	45,139
19 TRANSMISSION	K904	P20	K905	4,248	72	30	76	178	4,070
20 DISTRIBUTION	K906	P30	K907	30,775	75	90	77	242	30,533
21 CUSTOMER ACCTS	K920	CW4	K921	12,462	0	1	0	1	12,461
22 CUSTOMER SERV & INFO	K922	C10	K923	4,962	0	0	0	0	4,962
23 SALES	K924	K401	K925	818	0	0	0	0	818
24 TOTAL			K433	123,266	1,336	620	1,394	3,350	119,916

SECTION III

PART III

PENNSYLVANIA JURISDICTIONAL ALLOCATION

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE								
2	SUSQ PROD PLANT	Q08	D10	P08	1,491,393	520,244	98,073	288,854	207,255
3	OTHER PROD PLANT	Q09	D10	P09	1,208,610	421,601	79,477	234,085	167,957
4	TOTAL PROD PLANT			P10	2,700,003	941,845	177,550	522,939	375,212
5	TRANSMISSION-SUSQUEHANNA	Q18	P08	P18	8,367	2,919	550	1,620	1,163
6	OTHER TRANSMISSION	Q19	P09	P19	364,646	127,200	23,979	70,625	50,674
7	TOTAL TRANSMISSION			P20	373,013	130,119	24,529	72,245	51,837
8	DISTRIBUTION PLANT								
9	SUBSTATIONS								
10	GENERATION STEP-UP	Q26	P09	P26	546	190	36	106	76
11	66/138 KV	Q27	P09	P27	4,059	1,416	267	786	564
12	PRIMARY	Q28	D20	P28	103,149	44,035	8,302	24,449	17,543
13	SECONDARY	Q29	D30	P29	41,998	24,549	3,312	9,579	0
14	TOTAL SUBSTATIONS			PSS	149,752	70,190	11,917	34,920	18,183
15	OVERHEAD LINES								
16	66/138 KV	Q31	P09	P31	148,494	51,799	9,765	28,761	20,635
17	PRIMARY	Q32	D20	P32	128,108	54,691	10,309	30,366	21,788
18	SECONDARY								
19	DEMAND COMPONENT	Q33	D30	P33	65,243	38,136	5,146	14,880	0
20	CUSTOMER COMPONENT	Q34	C30	P34	237,222	209,592	23,322	2,805	0
21	STREET LIGHTING	Q35	XP1	P35	26,826	0	0	0	0
22	TOTAL OVERHEAD LINES			POL	605,893	354,218	48,542	76,812	42,423
23	UNDERGROUND LINES								
24	66/138 KV	Q36	P09	P36	4,128	1,440	271	800	574
25	PRIMARY	Q37A	D20	P37A	6,920	2,954	557	1,640	1,177
26	SECONDARY								
27	DEMAND COMPONENT	Q37	D30	P37	30,972	18,104	2,443	7,064	0
28	CUSTOMER COMPONENT	Q38	C30	P38	31,919	28,201	3,138	378	0
29	TOTAL UNDERGROUND LINES			PUG	73,939	50,699	6,409	9,882	1,751
30	LINE TRANSFORMERS								
31	DEMAND COMPONENT	Q39	D30	P39	124,297	72,654	9,805	28,349	0
32	CUSTOMER COMPONENT	Q40	CW9	P40	17,627	15,621	1,750	201	0
33	TOTAL LINE TRANSFORMERS			PLT	141,924	88,275	11,555	28,550	0
34	SERVICES								
35	DEMAND COMPONENT	Q41	D31	P41	26,173	15,427	2,082	6,020	0
36	CUSTOMER COMPONENT	Q42	C31	P42	78,519	69,424	7,725	929	0
37	TOTAL SERVICES			PSV	104,692	84,851	9,807	6,949	0
38	METERS	Q43	CN1	P43	46,339	30,347	10,284	2,381	2,125
39	AREA LIGHTING FIXTURES	Q44	XP2	P44	2,383	0	0	0	0
40	STREET LIGHTING	Q46	XP1	P46	22,174	0	0	0	0
41	TOTAL DISTRIBUTION PLANT			P30	1,147,096	678,580	98,514	159,494	64,482
42	DEMAND COMPONENT			P30D	684,087	325,395	52,295	152,800	62,357
43	CUSTOMER COMPONENT			P30C	463,009	353,185	46,219	6,694	2,125
44	PROD/TRANS/DIST PLANT			AT1	4,220,112	1,750,544	300,593	754,678	491,531
45	DEMAND COMPONENT			AT1D	3,757,103	1,397,359	254,374	747,984	489,406
46	CUSTOMER COMPONENT			AT1C	463,009	353,185	46,219	6,694	2,125
47	OTHER PROD/TRANS/DIST PLANT			AT1A	2,720,352	1,227,381	201,970	464,204	283,113
48	DEMAND COMPONENT			AT1AD	2,257,343	874,196	155,751	457,510	280,988
49	CUSTOMER COMPONENT			AT1AC	463,009	353,185	46,219	6,694	2,125

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE							
2	SUSQ PROD PLANT	Q08	D10	P08	78,152	194,613	104,202	0
3	OTHER PROD PLANT	Q09	D10	P09	63,333	157,713	84,444	0
4	TOTAL PROD PLANT			P10	141,485	352,326	188,646	0
5	TRANSMISSION-SUSQUEHANNA	Q18	P08	P18	439	1,091	585	0
6	OTHER TRANSMISSION	Q19	P09	P19	19,108	47,583	25,477	0
7	TOTAL TRANSMISSION			P20	19,547	48,674	26,062	0
8	DISTRIBUTION PLANT							
9	SUBSTATIONS							
10	GENERATION STEP-UP	Q26	P09	P26	29	71	38	0
11	66/138 KV	Q27	P09	P27	213	529	284	0
12	PRIMARY	Q28	D20	P28	0	0	8,820	0
13	SECONDARY	Q29	D30	P29	0	0	4,208	350
14	TOTAL SUBSTATIONS			PSS	242	600	13,350	350
15	OVERHEAD LINES							
16	66/138 KV	Q31	P09	P31	7,782	19,377	10,375	0
17	PRIMARY	Q32	D20	P32	0	0	10,954	0
18	SECONDARY							
19	DEMAND COMPONENT	Q33	D30	P33	0	0	6,538	543
20	CUSTOMER COMPONENT	Q34	C30	P34	0	0	1,331	172
21	STREET LIGHTING	Q35	XP1	P35	0	0	0	26,826
22	TOTAL OVERHEAD LINES			POL	7,782	19,377	29,198	27,541
23	UNDERGROUND LINES							
24	66/138 KV	Q36	P09	P36	216	539	288	0
25	PRIMARY	Q37A	D20	P37A	0	0	592	0
26	SECONDARY							
27	DEMAND COMPONENT	Q37	D30	P37	0	0	3,103	258
28	CUSTOMER COMPONENT	Q38	C30	P38	0	0	179	23
29	TOTAL UNDERGROUND LINES			PUG	216	539	4,162	281
30	LINE TRANSFORMERS							
31	DEMAND COMPONENT	Q39	D30	P39	0	0	12,454	1,035
32	CUSTOMER COMPONENT	Q40	CW9	P40	0	0	42	13
33	TOTAL LINE TRANSFORMERS			PLT	0	0	12,496	1,048
34	SERVICES							
35	DEMAND COMPONENT	Q41	D31	P41	0	0	2,644	0
36	CUSTOMER COMPONENT	Q42	C31	P42	0	0	441	0
37	TOTAL SERVICES			PSV	0	0	3,085	0
38	METERS	Q43	CW1	P43	419	196	587	0
39	AREA LIGHTING FIXTURES	Q44	XP2	P44	0	0	0	2,383
40	STREET LIGHTING	Q46	XP1	P46	0	0	0	22,174
41	TOTAL DISTRIBUTION PLANT			P30	8,659	20,712	62,878	53,777
42	DEMAND COMPONENT			P30D	8,240	20,516	60,298	2,186
43	CUSTOMER COMPONENT			P30C	419	196	2,580	51,591
44	PROD/TRANS/DIST PLANT			AT1	169,691	421,712	277,586	53,777
45	DEMAND COMPONENT			AT1D	169,272	421,516	275,006	2,186
46	CUSTOMER COMPONENT			AT1C	419	196	2,580	51,591
47	OTHER PROD/TRANS/DIST PLANT			AT1A	91,100	226,008	172,799	53,777
48	DEMAND COMPONENT			AT1AD	90,681	225,812	170,219	2,186
49	CUSTOMER COMPONENT			AT1AC	419	196	2,580	51,591

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION — FUTURE TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 ELECTRIC PLANT IN SERVICE CONTINUED								
2 TRANS/DIST PLANT			AT2	1,520,109	808,699	123,043	231,739	116,319
3 DEMAND COMPONENT			AT2D	1,057,100	455,514	76,824	225,045	114,194
4 CUSTOMER COMPONENT			AT2C	463,009	353,185	46,219	6,694	2,125
5 DISTRIBUTION SECONDARY			AT3	751,692	522,055	69,007	72,586	2,125
6 DEMAND COMPONENT			AT3D	288,683	168,870	22,788	65,892	0
7 CUSTOMER COMPONENT			AT3C	463,009	353,185	46,219	6,694	2,125
8 GENERAL PLANT	Q88	K433	P88	118,158	57,697	8,932	18,129	11,551
9 DEMAND COMPONENT			P88D	88,847	33,287	6,035	17,746	11,481
10 CUSTOMER COMPONENT			P88C	29,311	24,410	2,897	383	70
11 INTANGIBLE PLANT	Q95	K433	P95	618	302	46	95	61
12 DEMAND COMPONENT			P95D	465	174	31	93	61
13 CUSTOMER COMPONENT			P95C	153	128	15	2	0
14 ELECTRIC PLANT SUSQUEHANNA			P00S	1,499,760	523,163	98,623	290,474	208,418
15 ELECTRIC PLANT OTHER			P00D	2,839,128	1,285,380	210,948	482,428	294,725
16 DEMAND COMPONENT			P00OD	2,346,655	907,657	161,817	475,349	292,530
17 CUSTOMER COMPONENT			P00OC	492,473	377,723	49,131	7,079	2,195
18 ELECTRIC PLANT IN SERVICE			P00	4,338,888	1,808,543	309,571	772,902	503,143
19 DEMAND COMPONENT			P00D	3,846,415	1,430,820	260,440	765,823	500,948
20 CUSTOMER COMPONENT			P00C	492,473	377,723	49,131	7,079	2,195

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

JURISDICTIONAL COST ALLOCATION — FUTURE TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE CONTINUED							
2 TRANS/DIST PLANT			AT2	28,206	69,386	88,940	53,777
3 DEMAND COMPONENT			AT2D	27,787	69,190	86,360	2,186
4 CUSTOMER COMPONENT			AT2C	419	196	2,580	51,591
5 DISTRIBUTION SECONDARY			AT3	419	196	31,527	53,777
6 DEMAND COMPONENT			AT3D	0	0	28,947	2,186
7 CUSTOMER COMPONENT			AT3C	419	196	2,580	51,591
8 GENERAL PLANT	Q88	K433	P88	3,942	9,783	6,701	1,423
9 DEMAND COMPONENT			P88D	3,927	9,776	6,538	57
10 CUSTOMER COMPONENT			P88C	15	7	163	1,366
11 INTANGIBLE PLANT	Q95	K433	P95	20	52	35	7
12 DEMAND COMPONENT			P95D	20	52	34	0
13 CUSTOMER COMPONENT			P95C	0	0	1	7
14 ELECTRIC PLANT SUSQUEHANNA			P00S	78,591	195,704	104,787	0
15 ELECTRIC PLANT OTHER			P00O	95,062	235,843	179,535	55,207
16 DEMAND COMPONENT			P00OD	94,628	235,640	176,791	2,243
17 CUSTOMER COMPONENT			P00OC	434	203	2,744	52,964
18 ELECTRIC PLANT IN SERVICE			P00	173,653	431,547	284,322	55,207
19 DEMAND COMPONENT			P00D	173,219	431,344	281,578	2,243
20 CUSTOMER COMPONENT			P00C	434	203	2,744	52,964

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 RESERVE FOR DEPRECIATION								
2 SUSQ PROD FUNCTION	H08	P08	A08	2,210	771	145	428	307
3 OTHER PROD FUNCTION	H09	P09	A09	421,121	146,900	27,693	81,563	58,522
4 TOTAL PROD FUNCTION			A10	423,331	147,671	27,838	81,991	58,829
5 TRANSMISSION-SUSQUEHANNA	H18	P18	A18	49	17	3	10	7
6 OTHER TRANSMISSION	H19	P19	A19	72,396	25,254	4,761	14,021	10,061
7 TOTAL TRANSMISSION			A20	72,445	25,271	4,764	14,031	10,068
8 DISTRIBUTION FUNCTION								
9 SUBSTATIONS								
10 GENERATION STEP-UP	H26	P26	A26	133	46	9	26	18
11 66/138 KV	H27	P27	A27	1,012	353	67	196	140
12 PRIMARY	H28	P28	A28	25,083	10,708	2,019	5,945	4,266
13 SECONDARY	H29	P29	A29	10,490	6,132	827	2,393	0
14 TOTAL SUBSTATIONS			AST	36,718	17,239	2,922	8,560	4,424
15 OVERHEAD LINES								
16 66/138 KV	H31	P31	A31	39,802	13,884	2,617	7,710	5,530
17 PRIMARY	H32	P32	A32	35,141	15,002	2,828	8,330	5,976
18 SECONDARY								
19 DEMAND COMPONENT	H33	P33	A33	18,128	10,596	1,430	4,135	0
20 CUSTOMER COMPONENT	H34	P34	A34	64,092	56,627	6,301	758	0
21 STREET LIGHTING	H35	P35	A35	6,379	0	0	0	0
22 TOTAL OVERHEAD LINES			AOL	163,542	96,109	13,176	20,933	11,506
23 UNDERGROUND LINES								
24 66/138 KV	H36	P36	A36	849	296	56	164	118
25 PRIMARY	H37A	P37A	A37A	1,427	609	115	338	243
26 SECONDARY								
27 DEMAND COMPONENT	H37	P37	A37	6,387	3,733	504	1,457	0
28 CUSTOMER COMPONENT	H38	P38	A38	6,583	5,816	647	78	0
29 TOTAL UNDERGROUND LINES			AUG	15,246	10,454	1,322	2,037	361
30 LINE TRANSFORMERS								
31 DEMAND COMPONENT	H39	P39	A39	40,268	23,537	3,177	9,184	0
32 CUSTOMER COMPONENT	H40	P40	A40	5,710	5,060	567	65	0
33 TOTAL LINE TRANSFORMERS			ALT	45,978	28,597	3,744	9,249	0
34 SERVICES								
35 DEMAND COMPONENT	H41	P41	A41	9,995	5,891	795	2,299	0
36 CUSTOMER COMPONENT	H42	P42	A42	29,985	26,512	2,950	355	0
37 TOTAL SERVICES			ASV	39,980	32,403	3,745	2,654	0
38 METERS	H43	P43	A43	16,640	10,897	3,693	855	763
39 AREA LIGHTING FIXTURES	H44	P44	A44	1,000	0	0	0	0
40 STREET LIGHTING	H46	P46	A46	11,661	0	0	0	0
41 TOTAL DISTRIBUTION FUNCTION			A30	330,765	195,699	28,602	44,288	17,054
42 DEMAND COMPONENT			A30D	188,715	90,787	14,444	42,177	16,291
43 CUSTOMER COMPONENT			A30C	142,050	104,912	14,158	2,111	763
44 GENERAL FUNCTION	H88	P88	A88	25,540	12,471	1,931	3,919	2,496
45 DEMAND COMPONENT			A88D	19,204	7,195	1,305	3,836	2,481
46 CUSTOMER COMPONENT			A88C	6,336	5,276	626	83	15
47 DEPRECIATION RESERVE			A00	852,081	381,112	63,135	144,229	88,447
48 DEMAND COMPONENT			A00D	703,695	270,924	48,351	142,035	87,669
49 CUSTOMER COMPONENT			A00C	148,386	110,188	14,784	2,194	778
50 NET PLANT IN SERVICE			P01	3,486,807	1,427,431	246,436	628,673	414,696
51 DEMAND COMPONENT			P01D	3,142,720	1,159,896	212,090	623,787	413,279
52 CUSTOMER COMPONENT			P01C	344,087	267,535	34,346	4,886	1,417

PENNSYLVANIA POWER & LIGHT COMPANY
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$1,000

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JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	RESERVE FOR DEPRECIATION							
2	SUSQ PROD FUNCTION	H08	P08	A08	116	289	154	0
3	OTHER PROD FUNCTION	H09	P09	A09	22,067	54,953	29,423	0
4	TOTAL PROD FUNCTION			A10	22,183	55,242	29,577	0
5	TRANSMISSION-SUSQUEHANNA	H18	P18	A18	2	7	3	0
6	OTHER TRANSMISSION	H19	P19	A19	3,794	9,447	5,058	0
7	TOTAL TRANSMISSION			A20	3,796	9,454	5,061	0
8	DISTRIBUTION FUNCTION							
9	SUBSTATIONS							
10	GENERATION STEP-UP	H26	P26	A26	7	18	9	0
11	66/138 KV	H27	P27	A27	53	132	71	0
12	PRIMARY	H28	P28	A28	0	0	2,145	0
13	SECONDARY	H29	P29	A29	0	0	1,051	87
14	TOTAL SUBSTATIONS			AST	60	150	3,276	87
15	OVERHEAD LINES							
16	66/138 KV	H31	P31	A31	2,086	5,194	2,781	0
17	PRIMARY	H32	P32	A32	0	0	3,005	0
18	SECONDARY							
19	DEMAND COMPONENT	H33	P33	A33	0	0	1,816	151
20	CUSTOMER COMPONENT	H34	P34	A34	0	0	360	46
21	STREET LIGHTING	H35	P35	A35	0	0	0	6,379
22	TOTAL OVERHEAD LINES			AOL	2,086	5,194	7,962	6,576
23	UNDERGROUND LINES							
24	66/138 KV	H36	P36	A36	45	111	59	0
25	PRIMARY	H37A	P37A	A37A	0	0	122	0
26	SECONDARY							
27	DEMAND COMPONENT	H37	P37	A37	0	0	640	53
28	CUSTOMER COMPONENT	H38	P38	A38	0	0	37	5
29	TOTAL UNDERGROUND LINES			AUG	45	111	858	58
30	LINE TRANSFORMERS							
31	DEMAND COMPONENT	H39	P39	A39	0	0	4,035	335
32	CUSTOMER COMPONENT	H40	P40	A40	0	0	14	4
33	TOTAL LINE TRANSFORMERS			ALT	0	0	4,049	339
34	SERVICES							
35	DEMAND COMPONENT	H41	P41	A41	0	0	1,010	0
36	CUSTOMER COMPONENT	H42	P42	A42	0	0	168	0
37	TOTAL SERVICES			ASV	0	0	1,178	0
38	METERS	H43	P43	A43	151	70	211	0
39	AREA LIGHTING FIXTURES	H44	P44	A44	0	0	0	1,000
40	STREET LIGHTING	H46	P46	A46	0	0	0	11,661
41	TOTAL DISTRIBUTION FUNCTION			A30	2,342	5,525	17,534	19,721
42	DEMAND COMPONENT			A30D	2,191	5,455	16,744	626
43	CUSTOMER COMPONENT			A30C	151	70	790	19,095
44	GENERAL FUNCTION	H88	P88	A88	852	2,115	1,448	308
45	DEMAND COMPONENT			A88D	848	2,114	1,413	12
46	CUSTOMER COMPONENT			A88C	4	1	35	296
47	DEPRECIATION RESERVE			A00	29,173	72,336	53,620	20,029
48	DEMAND COMPONENT			A00D	29,018	72,265	52,795	638
49	CUSTOMER COMPONENT			A00C	155	71	825	19,391
50	NET PLANT IN SERVICE			P01	144,480	359,211	230,702	35,178
51	DEMAND COMPONENT			P01D	144,201	359,079	228,783	1,605
52	CUSTOMER COMPONENT			P01C	279	132	1,919	33,573

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CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ADDITIONS TO NET PLANT								
2	PLANT HELD FOR FUTURE USE								
3	PRODUCTION PLANT	QF10	P09	PF10	1,840	642	121	356	256
4	TRANSMISSION PLANT	QF20	P20	PF20	627	219	41	121	88
5	DISTRIBUTION								
6	66-138KV	QF31	P09	PF31	5,524	1,927	363	1,070	768
7	PRIMARY	QF32	D20	PF32	1,393	595	112	330	237
8	SECONDARY	QF33	AT3	PF33	262	182	24	25	1
9	TOTAL DISTRIBUTION PLANT			PF30	7,179	2,704	499	1,425	1,006
10	DEMAND COMPONENT			PF30D	7,017	2,581	483	1,422	1,005
11	CUSTOMER COMPONENT			PF30C	162	123	16	3	1
12	GENERAL PLANT	QF88	P88	PF88	2,173	1,061	164	334	212
13	DEMAND COMPONENT			PF88D	1,634	612	111	327	211
14	CUSTOMER COMPONENT			PF88C	539	449	53	7	1
15	TOT PL HELD FOR FUTURE USE			PF00	11,819	4,626	825	2,236	1,562
16	DEMAND COMPONENT			PF00D	11,119	4,054	756	2,226	1,560
17	CUSTOMER COMPONENT			PF00C	700	572	69	10	2
18	POLLUTION CONTROL PROJECTS	IPC	P09	PC00	2,572	897	169	498	358
19	ASSOCIATED RETIREMENTS	IPCR	P09	PCR0	0	0	0	0	0
20	TOTAL ADDITIONS TO NET PLANT			PLADD	14,391	5,523	994	2,734	1,920
21	DEMAND COMPONENT			PADEDD	13,691	4,951	925	2,724	1,918
22	CUSTOMER COMPONENT			PADEDC	700	572	69	10	2
23	WORKING CAPITAL								
24	SUSQ FUEL INVENTORY	M08	U10	W08	157	58	7	29	21
25	OTHER FUEL INVENTORY	M09	U10	W09	171,314	63,228	7,895	31,091	23,676
26	TOTAL FUEL INVENTORY			W10	171,471	63,286	7,902	31,120	23,697
27	PLANT MATERIALS AND SUPPLIES								
28	PRODUCTION PLANT	M12	P09	W12	2,129	743	140	412	296
29	TRANS/DIST PLANT	M14	AT2	W14	19,998	10,639	1,619	3,048	1,531
30	DEMAND COMPONENT			W14D	13,907	5,993	1,010	2,960	1,503
31	CUSTOMER COMPONENT			W14C	6,091	4,646	609	88	28
32	TOT PL MATERIALS & SUPPLIES			WT2	22,127	11,382	1,759	3,460	1,827
33	DEMAND COMPONENT			WT2D	16,036	6,736	1,150	3,372	1,799
34	CUSTOMER COMPONENT			WT2C	6,091	4,646	609	88	28

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JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ADDITIONS TO NET PLANT							
2	PLANT HELD FOR FUTURE USE							
3	PRODUCTION PLANT	QF10	P09	PF10	96	240	129	0
4	TRANSMISSION PLANT	QF20	P20	PF20	32	82	44	0
5	DISTRIBUTION							
6	66-138KV	QF31	P09	PF31	289	721	386	0
7	PRIMARY	QF32	D20	PF32	0	0	119	0
8	SECONDARY	QF33	AT3	PF33	0	0	11	19
9	TOTAL DISTRIBUTION PLANT			PF30	289	721	516	19
10	DEMAND COMPONENT			PF30D	289	721	516	0
11	CUSTOMER COMPONENT			PF30C	0	0	0	19
12	GENERAL PLANT	QF88	P88	PF88	73	180	123	26
13	DEMAND COMPONENT			PF88D	72	180	120	1
14	CUSTOMER COMPONENT			PF88C	1	0	3	25
15	TOT PL HELD FOR FUTURE USE			PF00	490	1,223	812	45
16	DEMAND COMPONENT			PF00D	490	1,223	808	2
17	CUSTOMER COMPONENT			PF00C	0	0	4	43
18	POLLUTION CONTROL PROJECTS	IPC	P09	PC00	135	335	180	0
19	ASSOCIATED RETIREMENTS	IPCR	P09	PCR0	0	0	0	0
20	TOTAL ADDITIONS TO NET PLANT			PLADD	625	1,558	992	45
21	DEMAND COMPONENT			PADEDD	625	1,558	988	2
22	CUSTOMER COMPONENT			PADEDC	0	0	4	43
23	WORKING CAPITAL							
24	SUSQ FUEL INVENTORY	M08	U10	W08	8	25	8	1
25	OTHER FUEL INVENTORY	M09	U10	W09	8,567	26,811	8,957	1,089
26	TOTAL FUEL INVENTORY			W10	8,575	26,836	8,965	1,090
27	PLANT MATERIALS AND SUPPLIES							
28	PRODUCTION PLANT	M12	P09	W12	111	278	149	0
29	TRANS/DIST PLANT	M14	AT2	W14	371	912	1,171	707
30	DEMAND COMPONENT			W14D	366	909	1,137	29
31	CUSTOMER COMPONENT			W14C	5	3	34	678
32	TOT PL MATERIALS & SUPPLIES			WT2	482	1,190	1,320	707
33	DEMAND COMPONENT			WT2D	477	1,187	1,286	29
34	CUSTOMER COMPONENT			WT2C	5	3	34	678

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JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 WORKING CAPITAL CONTINUED								
2 EXP APPLICABLE FOR WORKING CAPITAL								
3 TOTAL O & M EXPENSE			EE00	633,735	273,355	39,354	104,481	74,327
4 DEMAND COMPONENT			EE00D	196,017	74,152	13,413	39,435	25,338
5 ENERGY COMPONENT			EE00E	349,834	129,115	16,124	63,489	48,350
6 CUSTOMER COMPONENT			EE00C	87,884	70,088	9,817	1,557	639
7 LESS NET INTERCHANGE			EE05	-537,581	-198,410	-24,775	-97,561	-74,295
8 LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	5,476	4,830	537	67	5
9 TOTAL APPLICABLE EXPENSE			WCAP	1,165,840	466,935	63,592	201,975	148,617
10 DEMAND COMPONENT			WCAPD	196,017	74,152	13,413	39,435	25,338
11 ENERGY COMPONENT			WCAPE	887,415	327,525	40,899	161,050	122,645
12 CUSTOMER COMPONENT			WCAPC	82,408	65,258	9,280	1,490	634
13 WORKING CAPITAL-O & M SUSQ	CASH1	WCAP	WCA1	3,629	1,453	198	629	463
14 WORKING CAPITAL-O & M OTHER	CASH2	WCAP	WCA2	40,130	16,073	2,189	6,952	5,115
15 TOTAL WORKING CAPITAL			WCA	43,759	17,526	2,387	7,581	5,578
16 DEMAND COMPONENT			WCAD	7,357	2,783	504	1,480	951
17 ENERGY COMPONENT			WCAE	33,309	12,293	1,536	6,044	4,604
18 CUSTOMER COMPONENT			WCAC	3,093	2,449	349	56	23
19 PREPAYMENTS								
20 PREPAID INSURANCE-SUSQ	MC2BS	P08	WCPBS	1,493	521	98	289	208
21 PREPAID INSURANCE-OTHER	MC2B	AT1A	WCPB	1,531	691	113	262	159
22 DEMAND COMPONENT			WCPBD	1,271	492	87	259	157
23 CUSTOMER COMPONENT			WCPBC	260	199	26	3	2
24 PREPAYMENTS-RENTS	MC2C	AT2	WCPC	212	113	17	32	16
25 DEMAND COMPONENT			WCPCD	148	64	10	31	16
26 CUSTOMER COMPONENT			WCPCC	64	49	7	1	0
27 PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	354	147	25	63	42
28 DEMAND COMPONENT			WCPAD	315	117	21	63	42
29 CUSTOMER COMPONENT			WCPAC	39	30	4	0	0
30 TOTAL PREPAYMENTS			WCP	3,590	1,472	253	646	425
31 DEMAND COMPONENT			WCPD	3,226	1,194	217	641	423
32 CUSTOMER COMPONENT			WCPCS	364	278	36	5	2
33 SUSQ ACCRUED TAX ADJUST	MC10	WCA1	WCT10	-147	-59	-8	-25	-19
34 OTHER ACCRUED TAX ADJUST	MC12	WCA2	WCT12	8,699	3,484	475	1,507	1,108
35 TOTAL ACCRUED TAX ADJUST			WCT	8,552	3,425	467	1,482	1,089
36 DEMAND COMPONENT			WCTD	1,438	544	98	290	185
37 ENERGY COMPONENT			WCTE	6,509	2,402	301	1,181	899
38 CUSTOMER COMPONENT			WCTC	605	479	68	11	4
39 SEMI ANNUAL INTEREST SUSQ	AE	WCA1	EA00	-11,761	-4,709	-642	-2,038	-1,501
40 SEMI ANNUAL INTEREST OTHER	AEE	WCA2	EEA00	-16,409	-6,572	-895	-2,843	-2,091
41 PREF DIV PAYMENTS SUSQ	AF	WCA1	FA00	-710	-284	-39	-123	-91
42 PREF DIV PAYMENTS OTHER	AFF	WCA2	FFA00	-982	-393	-54	-170	-125
43 TOT INT & PREF DIV PAYMENTS			EAFA1	-29,862	-11,958	-1,630	-5,174	-3,808
44 DEMAND COMPONENT			EAFA1D	-5,021	-1,899	-344	-1,010	-649
45 ENERGY COMPONENT			EAFA1E	-22,730	-8,388	-1,048	-4,126	-3,142
46 CUSTOMER COMPONENT			EAFA1C	-2,111	-1,671	-238	-38	-17
47 TOTAL WORKING CAPITAL			W00	219,637	85,133	11,138	39,115	28,808
48 DEMAND COMPONENT			W00D	23,037	9,358	1,626	4,772	2,710
49 ENERGY COMPONENT			W00E	188,559	69,594	8,689	34,221	26,057
50 CUSTOMER COMPONENT			W00C	8,041	6,181	823	122	42

PENNSYLVANIA POWER & LIGHT COMPANY
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JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	WORKING CAPITAL CONTINUED							
2	EXP APPLICABLE FOR WORKING CAPITAL							
3	TOTAL O & M EXPENSE			EE00	25,931	75,488	33,400	7,399
4	DEMAND COMPONENT			EE00D	8,307	20,680	14,547	145
5	ENERGY COMPONENT			EE00E	17,492	54,748	18,292	2,224
6	CUSTOMER COMPONENT			EE00C	132	60	561	5,030
7	LESS NET INTERCHANGE			EE05	-26,883	-84,132	-28,107	-3,418
8	LESS UNCOLLECTIBLE ACCOUNTS	G51	CW4	EE51	2	0	31	4
9	TOTAL APPLICABLE EXPENSE			WCAP	52,812	159,620	61,476	10,813
10	DEMAND COMPONENT			WCAPD	8,307	20,680	14,547	145
11	ENERGY COMPONENT			WCAPE	44,375	138,880	46,399	5,642
12	CUSTOMER COMPONENT			WCAPC	130	60	530	5,026
13	WORKING CAPITAL-O & M SUSQ	CASH1	WCAP	WCA1	164	497	191	34
14	WORKING CAPITAL-O & M OTHER	CASH2	WCAP	WCA2	1,818	5,495	2,116	372
15	TOTAL WORKING CAPITAL			WCA	1,982	5,992	2,307	406
16	DEMAND COMPONENT			WCAD	312	776	546	5
17	ENERGY COMPONENT			WCAE	1,665	5,213	1,742	212
18	CUSTOMER COMPONENT			WCAC	5	3	19	189
19	PREPAYMENTS							
20	PREPAID INSURANCE-SUSQ	MC2BS	P08	WCPBS	78	195	104	0
21	PREPAID INSURANCE-OTHER	MC2B	AT1A	WCPB	51	127	98	30
22	DEMAND COMPONENT			WCPBD	51	127	97	1
23	CUSTOMER COMPONENT			WCPBC	0	0	1	29
24	PREPAYMENTS-RENTS	MC2C	AT2	WCPC	4	10	13	7
25	DEMAND COMPONENT			WCPCD	4	10	13	0
26	CUSTOMER COMPONENT			WCPCC	0	0	0	7
27	PREPAYMENTS-OTHER EXPENSE	MC2A	AT1	WCPA	14	35	23	5
28	DEMAND COMPONENT			WCPAD	14	35	22	1
29	CUSTOMER COMPONENT			WCPAC	0	0	1	4
30	TOTAL PREPAYMENTS			WCP	147	367	238	42
31	DEMAND COMPONENT			WCPD	147	367	236	1
32	CUSTOMER COMPONENT			WCPCS	0	0	2	41
33	SUSQ ACCRUED TAX ADJUST	MC10	WCA1	WCT10	-7	-20	-8	-1
34	OTHER ACCRUED TAX ADJUST	MC12	WCA2	WCT12	395	1,191	458	81
35	TOTAL ACCRUED TAX ADJUST			WCT	388	1,171	450	80
36	DEMAND COMPONENT			WCTD	61	152	107	1
37	ENERGY COMPONENT			WCTE	326	1,019	340	41
38	CUSTOMER COMPONENT			WCTC	1	1	4	37
39	SEMI ANNUAL INTEREST SUSQ	AE	WCA1	EA00	-531	-1,611	-619	-110
40	SEMI ANNUAL INTEREST OTHER	AEE	WCA2	EEA00	-744	-2,247	-865	-152
41	PREF DIV PAYMENTS SUSQ	AF	WCA1	FA00	-32	-97	-37	-7
42	PREF DIV PAYMENTS OTHER	AFF	WCA2	FFA00	-45	-134	-52	-9
43	TOT INT & PREF DIV PAYMENTS			EAFA1	-1,352	-4,089	-1,573	-278
44	DEMAND COMPONENT			EAFA1D	-213	-530	-372	-4
45	ENERGY COMPONENT			EAFA1E	-1,136	-3,558	-1,187	-145
46	CUSTOMER COMPONENT			EAFA1C	-3	-1	-14	-129
47	TOTAL WORKING CAPITAL			W00	10,222	31,467	11,707	2,047
48	DEMAND COMPONENT			W00D	783	1,952	1,803	33
49	ENERGY COMPONENT			W00E	9,430	29,511	9,858	1,199
50	CUSTOMER COMPONENT			W00C	8	4	46	815

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CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	DEDUCTIONS FROM NET PLANT								
2	ACCUMULATED DEFERRED INCOME TAXES								
3	ACCELERATED AMORTIZATION	TCC00	P09	DF00	2,282	796	150	442	317
4	LIBERALIZED DEPRECIATION	TCC01	P000	DF01	54,101	24,494	4,019	9,193	5,616
5	DEMAND COMPONENT			DF01D	44,717	17,296	3,083	9,058	5,574
6	CUSTOMER COMPONENT			DF01C	9,384	7,198	936	135	42
7	ACCEL COST RECOVERY SUSQ	TCC02	P00S	DF02	95,855	33,437	6,304	18,565	13,321
8	ACCEL COST RECOVERY OTHER	TCC05	P000	DF05	11,597	5,250	862	1,971	1,203
9	DEMAND COMPONENT			DF05D	9,585	3,707	661	1,943	1,194
10	CUSTOMER COMPONENT			DF05C	2,012	1,543	201	28	9
11	TEST POWER MARTINS CREEK	TCC03	U10	DF03	6,436	2,375	297	1,168	889
12	TEST POWER SUSQUEHANNA	TCC06	U10	DF06	-43,317	-15,987	-1,997	-7,861	-5,987
13	CONV TO MONTHLY BILLING	TCC04	P01	DF04	3,019	1,236	213	545	359
14	DEMAND COMPONENT			DF04D	2,722	1,004	184	540	358
15	CUSTOMER COMPONENT			DF04C	297	232	29	5	1
16	TOTAL ACCUM DEFERRED TAXES			DF99	129,973	51,601	9,848	24,023	15,718
17	DEMAND COMPONENT			DF99D	155,160	56,241	10,381	30,548	20,764
18	ENERGY COMPONENT			DF99E	-36,881	-13,612	-1,700	-6,693	-5,098
19	CUSTOMER COMPONENT			DF99C	11,694	8,972	1,167	168	52
20	CUSTOMER ADVANCES	AC	CW8	CA00	163	85	17	48	2
21	CUSTOMER DEPOSITS	AD	CW5	DA00	1,841	285	800	543	62
22	TOT DEDUCTIONS FROM NET PLT			PLDED	131,977	51,971	10,665	24,614	15,782
23	DEMAND COMPONENT			PLDEDD	155,160	56,241	10,381	30,548	20,764
24	ENERGY COMPONENT			PLDEDE	-36,881	-13,612	-1,700	-6,693	-5,098
25	CUSTOMER COMPONENT			PLDEDC	13,698	9,342	1,984	759	116
26	TOTAL RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
27	DEMAND COMPONENT			RBXD	3,024,288	1,117,965	204,258	600,736	397,143
28	ENERGY COMPONENT			RBXE	225,440	83,206	10,389	40,914	31,155
29	CUSTOMER COMPONENT			RBXC	339,131	264,945	33,256	4,258	1,344

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF RATE BASE ITEMS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	DEDUCTIONS FROM NET PLANT							
2	ACCUMULATED DEFERRED INCOME TAXES							
3	ACCELERATED AMORTIZATION	TCC00	P09	DF00	120	298	159	0
4	LIBERALIZED DEPRECIATION	TCC01	P000	DF01	1,812	4,494	3,421	1,052
5	DEMAND COMPONENT			DF01D	1,804	4,490	3,369	43
6	CUSTOMER COMPONENT			DF01C	8	4	52	1,009
7	ACCEL COST RECOVERY SUSQ	TCC02	P00S	DF02	5,023	12,508	6,697	0
8	ACCEL COST RECOVERY OTHER	TCC05	P000	DF05	389	963	733	226
9	DEMAND COMPONENT			DF05D	387	962	722	9
10	CUSTOMER COMPONENT			DF05C	2	1	11	217
11	TEST POWER MARTINS CREEK	TCC03	U10	DF03	322	1,008	336	41
12	TEST POWER SUSQUEHANNA	TCC06	U10	DF06	-2,166	-6,779	-2,265	-275
13	CONV TO MONTHLY BILLING	TCC04	P01	DF04	125	311	200	30
14	DEMAND COMPONENT			DF04D	125	311	198	2
15	CUSTOMER COMPONENT			DF04C	0	0	2	28
16	TOTAL ACCUM DEFERRED TAXES			DF99	5,625	12,803	9,281	1,074
17	DEMAND COMPONENT			DF99D	7,459	18,569	11,145	53
18	ENERGY COMPONENT			DF99E	-1,844	-5,771	-1,929	-234
19	CUSTOMER COMPONENT			DF99C	10	5	65	1,255
20	CUSTOMER ADVANCES	AC	CW8	CA00	0	7	0	4
21	CUSTOMER DEPOSITS	AD	CW5	DA00	54	0	95	2
22	TOT DEDUCTIONS FROM NET PLT			PLDED	5,679	12,810	9,376	1,080
23	DEMAND COMPONENT			PLDEDD	7,459	18,569	11,145	53
24	ENERGY COMPONENT			PLDEDE	-1,844	-5,771	-1,929	-234
25	CUSTOMER COMPONENT			PLDEDC	64	12	160	1,261
26	TOTAL RATE BASE			RBX	149,648	379,426	234,025	36,190
27	DEMAND COMPONENT			RBXD	138,149	344,021	220,429	1,587
28	ENERGY COMPONENT			RBXE	11,274	35,282	11,787	1,433
29	CUSTOMER COMPONENT			RBXC	225	123	1,809	33,171

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OTHER OPERATING REVENUES								
2	MISCELLANEOUS	S12	C10	R12	200	177	19	3	0
3	RENT FROM ELEC PROP RELATED TO:								
4	TRANSMISSION	S13	P20	R13	972	339	64	188	135
5	DISTRIBUTION	S14	P30	R14	3,751	2,219	322	522	210
6	DEMAND COMPONENT			R14D	2,237	1,064	171	500	203
7	CUSTOMER COMPONENT			R14C	1,514	1,155	151	22	7
8	TRANS/DIST	S15	AT2	R15	30	16	2	5	2
9	DEMAND COMPONENT			R15D	21	9	1	5	2
10	CUSTOMER COMPONENT			R15C	9	7	1	0	0
11	GENERAL	S16	P88	R16	232	113	18	35	23
12	DEMAND COMPONENT			R16D	174	65	12	35	22
13	CUSTOMER COMPONENT			R16C	58	48	6	0	1
14	TOTAL RENT FROM ELEC PROP			R19	4,985	2,687	406	750	370
15	DEMAND COMPONENT			R19D	3,404	1,477	249	727	363
16	CUSTOMER COMPONENT			R19C	1,581	1,210	157	23	7
17	OTHER ELEC REVENUES RELATED TO:								
18	PRODUCTION	S20A	P09	R20A	678	237	44	131	95
19	TRANSMISSION	S20B	P20	R20B	2,017	704	132	391	280
20	DIST-OVERHEAD LINES	S20F	POL	R20F	289	169	23	37	20
21	DEMAND COMPONENT			R20FD	163	69	12	36	20
22	CUSTOMER COMPONENT			R20FC	126	100	11	1	0
23	RCS PROGRAM	S20G	K939	R20G	24	12	2	3	2
24	DEMAND COMPONENT			R20GD	12	5	1	2	1
25	ENERGY COMPONENT			R20GE	6	2	1	0	1
26	CUSTOMER COMPONENT			R20GC	6	5	1	0	0
27	GENERAL	S20H	P88	R20H	22	11	1	4	2
28	DEMAND COMPONENT			R20HD	17	6	1	4	2
29	CUSTOMER COMPONENT			R20HC	5	5	0	0	0
30	CUSTOMER ACCOUNTS	S20I	CW4	R20I	183	161	18	3	0
31	TOTAL-OTHER ELEC REVENUES			R20	3,213	1,294	220	569	399
32	DEMAND COMPONENT			R20D	2,887	1,021	190	563	399
33	ENERGY COMPONENT			R20E	6	2	1	0	1
34	CUSTOMER COMPONENT			R20C	320	271	30	4	0
35	TOTAL OTHER OPERATING REVS			R21	8,398	4,158	645	1,322	769
36	DEMAND COMPONENT			R21D	6,291	2,498	438	1,291	761
37	ENERGY COMPONENT			R21E	6	2	1	0	1
38	CUSTOMER COMPONENT			R21C	2,101	1,657	207	30	8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OTHER OPERATING REVENUES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OTHER OPERATING REVENUES							
2	MISCELLANEOUS	S12	C10	R12	0	0	1	0
3	RENT FROM ELEC PROP RELATED TO:							
4	TRANSMISSION	S13	P20	R13	51	127	68	0
5	DISTRIBUTION	S14	P30	R14	29	68	205	176
6	DEMAND COMPONENT			R14D	28	67	197	7
7	CUSTOMER COMPONENT			R14C	1	1	8	169
8	TRANS/DIST	S15	AT2	R15	1	1	2	1
9	DEMAND COMPONENT			R15D	1	1	2	0
10	CUSTOMER COMPONENT			R15C	0	0	0	1
11	GENERAL	S16	P88	R16	8	19	13	3
12	DEMAND COMPONENT			R16D	8	19	13	0
13	CUSTOMER COMPONENT			R16C	0	0	0	3
14	TOTAL RENT FROM ELEC PROP			R19	89	215	288	180
15	DEMAND COMPONENT			R19D	87	215	279	7
16	CUSTOMER COMPONENT			R19C	2	0	9	173
17	OTHER ELEC REVENUES RELATED TO:							
18	PRODUCTION	S20A	P09	R20A	35	89	47	0
19	TRANSMISSION	S20B	P20	R20B	106	263	141	0
20	DIST-OVERHEAD LINES	S20F	POL	R20F	4	9	14	13
21	DEMAND COMPONENT			R20FD	4	9	13	0
22	CUSTOMER COMPONENT			R20FC	0	0	1	13
23	RCS PROGRAM	S20G	K939	R20G	1	2	2	0
24	DEMAND COMPONENT			R20GD	1	1	1	0
25	ENERGY COMPONENT			R20GE	1	0	1	0
26	CUSTOMER COMPONENT			R20GC	0	0	0	0
27	GENERAL	S20H	P88	R20H	1	1	2	0
28	DEMAND COMPONENT			R20HD	1	1	2	0
29	CUSTOMER COMPONENT			R20HC	0	0	0	0
30	CUSTOMER ACCOUNTS	S20I	CW4	R20I	0	0	1	0
31	TOTAL-OTHER ELEC REVENUES			R20	147	364	207	13
32	DEMAND COMPONENT			R20D	146	363	205	0
33	ENERGY COMPONENT			R20E	1	0	1	0
34	CUSTOMER COMPONENT			R20C	0	0	2	13
35	TOTAL OTHER OPERATING REVS			R21	236	579	496	193
36	DEMAND COMPONENT			R21D	234	578	484	7
37	ENERGY COMPONENT			R21E	1	0	1	0
38	CUSTOMER COMPONENT			R21C	1	1	11	186

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATION AND MAINTENANCE EXPENSE								
2	PRODUCTION FUNCTION								
3	FUEL NUCLEAR	G01	U10	EE01	23,949	8,839	1,104	4,346	3,310
4	FOSSIL FUEL W/O SUSQ	G02	U10	EE02	751,998	277,546	34,657	136,474	103,929
5	FUEL ADJUST WITH SUSQ	G02A	U10	EE02A	-17,967	-6,631	-828	-3,261	-2,483
6	TOTAL FOSSIL FUEL			EE02T	734,031	270,915	33,829	133,213	101,446
7	NET INTERCHANGE W/O SUSQ	G03	U10	EE03	-344,593	-127,182	-15,881	-62,537	-47,624
8	INTERCHANGE ADJ WITH SUSQ	G04	U10	EE04	-192,988	-71,228	-8,894	-35,024	-26,671
9	TOTAL NET INTERCHANGE			EE05	-537,581	-198,410	-24,775	-97,561	-74,295
10	PURCHASES- AE BUYBACK			EE06	19,693	6,905	1,260	3,793	2,736
11	DEMAND COMPONENT	G06D	P09	EE06D	17,927	6,253	1,179	3,472	2,492
12	ENERGY COMPONENT	G06E	U10	EE06E	1,766	652	81	321	244
13	PURCHASES- OTHER			EE07	2,970	1,036	195	576	412
14	DEMAND COMPONENT	G07D	P09	EE07D	2,970	1,036	195	576	412
15	ENERGY COMPONENT	G07E	U10	EE07E	0	0	0	0	0
16	OTHER PRODUCTION EXP- SUSQ			EE08	55,273	19,809	3,121	10,388	7,661
17	DEMAND COMPONENT	G08D	P08	EE08D	29,184	10,180	1,919	5,653	4,055
18	ENERGY COMPONENT	G08E	U10	EE08E	26,089	9,629	1,202	4,735	3,606
19	OTHER PRODUCTION EXP- OTHER			EE09	108,320	38,974	5,968	20,264	15,008
20	DEMAND COMPONENT	G09D	P09	EE09D	49,616	17,308	3,262	9,610	6,895
21	ENERGY COMPONENT	G09E	U10	EE09E	58,704	21,666	2,706	10,654	8,113
22	FUEL HANDLING	G11	U10	EE11	14,252	5,260	657	2,586	1,970
23	INST CAP PAYMENTS W/O SUSQ	G12	P09	EE12	-682	-238	-45	-132	-95
24	INST CAP PAYMENTS ADJ W/SUSQ	G13	P09	EE13	-272	-95	-18	-52	-38
25	TOT INSTALLED CAPACITY PAYMT			EE13T	-954	-333	-63	-184	-133
26	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,343	2,710	339	1,332	1,015
27	DECOMMISSIONING COSTS	G93	P08	EE93	2,366	825	156	458	329
28	TOTAL PRODUCTION FUNCTION			EE10	429,662	156,530	21,791	79,211	59,459
29	DEMAND COMPONENT			EE10D	101,109	35,269	6,648	19,585	14,050
30	ENERGY COMPONENT			EE10E	328,553	121,261	15,143	59,626	45,409
31	TRANSMISSION FUNCTION	G20	P20	EE20	9,679	3,376	637	1,874	1,346
32	DISTRIBUTION FUNCTION								
33	SUBSTATIONS								
34	GENERATION STEP-UP	G26	P26	EE26	31	11	2	6	4
35	66/138 KV	G27	P27	EE27	222	77	15	43	31
36	PRIMARY	G28	P28	EE28	5,604	2,392	451	1,329	953
37	SECONDARY	G29	P29	EE29	2,283	1,334	181	520	0
38	TOTAL SUBSTATIONS			EESS	8,140	3,814	649	1,898	988
39	OVERHEAD LINES								
40	66/138 KV	G31	P31	EE31	8,226	2,869	541	1,594	1,143
41	PRIMARY	G32	P32	EE32	7,079	3,022	570	1,678	1,204
42	SECONDARY								
43	DEMAND COMPONENT	G33	P33	EE33	3,604	2,107	284	822	0
44	CUSTOMER COMPONENT	G34	P34	EE34	13,117	11,589	1,290	155	0
45	STREET LIGHTING	G35	P35	EE35	1,487	0	0	0	0
46	TOTAL OVERHEAD LINES			EEOL	33,513	19,587	2,685	4,249	2,347

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATION AND MAINTENANCE EXPENSE							
2	PRODUCTION FUNCTION							
3	FUEL NUCLEAR	G01	U10	EE01	1,198	3,748	1,252	152
4	FOSSIL FUEL W/O SUSQ	G02	U10	EE02	37,605	117,688	39,318	4,781
5	FUEL ADJUST WITH SUSQ	G02A	U10	EE02A	-899	-2,811	-940	-114
6	TOTAL FOSSIL FUEL			EE02T	36,706	114,877	38,378	4,667
7	NET INTERCHANGE W/O SUSQ	G03	U10	EE03	-17,232	-53,929	-18,017	-2,191
8	INTERCHANGE ADJ WITH SUSQ	G04	U10	EE04	-9,651	-30,203	-10,090	-1,227
9	TOTAL NET INTERCHANGE			EE05	-26,883	-84,132	-28,107	-3,418
10	PURCHASES- AE BUYBACK			EE06	1,027	2,615	1,346	11
11	DEMAND COMPONENT	G06D	P09	EE06D	939	2,339	1,253	0
12	ENERGY COMPONENT	G06E	U10	EE06E	88	276	93	11
13	PURCHASES- OTHER			EE07	156	387	208	0
14	DEMAND COMPONENT	G07D	P09	EE07D	156	387	208	0
15	ENERGY COMPONENT	G07E	U10	EE07E	0	0	0	0
16	OTHER PRODUCTION EXP- SUSQ			EE08	2,834	7,891	3,403	166
17	DEMAND COMPONENT	G08D	P08	EE08D	1,530	3,808	2,039	0
18	ENERGY COMPONENT	G08E	U10	EE08E	1,304	4,083	1,364	166
19	OTHER PRODUCTION EXP- OTHER			EE09	5,535	15,661	6,537	373
20	DEMAND COMPONENT	G09D	P09	EE09D	2,600	6,474	3,467	0
21	ENERGY COMPONENT	G09E	U10	EE09E	2,935	9,187	3,070	373
22	FUEL HANDLING	G11	U10	EE11	713	2,230	745	91
23	INST CAP PAYMENTS W/O SUSQ	G12	P09	EE12	-35	-89	-48	0
24	INST CAP PAYMENTS ADJ W/SUSQ	G13	P09	EE13	-15	-35	-19	0
25	TOT INSTALLED CAPACITY PAYMT			EE13T	-50	-124	-67	0
26	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	367	1,149	384	47
27	DECOMMISSIONING COSTS	G93	P08	EE93	124	309	165	0
28	TOTAL PRODUCTION FUNCTION			EE10	21,727	64,611	24,244	2,089
29	DEMAND COMPONENT			EE10D	5,299	13,193	7,065	0
30	ENERGY COMPONENT			EE10E	16,428	51,418	17,179	2,089
31	TRANSMISSION FUNCTION	G20	P20	EE20	507	1,263	676	0
32	DISTRIBUTION FUNCTION							
33	SUBSTATIONS							
34	GENERATION STEP-UP	G26	P26	EE26	2	4	2	0
35	66/138 KV	G27	P27	EE27	12	28	16	0
36	PRIMARY	G28	P28	EE28	0	0	479	0
37	SECONDARY	G29	P29	EE29	0	0	229	19
38	TOTAL SUBSTATIONS			EESS	14	32	726	19
39	OVERHEAD LINES							
40	66/138 KV	G31	P31	EE31	431	1,073	575	0
41	PRIMARY	G32	P32	EE32	0	0	605	0
42	SECONDARY							
43	DEMAND COMPONENT	G33	P33	EE33	0	0	361	30
44	CUSTOMER COMPONENT	G34	P34	EE34	0	0	73	10
45	STREET LIGHTING	G35	P35	EE35	0	0	0	1,487
46	TOTAL OVERHEAD LINES			EEOL	431	1,073	1,614	1,527

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 OPERATION AND MAINTENANCE EXPENSE CONTINUED								
2 UNDERGROUND LINES								
3 66/138 KV	G36	P36	EE36	191	67	12	37	27
4 PRIMARY	G37A	P37A	EE37A	320	137	25	76	55
5 SECONDARY								
6 DEMAND COMPONENT	G37	P37	EE37	1,435	839	113	327	0
7 CUSTOMER COMPONENT	G38	P38	EE38	1,479	1,307	145	18	0
8 TOTAL UNDERGROUND LINES			EEUG	3,425	2,350	295	458	82
9 LINE TRANSFORMERS								
10 DEMAND COMPONENT	G39	P39	EE39	2,875	1,680	227	656	0
11 CUSTOMER COMPONENT	G40	P40	EE40	408	362	40	5	0
12 TOTAL LINE TRANSFORMERS			EELT	3,283	2,042	267	661	0
13 MISC DIST EXPENSE & RENTS	G41	P30	EE41	8,949	5,294	768	1,245	503
14 DEMAND COMPONENT			EE41D	5,337	2,539	407	1,193	486
15 CUSTOMER COMPONENT			EE41C	3,612	2,755	361	52	17
16 METERS	G43	P43	EE43	5,601	3,668	1,243	288	257
17 STREET LIGHTING	G46	XP1	EE46	2,123	0	0	0	0
18 CUSTOMER INSTALLATIONS	G47	C31	EE47	3,596	3,179	354	43	0
19 TOTAL DISTRIBUTION FUNCTION			EE30	68,630	39,934	6,261	8,842	4,177
20 DEMAND COMPONENT			EE30D	37,207	17,074	2,828	8,281	3,903
21 CUSTOMER COMPONENT			EE30C	31,423	22,860	3,433	561	274
22 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	6,236	4,084	1,384	320	286
23 CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	21,735	19,171	2,133	265	20
24 SALES FUNCTION	G60	AT1D	EE60	1,146	426	78	228	149
25 CUST SERVICE & INFORMATION	G65	C10	EE65	7,175	6,334	705	85	5
26 ADMINISTRATIVE AND GENERAL								
27 PUC - REGULATORY EXPENSE	G70P	K929	EE70P	393	194	28	59	38
28 DEMAND COMPONENT			EE70PD	198	77	13	40	25
29 ENERGY COMPONENT			EE70PE	98	36	5	17	14
30 CUSTOMER COMPONENT			EE70PC	97	81	10	1	0
31 PROPERTY INSURANCE	G72	P09	EE72	3,914	1,365	258	758	544
32 OTHER ADMIN & GENERAL	G74	K929	EE74	70,529	34,779	4,985	10,612	6,886
33 DEMAND COMPONENT			EE74D	35,484	13,745	2,448	7,193	4,416
34 ENERGY COMPONENT			EE74E	17,577	6,487	810	3,191	2,429
35 CUSTOMER COMPONENT			EE74C	17,468	14,547	1,726	229	41
36 TOTAL A & G EXPENSE			EE76	74,836	36,338	5,271	11,429	7,468
37 DEMAND COMPONENT			EE76D	39,596	15,187	2,720	7,991	4,984
38 ENERGY COMPONENT			EE76E	17,675	6,523	815	3,208	2,443
39 CUSTOMER COMPONENT			EE76C	17,565	14,628	1,736	230	42
40 ADJUSTMENTS TO O & M EXPENSE								
41 WAGE EXPENSE	G83	K939	EE83	12,637	6,232	893	1,901	1,234
42 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	1,769	872	125	267	172
43 PUC - REGULATORY EXPENSE	G87	K929	EE87	-161	-79	-12	-24	-16
44 INTEREST ON CUST DEPOSITS	G89	CW5	EE89	166	26	72	49	5
45 RCS PROGRAM EXPENSE	G90	K939	EE90	225	111	16	34	22
46 TOTAL O & M EXPENSE			EE00	633,735	273,355	39,354	104,481	74,327
47 DEMAND COMPONENT			EE00D	196,017	74,152	13,413	39,435	25,338
48 ENERGY COMPONENT			EE00E	349,834	129,115	16,124	63,489	48,350
49 CUSTOMER COMPONENT			EE00C	87,884	70,088	9,817	1,557	639

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 OPERATION AND MAINTENANCE EXPENSE CONTINUED							
2 UNDERGROUND LINES							
3 66/138 KV	G36	P36	EE36	10	25	13	0
4 PRIMARY	G37A	P37A	EE37A	0	0	27	0
5 SECONDARY							
6 DEMAND COMPONENT	G37	P37	EE37	0	0	144	12
7 CUSTOMER COMPONENT	G38	P38	EE38	0	0	8	1
8 TOTAL UNDERGROUND LINES			EEUG	10	25	192	13
9 LINE TRANSFORMERS							
10 DEMAND COMPONENT	G39	P39	EE39	0	0	288	24
11 CUSTOMER COMPONENT	G40	P40	EE40	0	0	1	0
12 TOTAL LINE TRANSFORMERS			EELT	0	0	289	24
13 MISC DIST EXPENSE & RENTS	G41	P30	EE41	67	162	490	420
14 DEMAND COMPONENT			EE41D	64	161	470	17
15 CUSTOMER COMPONENT			EE41C	3	1	20	403
16 METERS	G43	P43	EE43	50	24	71	0
17 STREET LIGHTING	G46	XP1	EE46	0	0	0	2,123
18 CUSTOMER INSTALLATIONS	G47	C31	EE47	0	0	20	0
19 TOTAL DISTRIBUTION FUNCTION			EE30	572	1,316	3,402	4,126
20 DEMAND COMPONENT			EE30D	519	1,291	3,209	102
21 CUSTOMER COMPONENT			EE30C	53	25	193	4,024
22 CUSTOMER ACCOUNTS-METERS	G50	P43	EE50	57	26	79	0
23 CUSTOMER ACCOUNTS-OTHER	G55	CW4	EE55	6	2	122	16
24 SALES FUNCTION	G60	AT1D	EE60	52	128	84	1
25 CUST SERVICE & INFORMATION	G65	C10	EE65	0	1	40	5
26 ADMINISTRATIVE AND GENERAL							
27 PUC - REGULATORY EXPENSE	G70P	K929	EE70P	13	35	21	5
28 DEMAND COMPONENT			EE70PD	8	19	16	0
29 ENERGY COMPONENT			EE70PE	5	15	5	1
30 CUSTOMER COMPONENT			EE70PC	0	0	1	4
31 PROPERTY INSURANCE	G72	P09	EE72	205	511	273	0
32 OTHER ADMIN & GENERAL	G74	K929	EE74	2,313	6,302	3,692	960
33 DEMAND COMPONENT			EE74D	1,425	3,547	2,676	34
34 ENERGY COMPONENT			EE74E	879	2,750	919	112
35 CUSTOMER COMPONENT			EE74C	9	4	98	814
36 TOTAL A & G EXPENSE			EE76	2,531	6,848	3,986	965
37 DEMAND COMPONENT			EE76D	1,638	4,078	2,964	34
38 ENERGY COMPONENT			EE76E	883	2,767	924	112
39 CUSTOMER COMPONENT			EE76C	9	4	98	818
40 ADJUSTMENTS TO O & M EXPENSE							
41 WAGE EXPENSE	G83	K939	EE83	414	1,129	662	172
42 EMPLOYEE BENEFITS EXPENSE	G85	K929	EE85	58	158	93	24
43 PUC - REGULATORY EXPENSE	G87	K929	EE87	-5	-14	-9	-2
44 INTEREST ON CUST DEPOSITS	G89	CW5	EE89	5	0	9	0
45 RCS PROGRAM EXPENSE	G90	K939	EE90	7	20	12	3
46 TOTAL O & M EXPENSE			EE00	25,931	75,488	33,400	7,399
47 DEMAND COMPONENT			EE00D	8,307	20,680	14,547	145
48 ENERGY COMPONENT			EE00E	17,492	54,748	18,292	2,224
49 CUSTOMER COMPONENT			EE00C	132	60	561	5,030

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	DEPRECIATION EXPENSE								
2	SUSQ PROD FUNCTION	GD08	P08	ED08	13,264	4,627	872	2,569	1,843
3	OTHER PROD FUNCTION	GD09	P09	ED09	41,953	14,635	2,758	8,126	5,830
4	PRODUCTION FUNCTION			ED10	55,217	19,262	3,630	10,695	7,673
5	TRANSMISSION-SUSQUEHANNA	GD18	P18	ED18	168	59	11	32	24
6	OTHER TRANSMISSION	GD19	P19	ED19	7,740	2,700	509	1,499	1,076
7	TOTAL TRANSMISSION			ED20	7,908	2,759	520	1,531	1,100
8	DISTRIBUTION FUNCTION								
9	SUBSTATIONS								
10	GENERATION STEP-UP	GD26	P26	ED26	15	5	1	3	2
11	66/138 KV	GD27	P27	ED27	118	41	8	23	16
12	PRIMARY	GD28	P28	ED28	2,906	1,241	233	689	495
13	SECONDARY	GD29	P29	ED29	1,213	709	96	276	0
14	TOTAL SUBSTATIONS			EDSS	4,252	1,996	338	991	513
15	OVERHEAD LINES								
16	66/138 KV	GD31	P31	ED31	4,829	1,684	318	935	671
17	PRIMARY	GD32	P32	ED32	4,342	1,854	349	1,029	739
18	SECONDARY								
19	DEMAND COMPONENT	GD33	P33	ED33	2,225	1,301	175	508	0
20	CUSTOMER COMPONENT	GD34	P34	ED34	7,991	7,060	786	94	0
21	STREET LIGHTING	GD35	P35	ED35	859	0	0	0	0
22	TOTAL OVERHEAD LINES			EDOL	20,246	11,899	1,628	2,566	1,410
23	UNDERGROUND LINES								
24	66/138 KV	GD36	P36	ED36	102	36	6	20	14
25	PRIMARY	GD37A	P37A	ED37A	168	72	13	40	29
26	SECONDARY								
27	DEMAND COMPONENT	GD37	P37	ED37	753	440	60	171	0
28	CUSTOMER COMPONENT	GD38	P38	ED38	776	686	76	9	0
29	TOTAL UNDERGROUND LINES			EDUG	1,799	1,234	155	240	43
30	LINE TRANSFORMERS								
31	DEMAND COMPONENT	GD39	P39	ED39	4,918	2,875	388	1,121	0
32	CUSTOMER COMPONENT	GD40	P40	ED40	698	619	69	8	0
33	TOTAL LINE TRANSFORMERS			EDLT	5,616	3,494	457	1,129	0
34	SERVICES								
35	DEMAND COMPONENT	GD41	P41	ED41	1,614	951	129	371	0
36	CUSTOMER COMPONENT	GD42	P42	ED42	4,841	4,280	477	57	0
37	TOTAL SERVICES			EDSV	6,455	5,231	606	428	0
38	METERS	GD43	P43	ED43	1,684	1,103	374	86	77
39	AREA LIGHTING FIXTURES	GD44	P44	ED44	238	0	0	0	0
40	STREET LIGHTING	GD46	P46	ED46	1,232	0	0	0	0
41	TOTAL DISTRIBUTION FUNCTION			ED30	41,522	24,957	3,558	5,440	2,043
42	DEMAND COMPONENT			ED30D	23,203	11,209	1,776	5,186	1,966
43	CUSTOMER COMPONENT			ED30C	18,319	13,748	1,782	254	77
44	GENERAL FUNCTION	GD88	P88	ED88	3,084	1,506	233	473	302
45	DEMAND COMPONENT			ED88D	2,319	869	157	463	300
46	CUSTOMER COMPONENT			ED88C	765	637	76	10	2
47	DEPRECIATION EXPENSE SUSQ			ED00S	13,432	4,686	883	2,601	1,867
48	DEPRECIATION EXPENSE OTHER			ED00O	94,299	43,798	7,058	15,538	9,251
49	TOTAL DEPRECIATION EXPENSE			ED00	107,731	48,484	7,941	18,139	11,118
50	DEMAND COMPONENT			ED00D	88,647	34,099	6,083	17,875	11,039
51	CUSTOMER COMPONENT			ED00C	19,084	14,385	1,858	264	79

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	DEPRECIATION EXPENSE							
2	SUSQ PROD FUNCTION	GD08	P08	ED08	695	1,731	927	0
3	OTHER PROD FUNCTION	GD09	P09	ED09	2,198	5,475	2,931	0
4	PRODUCTION FUNCTION			ED10	2,893	7,206	3,858	0
5	TRANSMISSION-SUSQUEHANNA	GD18	P18	ED18	8	22	12	0
6	OTHER TRANSMISSION	GD19	P19	ED19	405	1,010	541	0
7	TOTAL TRANSMISSION			ED20	413	1,032	553	0
8	DISTRIBUTION FUNCTION							
9	SUBSTATIONS							
10	GENERATION STEP-UP	GD26	P26	ED26	1	2	1	0
11	66/138 KV	GD27	P27	ED27	6	16	8	0
12	PRIMARY	GD28	P28	ED28	0	0	248	0
13	SECONDARY	GD29	P29	ED29	0	0	122	10
14	TOTAL SUBSTATIONS			EDSS	7	18	379	10
15	OVERHEAD LINES							
16	66/138 KV	GD31	P31	ED31	253	631	337	0
17	PRIMARY	GD32	P32	ED32	0	0	371	0
18	SECONDARY							
19	DEMAND COMPONENT	GD33	P33	ED33	0	0	222	19
20	CUSTOMER COMPONENT	GD34	P34	ED34	0	0	45	6
21	STREET LIGHTING	GD35	P35	ED35	0	0	0	859
22	TOTAL OVERHEAD LINES			EDOL	253	631	975	884
23	UNDERGROUND LINES							
24	66/138 KV	GD36	P36	ED36	6	13	7	0
25	PRIMARY	GD37A	P37A	ED37A	0	0	14	0
26	SECONDARY							
27	DEMAND COMPONENT	GD37	P37	ED37	0	0	76	6
28	CUSTOMER COMPONENT	GD38	P38	ED38	0	0	4	1
29	TOTAL UNDERGROUND LINES			EDUG	6	13	101	7
30	LINE TRANSFORMERS							
31	DEMAND COMPONENT	GD39	P39	ED39	0	0	493	41
32	CUSTOMER COMPONENT	GD40	P40	ED40	0	0	1	1
33	TOTAL LINE TRANSFORMERS			EDLT	0	0	494	42
34	SERVICES							
35	DEMAND COMPONENT	GD41	P41	ED41	0	0	163	0
36	CUSTOMER COMPONENT	GD42	P42	ED42	0	0	27	0
37	TOTAL SERVICES			EDSV	0	0	190	0
38	METERS	GD43	P43	ED43	16	7	21	0
39	AREA LIGHTING FIXTURES	GD44	P44	ED44	0	0	0	238
40	STREET LIGHTING	GD46	P46	ED46	0	0	0	1,232
41	TOTAL DISTRIBUTION FUNCTION			ED30	282	669	2,160	2,413
42	DEMAND COMPONENT			ED30D	266	662	2,062	76
43	CUSTOMER COMPONENT			ED30C	16	7	98	2,337
44	GENERAL FUNCTION	GD88	P88	ED88	103	255	175	37
45	DEMAND COMPONENT			ED88D	103	255	171	1
46	CUSTOMER COMPONENT			ED88C	0	0	4	36
47	DEPRECIATION EXPENSE SUSQ			EDDOS	703	1,753	939	0
48	DEPRECIATION EXPENSE OTHER			EDDOO	2,988	7,409	5,807	2,450
49	TOTAL DEPRECIATION EXPENSE			EDDO	3,691	9,162	6,746	2,450
50	DEMAND COMPONENT			EDDOD	3,675	9,155	6,644	77
51	CUSTOMER COMPONENT			EDDOC	16	7	102	2,373

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	SUSQ PAYROLL TAXES	GP01	K939	EP01	1,292	637	91	195	126
2	OTHER PAYROLL TAXES	GP02	K939	EP02	8,402	4,143	594	1,264	821
3	TOTAL PAYROLL TAXES			EP00	9,694	4,780	685	1,459	947
4	DEMAND COMPONENT			EP00D	4,877	1,889	337	988	608
5	ENERGY COMPONENT			EP00E	2,416	892	111	439	334
6	CUSTOMER COMPONENT			EP00C	2,401	1,999	238	31	6
7	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS								
8	CAPITAL STOCK TAX	GT1	P01	ET1	10,975	4,493	776	1,978	1,306
9	DEMAND COMPONENT			ET1D	9,892	3,651	668	1,962	1,302
10	CUSTOMER COMPONENT			ET1C	1,083	842	108	16	4
11	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0	0
12	DEMAND COMPONENT			ET3D	0	0	0	0	0
13	CUSTOMER COMPONENT			ET3C	0	0	0	0	0
14	REGULATORY COMM ASSESSMENT	GT5	P01	ET5	1,436	588	101	259	171
15	DEMAND COMPONENT			ET5D	1,295	478	87	257	170
16	CUSTOMER COMPONENT			ET5C	141	110	14	2	1
17	LOCAL PROPERTY TAXES	GT6	P01	ET6	168	69	12	30	20
18	DEMAND COMPONENT			ET6D	151	56	10	30	20
19	CUSTOMER COMPONENT			ET6C	17	13	2	0	0
20	SALES & USE TAX	GT7	P01	ET7	412	169	29	74	49
21	DEMAND COMPONENT			ET7D	371	137	25	74	49
22	CUSTOMER COMPONENT			ET7C	41	32	4	0	0
23	OTHER TAXES AT PRESENT RATES			ET00	12,991	5,319	918	2,341	1,546
24	DEMAND COMPONENT			ET00D	11,709	4,322	790	2,323	1,541
25	CUSTOMER COMPONENT			ET00C	1,282	997	128	18	5
26	CAP STOCK TAX ADJUST SUSQ	GT8	ET1	ET8	582	238	41	105	70
27	CAP STOCK TAX ADJUST OTHER	GT9	ET1	ET9	290	119	20	52	35
28	TOT CAP STOCK TAX ADJUSTMENT			ET10	872	357	61	157	105
29	DEMAND COMPONENT			ET10D	786	290	53	155	105
30	CUSTOMER COMPONENT			ET10C	86	67	8	2	0
31	ADJUSTED OTHER TAXES			ET01	13,863	5,676	979	2,498	1,651
32	DEMAND COMPONENT			ET01D	12,495	4,612	843	2,478	1,646
33	CUSTOMER COMPONENT			ET01C	1,368	1,064	136	20	5

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	SUSQ PAYROLL TAXES	GP01	K939	EP01	42	116	67	18
2	OTHER PAYROLL TAXES	GP02	K939	EP02	275	751	440	114
3	TOTAL PAYROLL TAXES			EP00	317	867	507	132
4	DEMAND COMPONENT			EP00D	195	488	367	5
5	ENERGY COMPONENT			EP00E	120	379	126	15
6	CUSTOMER COMPONENT			EP00C	1	0	14	112
7	TAXES OTHER THAN INCOME PAYROLL AND GROSS RECEIPTS							
8	CAPITAL STOCK TAX	GT1	P01	ET1	454	1,131	726	111
9	DEMAND COMPONENT			ET1D	453	1,131	720	5
10	CUSTOMER COMPONENT			ET1C	1	0	6	106
11	PUBLIC UTILITY REALTY TAX	GT3	P01	ET3	0	0	0	0
12	DEMAND COMPONENT			ET3D	0	0	0	0
13	CUSTOMER COMPONENT			ET3C	0	0	0	0
14	REGULATORY COMM ASSESSMENT	GT5	P01	ET5	60	148	95	14
15	DEMAND COMPONENT			ET5D	60	148	94	1
16	CUSTOMER COMPONENT			ET5C	0	0	1	13
17	LOCAL PROPERTY TAXES	GT6	P01	ET6	7	17	11	2
18	DEMAND COMPONENT			ET6D	7	17	11	0
19	CUSTOMER COMPONENT			ET6C	0	0	0	2
20	SALES & USE TAX	GT7	P01	ET7	17	43	27	4
21	DEMAND COMPONENT			ET7D	17	42	27	0
22	CUSTOMER COMPONENT			ET7C	0	1	0	4
23	OTHER TAXES AT PRESENT RATES			ET00	538	1,339	859	131
24	DEMAND COMPONENT			ET00D	537	1,338	852	6
25	CUSTOMER COMPONENT			ET00C	1	1	7	125
26	CAP STOCK TAX ADJUST SUSQ	GT8	ET1	ET8	24	60	38	6
27	CAP STOCK TAX ADJUST OTHER	GT9	ET1	ET9	12	30	19	3
28	TOT CAP STOCK TAX ADJUSTMENT			ET10	36	90	57	9
29	DEMAND COMPONENT			ET10D	36	90	56	1
30	CUSTOMER COMPONENT			ET10C	0	0	1	8
31	ADJUSTED OTHER TAXES			ET01	574	1,429	916	140
32	DEMAND COMPONENT			ET01D	573	1,428	908	7
33	CUSTOMER COMPONENT			ET01C	1	1	8	133

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	682	238	45	132	95
2	DEFERRED INCOME TAXES - NET								
3	ACCEL AMORT EMERG FACIL	INCD1	P09	TXD1	-287	-100	-19	-56	-39
4	ACCEL AMORT POLLUTION CTL	INCD2	P09	TXD2	-121	-42	-8	-24	-16
5	CLASS LIFE SYSTEM	INCD3	P000	TXD3	-46	-21	-3	-8	-5
6	REMOVAL COSTS	INCD4	P000	TXD4	-748	-339	-55	-127	-78
7	ACCEL COST RECOVERY OTHER	INCD5	P000	TXD5	7,745	3,506	576	1,316	804
8	ACCEL COST RECOVERY SUSQ	INCD6	P00S	TXD6	74,233	25,895	4,881	14,378	10,316
9	TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-240	-89	-11	-43	-33
10	EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-284	-99	-19	-55	-39
11	DECOMMISSIONING	INCDA	P08	TXDA	-1,223	-427	-80	-237	-170
12	SPENT NUC FUEL DISPOSAL	INCDB	U10	TXDB	-3,795	-1,401	-175	-688	-525
13	TEST POWER SUSQUEHANNA	INCDC	U10	TXDC	388	143	18	70	54
14	CONV TO MONTHLY BILLING	INCDD	K939	TXDD	-562	-277	-40	-84	-55
15	DEMONSTRATION PROJECTS	INCDE	K939	TXDE	86	42	6	13	9
16	RCS PROGRAM	INCDF	K939	TXDF	-39	-19	-3	-6	-4
17	DEFERRED INCOME TAXES - NET			TXD31	75,107	26,772	5,068	14,449	10,219
18	DEMAND COMPONENT			TXD31D	77,805	27,348	5,134	15,118	10,735
19	ENERGY COMPONENT			TXD31E	-3,775	-1,394	-174	-685	-522
20	CUSTOMER COMPONENT			TXD31C	1,077	818	108	16	5
21	SUSQ INVEST TAX CREDIT AMORT	INCD36	P00	TXD36	-1,036	-432	-74	-184	-120
22	OTHER INVEST TAX CREDIT AMORT	INCD37	P00	TXD37	-2,025	-844	-145	-360	-235
23	TOTAL INVEST TAX CREDIT AMORT			TXD38	-3,061	-1,276	-219	-544	-355
24	DEMAND COMPONENT			TXD38D	-2,713	-1,010	-184	-539	-353
25	CUSTOMER COMPONENT			TXD38C	-348	-266	-35	-5	-2
26	SUSQ ITC PROV PRESENT RATES	INCD33	P00	TXD33	-45,899	-19,132	-3,275	-8,176	-5,322
27	OTHER ITC PROV PRESENT RATES	INCD34	P00	TXD34	54,443	22,693	3,884	9,699	6,313
28	TOTAL ITC PROV PRESENT RATES			TXD35	8,544	3,561	609	1,523	991
29	DEMAND COMPONENT			TXD35D	7,574	2,817	513	1,509	986
30	CUSTOMER COMPONENT			TXD35C	970	744	96	14	5
31	SUSQ ITC PROV ADJ PROP RATES	INVA	P00	IXVA	69,276	28,876	4,942	12,341	8,033
32	OTHER ITC PROV ADJ PROPOSED	INVB	P00	IXVB	35,939	14,980	2,564	6,402	4,168
33	TOTAL ITC PROV ADJ PROPOSED			IXVT	105,215	43,856	7,506	18,743	12,201
34	DEMAND COMPONENT			IXVTD	93,274	34,696	6,315	18,572	12,147
35	CUSTOMER COMPONENT			IXVTC	11,941	9,160	1,191	171	54
36	NET INVEST TAX CR PRES RATES			TXD39	5,483	2,285	390	979	636
37	DEMAND COMPONENT			TXD39D	4,861	1,808	328	970	633
38	CUSTOMER COMPONENT			TXD39C	622	477	62	9	3
39	NET INVEST TAX CR PROP RATES			TXD32	110,698	46,141	7,896	19,722	12,837
40	DEMAND COMPONENT			TXD32D	98,134	36,504	6,643	19,541	12,781
41	CUSTOMER COMPONENT			TXD32C	12,564	9,637	1,253	181	56
42	SUMMARY OF OPERATING EXPENSES AT PRESENT LEVEL								
43	REV REQTS EX RTN INC & GR TAX			TXDT	837,025	357,075	53,756	140,658	98,119
44	DEMAND COMPONENT			TXDTD	378,306	141,357	25,693	75,551	49,227
45	ENERGY COMPONENT			TXDTE	348,469	128,611	16,060	63,242	48,162
46	CUSTOMER COMPONENT			TXDTC	110,250	87,108	12,002	1,865	730
47	SUMMARY OF OPERATING EXPENSES AT PROPOSED LEVEL								
48	REV REQTS EX RTN INC & GR TAX			TXDTP	943,112	401,288	61,323	159,558	110,425
49	DEMAND COMPONENT			TXDTPD	472,366	176,344	32,060	94,277	61,480
50	ENERGY COMPONENT			TXDTPE	348,469	128,611	16,060	63,242	48,162
51	CUSTOMER COMPONENT			TXDTPC	122,277	96,334	13,202	2,038	784

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
ALLOCATION OF OPERATING EXPENSES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	AMORTIZATION OF PROPERTY LOSS	INCD21	P09	TXD21	35	89	48	0
2	DEFERRED INCOME TAXES - NET							
3	ACCEL AMORT EMERG FACIL	INCD1	P09	TXD1	-15	-38	-20	0
4	ACCEL AMORT POLLUTION CTL	INCD2	P09	TXD2	-7	-16	-8	0
5	CLASS LIFE SYSTEM	INCD3	P000	TXD3	-1	-4	-3	-1
6	REMOVAL COSTS	INCD4	P000	TXD4	-25	-62	-47	-15
7	ACCEL COST RECOVERY OTHER	INCD5	P000	TXD5	259	644	489	151
8	ACCEL COST RECOVERY SUSQ	INCD6	P005	TXD6	3,890	9,686	5,187	0
9	TEST POWER MARTINS CREEK	INCD7	U10	TXD7	-12	-38	-12	-2
10	EXTRAORDINARY PROPERTY LOSS	INCD8	TXD21	TXD8	-15	-37	-20	0
11	DECOMMISSIONING	INCDA	P08	TXDA	-64	-160	-85	0
12	SPENT NUC FUEL DISPOSAL	INCDB	U10	TXDB	-190	-593	-199	-24
13	TEST POWER SUSQUEHANNA	INCDC	U10	TXDC	20	60	21	2
14	CONV TO MONTHLY BILLING	INCDD	K939	TXDD	-19	-50	-29	-8
15	DEMONSTRATION PROJECTS	INCDE	K939	TXDE	3	7	5	1
16	RCS PROGRAM	INCDF	K939	TXDF	-1	-3	-2	-1
17	DEFERRED INCOME TAXES - NET			TXD31	3,823	9,396	5,277	103
18	DEMAND COMPONENT			TXD31D	4,011	9,986	5,468	5
19	ENERGY COMPONENT			TXD31E	-188	-591	-197	-24
20	CUSTOMER COMPONENT			TXD31C	1	0	6	123
21	SUSQ INVEST TAX CREDIT AMORT	INCD36	P00	TXD36	-42	-103	-68	-13
22	OTHER INVEST TAX CREDIT AMORT	INCD37	P00	TXD37	-81	-202	-132	-26
23	TOTAL INVEST TAX CREDIT AMORT			TXD38	-123	-305	-200	-39
24	DEMAND COMPONENT			TXD38D	-123	-305	-198	-1
25	CUSTOMER COMPONENT			TXD38C	0	0	-2	-38
26	SUSQ ITC PROV PRESENT RATES	INCD33	P00	TXD33	-1,837	-4,565	-3,008	-584
27	OTHER ITC PROV PRESENT RATES	INCD34	P00	TXD34	2,179	5,415	3,567	693
28	TOTAL ITC PROV PRESENT RATES			TXD35	342	850	559	109
29	DEMAND COMPONENT			TXD35D	341	850	554	4
30	CUSTOMER COMPONENT			TXD35C	1	0	5	105
31	SUSQ ITC PROV ADJ PROP RATES	INVA	P00	IXVA	2,773	6,890	4,540	881
32	OTHER ITC PROV ADJ PROPOSED	INVB	P00	IXVB	1,438	3,575	2,355	457
33	TOTAL ITC PROV ADJ PROPOSED			IXVT	4,211	10,465	6,895	1,338
34	DEMAND COMPONENT			IXVTD	4,201	10,460	6,828	55
35	CUSTOMER COMPONENT			IXVTC	10	5	67	1,283
36	NET INVEST TAX CR PRES RATES			TXD39	219	545	359	70
37	DEMAND COMPONENT			TXD39D	219	544	356	3
38	CUSTOMER COMPONENT			TXD39C	0	1	3	67
39	NET INVEST TAX CR PROP RATES			TXD32	4,430	11,010	7,254	1,408
40	DEMAND COMPONENT			TXD32D	4,419	11,005	7,184	57
41	CUSTOMER COMPONENT			TXD32C	11	5	70	1,351
42	SUMMARY OF OPERATING EXPENSES AT PRESENT LEVEL							
43	REV REQTS EX RTN INC & GR TAX			TXDT	34,318	96,307	46,700	10,092
44	DEMAND COMPONENT			TXDTD	16,744	41,704	27,797	233
45	ENERGY COMPONENT			TXDTE	17,423	54,536	18,220	2,215
46	CUSTOMER COMPONENT			TXDTC	151	68	681	7,645
47	SUMMARY OF OPERATING EXPENSES AT PROPOSED LEVEL							
48	REV REQTS EX RTN INC & GR TAX			TXDTP	38,565	106,862	53,652	11,439
49	DEMAND COMPONENT			TXDTPD	20,981	52,254	34,682	288
50	ENERGY COMPONENT			TXDTPE	17,423	54,536	18,220	2,215
51	CUSTOMER COMPONENT			TXDTPC	161	73	749	8,936

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATING REVENUES								
2	SALES OF ELECTRICITY								
3	RATE REVENUE	RR			1,074,434	438,666	78,468	202,928	127,604
4	ENERGY COST RATE	ECR			85,343	31,225	3,943	15,264	12,033
5	PENNSYLVANIA TAX SURCHARGE	SCR			0	0	0	0	0
6	REVENUES @ PRESENT RATES			R104	1,159,777	469,891	82,411	218,192	139,637
7	ANNUALIZATION @ PRES RATES	ANN			14,797	3,179	-324	2,323	994
8	LATE PAY CHGS @ PRES RATES	S11	CW7	LPC	3,307	1,275	802	738	216
9	OTHER OPERATING REVENUES			R21	8,398	4,158	645	1,322	769
10	TOTAL OPERATING REVENUES			R00	1,186,279	478,503	83,534	222,575	141,616
11	OPERATING EXPENSES								
12	OPERATION & MAINTENANCE			EE00	633,735	273,355	39,354	104,481	74,327
13	DEPRECIATION			ED00	107,731	48,484	7,941	18,139	11,118
14	PAYROLL TAXES			EP00	9,694	4,780	685	1,459	947
15	GROSS RECEIPTS TAX			GRT	23,558	9,487	1,658	4,425	2,817
16	OTHER TAXES AT PRESENT RATES			ET00	12,991	5,319	918	2,341	1,546
17	DEFERRED INCOME TAXES - NET			TXD31	75,107	26,772	5,068	14,449	10,219
18	NET INVEST TAX CR PRES RATES			TXD39	5,483	2,285	390	979	636
19	AMORT PROPERTY LOSS	INCD21	P09	TXD21	682	238	45	132	95
20	TOT EXP BEFORE INCOME TAX			TXD	868,981	370,720	56,059	146,405	101,704
21	LESS INTEREST EXPENSE								
22	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
23	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,585
24	TOTAL INTEREST EXPENSE			TXDTIE	195,006	79,663	13,471	35,096	23,345
25	TOTAL INCOME TAX ADJUSTMENTS								
26	DEFERRED INCOME TAXES - NET			TXD31	75,107	26,772	5,068	14,449	10,219
27	NET INVEST TAX CR PRES RATES			TXD39	5,483	2,285	390	979	636
28	TAXES CAPITALIZED	INCD12	P00	TXD12	-5,959	-2,484	-425	-1,062	-691
29	PENSIONS CAPITALIZED SUSQ	INCD20	P00S	TXD20	2,351	820	155	455	327
30	PENSIONS CAPITALIZED OTHER	INCD13	P000	TXD13	-10,806	-4,892	-803	-1,836	-1,122
31	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	13,432	4,686	883	2,601	1,867
32	BOOK DEPRECIATION OTHER	INCD15	ED000	TXD15	94,299	43,798	7,058	15,538	9,251
33	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	91	41	7	15	9
34	TAX DEPRECIATION - SUSQ	INCD17	ED00S	TXD17	-173,679	-60,591	-11,418	-33,631	-24,141
35	TAX DEPRECIATION - OTHER	INCD18	ED000	TXD18	-103,299	-47,978	-7,732	-17,021	-10,134
36	REMOVAL COSTS	INCD19	P000	TXD19	-5,776	-2,615	-429	-982	-599
37	AMORT PROPERTY LOSS	INCD21	P09	TXD21	682	238	45	132	95
38	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	1,104	452	78	199	131
39	AMORTIZATION RAR ITEMS	INCD24	P01	TXD24	-4	-2	0	-1	0
40	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-162	-80	-11	-25	-16
41	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-823	-337	-58	-148	-98
42	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,343	2,710	339	1,332	1,015
43	DECOMMISSIONING COSTS	G93	P08	EE93	2,366	825	156	458	329
44	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	4,402	1,625	203	798	609
45	FEDERAL TAX ADJUSTMENTS			TXDTOT	-93,848	-34,727	-6,494	-17,750	-12,313

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATING REVENUES							
2	SALES OF ELECTRICITY							
3	RATE REVENUE	RR			42,280	113,753	54,071	16,664
4	ENERGY COST RATE	ECR			4,520	13,476	4,348	534
5	PENNSYLVANIA TAX SURCHARGE	SCR			0	0	0	0
6	REVENUES @ PRESENT RATES			R104	46,800	127,229	58,419	17,198
7	ANNUALIZATION @ PRES RATES	ANN			-20	7,119	1,317	209
8	LATE PAY CHGS @ PRES RATES	S11	CW7	LPC	38	32	161	45
9	OTHER OPERATING REVENUES			R21	236	579	496	193
10	TOTAL OPERATING REVENUES			R00	47,054	134,959	60,393	17,645
11	OPERATING EXPENSES							
12	OPERATION & MAINTENANCE			EE00	25,931	75,488	33,400	7,399
13	DEPRECIATION			ED00	3,691	9,162	6,746	2,450
14	PAYROLL TAXES			EP00	317	867	507	132
15	GROSS RECEIPTS TAX			GRT	936	2,688	1,198	349
16	OTHER TAXES AT PRESENT RATES			ET00	538	1,339	859	131
17	DEFERRED INCOME TAXES - NET			TXD31	3,823	9,396	5,277	103
18	NET INVEST TAX CR PRES RATES			TXD39	219	545	359	70
19	AMORT PROPERTY LOSS	INCD21	P09	TXD21	35	89	48	0
20	TOT EXP BEFORE INCOME TAX			TXD	35,491	99,574	48,393	10,635
21	LESS INTEREST EXPENSE							
22	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
23	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
24	TOTAL INTEREST EXPENSE			TXDTIE	8,132	20,617	12,716	1,966
25	TOTAL INCOME TAX ADJUSTMENTS							
26	DEFERRED INCOME TAXES - NET			TXD31	3,823	9,396	5,277	103
27	NET INVEST TAX CR PRES RATES			TXD39	219	545	359	70
28	TAXES CAPITALIZED	INCD12	P00	TXD12	-238	-593	-390	-76
29	PENSIONS CAPITALIZED SUSQ	INCD20	P00S	TXD20	123	307	164	0
30	PENSIONS CAPITALIZED OTHER	INCD13	P00O	TXD13	-362	-898	-683	-210
31	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	703	1,753	939	0
32	BOOK DEPRECIATION OTHER	INCD15	ED00O	TXD15	2,988	7,409	5,807	2,450
33	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	3	8	6	2
34	TAX DEPRECIATION - SUSQ	INCD17	ED00S	TXD17	-9,090	-22,667	-12,141	0
35	TAX DEPRECIATION - OTHER	INCD18	ED00O	TXD18	-3,273	-8,116	-6,361	-2,684
36	REMOVAL COSTS	INCD19	P00O	TXD19	-194	-479	-366	-112
37	AMORT PROPERTY LOSS	INCD21	P09	TXD21	35	89	48	0
38	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	46	114	73	11
39	AMORTIZATION RAR ITEMS	INCD24	P01	TXD24	0	-1	0	0
40	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-5	-14	-9	-2
41	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-34	-85	-55	-8
42	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	367	1,149	384	47
43	DECOMMISSIONING COSTS	G93	P08	EE93	124	309	165	0
44	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	220	689	230	28
45	FEDERAL TAX ADJUSTMENTS			TXDTOT	-4,545	-11,085	-6,553	-381

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 TAXABLE NET INCOME			OPY	28,444	-6,607	7,510	23,324	4,253
2 PA INCOME TAX CALCULATION								
3 PA INCOME TAX ADJUSTMENTS								
4 TAX PREFERENCE INCOME								
5 EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	3,817	1,331	251	740	530
6 OTHER	NCD40B	P09	TXD40B	1,039	362	69	201	144
7 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
8 ACRS DEPRECIATION OTHER	INCD42	P00O	TXD42	2,507	1,135	186	426	261
9 PA TAXABLE INCOME			POPY	48,193	542	8,830	27,090	6,909
10 PA INCOME TAX @ 6.977%			STAXA	3,362	38	616	1,890	482
11 TOTAL PA INCOME TAX			TSTAX	3,362	38	616	1,890	482
12 FEDERAL INCOME TAX CALCULATION								
13 FEDERAL TAXABLE INCOME			FOPY	25,082	-6,645	6,894	21,434	3,771
14 FEDERAL INCOME TAX @ 46%			FTAXA	11,538	-3,057	3,172	9,859	1,735
15 SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
16 ITC PROV PRESENT RATES			TXD35	8,544	3,561	609	1,523	991
17 TOTAL FEDERAL INCOME TAX			TFTAX	2,976	-6,625	2,561	8,333	742
18 RETURN			RTN	310,960	114,369	24,299	65,947	38,688
19 RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
20 RATE OF RETURN-PERCENT			RTR	8.66	7.80	9.80	10.21	9.00

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PRESENT RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 TAXABLE NET INCOME			OPY	-1,113	3,683	-7,270	4,664
2 PA INCOME TAX CALCULATION							
3 PA INCOME TAX ADJUSTMENTS							
4 TAX PREFERENCE INCOME							
5 EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	200	498	267	0
6 OTHER	NCD40B	P09	TXD40B	55	135	73	0
7 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
8 ACRS DEPRECIATION OTHER	INCD42	P00O	TXD42	83	209	158	49
9 PA TAXABLE INCOME			POPY	-126	6,142	-5,907	4,713
10 PA INCOME TAX @ 6.977%			STAXA	-9	429	-412	328
11 TOTAL PA INCOME TAX			TSTAX	-9	429	-412	328
12 FEDERAL INCOME TAX CALCULATION							
13 FEDERAL TAXABLE INCOME			FOPY	-1,104	3,255	-6,858	4,335
14 FEDERAL INCOME TAX @ 46%			FTAXA	-508	1,497	-3,154	1,994
15 SURTAX	SURTAX	RBX	SURT	1	2	1	0
16 ITC PROV PRESENT RATES			TXD35	342	850	559	109
17 TOTAL FEDERAL INCOME TAX			TFTAX	-851	645	-3,714	1,885
18 RETURN			RTN	12,423	34,311	16,127	4,796
19 RATE BASE			RBX	149,648	379,426	234,025	36,190
20 RATE OF RETURN-PERCENT			RTR	8.30	9.04	6.89	13.25

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF ALLOCATORS

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE SECTIONS A & B FOR FURTHER DETAILS

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	AMOUNTS EXPRESSED IN $1,000								
2	METER INVESTMENT	CW1			46,339	30,347	10,284	2,381	2,125
3	CUSTOMER ACCOUNTS EXPENSE	CW4			21,735	19,171	2,133	265	20
4	CUSTOMER DEPOSITS	CW5			1,821	282	791	537	62
5	LATE PAYMENT CHARGE	CW7			2,863	1,104	694	639	187
6	CUSTOMER ADVANCES	CW8			689	358	72	203	11
7	LINE TRANSFORMER CUST COMP	CW9			16,314	14,457	1,620	186	0
8	AMOUNTS EXPRESSED IN UNITS								
9	CUSTOMERS	C10			1,014,697	895,807	99,680	11,987	690
10	CUSTS SECONDARY SUBS & LINES	C30			1,013,899	895,807	99,680	11,987	0
11	CUSTS SECONDARY SERVICES	C31			1,013,164	895,807	99,680	11,987	0
12	AMOUNTS EXPRESSED IN MW								
13	DEMAND PROD/TRANS	D10			3,893	1,358	256	754	541
14	DEMAND PRIMARY CUSTS & BELOW	D20			3,181	1,358	256	754	541
15	DEMAND SECONDARY CUSTOMERS	D30			4,082	2,386	322	931	0
16	DEMAND SECONDARY SERVICES	D31			4,048	2,386	322	931	0
17	AMOUNTS EXPRESSED IN MWH								
18	ENERGY AT GENERATION LEVEL	U10			24,442,355	9,021,146	1,126,443	4,435,858	3,378,024
19	ENERGY AT SALES LEVEL	U15			22,705,896	8,242,374	1,029,200	4,052,922	3,177,854
20	DIRECT ALLOCATION								
21	DIRECT TO STREET LIGHTING	XP1			1	0	0	0	0
22	DIRECT TO AREA LIGHTING	XP2			1	0	0	0	0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF ALLOCATORS

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE SECTIONS A & B FOR FURTHER DETAILS

	INPUT	ALLOC OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 AMOUNTS EXPRESSED IN $1,000						
2 METER INVESTMENT	CW1		419	196	587	0
3 CUSTOMER ACCOUNTS EXPENSE	CW4		6	2	122	16
4 CUSTOMER DEPOSITS	CW5		53	0	94	2
5 LATE PAYMENT CHARGE	CW7		33	28	139	39
6 CUSTOMER ADVANCES	CW8		0	27	1	17
7 LINE TRANSFORMER CUST COMP	CW9		0	0	39	12
8 AMOUNTS EXPRESSED IN UNITS						
9 CUSTOMERS	C10		81	27	5,690	735
10 CUSTS SECONDARY SUBS & LINES	C30		0	0	5,690	735
11 CUSTS SECONDARY SERVICES	C31		0	0	5,690	0
12 AMOUNTS EXPRESSED IN MW						
13 DEMAND PROD/TRANS	D10		204	508	272	0
14 DEMAND PRIMARY CUSTS & BELOW	D20		0	0	272	0
15 DEMAND SECONDARY CUSTOMERS	D30		0	0	409	34
16 DEMAND SECONDARY SERVICES	D31		0	0	409	0
17 AMOUNTS EXPRESSED IN MWH						
18 ENERGY AT GENERATION LEVEL	U10		1,222,293	3,825,237	1,277,954	155,400
19 ENERGY AT SALES LEVEL	U15		1,184,972	3,708,440	1,168,149	141,985
20 DIRECT ALLOCATION						
21 DIRECT TO STREET LIGHTING	XP1		0	0	0	1
22 DIRECT TO AREA LIGHTING	XP2		0	0	0	1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 WAGES & SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES								
2 PRODUCTION SUSQ								
3 DEMAND COMPONENT	KA900	P08	KA901D	12,422	4,333	817	2,406	1,726
4 ENERGY COMPONENT	KA902	U10	KA903E	9,573	3,533	441	1,738	1,323
5 PRODUCTION OTHER								
6 DEMAND COMPONENT	KB900	P09	KB901D	24,909	8,689	1,638	4,824	3,462
7 ENERGY COMPONENT	KB902	U10	KB903E	20,360	7,514	939	3,695	2,814
8 TRANSMISSION	K904	P20	K905	4,070	1,420	267	789	565
9 DISTRIBUTION	K906	P30	K907	30,533	18,062	2,622	4,246	1,716
10 DEMAND COMPONENT			K907D	18,209	8,661	1,392	4,068	1,659
11 CUSTOMER COMPONENT			K907C	12,324	9,401	1,230	178	57
12 CUSTOMER ACCTS	K920	CW4	K921	12,461	10,991	1,223	152	11
13 CUSTOMER SERV & INFO	K922	C10	K923	4,962	4,381	487	59	3
14 SALES	K924	AT1D	K925	818	304	56	162	107
15 SUB TOTAL			K929	120,108	59,227	8,490	18,071	11,727
16 DEMAND COMPONENT			K929D	60,428	23,407	4,170	12,249	7,519
17 ENERGY COMPONENT			K929E	29,933	11,047	1,380	5,433	4,137
18 CUSTOMER COMPONENT			K929C	29,747	24,773	2,940	389	71
19 ADMIN & GENERAL	K930	K929	K931	24,815	12,237	1,754	3,733	2,423
20 DEMAND COMPONENT			K931D	12,485	4,836	862	2,530	1,554
21 ENERGY COMPONENT			K931E	6,184	2,282	286	1,122	855
22 CUSTOMER COMPONENT			K931C	6,146	5,118	608	80	15
23 TOTAL			K939	144,923	71,464	10,244	21,804	14,150
24 DEMAND COMPONENT			K939D	72,913	28,243	5,032	14,779	9,073
25 ENERGY COMPONENT			K939E	36,117	13,329	1,666	6,555	4,992
26 CUSTOMER COMPONENT			K939C	35,893	29,891	3,548	469	86
27 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
28 PRODUCTION-SUSQ	KA910	P08	KA911	21,933	7,651	1,442	4,248	3,048
29 PRODUCTION-OTHER	KB910	P09	KB911	45,139	15,746	2,968	8,743	6,273
30 TRANSMISSION	K904	P20	K905	4,070	1,420	267	789	565
31 DISTRIBUTION	K906	P30	K907	30,533	18,062	2,622	4,246	1,716
32 DEMAND COMPONENT			K907D	18,209	8,661	1,392	4,068	1,659
33 CUSTOMER COMPONENT			K907C	12,324	9,401	1,230	178	57
34 CUSTOMER ACCTS	K920	CW4	K921	12,461	10,991	1,223	152	11
35 CUSTOMER SERV & INFO	K922	C10	K923	4,962	4,381	487	59	3
36 SALES	K924	AT1D	K925	818	304	56	162	107
37 TOTAL			K433	119,916	58,555	9,065	18,399	11,723
38 DEMAND COMPONENT			K433D	90,169	33,782	6,125	18,010	11,652
39 CUSTOMER COMPONENT			K433C	29,747	24,773	2,940	389	71

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 WAGES & SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES							
				651	1,621	868	0
2 PRODUCTION SUSQ	KA900	P08	KA901D	478	1,499	500	61
3 DEMAND COMPONENT	KA902	U10	KA903E				
4 ENERGY COMPONENT							0
				1,305	3,251	1,740	129
5 PRODUCTION OTHER	KB900	P09	KB901D	1,018	3,186	1,065	
6 DEMAND COMPONENT	KB902	U10	KB903E				0
7 ENERGY COMPONENT				214	531	284	
							1,431
8 TRANSMISSION	K904	P20	K905	231	551	1,674	58
	K906	P30	K907	220	546	1,605	1,373
			K907D	11	5	69	
9 DISTRIBUTION			K907C				9
10 DEMAND COMPONENT				4	1	70	
11 CUSTOMER COMPONENT	K920	CW4	K921				4
				0	1	27	
12 CUSTOMER ACCTS	K922	C10	K923				0
				37	92	60	
13 CUSTOMER SERV & INFO	K924	AT1D	K925				1,634
				3,938	10,733	6,288	58
14 SALES			K929	2,427	6,041	4,557	190
			K929D	1,496	4,685	1,565	1,386
15 SUB TOTAL			K929E	15	7	166	
16 DEMAND COMPONENT			K929C				338
17 ENERGY COMPONENT				814	2,217	1,299	13
18 CUSTOMER COMPONENT	K930	K929	K931	501	1,248	941	39
			K931D	309	968	323	286
19 ADMIN & GENERAL			K931E	3	1	35	
20 DEMAND COMPONENT			K931C				1,972
21 ENERGY COMPONENT				4,752	12,950	7,587	70
22 CUSTOMER COMPONENT			K939	2,928	7,289	5,499	229
			K939D	1,805	5,653	1,888	1,673
23 TOTAL			K939E	18	9	199	
24 DEMAND COMPONENT			K939C				
25 ENERGY COMPONENT							0
26 CUSTOMER COMPONENT				1,150	2,862	1,532	0
				2,365	5,890	3,154	
27 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT							0
	KA910	P08	KA911			284	
28 PRODUCTION-SUSQ	KB910	P09	KB911	214	531		1,431
29 PRODUCTION-OTHER						1,674	58
	K904	P20	K905	231	551	1,605	1,373
30 TRANSMISSION	K906	P30	K907	220	546	69	9
			K907D	11	5	70	
31 DISTRIBUTION			K907C	4	1		4
32 DEMAND COMPONENT						27	
33 CUSTOMER COMPONENT	K920	CW4	K921	0	1		0
34 CUSTOMER ACCTS	K922	C10	K923			60	
				37	92		1,444
35 CUSTOMER SERV & INFO	K924	AT1D	K925			6,801	58
				4,001	9,928	6,635	1,386
36 SALES			K433	3,986	9,921	166	
			K433D	15	7		
37 TOTAL			K433C				
38 DEMAND COMPONENT							
39 CUSTOMER COMPONENT							

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

COST ALLOCATION STUDY AT PROPOSED RATES

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

Index	Pages
Calculations of Income Taxes, Allocated Returns and Rates of Return	2 to 5

Data changes from those used in the Section III study at present rates are the effects on revenues of the proposed rate changes and the related changes in income and other taxes. Accordingly, only the statements showing the calculation of the income taxes, allocated returns and rates of return at the proposed rate levels are reproduced here (pages 2 through 5) corresponding to pages 54 to 57 of Section III.

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	OPERATING REVENUES								
2	SALES OF ELECTRICITY								
3	RATE REVENUE	RRP			1,451,306	586,944	103,466	273,382	174,888
4	ENERGY COST RATE	ECRP			0	0	0	0	0
5	PENNSYLVANIA TAX SURCHARGE	SCRP			0	0	0	0	0
6	REVENUES @ PROPOSED RATES			R104P	1,451,306	586,944	103,466	273,382	174,888
7	ANNUALIZATION @ PROP RATES	ANNINP	ANN	ANNP	18,503	3,975	-405	2,905	1,243
8	LATE PAY CHGS @ PROP RATES	S10	CW7	LPCP	4,140	1,596	1,004	924	270
9	OTHER OPERATING REVENUES			R21	8,398	4,158	645	1,322	769
10	TOTAL OPERATING REVENUE			R00P	1,482,347	596,673	104,710	278,533	177,170
11	OPERATING EXPENSES								
12	OPERATION & MAINTENANCE			EE00	633,735	273,355	39,354	104,481	74,327
13	DEPRECIATION			ED00	107,731	48,484	7,941	18,139	11,118
14	PAYROLL TAXES			EP00	9,694	4,780	685	1,459	947
15	GROSS RECEIPTS TAX			GRTP	29,479	11,850	2,082	5,544	3,528
16	ADJUSTED OTHER TAXES			ET01	13,863	5,676	979	2,498	1,651
17	DEFERRED INCOME TAXES - NET			TXD31	75,107	26,772	5,068	14,449	10,219
18	NET INVEST TAX CR PROP RATES			TXD32	110,698	46,141	7,896	19,722	12,837
19	AMORT PROPERTY LOSS	INCD21	P09	TXD21	682	238	45	132	95
20	TOT EXP BEFORE INCOME TAX			TXD	980,989	417,297	64,049	166,424	114,721
21	LESS INTEREST EXPENSE								
22	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
23	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,565
24	TOTAL INTEREST EXPENSE			TXDTIE	195,006	79,663	13,471	35,096	23,345
25	TOTAL INCOME TAX ADJUSTMENTS								
26	DEFERRED INCOME TAXES - NET			TXD31	75,107	26,772	5,068	14,449	10,219
27	NET INVEST TAX CR PROP RATES			TXD32	110,698	46,141	7,896	19,722	12,837
28	TAXES CAPITALIZED	INCD12	P00	TXD12	-5,959	-2,484	-425	-1,062	-691
29	PENSIONS CAPITALIZED SUSQ	INCD20	P00S	TXD20	2,351	820	155	455	327
30	PENSIONS CAPITALIZED OTHER	INCD13	P000	TXD13	-10,806	-4,892	-803	-1,836	-1,122
31	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	13,432	4,686	883	2,601	1,667
32	BOOK DEPRECIATION OTHER	INCD15	ED000	TXD15	94,299	43,798	7,058	15,538	9,251
33	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	91	41	7	15	9
34	TAX DEPRECIATION - SUSQ	INCD17	ED00S	TXD17	-173,679	-60,591	-11,418	-33,631	-24,141
35	TAX DEPRECIATION - OTHER	INCD18	ED000	TXD18	-103,299	-47,978	-7,732	-17,021	-10,134
36	REMOVAL COSTS	INCD19	P000	TXD19	-5,776	-2,615	-429	-982	-599
37	AMORT PROPERTY LOSS	INCD21	P09	TXD21	682	238	45	132	95
38	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	1,104	452	78	199	131
39	AMORTIZATION RAR ITEMS	INCD24	P01	TXD24	-4	-2	0	-1	0
40	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-162	-80	-11	-25	-16
41	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-823	-337	-58	-148	-98
42	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,343	2,710	339	1,332	1,015
43	DECOMMISSIONING COSTS	G93	P08	EE93	2,366	825	156	458	329
44	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	4,402	1,625	203	798	609
45	FEDERAL TAX ADJUSTMENTS			TXDTOT	11,367	9,129	1,012	993	-112
46	TAXABLE NET INCOME			OPY	317,719	108,843	28,201	78,006	38,991

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

SEE PAGES 8 & 9, SECTION A FOR REVENUE DATA

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	OPERATING REVENUES							
2	SALES OF ELECTRICITY							
3	RATE REVENUE	RRP			58,276	159,364	73,990	20,996
4	ENERGY COST RATE	ECRP			0	0	0	0
5	PENNSYLVANIA TAX SURCHARGE	SCRP			0	0	0	0
6	REVENUES @ PROPOSED RATES			R104P	58,276	159,364	73,990	20,996
7	ANNUALIZATION @ PROP RATES	ANNINP	ANN	ANNP	-25	8,902	1,647	261
8	LATE PAY CHGS @ PROP RATES	S10	CW7	LPCP	48	41	201	56
9	OTHER OPERATING REVENUES			R21	236	579	496	193
10	TOTAL OPERATING REVENUE			R00P	58,535	168,886	76,334	21,506
11	OPERATING EXPENSES							
12	OPERATION & MAINTENANCE			EE00	25,931	75,488	33,400	7,399
13	DEPRECIATION			ED00	3,691	9,162	6,746	2,450
14	PAYROLL TAXES			EP00	317	867	507	132
15	GROSS RECEIPTS TAX			GRTP	1,166	3,366	1,517	426
16	ADJUSTED OTHER TAXES			ET01	574	1,429	916	140
17	DEFERRED INCOME TAXES - NET			TXD31	3,823	9,396	5,277	103
18	NET INVEST TAX CR PROP RATES			TXD32	4,430	11,010	7,254	1,408
19	AMORT PROPERTY LOSS	INCD21	P09	TXD21	35	89	48	0
20	TOT EXP BEFORE INCOME TAX			TXD	39,967	110,808	55,664	12,059
21	LESS INTEREST EXPENSE							
22	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
23	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
24	TOTAL INTEREST EXPENSE			TXDTIE	8,132	20,617	12,716	1,966
25	TOTAL INCOME TAX ADJUSTMENTS							
26	DEFERRED INCOME TAXES - NET			TXD31	3,823	9,396	5,277	103
27	NET INVEST TAX CR PROP RATES			TXD32	4,430	11,010	7,254	1,408
28	TAXES CAPITALIZED	INCD12	P00	TXD12	-238	-593	-390	-76
29	PENSIONS CAPITALIZED SUSQ	INCD20	P00S	TXD20	123	307	164	0
30	PENSIONS CAPITALIZED OTHER	INCD13	P00O	TXD13	-362	-898	-683	-210
31	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	703	1,753	939	0
32	BOOK DEPRECIATION OTHER	INCD15	ED00O	TXD15	2,988	7,409	5,807	2,450
33	DEPREC CHARGED TO CLEARING	INCD16	ED00	TXD16	3	8	6	2
34	TAX DEPRECIATION - SUSQ	INCD17	ED00S	TXD17	-9,090	-22,667	-12,141	0
35	TAX DEPRECIATION - OTHER	INCD18	ED00O	TXD18	-3,273	-8,116	-6,361	-2,684
36	REMOVAL COSTS	INCD19	P00O	TXD19	-194	-479	-366	-112
37	AMORT PROPERTY LOSS	INCD21	P09	TXD21	35	89	48	0
38	CONV TO MONTHLY BILLING	INCD23	P01	TXD23	46	114	73	11
39	AMORTIZATION RAR ITEMS	INCD24	P01	TXD24	0	-1	0	0
40	DEMONSTRATION PROJECTS	INCD25	K939	TXD25	-5	-14	-9	-2
41	PREFERRED DIV PAID - CREDIT	INCD26	P01	TXD26	-34	-85	-55	-8
42	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	367	1,149	384	47
43	DECOMMISSIONING COSTS	G93	P08	EE93	124	309	165	0
44	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	220	689	230	28
45	FEDERAL TAX ADJUSTMENTS			TXDTOT	-334	-620	342	957
46	TAXABLE NET INCOME			OPY	10,102	36,842	8,295	8,439

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 TAXABLE NET INCOME			OPY	317,719	108,843	28,201	78,006	38,991
2 PA INCOME TAX CALCULATION								
3 PA INCOME TAX ADJUSTMENTS								
4 TAX PREFERENCE INCOME								
5 EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	3,817	1,331	251	740	530
6 OTHER	NCD40B	P09	TXD40B	1,039	362	69	201	144
7 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
8 ACRS DEPRECIATION OTHER	INCD42	P00O	TXD42	2,507	1,135	186	426	261
9 PA TAXABLE INCOME			POPY	337,468	115,992	29,521	81,772	41,647
10 PA INCOME TAX @ 6.977%			STAXA	23,545	8,093	2,059	5,706	2,905
11 TOTAL PA INCOME TAX			TSTAX	23,545	8,093	2,059	5,706	2,905
12 FEDERAL INCOME TAX CALCULATION								
13 FEDERAL TAXABLE INCOME			FOPY	294,174	100,750	26,142	72,300	36,086
14 FEDERAL INCOME TAX @ 46%			FTAXA	135,320	46,345	12,025	33,259	16,599
15 SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
16 ITC PROV PRESENT RATES			TXD35	8,544	3,561	609	1,523	991
17 ITC PROV ADJ PROP RATES			IXVT	105,215	43,856	7,506	18,743	12,201
18 TOTAL FEDERAL INCOME TAX			TFTAX	21,543	-1,079	3,908	12,990	3,405
19 RETURN			RTN	456,270	172,363	34,692	93,415	56,137
20 RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
21 RATE OF RETURN-PERCENT			RTR	12.71	11.76	13.99	14.46	13.07

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
CALCULATION OF INCOME TAXES AND RETURN - PROPOSED RATES
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 TAXABLE NET INCOME			OPY	10,102	36,842	8,295	8,439
2 PA INCOME TAX CALCULATION							
3 PA INCOME TAX ADJUSTMENTS							
4 TAX PREFERENCE INCOME							
5 EXCESS DEPRECIATION SUSQ	NCD40A	P08	TXD40A	200	498	267	0
6 OTHER	NCD40B	P09	TXD40B	55	135	73	0
7 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
8 ACRS DEPRECIATION OTHER	INCD42	P00O	TXD42	83	209	158	49
9 PA TAXABLE INCOME			POPY	11,089	39,301	9,658	8,488
10 PA INCOME TAX @ 6.977%			STAXA	774	2,742	674	592
11 TOTAL PA INCOME TAX			TSTAX	774	2,742	674	592
12 FEDERAL INCOME TAX CALCULATION							
13 FEDERAL TAXABLE INCOME			FOPY	9,328	34,100	7,621	7,847
14 FEDERAL INCOME TAX @ 46%			FTAXA	4,291	15,686	3,506	3,609
15 SURTAX	SURTAX	RBX	SURT	1	2	1	0
16 ITC PROV PRESENT RATES			TXD35	342	850	559	109
17 ITC PROV ADJ PROP RATES			IXVT	4,211	10,465	6,895	1,338
18 TOTAL FEDERAL INCOME TAX			TFTAX	-263	4,369	-3,949	2,162
19 RETURN			RTN	18,058	50,967	23,945	6,693
20 RATE BASE			RBX	149,648	379,426	234,025	36,190
21 RATE OF RETURN-PERCENT			RTR	12.07	13.43	10.23	18.49

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

DEMAND, ENERGY AND CUSTOMER COMPONENTS OF REVENUE REQUIREMENTS PRESENT AND PROPOSED RATES

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

Index	Pages
a. Summary	2,3
b. Present Rates and Class Rates of Return	4 to 7
c. Present Rates and Jurisdictional System Rate of Return	8 to 11
d. Proposed Rates and Class Rates of Return	12 to 15
e. Proposed Rates and Jurisdictional System Rate of Return	16 to 19
f. Components of Income Tax Adjustments	20 to 21

Demand, energy and customer components of the class revenue requirements are provided for informational and reference purposes. Of major interest are the components for present and proposed rates at class rates of return and at class rates of return equal to the jurisdictional system rate of return. The summary (pages 2 and 3) shows the results of these four cases, obtained as extensions of the studies presented in Sections III and IV.

Pages 4 to 7 illustrate the process for the "Present Rates" case, using class rate base data, class percent rates of return, and other elements of revenue requirements calculated in Section III as a starting point. Income taxes are calculated independently for each class revenue component and assembled with the other elements to produce the final revenue requirements by components. Class totals are constrained to meet Section III totals.

Calculations for the remaining three cases are made by changing class rates of return to obtain corresponding returns and taxes and components of revenue requirements.

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
PRESENT & PROPOSED RATES - SUMMARY OF DEMAND ENERGY AND CUSTOMER COMPONENTS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	PRESENT RATES						
2	AT CLASS % RATE OF RETURN	RTRA	8.66	7.80	9.80	10.21	9.00
3	REVENUE REQUIREMENTS (PAGE 6)	RRA1	1,159,777	469,891	82,411	218,192	139,637
4	DEMAND COMPONENT	RRA1D	629,653	217,481	47,873	144,529	84,978
5	ENERGY COMPONENT	RRA1E	384,346	141,466	18,151	71,225	53,774
6	CUSTOMER COMPONENT	RRA1C	145,778	110,943	16,388	2,438	885
7	AT SYSTEM % RATE OF RETURN	RTRB	8.66	8.66	8.66	8.66	8.66
8	REVENUE REQUIREMENTS (PAGE 10)	RRA2	1,159,777	495,616	76,684	197,916	136,670
9	DEMAND COMPONENT	RRA2D	629,154	237,029	43,162	125,754	82,243
10	ENERGY COMPONENT	RRA2E	384,118	142,982	17,905	69,859	53,551
11	CUSTOMER COMPONENT	RRA2C	146,505	115,605	15,617	2,303	876
12	PROPOSED RATES						
13	AT CLASS % RATE OF RETURN	RTRC	12.71	11.76	13.99	14.46	13.07
14	REVENUE REQUIREMENTS (PAGE 14)	RRA3	1,451,306	586,944	103,466	273,382	174,888
15	DEMAND COMPONENT	RRA3D	874,778	306,758	65,223	195,868	117,569
16	ENERGY COMPONENT	RRA3E	402,665	148,087	19,032	74,712	56,322
17	CUSTOMER COMPONENT	RRA3C	173,862	132,098	19,213	2,802	996
18	AT SYSTEM % RATE OF RETURN	RTRD	12.71	12.71	12.71	12.71	12.71
19	REVENUE REQUIREMENTS (PAGE 18)	RRA4	1,451,306	615,449	97,015	250,433	171,811
20	DEMAND COMPONENT	RRA4D	874,785	328,433	59,915	174,598	114,732
21	ENERGY COMPONENT	RRA4E	402,320	149,755	18,755	73,186	56,093
22	CUSTOMER COMPONENT	RRA4C	174,201	137,261	18,345	2,649	986

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
PRESENT & PROPOSED RATES - SUMMARY OF DEMAND ENERGY AND CUSTOMER COMPONENTS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	PRESENT RATES					
2	AT CLASS % RATE OF RETURN	RTRA	8.30	9.04	6.89	13.25
3	REVENUE REQUIREMENTS (PAGE 7)	RRA1	46,800	127,229	58,419	17,198
4	DEMAND COMPONENT	RRA1D	27,171	68,974	38,101	546
5	ENERGY COMPONENT	RRA1E	19,454	58,176	19,520	2,580
6	CUSTOMER COMPONENT	RRA1C	175	78	798	14,073
7	AT SYSTEM % RATE OF RETURN	RTRB	8.66	8.66	8.66	8.66
8	REVENUE REQUIREMENTS (PAGE 11)	RRA2	47,902	124,313	66,852	13,824
9	DEMAND COMPONENT	RRA2D	28,189	66,389	45,990	398
10	ENERGY COMPONENT	RRA2E	19,537	57,847	19,997	2,440
11	CUSTOMER COMPONENT	RRA2C	176	77	865	10,986
12	PROPOSED RATES					
13	AT CLASS % RATE OF RETURN	RTRC	12.07	13.43	10.23	18.49
14	REVENUE REQUIREMENTS (PAGE 15)	RRA3	58,276	159,364	73,990	20,996
15	DEMAND COMPONENT	RRA3D	37,769	98,115	52,764	712
16	ENERGY COMPONENT	RRA3E	20,316	61,160	20,307	2,729
17	CUSTOMER COMPONENT	RRA3C	191	89	919	17,554
18	AT SYSTEM % RATE OF RETURN	RTRD	12.71	12.71	12.71	12.71
19	REVENUE REQUIREMENTS (PAGE 19)	RRA4	60,243	153,820	85,788	16,747
20	DEMAND COMPONENT	RRA4D	39,584	93,177	63,820	526
21	ENERGY COMPONENT	RRA4E	20,464	60,556	20,957	2,554
22	CUSTOMER COMPONENT	RRA4C	195	87	1,011	13,667

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND CLASS RATES OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
2	DEMAND COMPONENT			RBXD	3,024,288	1,117,965	204,258	600,736	397,143
3	ENERGY COMPONENT			RBXE	225,440	83,206	10,389	40,914	31,155
4	CUSTOMER COMPONENT			RBXC	339,131	264,945	33,256	4,258	1,344
5	RETURN ON RATE BASE			RTNA1	310,960	114,369	24,299	65,947	38,688
6	DEMAND COMPONENT			RTNAD	262,306	87,211	20,021	61,334	35,762
7	ENERGY COMPONENT			RTNAE	19,620	6,491	1,018	4,177	2,806
8	CUSTOMER COMPONENT			RTNAC	29,034	20,668	3,260	434	121
9	RATE OF RETURN-PERCENT	RTRA			8.66	7.80	9.80	10.21	9.00
10	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
11	DEMAND COMPONENT			TXD10D	68,700	25,395	4,641	13,646	9,022
12	ENERGY COMPONENT			TXD10E	5,121	1,890	236	929	708
13	CUSTOMER COMPONENT			TXD10C	7,704	6,018	756	97	30
14	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,585
15	DEMAND COMPONENT			TXD11D	95,629	35,350	6,459	18,996	12,557
16	ENERGY COMPONENT			TXD11E	7,128	2,631	329	1,293	985
17	CUSTOMER COMPONENT			TXD11C	10,723	8,378	1,051	135	42
18	FEDERAL TAX ADJUSTMENTS			TXDTOT	-93,848	-34,727	-6,494	-17,750	-12,313
19	DEMAND COMPONENT			TXTOTD	-98,107	-34,850	-6,499	-19,137	-13,394
20	ENERGY COMPONENT			TXTOTE	7,930	2,926	366	1,438	1,097
21	CUSTOMER COMPONENT			TXTOTC	-3,671	-2,802	-362	-51	-16
22	SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
23	DEMAND COMPONENT			SURTD	15	5	2	3	2
24	ENERGY COMPONENT			SURTE	1	0	0	1	0
25	CUSTOMER COMPONENT			SURTC	2	1	1	0	0
26	ITC PROV PRESENT RATES			TXD35	8,544	3,561	609	1,523	991
27	DEMAND COMPONENT			TXD35D	7,574	2,817	513	1,509	986
28	CUSTOMER COMPONENT			TXD35C	970	744	96	14	5
29	SUMMARY FOR FEDERAL INCOME CALCULATION								
30	(5)-(10,14)+(18)-(22)-(26)			LINE30	13,544	-3,588	3,723	11,574	2,036
31	FEDERAL INCOME TAX								
32	.46 / .54 X (30)- (22)- (26)			TAXFED	2,976	-6,625	2,561	8,333	742
33	DEMAND COMPONENT			TFEDD	-14,166	-12,370	1,112	5,341	-1,160
34	ENERGY COMPONENT			TFEDE	13,031	4,170	698	2,889	1,882
35	CUSTOMER COMPONENT			TFEDC	4,110	1,576	750	103	20
36	PA INCOME TAX ADJUSTMENTS								
37	TAX PREFERENCE INCOME			TXD40	4,856	1,693	320	941	674
38	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
39	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	2,507	1,135	186	426	261
40	DEMAND COMPONENT			TXD42D	2,072	801	143	420	259
41	CUSTOMER COMPONENT			TXD42C	435	334	43	6	2
42	SUMMARY FOR STATE INCOME TAX								
43	5-(10,14)+(18,32)+(37,38,39)			LINE43	44,831	504	8,214	25,200	6,427
44	STATE INCOME TAX								
45	.06977 / .93023 X (43)			TAXPA	3,362	38	616	1,890	482
46	DEMAND COMPONENT			TXPAD	376	-1,046	361	1,400	171
47	ENERGY COMPONENT			TXPAE	2,125	680	114	471	307
48	CUSTOMER COMPONENT			TXPAC	861	403	142	19	4

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND CLASS RATES OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	RATE BASE			RBX	149,648	379,426	234,025	36,190
2	DEMAND COMPONENT			RBXD	138,149	344,021	220,429	1,587
3	ENERGY COMPONENT			RBXE	11,274	35,282	11,787	1,433
4	CUSTOMER COMPONENT			RBXC	225	123	1,809	33,171
5	RETURN ON RATE BASE			RTNA1	12,423	34,311	16,127	4,796
6	DEMAND COMPONENT			RTNAD	11,469	31,109	15,189	211
7	ENERGY COMPONENT			RTNAE	936	3,190	812	190
8	CUSTOMER COMPONENT			RTNAC	19	11	125	4,396
9	RATE OF RETURN-PERCENT	RTRA			8.30	9.04	6.89	13.25
10	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
11	DEMAND COMPONENT			TXD10D	3,138	7,815	5,007	36
12	ENERGY COMPONENT			TXD10E	256	802	268	32
13	CUSTOMER COMPONENT			TXD10C	5	3	41	754
14	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
15	DEMAND COMPONENT			TXD11D	4,369	10,878	6,970	59
16	ENERGY COMPONENT			TXD11E	357	1,115	373	45
17	CUSTOMER COMPONENT			TXD11C	7	4	58	1,048
18	FEDERAL TAX ADJUSTMENTS			TXDTOT	-4,545	-11,085	-6,553	-381
19	DEMAND COMPONENT			TXTOTD	-4,939	-12,324	-6,948	-16
20	ENERGY COMPONENT			TXTOTE	396	1,241	415	51
21	CUSTOMER COMPONENT			TXTOTC	-3	-1	-20	-416
22	SURTAX	SURTAX	RBX	SURT	1	2	1	0
23	DEMAND COMPONENT			SURTD	1	1	1	0
24	ENERGY COMPONENT			SURTE	0	0	0	0
25	CUSTOMER COMPONENT			SURTC	0	0	0	0
26	ITC PROV PRESENT RATES			TXD35	342	850	559	109
27	DEMAND COMPONENT			TXD35D	341	850	554	4
28	CUSTOMER COMPONENT			TXD35C	1	0	5	105
29	SUMMARY FOR FEDERAL INCOME CALCULATION							
30	(5)-(10,14)+(18)-(22)-(26)			LINE30	-596	1,757	-3,703	2,341
31	FEDERAL INCOME TAX							
32	.46 / .54 X (30)- (22)- (26)			TAXFED	-851	645	-3,714	1,885
33	DEMAND COMPONENT			TFEDD	-1,465	-1,499	-4,209	84
34	ENERGY COMPONENT			TFEDE	613	2,142	499	138
35	CUSTOMER COMPONENT			TFEDC	1	2	-4	1,662
36	PA INCOME TAX ADJUSTMENTS							
37	TAX PREFERENCE INCOME			TXD40	255	633	340	0
38	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
39	ACRS DEPRECIATION OTHER	INCD42	P00O	TXD42	83	209	158	49
40	DEMAND COMPONENT			TXD42D	83	208	156	2
41	CUSTOMER COMPONENT			TXD42C	0	1	2	47
42	SUMMARY FOR STATE INCOME TAX							
43	5-(10,14)+(18,32)+(37,38,39)			LINE43	-117	5,714	-5,495	4,384
44	STATE INCOME TAX							
45	.06977 / .93023 X (43)			TAXPA	-9	429	-412	328
46	DEMAND COMPONENT			TXPAD	-109	79	-494	14
47	ENERGY COMPONENT			TXPAE	100	349	81	23
48	CUSTOMER COMPONENT			TXPAC	1	0	1	291

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND CLASS RATES OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 REV REQTS EX RTN INC & GR TAX			TXDT	837,025	357,075	53,756	140,658	98,119
2 DEMAND COMPONENT			TXDTD	378,306	141,357	25,693	75,551	49,227
3 ENERGY COMPONENT			TXDTE	348,469	128,611	16,060	63,242	48,162
4 CUSTOMER COMPONENT			TXDTC	110,250	87,108	12,002	1,865	730
5 RETURN ON RATE BASE			RTNA1	310,960	114,369	24,299	65,947	38,688
6 DEMAND COMPONENT			RTNAD	262,306	87,211	20,021	61,334	35,762
7 ENERGY COMPONENT			RTNAE	19,620	6,491	1,018	4,177	2,806
8 CUSTOMER COMPONENT			RTNAC	29,034	20,668	3,260	434	121
9 TOTAL INCOME TAXES			TTXF	6,338	-6,587	3,177	10,223	1,224
10 DEMAND COMPONENT			TTXFD	-13,789	-13,416	1,473	6,740	-988
11 ENERGY COMPONENT			TTXFE	15,156	4,850	812	3,360	2,188
12 CUSTOMER COMPONENT			TTXFC	4,971	1,979	892	123	24
13 REVENUE REQTS BEFORE GRT			RRBA	1,154,323	464,858	81,231	216,828	138,030
14 DEMAND COMPONENT			RRBAD	626,623	215,152	47,187	143,626	83,999
15 ENERGY COMPONENT			RRBAE	383,246	139,951	17,891	70,780	53,155
16 CUSTOMER COMPONENT			RRBAC	144,255	109,755	16,153	2,423	875
17 GROSS RECEIPTS TAX @ 20 MILLS			GRTA	23,558	9,487	1,658	4,425	2,817
18 DEMAND COMPONENT			GRTAD	12,792	4,391	963	2,931	1,714
19 ENERGY COMPONENT			GRTAE	7,821	2,856	365	1,445	1,085
20 CUSTOMER COMPONENT			GRTAC	2,944	2,240	330	49	18
21 ANNUALIZATION CREDIT	ANN			14,797	3,179	-324	2,323	994
22 DEMAND COMPONENT			ANND	8,140	1,471	-188	1,539	605
23 ENERGY COMPONENT			ANNE	5,745	957	-71	758	383
24 CUSTOMER COMPONENT			ANNC	912	751	-65	26	6
25 LATE PAY CHARGE CREDIT	S11	CW7	LPC	3,307	1,275	802	738	216
26 DEMAND COMPONENT			LPCD	1,822	590	466	489	131
27 ENERGY COMPONENT			LPCE	976	384	176	241	84
28 CUSTOMER COMPONENT			LPCC	509	301	160	8	1
29 REVENUE REQUIREMENTS			RRA1	1,159,777	469,891	82,411	218,192	139,637
30 DEMAND COMPONENT			RRAID	629,653	217,481	47,873	144,529	84,978
31 ENERGY COMPONENT			RRAIE	384,346	141,466	18,151	71,225	53,774
32 CUSTOMER COMPONENT			RRAIC	145,778	110,943	16,388	2,438	885

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND CLASS RATES OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 REV REQTS EX RTN INC & GR TAX			TXDT	34,318	96,307	46,700	10,092
2 DEMAND COMPONENT			TXDTD	16,744	41,704	27,797	233
3 ENERGY COMPONENT			TXDTE	17,423	54,536	18,220	2,215
4 CUSTOMER COMPONENT			TXDTC	151	68	681	7,645
5 RETURN ON RATE BASE			RTNA1	12,423	34,311	16,127	4,796
6 DEMAND COMPONENT			RTNAD	11,469	31,109	15,189	211
7 ENERGY COMPONENT			RTNAE	936	3,190	812	190
8 CUSTOMER COMPONENT			RTNAC	19	11	125	4,396
9 TOTAL INCOME TAXES			TTXF	-860	1,074	-4,127	2,214
10 DEMAND COMPONENT			TTXFD	-1,575	-1,419	-4,703	99
11 ENERGY COMPONENT			TTXFE	714	2,491	581	160
12 CUSTOMER COMPONENT			TTXFC	1	2	-4	1,954
13 REVENUE REQTS BEFORE GRT			RRBA	45,882	131,692	58,699	17,103
14 DEMAND COMPONENT			RRBAD	26,639	71,394	38,283	543
15 ENERGY COMPONENT			RRBAE	19,072	60,217	19,614	2,566
16 CUSTOMER COMPONENT			RRBAC	171	81	802	13,995
17 GROSS RECEIPTS TAX @ 20 MILLS			GRTA	936	2,688	1,198	349
18 DEMAND COMPONENT			GRTAD	544	1,457	781	11
19 ENERGY COMPONENT			GRTAE	389	1,229	400	52
20 CUSTOMER COMPONENT			GRTAC	3	2	16	286
21 ANNUALIZATION CREDIT	ANN			-20	7,119	1,317	209
22 DEMAND COMPONENT			ANND	-12	3,860	859	6
23 ENERGY COMPONENT			ANNE	-9	3,256	440	31
24 CUSTOMER COMPONENT			ANNC	0	5	18	171
25 LATE PAY CHARGE CREDIT	S11	CW7	LPC	38	32	161	45
26 DEMAND COMPONENT			LPCD	22	18	105	1
27 ENERGY COMPONENT			LPCE	15	15	54	7
28 CUSTOMER COMPONENT			LPCC	0	0	2	37
29 REVENUE REQUIREMENTS			RRA1	46,800	127,229	58,419	17,198
30 DEMAND COMPONENT			RRA1D	27,171	68,974	38,101	546
31 ENERGY COMPONENT			RRA1E	19,454	58,176	19,520	2,580
32 CUSTOMER COMPONENT			RRA1C	175	78	798	14,073

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
2	DEMAND COMPONENT			RBXD	3,024,288	1,117,965	204,258	600,736	397,143
3	ENERGY COMPONENT			RBXE	225,440	83,206	10,389	40,914	31,155
4	CUSTOMER COMPONENT			RBXC	339,131	264,945	33,256	4,258	1,344
5	RETURN ON RATE BASE			RTNA2	310,960	127,033	21,480	55,965	37,227
6	DEMAND COMPONENT			RTNAD	262,042	96,867	17,698	52,052	34,411
7	ENERGY COMPONENT			RTNAE	19,533	7,209	901	3,545	2,699
8	CUSTOMER COMPONENT			RTNAC	29,384	22,956	2,882	369	116
9	RATE OF RETURN-PERCENT	RTRB			8.66	8.66	8.66	8.66	8.66
10	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
11	DEMAND COMPONENT			TXD10D	68,700	25,395	4,641	13,646	9,022
12	ENERGY COMPONENT			TXD10E	5,121	1,890	236	929	708
13	CUSTOMER COMPONENT			TXD10C	7,704	6,018	756	97	30
14	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,585
15	DEMAND COMPONENT			TXD11D	95,629	35,350	6,459	18,996	12,557
16	ENERGY COMPONENT			TXD11E	7,128	2,631	329	1,293	985
17	CUSTOMER COMPONENT			TXD11C	10,723	8,378	1,051	135	42
18	FEDERAL TAX ADJUSTMENTS			TXDTOT	-93,848	-34,727	-6,494	-17,750	-12,313
19	DEMAND COMPONENT			TXTOTD	-98,107	-34,850	-6,499	-19,137	-13,394
20	ENERGY COMPONENT			TXTOTE	7,930	2,926	366	1,438	1,097
21	CUSTOMER COMPONENT			TXTOTC	-3,671	-2,802	-362	-51	-16
22	SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
23	DEMAND COMPONENT			SURTD	15	5	2	3	2
24	ENERGY COMPONENT			SURTE	1	0	0	1	0
25	CUSTOMER COMPONENT			SURTC	2	1	1	0	0
26	ITC PROV PRESENT RATES			TXD35	8,544	3,561	609	1,523	991
27	DEMAND COMPONENT			TXD35D	7,574	2,817	513	1,509	986
28	CUSTOMER COMPONENT			TXD35C	970	744	96	14	5
29	SUMMARY FOR FEDERAL INCOME TAX CALCULATION								
30	(5)-(10,14)+(18)-(22)-(26)			LINE30	13,544	9,076	903	1,593	576
31	FEDERAL INCOME TAX								
32	.46 / .54 X (30)- (22)- (26)			TAXFED	2,976	4,163	159	-169	-503
33	DEMAND COMPONENT			TFEDD	-14,390	-4,144	-867	-2,567	-2,310
34	ENERGY COMPONENT			TFEDE	12,957	4,782	598	2,350	1,791
35	CUSTOMER COMPONENT			TFEDC	4,408	3,525	428	48	15
36	PA INCOME TAX ADJUSTMENTS								
37	TAX PREFERENCE INCOME			TXD40	4,856	1,693	320	941	674
38	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
39	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	2,507	1,135	186	426	261
40	DEMAND COMPONENT			TXD42D	2,072	801	143	420	259
41	CUSTOMER COMPONENT			TXD42C	435	334	43	6	2
42	SUMMARY FOR STATE INCOME TAX								
43	5-(10,14)+(18,32)+(37,38,39)			LINE43	44,831	23,956	2,993	6,716	3,722
44	STATE INCOME TAX								
45	.06977 / .93023 X (43)			TAXPA	3,362	1,797	224	504	279
46	DEMAND COMPONENT			TXPAD	340	296	38	110	-17
47	ENERGY COMPONENT			TXPAE	2,113	780	97	384	292
48	CUSTOMER COMPONENT			TXPAC	910	721	89	11	3

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION — FUTURE TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 RATE BASE			RBX	149,648	379,426	234,025	36,190
2 DEMAND COMPONENT			RBXD	138,149	344,021	220,429	1,587
3 ENERGY COMPONENT			RBXE	11,274	35,282	11,787	1,433
4 CUSTOMER COMPONENT			RBXC	225	123	1,809	33,171
5 RETURN ON RATE BASE			RTNA2	12,966	32,876	20,278	3,135
6 DEMAND COMPONENT			RTNAD	11,970	29,808	19,099	137
7 ENERGY COMPONENT			RTNAE	977	3,057	1,021	124
8 CUSTOMER COMPONENT			RTNAC	20	11	156	2,874
9 RATE OF RETURN-PERCENT	RTRB			8.66	8.66	8.66	8.66
10 INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
11 DEMAND COMPONENT			TXD10D	3,138	7,815	5,007	36
12 ENERGY COMPONENT			TXD10E	256	802	268	32
13 CUSTOMER COMPONENT			TXD10C	5	3	41	754
14 INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
15 DEMAND COMPONENT			TXD11D	4,369	10,878	6,970	50
16 ENERGY COMPONENT			TXD11E	357	1,115	373	45
17 CUSTOMER COMPONENT			TXD11C	7	4	58	1,048
18 FEDERAL TAX ADJUSTMENTS			TXDTOT	-4,545	-11,085	-6,553	-381
19 DEMAND COMPONENT			TXTOTD	-4,939	-12,324	-6,948	-16
20 ENERGY COMPONENT			TXTOTE	396	1,241	415	51
21 CUSTOMER COMPONENT			TXTOTC	-3	-1	-20	-416
22 SURTAX	SURTAX	RBX	SURT	1	2	1	0
23 DEMAND COMPONENT			SURTD	1	1	1	0
24 ENERGY COMPONENT			SURTE	0	0	0	0
25 CUSTOMER COMPONENT			SURTC	0	0	0	0
26 ITC PROV PRESENT RATES			TXD35	342	850	559	109
27 DEMAND COMPONENT			TXD35D	341	850	554	4
28 CUSTOMER COMPONENT			TXD35C	1	0	5	105
29 SUMMARY FOR FEDERAL INCOME TAX CALCULATION							
30 (5)-(10,14)+(18)-(22)-(26)			LINE30	-54	322	448	680
31 FEDERAL INCOME TAX							
32 .46 / .54 X (30)- (22)- (26)			TAXFED	-389	-577	-179	471
33 DEMAND COMPONENT			TFEDD	-1,038	-2,607	-879	22
34 ENERGY COMPONENT			TFEDE	648	2,029	677	82
35 CUSTOMER COMPONENT			TFEDC	2	2	22	366
36 PA INCOME TAX ADJUSTMENTS							
37 TAX PREFERENCE INCOME			TXD40	255	633	340	0
38 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
39 ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	83	209	158	49
40 DEMAND COMPONENT			TXD42D	83	208	156	2
41 CUSTOMER COMPONENT			TXD42C	0	1	2	47
42 SUMMARY FOR STATE INCOME TAX							
43 5-(10,14)+(18,32)+(37,38,39)			LINE43	887	3,056	2,192	1,309
44 STATE INCOME TAX							
45 .06977 / .93023 X (43)			TAXPA	67	229	164	98
46 DEMAND COMPONENT			TXPAD	-39	-102	49	5
47 ENERGY COMPONENT			TXPAE	105	331	110	14
48 CUSTOMER COMPONENT			TXPAC	0	1	5	80

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000
FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	REV REQTS EX RTN INC & GR TAX			TXDT	837,025	357,075	53,756	140,658	98,119
2	DEMAND COMPONENT			TXDTD	378,306	141,357	25,693	75,551	49,227
3	ENERGY COMPONENT			TXDTE	348,469	128,611	16,060	63,242	48,162
4	CUSTOMER COMPONENT			TXDTC	110,250	87,108	12,002	1,865	730
5	RETURN ON RATE BASE			RTNA2	310,960	127,033	21,480	55,965	37,227
6	DEMAND COMPONENT			RTNAD	262,042	96,867	17,698	52,052	34,411
7	ENERGY COMPONENT			RTNAE	19,533	7,209	901	3,545	2,699
8	CUSTOMER COMPONENT			RTNAC	29,384	22,956	2,882	369	116
9	TOTAL INCOME TAXES			TTXF	6,338	5,960	383	335	-224
10	DEMAND COMPONENT			TTXFD	-14,050	-3,849	-828	-2,457	-2,326
11	ENERGY COMPONENT			TTXFE	15,070	5,562	695	2,734	2,083
12	CUSTOMER COMPONENT			TTXFC	5,318	4,247	516	58	19
13	REVENUE REQTS BEFORE GRT			RRBA	1,154,323	490,068	75,619	196,958	135,122
14	DEMAND COMPONENT			RRBAD	626,298	234,376	42,562	125,145	81,312
15	ENERGY COMPONENT			RRBAE	383,073	141,382	17,656	69,521	52,944
16	CUSTOMER COMPONENT			RRBAC	144,952	114,311	15,400	2,292	866
17	GROSS RECEIPTS TAX @ 20 MILLS			GRTA	23,558	10,001	1,544	4,019	2,758
18	DEMAND COMPONENT			GRTAD	12,782	4,783	869	2,554	1,659
19	ENERGY COMPONENT			GRTAE	7,818	2,885	361	1,418	1,081
20	CUSTOMER COMPONENT			GRTAC	2,958	2,333	314	47	18
21	ANNUALIZATION CREDIT	ANN			14,797	3,179	-324	2,323	994
22	DEMAND COMPONENT			ANND	8,114	1,520	-182	1,476	598
23	ENERGY COMPONENT			ANNE	5,786	917	-76	820	390
24	CUSTOMER COMPONENT			ANNC	896	742	-66	27	6
25	LATE PAY CHARGE CREDIT	S11	CW7	LPC	3,307	1,275	802	738	216
26	DEMAND COMPONENT			LPCD	1,812	610	451	469	130
27	ENERGY COMPONENT			LPCE	987	368	187	261	84
28	CUSTOMER COMPONENT			LPCC	509	297	164	8	2
29	REVENUE REQUIREMENTS			RRA2	1,159,777	495,616	76,684	197,916	136,670
30	DEMAND COMPONENT			RRA2D	629,154	237,029	43,162	125,754	82,243
31	ENERGY COMPONENT			RRA2E	384,118	142,982	17,905	69,859	53,551
32	CUSTOMER COMPONENT			RRA2C	146,505	115,605	15,617	2,303	876

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PRESENT RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000
FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	REV REQTS EX RTN INC & GR TAX			TXDT	34,318	96,307	46,700	10,092
2	DEMAND COMPONENT			TXDTD	16,744	41,704	27,797	233
3	ENERGY COMPONENT			TXDTE	17,423	54,536	18,220	2,215
4	CUSTOMER COMPONENT			TXDTC	151	68	681	7,645
5	RETURN ON RATE BASE			RTNA2	12,966	32,876	20,278	3,135
6	DEMAND COMPONENT			RTNAD	11,970	29,808	19,099	137
7	ENERGY COMPONENT			RTNAE	977	3,057	1,021	124
8	CUSTOMER COMPONENT			RTNAC	20	11	156	2,874
9	TOTAL INCOME TAXES			TTXF	-322	-348	-14	568
10	DEMAND COMPONENT			TTXFD	-1,079	-2,708	-830	27
11	ENERGY COMPONENT			TTXFE	754	2,358	789	95
12	CUSTOMER COMPONENT			TTXFC	3	2	27	446
13	REVENUE REQTS BEFORE GRT			RRBA	46,962	128,835	66,963	13,796
14	DEMAND COMPONENT			RRBAD	27,636	68,803	46,067	397
15	ENERGY COMPONENT			RRBAE	19,154	59,951	20,030	2,435
16	CUSTOMER COMPONENT			RRBAC	172	81	866	10,964
17	GROSS RECEIPTS TAX @ 20 MILLS			GRTA	958	2,629	1,367	282
18	DEMAND COMPONENT			GRTAD	564	1,404	940	9
19	ENERGY COMPONENT			GRTAE	391	1,223	409	50
20	CUSTOMER COMPONENT			GRTAC	3	2	17	224
21	ANNUALIZATION CREDIT	ANN			-20	7,119	1,317	209
22	DEMAND COMPONENT			ANND	-12	3,802	906	6
23	ENERGY COMPONENT			ANNE	-8	3,312	394	37
24	CUSTOMER COMPONENT			ANNC	0	4	17	166
25	LATE PAY CHARGE CREDIT	S11	CW7	LPC	38	32	161	45
26	DEMAND COMPONENT			LPCD	22	18	110	2
27	ENERGY COMPONENT			LPCE	16	15	48	8
28	CUSTOMER COMPONENT			LPCC	0	0	2	36
29	REVENUE REQUIREMENTS			RRA2	47,902	124,313	66,852	13,824
30	DEMAND COMPONENT			RRA2D	28,189	66,389	45,990	398
31	ENERGY COMPONENT			RRA2E	19,537	57,847	19,997	2,440
32	CUSTOMER COMPONENT			RRA2C	176	77	865	10,986

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND CLASS RATES OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
2 DEMAND COMPONENT			RBXD	3,024,288	1,117,965	204,258	600,736	397,143
3 ENERGY COMPONENT			RBXE	225,440	83,206	10,389	40,914	31,155
4 CUSTOMER COMPONENT			RBXC	339,131	264,945	33,256	4,258	1,344
5 RETURN ON RATE BASE			RTNA3	456,270	172,363	34,692	93,415	56,137
6 DEMAND COMPONENT			RTNAD	384,519	131,432	28,585	86,882	51,891
7 ENERGY COMPONENT			RTNAE	28,795	9,782	1,454	5,917	4,071
8 CUSTOMER COMPONENT			RTNAC	42,957	31,148	4,654	616	175
9 RATE OF RETURN-PERCENT	RTRC			12.71	11.76	13.99	14.46	13.07
10 INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
11 DEMAND COMPONENT			TXD10D	68,700	25,395	4,641	13,646	9,022
12 ENERGY COMPONENT			TXD10E	5,121	1,890	236	929	708
13 CUSTOMER COMPONENT			TXD10C	7,704	6,018	756	97	30
14 INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,585
15 DEMAND COMPONENT			TXD11D	95,629	35,350	6,459	18,996	12,557
16 ENERGY COMPONENT			TXD11E	7,128	2,631	329	1,293	985
17 CUSTOMER COMPONENT			TXD11C	10,723	8,378	1,051	135	42
18 FEDERAL TAX ADJUSTMENTS			TXDTOT	11,367	9,129	1,012	993	-112
19 DEMAND COMPONENT			TXTOTD	-4,833	-154	-184	-565	-1,247
20 ENERGY COMPONENT			TXTOTE	7,930	2,926	366	1,438	1,097
21 CUSTOMER COMPONENT			TXTOTC	8,270	6,357	830	120	38
22 SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
23 DEMAND COMPONENT			SURTD	15	5	2	3	2
24 ENERGY COMPONENT			SURTE	1	0	0	1	0
25 CUSTOMER COMPONENT			SURTC	2	1	1	0	0
26 INVEST TAX CR PROV PROP RATES			ITCP	113,759	47,417	8,115	20,266	13,192
27 DEMAND COMPONENT			ITCPD	100,848	37,514	6,827	20,080	13,135
28 CUSTOMER COMPONENT			ITCPC	12,911	9,903	1,288	186	57
29 SUMMARY FOR FEDERAL INCOME TAX CALCULATION								
30 (5)-(10,14)+(18)-(22)-(26)			LINE30	158,854	54,405	14,117	39,042	19,486
31 FEDERAL INCOME TAX								
32 .46 / .54 X (30)- (22)- (26)			TAXFED	21,543	-1,079	3,908	12,990	3,405
33 DEMAND COMPONENT			TFEDD	-3,332	-9,396	2,092	8,532	433
34 ENERGY COMPONENT			TFEDE	20,847	6,973	1,070	4,371	2,959
35 CUSTOMER COMPONENT			TFEDC	4,028	1,344	746	86	13
36 PA INCOME TAX ADJUSTMENTS								
37 TAX PREFERENCE INCOME			TXD40	4,856	1,693	320	941	674
38 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
39 ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	2,507	1,135	186	426	261
40 DEMAND COMPONENT			TXD42D	2,072	801	143	420	259
41 CUSTOMER COMPONENT			TXD42C	435	334	43	6	2
42 SUMMARY FOR STATE INCOME TAX								
43 5-(10,14)+(18,32)+(37,38,39)			LINE43	313,923	107,899	27,462	76,066	38,742
44 STATE INCOME TAX								
45 .06977 / .93023 X (43)			TAXPA	23,545	8,093	2,059	5,706	2,905
46 DEMAND COMPONENT			TXPAD	17,351	5,097	1,550	4,948	2,411
47 ENERGY COMPONENT			TXPAE	3,399	1,137	174	713	483
48 CUSTOMER COMPONENT			TXPAC	2,795	1,859	335	45	11

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND CLASS RATES OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 RATE BASE			RBX	149,648	379,426	234,025	36,190
2 DEMAND COMPONENT			RBXD	138,149	344,021	220,429	1,587
3 ENERGY COMPONENT			RBXE	11,274	35,282	11,787	1,433
4 CUSTOMER COMPONENT			RBXC	225	123	1,809	33,171
5 RETURN ON RATE BASE			RTNA3	18,058	50,967	23,945	6,693
6 DEMAND COMPONENT			RTNAD	16,670	46,211	22,554	294
7 ENERGY COMPONENT			RTNAE	1,360	4,740	1,206	265
8 CUSTOMER COMPONENT			RTNAC	28	16	185	6,135
9 RATE OF RETURN-PERCENT	RTRC			12.07	13.43	10.23	18.49
10 INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
11 DEMAND COMPONENT			TXD10D	3,138	7,815	5,007	36
12 ENERGY COMPONENT			TXD10E	256	802	268	32
13 CUSTOMER COMPONENT			TXD10C	5	3	41	754
14 INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
15 DEMAND COMPONENT			TXD11D	4,369	10,878	6,970	50
16 ENERGY COMPONENT			TXD11E	357	1,115	373	45
17 CUSTOMER COMPONENT			TXD11C	7	4	58	1,048
18 FEDERAL TAX ADJUSTMENTS			TXDTOT	-334	-620	342	957
19 DEMAND COMPONENT			TXTOTD	-738	-1,864	-120	39
20 ENERGY COMPONENT			TXTOTE	396	1,241	415	51
21 CUSTOMER COMPONENT			TXTOTC	7	4	46	868
22 SURTAX	SURTAX	RBX	SURT	1	2	1	0
23 DEMAND COMPONENT			SURTD	1	1	1	0
24 ENERGY COMPONENT			SURTE	0	0	0	0
25 CUSTOMER COMPONENT			SURTC	0	0	0	0
26 INVEST TAX CR PROV PROP RATES			ITCP	4,553	11,315	7,454	1,447
27 DEMAND COMPONENT			ITCPD	4,541	11,310	7,382	59
28 CUSTOMER COMPONENT			ITCPC	12	5	72	1,388
29 SUMMARY FOR FEDERAL INCOME TAX CALCULATION							
30 (5)-(10,14)+(18)-(22)-(26)			LINE30	5,037	18,414	4,116	4,237
31 FEDERAL INCOME TAX							
32 .46 / .54 X (30)- (22)- (26)			TAXFED	-263	4,369	-3,949	2,162
33 DEMAND COMPONENT			TFEDD	-1,236	907	-4,765	101
34 ENERGY COMPONENT			TFEDE	975	3,461	835	203
35 CUSTOMER COMPONENT			TFEDC	-2	2	-20	1,859
36 PA INCOME TAX ADJUSTMENTS							
37 TAX PREFERENCE INCOME			TXD40	255	633	340	0
38 ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
39 ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	83	209	158	49
40 DEMAND COMPONENT			TXD42D	83	208	156	2
41 CUSTOMER COMPONENT			TXD42C	0	1	2	47
42 SUMMARY FOR STATE INCOME TAX							
43 5-(10,14)+(18,32)+(37,38,39)			LINE43	10,315	36,559	8,984	7,896
44 STATE INCOME TAX							
45 .06977 / .93023 X (43)			TAXPA	774	2,742	674	592
46 DEMAND COMPONENT			TXPAD	613	2,177	529	26
47 ENERGY COMPONENT			TXPAE	159	564	136	33
48 CUSTOMER COMPONENT			TXPAC	2	1	9	533

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND CLASS RATES OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 REV REQTS EX RTN INC & GR TAX			TXDTP	943,112	401,288	61,323	159,558	110,425
2 DEMAND COMPONENT			TXDTPD	472,366	176,344	32,060	94,277	61,480
3 ENERGY COMPONENT			TXDTPE	348,469	128,611	16,060	63,242	48,162
4 CUSTOMER COMPONENT			TXDTPC	122,277	96,334	13,202	2,038	784
5 RETURN ON RATE BASE			RTNA3	456,270	172,363	34,692	93,415	56,137
6 DEMAND COMPONENT			RTNAD	384,519	131,432	28,585	86,882	51,891
7 ENERGY COMPONENT			RTNAE	28,795	9,782	1,454	5,917	4,071
8 CUSTOMER COMPONENT			RTNAC	42,957	31,148	4,654	616	175
9 TOTAL INCOME TAXES			TTXF	45,088	7,014	5,968	18,694	6,311
10 DEMAND COMPONENT			TTXFD	14,019	-4,300	3,643	13,480	2,844
11 ENERGY COMPONENT			TTXFE	24,246	8,111	1,243	5,084	3,442
12 CUSTOMER COMPONENT			TTXFC	6,823	3,203	1,081	131	25
13 REVENUE REQTS BEFORE GRT			RRBA	1,444,470	580,665	101,983	271,667	172,873
14 DEMAND COMPONENT			RRBAD	870,904	303,476	64,289	194,639	116,214
15 ENERGY COMPONENT			RRBAE	401,509	146,503	18,759	74,243	55,674
16 CUSTOMER COMPONENT			RRBAC	172,057	130,685	18,937	2,785	984
17 GROSS RECEIPTS TAX @ 20 MILLS			GRTA	29,479	11,850	2,082	5,544	3,528
18 DEMAND COMPONENT			GRTAD	17,774	6,193	1,312	3,973	2,371
19 ENERGY COMPONENT			GRTAE	8,194	2,990	383	1,515	1,136
20 CUSTOMER COMPONENT			GRTAC	3,511	2,667	387	56	20
21 ANNUALIZATION CREDIT	ANNINP	ANN	ANNP	18,503	3,975	-405	2,905	1,243
22 DEMAND COMPONENT			ANNPD	11,387	2,077	-255	2,082	835
23 ENERGY COMPONENT			ANNPE	6,016	1,003	-75	794	401
24 CUSTOMER COMPONENT			ANNPC	1,100	895	-76	30	7
25 LATE PAY CHARGE CREDIT	S10	CW7	LPCP	4,140	1,596	1,004	924	270
26 DEMAND COMPONENT			LPCPD	2,512	834	633	662	182
27 ENERGY COMPONENT			LPCPE	1,022	403	184	253	87
28 CUSTOMER COMPONENT			LPCPC	606	359	187	9	2
29 REVENUE REQUIREMENTS			RRA3	1,451,306	586,944	103,466	273,382	174,888
30 DEMAND COMPONENT			RRA3D	874,778	306,758	65,223	195,868	117,569
31 ENERGY COMPONENT			RRA3E	402,665	148,087	19,032	74,712	56,322
32 CUSTOMER COMPONENT			RRA3C	173,862	132,098	19,213	2,802	996

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND CLASS RATES OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 REV REQTS EX RTN INC & GR TAX			TXDTP	38,565	106,862	53,652	11,439
2 DEMAND COMPONENT			TXDTPD	20,981	52,254	34,682	288
3 ENERGY COMPONENT			TXDTPE	17,423	54,536	18,220	2,215
4 CUSTOMER COMPONENT			TXDTPC	161	73	749	8,936
5 RETURN ON RATE BASE			RTNA3	18,058	50,967	23,945	6,693
6 DEMAND COMPONENT			RTNAD	16,670	46,211	22,554	294
7 ENERGY COMPONENT			RTNAE	1,360	4,740	1,206	265
8 CUSTOMER COMPONENT			RTNAC	28	16	185	6,135
9 TOTAL INCOME TAXES			TTXF	511	7,111	-3,275	2,754
10 DEMAND COMPONENT			TTXFD	-622	3,083	-4,236	127
11 ENERGY COMPONENT			TTXFE	1,134	4,025	972	235
12 CUSTOMER COMPONENT			TTXFC	-1	3	-11	2,392
13 REVENUE REQTS BEFORE GRT			RRBA	57,133	164,941	74,321	20,887
14 DEMAND COMPONENT			RRBAD	37,028	101,549	53,000	709
15 ENERGY COMPONENT			RRBAE	19,917	63,300	20,398	2,715
16 CUSTOMER COMPONENT			RRBAC	188	92	923	17,463
17 GROSS RECEIPTS TAX @ 20 MILLS			GRTA	1,166	3,366	1,517	426
18 DEMAND COMPONENT			GRTAD	756	2,072	1,082	15
19 ENERGY COMPONENT			GRTAE	407	1,291	417	55
20 CUSTOMER COMPONENT			GRTAC	4	2	19	356
21 ANNUALIZATION CREDIT	ANNINP	ANN	ANNP	-25	8,902	1,647	261
22 DEMAND COMPONENT			ANNPD	-16	5,481	1,174	9
23 ENERGY COMPONENT			ANNPE	-9	3,416	452	34
24 CUSTOMER COMPONENT			ANNPC	0	5	21	218
25 LATE PAY CHARGE CREDIT	S10	CW7	LPCP	48	41	201	56
26 DEMAND COMPONENT			LPCPD	31	25	143	2
27 ENERGY COMPONENT			LPCPE	17	15	55	8
28 CUSTOMER COMPONENT			LPCPC	0	0	2	47
29 REVENUE REQUIREMENTS			RRA3	58,276	159,364	73,990	20,996
30 DEMAND COMPONENT			RRA3D	37,769	98,115	52,764	712
31 ENERGY COMPONENT			RRA3E	20,316	61,160	20,307	2,729
32 CUSTOMER COMPONENT			RRA3C	191	89	919	17,554

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION — FUTURE TEST YEAR
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	RATE BASE			RBX	3,588,858	1,466,116	247,903	645,908	429,642
2	DEMAND COMPONENT			RBXD	3,024,288	1,117,965	204,258	600,736	397,143
3	ENERGY COMPONENT			RBXE	225,440	83,206	10,389	40,914	31,155
4	CUSTOMER COMPONENT			RBXC	339,131	264,945	33,256	4,258	1,344
5	RETURN ON RATE BASE			RTNA4	456,270	186,395	31,517	82,118	54,622
6	DEMAND COMPONENT			RTNAD	384,493	142,133	25,968	76,375	50,490
7	ENERGY COMPONENT			RTNAE	28,661	10,578	1,321	5,202	3,961
8	CUSTOMER COMPONENT			RTNAC	43,115	33,684	4,228	541	171
9	RATE OF RETURN-PERCENT	RTRD			12.71	12.71	12.71	12.71	12.71
10	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	81,525	33,304	5,632	14,672	9,760
11	DEMAND COMPONENT			TXD10D	68,700	25,395	4,641	13,646	9,022
12	ENERGY COMPONENT			TXD10E	5,121	1,890	236	929	708
13	CUSTOMER COMPONENT			TXD10C	7,704	6,018	756	97	30
14	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	113,481	46,359	7,839	20,424	13,585
15	DEMAND COMPONENT			TXD11D	95,629	35,350	6,459	18,996	12,557
16	ENERGY COMPONENT			TXD11E	7,128	2,631	329	1,293	985
17	CUSTOMER COMPONENT			TXD11C	10,723	8,378	1,051	135	42
18	FEDERAL TAX ADJUSTMENTS			TXDTOT	11,367	9,129	1,012	993	-112
19	DEMAND COMPONENT			TXTOTD	-4,833	-154	-184	-565	-1,247
20	ENERGY COMPONENT			TXTOTE	7,930	2,926	366	1,438	1,097
21	CUSTOMER COMPONENT			TXTOTC	8,270	6,357	830	120	38
22	SURTAX	SURTAX	RBX	SURT	18	7	2	3	2
23	DEMAND COMPONENT			SURTD	15	5	2	3	2
24	ENERGY COMPONENT			SURTE	1	0	0	1	0
25	CUSTOMER COMPONENT			SURTC	2	1	1	0	0
26	INVEST TAX CR PROV PROP RATES			ITCP	113,759	47,417	8,115	20,266	13,192
27	DEMAND COMPONENT			ITCPD	100,848	37,514	6,827	20,080	13,135
28	CUSTOMER COMPONENT			ITCPC	12,911	9,903	1,288	186	57
29	SUMMARY FOR FEDERAL INCOME TAX CALCULATION								
30	(5)-(10,14)+(18)-(22)-(26)			LINE30	158,854	68,437	10,941	27,745	17,972
31	FEDERAL INCOME TAX								
32	.46 / .54 X (30)- (22)- (26)			TAXFED	21,543	10,874	1,204	3,365	2,115
33	DEMAND COMPONENT			TFEDD	-3,354	-281	-137	-418	-760
34	ENERGY COMPONENT			TFEDE	20,733	7,652	956	3,761	2,866
35	CUSTOMER COMPONENT			TFEDC	4,164	3,504	384	22	9
36	PA INCOME TAX ADJUSTMENTS								
37	TAX PREFERENCE INCOME			TXD40	4,856	1,693	320	941	674
38	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	12,386	4,321	814	2,399	1,721
39	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	2,507	1,135	186	426	261
40	DEMAND COMPONENT			TXD42D	2,072	801	143	420	259
41	CUSTOMER COMPONENT			TXD42C	435	334	43	6	2
42	SUMMARY FOR STATE INCOME TAX								
43	5-(10,14)+(18,32)+(37,38,39)			LINE43	313,923	133,885	21,581	55,146	35,936
44	STATE INCOME TAX								
45	.06977 / .93023 X (43)			TAXPA	23,545	10,042	1,618	4,136	2,696
46	DEMAND COMPONENT			TXPAD	17,347	6,583	1,187	3,488	2,217
47	ENERGY COMPONENT			TXPAE	3,381	1,248	156	613	467
48	CUSTOMER COMPONENT			TXPAC	2,817	2,211	276	35	11

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

		INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	RATE BASE			RBX	149,648	379,426	234,025	36,190
2	DEMAND COMPONENT			RBXD	138,149	344,021	220,429	1,587
3	ENERGY COMPONENT			RBXE	11,274	35,282	11,787	1,433
4	CUSTOMER COMPONENT			RBXC	225	123	1,809	33,171
5	RETURN ON RATE BASE			RTNA4	19,026	48,238	29,753	4,601
6	DEMAND COMPONENT			RTNAD	17,564	43,737	28,024	202
7	ENERGY COMPONENT			RTNAE	1,433	4,486	1,498	182
8	CUSTOMER COMPONENT			RTNAC	29	15	230	4,217
9	RATE OF RETURN-PERCENT	RTRD			12.71	12.71	12.71	12.71
10	INTEREST EXPENSE SUSQ	INCD10	RBX	TXD10	3,400	8,619	5,316	822
11	DEMAND COMPONENT			TXD10D	3,138	7,815	5,007	36
12	ENERGY COMPONENT			TXD10E	256	802	268	32
13	CUSTOMER COMPONENT			TXD10C	5	3	41	754
14	INTEREST EXPENSE OTHER	INCD11	RBX	TXD11	4,732	11,998	7,400	1,144
15	DEMAND COMPONENT			TXD11D	4,369	10,878	6,970	50
16	ENERGY COMPONENT			TXD11E	357	1,115	373	45
17	CUSTOMER COMPONENT			TXD11C	7	4	58	1,048
18	FEDERAL TAX ADJUSTMENTS			TXDTOT	-334	-620	342	957
19	DEMAND COMPONENT			TXTOTD	-738	-1,864	-120	39
20	ENERGY COMPONENT			TXTOTE	396	1,241	415	51
21	CUSTOMER COMPONENT			TXTOTC	7	4	46	868
22	SURTAX	SURTAX	RBX	SURT	1	2	1	0
23	DEMAND COMPONENT			SURTD	1	1	1	0
24	ENERGY COMPONENT			SURTE	0	0	0	0
25	CUSTOMER COMPONENT			SURTC	0	0	0	0
26	INVEST TAX CR PROV PROP RATES			ITCP	4,553	11,315	7,454	1,447
27	DEMAND COMPONENT			ITCPD	4,541	11,310	7,382	59
28	CUSTOMER COMPONENT			ITCPC	12	5	72	1,388
29	SUMMARY FOR FEDERAL INCOME TAX CALCULATION							
30	(5)-(10,14)+(18)-(22)-(26)			LINE30	6,005	15,685	9,923	2,146
31	FEDERAL INCOME TAX							
32	.46 / .54 X (30)- (22)- (26)			TAXFED	562	2,044	998	381
33	DEMAND COMPONENT			TFEDD	-474	-1,202	-105	23
34	ENERGY COMPONENT			TFEDE	1,037	3,245	1,084	132
35	CUSTOMER COMPONENT			TFEDC	-1	1	19	226
36	PA INCOME TAX ADJUSTMENTS							
37	TAX PREFERENCE INCOME			TXD40	255	633	340	0
38	ACRS DEPRECIATION SUSQ	INCD41	P00S	TXD41	649	1,617	865	0
39	ACRS DEPRECIATION OTHER	INCD42	P000	TXD42	83	209	158	49
40	DEMAND COMPONENT			TXD42D	83	208	156	2
41	CUSTOMER COMPONENT			TXD42C	0	1	2	47
42	SUMMARY FOR STATE INCOME TAX							
43	5-(10,14)+(18,32)+(37,38,39)			LINE43	12,108	31,505	19,740	4,022
44	STATE INCOME TAX							
45	.06977 / .93023 X (43)			TAXPA	908	2,363	1,480	302
46	DEMAND COMPONENT			TXPAD	737	1,833	1,289	13
47	ENERGY COMPONENT			TXPAE	169	529	177	22
48	CUSTOMER COMPONENT			TXPAC	1	1	15	267

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND JURISDICTIONAL RATE OF RETURN
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

		INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	REV REQTS EX RTN INC & GR TAX			TXDTP	943,112	401,288	61,323	159,558	110,425
2	DEMAND COMPONENT			TXDTPD	472,366	176,344	32,060	94,277	61,480
3	ENERGY COMPONENT			TXDTPE	348,469	128,611	16,060	63,242	48,162
4	CUSTOMER COMPONENT			TXDTPC	122,277	96,334	13,202	2,038	784
5	RETURN ON RATE BASE			RTNA4	456,270	186,395	31,517	82,118	54,622
6	DEMAND COMPONENT			RTNAD	384,493	142,133	25,968	76,375	50,490
7	ENERGY COMPONENT			RTNAE	28,661	10,578	1,321	5,202	3,961
8	CUSTOMER COMPONENT			RTNAC	43,115	33,684	4,228	541	171
9	TOTAL INCOME TAXES			TTXF	45,088	20,916	2,822	7,502	4,810
10	DEMAND COMPONENT			TTXFD	13,994	6,301	1,051	3,070	1,457
11	ENERGY COMPONENT			TTXFE	24,114	8,900	1,111	4,375	3,334
12	CUSTOMER COMPONENT			TTXFC	6,981	5,715	660	57	20
13	REVENUE REQTS BEFORE GRT			RRBA	1,444,470	608,599	95,662	249,177	169,858
14	DEMAND COMPONENT			RRBAD	870,853	324,778	59,079	173,722	113,427
15	ENERGY COMPONENT			RRBAE	401,244	148,088	18,494	72,819	55,455
16	CUSTOMER COMPONENT			RRBAC	172,373	135,733	18,089	2,637	974
17	GROSS RECEIPTS TAX @ 20 MILLS			GRTA	29,479	12,420	1,953	5,085	3,466
18	DEMAND COMPONENT			GRTAD	17,773	6,628	1,206	3,545	2,315
19	ENERGY COMPONENT			GRTAE	8,189	3,022	378	1,486	1,131
20	CUSTOMER COMPONENT			GRTAC	3,518	2,770	369	54	20
21	ANNUALIZATION CREDIT	ANNINP	ANN	ANNP	18,503	3,975	-405	2,905	1,243
22	DEMAND COMPONENT			ANNPD	11,336	2,121	-250	2,025	830
23	ENERGY COMPONENT			ANNPE	6,082	967	-78	849	406
24	CUSTOMER COMPONENT			ANNPC	1,085	887	-77	31	7
25	LATE PAY CHARGE CREDIT	S10	CW7	LPCP	4,140	1,596	1,004	924	270
26	DEMAND COMPONENT			LPCPD	2,504	852	620	644	180
27	ENERGY COMPONENT			LPCPE	1,031	388	194	270	89
28	CUSTOMER COMPONENT			LPCPC	605	356	190	10	1
29	REVENUE REQUIREMENTS			RRA4	1,451,306	615,449	97,015	250,433	171,811
30	DEMAND COMPONENT			RRA4D	874,785	328,433	59,915	174,598	114,732
31	ENERGY COMPONENT			RRA4E	402,320	149,755	18,755	73,186	56,093
32	CUSTOMER COMPONENT			RRA4C	174,201	137,261	18,345	2,649	986

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
COMPONENTS OF REVENUE REQUIREMENTS @ PROPOSED RATE LEVEL AND JURISDICTIONAL RATE OF RETURN — FUTURE TEST YEAR
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 REV REQTS EX RTN INC & GR TAX			TXDTP	38,565	106,862	53,652	11,439
2 DEMAND COMPONENT			TXDTPD	20,981	52,254	34,682	288
3 ENERGY COMPONENT			TXDTPE	17,423	54,536	18,220	2,215
4 CUSTOMER COMPONENT			TXDTPC	161	73	749	8,936
5 RETURN ON RATE BASE			RTNA4	19,026	48,238	29,753	4,601
6 DEMAND COMPONENT			RTNAD	17,564	43,737	28,024	202
7 ENERGY COMPONENT			RTNAE	1,433	4,486	1,498	182
8 CUSTOMER COMPONENT			RTNAC	29	15	230	4,217
9 TOTAL INCOME TAXES			TTXF	1,470	4,407	2,479	682
10 DEMAND COMPONENT			TTXFD	263	631	1,184	37
11 ENERGY COMPONENT			TTXFE	1,205	3,775	1,261	153
12 CUSTOMER COMPONENT			TTXFC	1	1	34	493
13 REVENUE REQTS BEFORE GRT			RRBA	59,060	159,508	85,883	16,723
14 DEMAND COMPONENT			RRBAD	38,808	96,622	63,891	526
15 ENERGY COMPONENT			RRBAE	20,063	62,795	20,980	2,550
16 CUSTOMER COMPONENT			RRBAC	191	91	1,012	13,646
17 GROSS RECEIPTS TAX @ 20 MILLS			GRTA	1,206	3,255	1,753	341
18 DEMAND COMPONENT			GRTAD	792	1,972	1,304	11
19 ENERGY COMPONENT			GRTAE	410	1,281	429	52
20 CUSTOMER COMPONENT			GRTAC	4	2	20	279
21 ANNUALIZATION CREDIT	ANNINP	ANN	ANNP	-25	8,902	1,647	261
22 DEMAND COMPONENT			ANNPD	-16	5,392	1,226	8
23 ENERGY COMPONENT			ANNPE	-9	3,505	402	40
24 CUSTOMER COMPONENT			ANNPC	0	5	19	213
25 LATE PAY CHARGE CREDIT	S10	CW7	LPCP	48	41	201	56
26 DEMAND COMPONENT			LPCPD	32	25	149	2
27 ENERGY COMPONENT			LPCPE	16	16	49	9
28 CUSTOMER COMPONENT			LPCPC	0	0	3	45
29 REVENUE REQUIREMENTS			RRA4	60,243	153,820	85,788	16,747
30 DEMAND COMPONENT			RRA4D	39,584	93,177	63,820	526
31 ENERGY COMPONENT			RRA4E	20,464	60,556	20,957	2,554
32 CUSTOMER COMPONENT			RRA4C	195	87	1,011	13,667

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF INCOME TAX ADJUSTMENTS BY COMPONENT
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

					TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	DEMAND COMPONENT								
2	INTEREST EXPENSE SUSQ			TXD10D	68,700	25,395	4,641	13,646	9,022
3	INTEREST EXPENSE OTHER			TXD11D	95,629	35,350	6,459	18,996	12,557
4	TAXES CAPITALIZED			TXD12D	-5,282	-1,965	-358	-1,052	-688
5	PENSIONS CAPITALIZED SUSQ.	INCD20	P00S	TXD20	2,351	820	155	455	327
6	PENSIONS CAPITALIZED OTHER			TXD13D	-8,932	-3,454	-616	-1,809	-1,114
7	BOOK DEPRECIATION SUSQ	INCD14	ED00S	TXD14	13,432	4,686	883	2,601	1,867
8	BOOK DEPRECIATION OTHER			TXD15D	75,215	29,413	5,200	15,274	9,172
9	DEPREC CHARGED TO CLEARING			TXD16D	75	29	5	15	9
10	TAX DEPRECIATION SUSQ	INCD17	ED00S	TXD17	-173,679	-60,591	-11,418	-33,631	-24,141
11	TAX DEPRECIATION OTHER			TXD18D	-82,394	-32,220	-5,697	-16,732	-10,047
12	REMOVAL COSTS			TXD19D	-4,774	-1,847	-329	-967	-595
13	AMORTIZATION OF PROPERTY LOSS			TXD21	682	238	45	132	95
14	CONV TO MONTHLY BILLING			TXD23D	995	367	67	198	130
15	AMORTIZATION RAR ITEMS			TXD24D	-4	-2	0	-1	0
16	DEMONSTRATION PROJECTS			TXD25D	-82	-32	-5	-17	-10
17	PREFERRED DIV PAID CREDIT			TXD26D	-742	-274	-50	-147	-97
18	DECOMMISSIONING COSTS	G93	P08	EE93	2,366	825	156	458	329
19	ENERGY COMPONENT								
20	INTEREST EXPENSE SUSQ			TXD10E	5,121	1,890	236	929	708
21	INTEREST EXPENSE OTHER			TXD11E	7,128	2,631	329	1,293	985
22	DEMONSTRATION PROJECTS			TXD25E	-40	-15	-2	-7	-6
23	AFUDC IN NUCLEAR FUEL	INCD29	U10	TXD29	4,402	1,625	203	798	609
24	SPENT NUC FUEL DISP COSTS	G92	U10	EE92	7,343	2,710	339	1,332	1,015
25	CUSTOMER COMPONENT								
26	INTEREST EXPENSE SUSQ			TXD10C	7,704	6,018	756	97	30
27	INTEREST EXPENSE OTHER			TXD11C	10,723	8,378	1,051	135	42
28	TAXES CAPITALIZED			TXD12C	-677	-519	-67	-10	-3
29	PENSIONS CAPITALIZED OTHER			TXD13C	-1,874	-1,438	-187	-27	-8
30	BOOK DEPRECIATION OTHER			TXD15C	19,084	14,385	1,858	264	79
31	DEPREC CHARGED TO CLEARING			TXD16C	16	12	2	0	0
32	TAX DEPRECIATION OTHER			TXD18C	-20,905	-15,758	-2,035	-289	-87
33	REMOVAL COSTS			TXD19C	-1,002	-768	-100	-15	-4
34	CONV TO MONTHLY BILLING			TXD23C	109	85	11	1	1
35	AMORTIZATION RAR ITEMS			TXD24C	0	0	0	0	0
36	DEMONSTRATION PROJECTS			TXD25C	-40	-33	-4	-1	0
37	PREFERRED DIV PAID CREDIT			TXD26C	-81	-63	-8	-1	-1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF INCOME TAX ADJUSTMENTS BY COMPONENT
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

				LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	DEMAND COMPONENT						
	================						
2	INTEREST EXPENSE SUSQ		TXD10D	3,138	7,815	5,007	36
3	INTEREST EXPENSE OTHER		TXD11D	4,369	10,878	6,970	50
4	TAXES CAPITALIZED		TXD12D	-237	-593	-386	-3
5	PENSIONS CAPITALIZED SUSQ	INCD20 P00S	TXD20	123	307	164	0
6	PENSIONS CAPITALIZED OTHER		TXD13D	-360	-898	-672	-9
7	BOOK DEPRECIATION SUSQ	INCD14 ED00S	TXD14	703	1,753	939	0
8	BOOK DEPRECIATION OTHER		TXD15D	2,972	7,402	5,705	77
9	DEPREC CHARGED TO CLEARING		TXD16D	3	8	6	0
10	TAX DEPRECIATION SUSQ	INCD17 ED00S	TXD17	-9,090	-22,667	-12,141	0
11	TAX DEPRECIATION OTHER		TXD18D	-3,256	-8,108	-6,249	-85
12	REMOVAL COSTS		TXD19D	-193	-478	-361	-4
13	AMORTIZATION OF PROPERTY LOSS		TXD21	35	89	48	0
14	CONV TO MONTHLY BILLING		TXD23D	46	114	73	0
15	AMORTIZATION RAR ITEMS		TXD24D	0	-1	0	0
16	DEMONSTRATION PROJECTS		TXD25D	-3	-8	-7	0
17	PREFERRED DIV PAID CREDIT		TXD26D	-34	-85	-55	0
18	DECOMMISSIONING COSTS	G93 P08	EE93	124	309	165	0
19	ENERGY COMPONENT						
	================						
20	INTEREST EXPENSE SUSQ		TXD10E	256	802	268	32
21	INTEREST EXPENSE OTHER		TXD11E	357	1,115	373	45
22	DEMONSTRATION PROJECTS		TXD25E	-2	-6	-2	0
23	AFUDC IN NUCLEAR FUEL	INCD29 U10	TXD29	220	689	230	28
24	SPENT NUC FUEL DISP COSTS	G92 U10	EE92	367	1,149	384	47
25	CUSTOMER COMPONENT						
	================						
26	INTEREST EXPENSE SUSQ		TXD10C	5	3	41	754
27	INTEREST EXPENSE OTHER		TXD11C	7	4	58	1,048
28	TAXES CAPITALIZED		TXD12C	-1	0	-4	-73
29	PENSIONS CAPITALIZED OTHER		TXD13C	-2	0	-11	-201
30	BOOK DEPRECIATION OTHER		TXD15C	16	7	102	2,373
31	DEPREC CHARGED TO CLEARING		TXD16C	0	0	0	2
32	TAX DEPRECIATION OTHER		TXD18C	-17	-8	-112	-2,599
33	REMOVAL COSTS		TXD19C	-1	-1	-5	-108
34	CONV TO MONTHLY BILLING		TXD23C	0	0	0	11
35	AMORTIZATION RAR ITEMS		TXD24C	0	0	0	0
36	DEMONSTRATION PROJECTS		TXD25C	0	0	0	-2
37	PREFERRED DIV PAID CREDIT		TXD26C	0	0	0	-8

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

SUMMARY OF COST ALLOCATION STUDIES AND CALCULATED CUSTOMER CLASS RATES OF RETURN USING DEMAND ALLOCATION FACTORS OTHER THAN THE MONTHLY PEAK RESPONSIBILITY METHOD PRESENT AND PROPOSED RATES

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

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As indicated in the preface, PP&L submits that for its system it is most appropriate that demand related production, transmission and primary distribution costs be allocated by the monthly peak responsibility method. All of the results and studies which make up this exhibit, except those presented in this section, are based upon the use of that method.

The need for demand related facilities (production, transmission and primary distribution) is not determined merely by reference to the highest demand during any given period. The load-to-capacity relationship over substantial periods of time must be considered; provision must be made for scheduled maintenance and forced outages. The most critical period, from a PJM generating capacity standpoint, occurs during the summer months, even though PP&L's annual peak occurs during the winter months. Moreover, PP&L's experience, and that of PJM, is that conditions throughout the year as to load, scheduled maintenance and capacity availability must be taken into account. As a matter of fact, PJM sets each member's capacity obligation at a fixed amount for a full 12 month period and not on a member's particular seasonal peak.

In response to the Commission's regulations at IV-C-15, PP&L has made five cost allocation studies at present and proposed rate levels in addition to the Section III and IV studies. The results of these studies are shown on the pages following. The respective demand allocation factors are developed in Section B, pages 20 to 22.

PENNSYLVANIA POWER & LIGHT COMPANY

Comparison of Calculated Class Rates of Return (%) Utilizing
Various Demand Allocation Methods
Present Rates

Future Period - Year Ending July 31, 1983

Demand Allocation Method	Total Pennsylvania Jurisdiction	RS	GS-1	GS-3	LP-4	LP-5	LP-6	GH	SL/AL
1. Monthly Peak Responsibility	8.66	7.80	9.80	10.21	9.00	8.30	9.04	6.89	13.25
Relation to System %	100	90	113	118	104	96	104	80	153
2. Summer Peak Responsibility	8.66	9.07	8.44	8.62	7.60	7.22	9.29	8.34	13.25
Relation to System %	100	105	97	100	88	83	107	96	153
3. Winter Peak Responsibility	8.66	6.43	10.23	12.14	11.50	10.81	12.14	5.50	13.25
Relation to System %	100	74	118	140	133	125	140	64	153
4. Non-coincident Peak	8.66	6.59	11.03	11.88	11.27	10.54	10.16	6.59	8.45
Relation to System %	100	76	127	137	130	122	117	76	98
5. Average & Excess	8.66	6.93	11.84	11.41	10.20	9.65	8.79	7.55	8.39
Relation to System %	100	80	137	132	118	111	101	87	97
6. Average Demand	8.66	7.43	13.10	10.87	9.03	8.70	7.45	9.19	8.23
Relation to System %	100	86	151	126	104	101	86	106	95

PENNSYLVANIA POWER & LIGHT COMPANY

Comparison of Calculated Class Rates of Return (%) Utilizing
Various Demand Allocation Methods
Proposed Rates

Future Period - Year Ending July 31, 1983

Demand Allocation Method	Total Pennsylvania Jurisdiction	RS	GS-1	GS-3	LP-4	LP-5	LP-6	GH	SL/AL
1. Monthly Peak Responsibility	12.71	11.76	13.99	14.46	13.07	12.07	13.43	10.23	18.49
Relation to System %	100	93	110	114	103	95	106	81	146
2. Summer Peak Responsibility	12.71	13.57	12.14	12.30	11.13	10.57	13.78	12.25	18.49
Relation to System %	100	107	96	97	88	83	108	96	146
3. Winter Peak Responsibility	12.71	9.80	14.58	17.09	16.51	15.55	17.84	8.29	18.49
Relation to System %	100	77	115	134	130	122	140	65	146
4. Non-coincident Peak	12.71	10.03	15.67	16.73	16.20	15.17	15.02	9.82	11.99
Relation to System %	100	79	123	132	127	119	118	77	94
5. Average & Excess	12.71	10.52	16.78	16.10	14.72	13.94	13.07	11.16	11.91
Relation to System %	100	83	132	127	116	110	103	88	94
6. Average Demand	12.71	11.23	18.50	15.36	13.10	12.63	11.16	13.44	11.70
Relation to System %	100	88	146	121	103	99	88	106	92

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,588,206	351,753	899,105	585,338
2	RESERVE FOR DEPRECIATION	A00	852,081	342,587	70,523	166,344	102,851
3	NET PLANT IN SERVICE	P01	3,486,807	1,245,619	281,230	732,761	482,487
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	3,941	957	2,630	1,818
5	POLLUTION CONTROL PROJECTS	PC00	2,572	740	199	588	416
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	4,681	1,156	3,218	2,234
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,250,300	282,386	735,979	484,721
9	CASH WORKING CAPITAL	CWC	26,039	10,061	1,555	4,765	3,437
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	73,880	9,813	35,038	25,820
12	TOTAL WORKING CAPITAL	W00	219,637	83,941	11,368	39,803	29,257
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	42,461	11,594	29,248	19,121
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	42,831	12,411	29,839	19,185
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,291,410	281,343	745,943	494,793
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	8,276	1,190	4,575	2,105
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,167	83,601	222,767	141,742
21	OPERATION & MAINTENANCE EXP	EE00	633,735	262,226	41,492	110,865	78,495
22	DEPRECIATION EXPENSE	ED00	107,731	43,631	8,874	20,924	12,927
23	TAXES OTHER THAN INCOME	OTT	46,243	18,642	3,442	8,767	5,660
24	FEDERAL INCOME TAXES	FTAX1	2,976	9,695	-566	-1,014	-5,340
25	STATE INCOME TAXES	STAX1	3,362	2,540	137	457	-451
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	22,042	5,972	17,146	11,975
27	ITC PROV PRESENT RATES	TXD35	8,544	3,127	693	1,771	1,152
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,120	-248	-635	-413
29	TOTAL TAXES	TEX1	133,171	54,927	9,429	26,492	12,582
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	196	53	156	110
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	360,980	59,848	158,437	104,114
32	OPERATING INCOME	PRERTN	310,960	117,187	23,753	64,330	37,628
33	RATE OF RETURN - %	PRRTR	8.66	9.07	8.44	8.62	7.60
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	104.7	97.4	99.5	87.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	197,183	420,689	241,407	55,207
2	RESERVE FOR DEPRECIATION	A00	33,116	70,512	46,119	20,029
3	NET PLANT IN SERVICE	P01	164,067	350,177	195,288	35,178
4	ELECT PLANT HELD FOR FUT USE	PF00	557	1,193	678	45
5	POLLUTION CONTROL PROJECTS	PC00	153	327	149	0
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	710	1,520	827	45
8	DEPRECIATED ELECTRIC PLANT	TEP	164,777	351,697	196,115	35,223
9	CASH WORKING CAPITAL	CWC	1,208	3,419	1,344	250
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	9,122	27,997	10,131	1,797
12	TOTAL WORKING CAPITAL	W00	10,330	31,416	11,475	2,047
13	ACCUM DEFERRED INCOME TAXES	DF99	6,637	12,336	7,502	1,074
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	6,691	12,343	7,597	1,080
17	MEASURES OF VALUE (RATE BASE)	RBX	168,416	370,770	199,993	36,190
18	REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19	OTHER OPERATING REVENUES	OOR	284	7,718	1,907	447
20	TOTAL OPERATING REVENUES	R00	47,084	134,947	60,326	17,645
21	OPERATION & MAINTENANCE EXP	EE00	27,057	74,968	31,233	7,399
22	DEPRECIATION EXPENSE	ED00	4,193	8,929	5,803	2,450
23	TAXES OTHER THAN INCOME	OTT	1,892	4,848	2,380	612
24	FEDERAL INCOME TAXES	FTAX1	-2,603	1,458	-539	1,885
25	STATE INCOME TAXES	STAX1	-277	553	75	328
26	DEFERRED INCOME TAXES - NET	TXD31	4,367	9,147	4,355	103
27	ITC PROV PRESENT RATES	TXD35	389	828	475	109
28	INVEST TAX CREDIT AMORT	TXD38	-139	-297	-170	-39
29	TOTAL TAXES	TEX1	3,630	16,537	6,574	3,000
30	AMORTIZATION OF PROPERTY LOSS	TXD21	41	86	40	0
31	TOTAL OPERATING EXPENSES	TEXP1	34,921	100,520	43,650	12,849
32	OPERATING INCOME	PRERTN	12,163	34,427	16,676	4,796
33	RATE OF RETURN - %	PRRTR	7.22	9.29	8.34	13.25
34	CLASS RATE IN % OF TOTAL	PRCLRT	83.4	107.2	96.2	153.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,588,206	351,753	899,105	585,338
2	RESERVE FOR DEPRECIATION	A00	852,081	342,587	70,523	166,344	102,851
3	NET PLANT IN SERVICE	P01	3,486,807	1,245,619	281,230	732,761	482,487
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	3,941	957	2,630	1,818
5	POLLUTION CONTROL PROJECTS	PC00	2,572	740	199	588	416
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	4,681	1,156	3,218	2,234
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,250,300	282,386	735,979	484,721
9	CASH WORKING CAPITAL	CWC	26,039	10,061	1,555	4,765	3,437
10	FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	193,598	73,880	9,813	35,038	25,820
12	TOTAL WORKING CAPITAL	W00	219,637	83,941	11,368	39,803	29,257
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	42,461	11,594	29,248	19,121
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	42,831	12,411	29,839	19,185
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,291,410	281,343	745,943	494,793
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	9,393	1,311	5,343	2,408
20	TOTAL OPERATING REVENUES	R00P	1,482,347	596,337	104,777	278,725	177,296
21	OPERATION & MAINTENANCE EXP	EE00	633,735	262,226	41,492	110,865	78,495
22	DEPRECIATION EXPENSE	ED00	107,731	43,631	8,874	20,924	12,927
23	TAXES OTHER THAN INCOME	OTTP	53,036	21,317	3,936	10,069	6,492
24	FEDERAL INCOME TAXES	FTAX2	21,543	20,603	-246	572	-4,677
25	STATE INCOME TAXES	STAX2	23,545	10,598	1,580	4,270	1,972
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	22,042	5,972	17,146	11,975
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	41,640	9,223	23,573	15,346
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,120	-248	-635	-413
29	TOTAL TAXES	TEX2	283,929	115,081	20,216	54,995	30,694
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	196	53	156	110
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	421,134	70,635	186,940	122,226
32	OPERATING INCOME	PPRTN	456,270	175,203	34,142	91,785	55,070
33	RATE OF RETURN - %	PPRTR	12.71	13.57	12.14	12.30	11.13
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	106.7	95.5	96.8	87.5
35	SAME AT PRESENT RATES	PRCLRT	100.0	104.7	97.4	99.5	87.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-SUMMER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	197,183	420,689	241,407	55,207
2	RESERVE FOR DEPRECIATION	A00	33,116	70,512	46,119	20,029
3	NET PLANT IN SERVICE	P01	164,067	350,177	195,288	35,178
4	ELECT PLANT HELD FOR FUT USE	PF00	557	1,193	678	45
5	POLLUTION CONTROL PROJECTS	PC00	153	327	149	0
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	710	1,520	827	45
8	DEPRECIATED ELECTRIC PLANT	TEP	164,777	351,697	196,115	35,223
9	CASH WORKING CAPITAL	CWC	1,208	3,419	1,344	250
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	9,122	27,997	10,131	1,797
12	TOTAL WORKING CAPITAL	W00	10,330	31,416	11,475	2,047
13	ACCUM DEFERRED INCOME TAXES	DF99	6,637	12,336	7,502	1,074
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	6,691	12,343	7,597	1,080
17	MEASURES OF VALUE (RATE BASE)	RBX	168,416	370,770	199,993	36,190
18	REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19	OTHER OPERATING REVENUES	OORP	289	9,510	2,277	510
20	TOTAL OPERATING REVENUES	ROOP	58,565	168,874	76,267	21,506
21	OPERATION & MAINTENANCE EXP	EE00	27,057	74,968	31,233	7,399
22	DEPRECIATION EXPENSE	ED00	4,193	8,929	5,803	2,450
23	TAXES OTHER THAN INCOME	OTTP	2,163	5,614	2,747	698
24	FEDERAL INCOME TAXES	FTAX2	-2,588	5,447	270	2,162
25	STATE INCOME TAXES	STAX2	505	2,867	1,161	592
26	DEFERRED INCOME TAXES - NET	TXD31	4,367	9,147	4,355	103
27	INVEST TAX CR PROV PROP RATES	ITCP	5,171	11,029	6,330	1,447
28	INVEST TAX CREDIT AMORT	TXD38	-139	-297	-170	-39
29	TOTAL TAXES	TEX2	9,480	33,807	14,692	4,964
30	AMORTIZATION OF PROPERTY LOSS	TXD21	41	86	40	0
31	TOTAL OPERATING EXPENSES	TEXP2	40,771	117,790	51,768	14,813
32	OPERATING INCOME	PPRTN	17,794	51,084	24,499	6,693
33	RATE OF RETURN - %	PPRTR	10.57	13.78	12.25	18.49
34	CLASS RATE IN % OF TOTAL	PPCLRT	83.1	108.4	96.4	145.5
35	SAME AT PRESENT RATES	PRCLRT	83.4	107.2	96.2	153.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	2,125,983	298,387	658,900	400,320
2	RESERVE FOR DEPRECIATION	A00	852,081	436,105	61,098	124,066	70,315
3	NET PLANT IN SERVICE	P01	3,486,807	1,689,878	237,289	534,834	330,005
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,592	788	1,874	1,235
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,129	161	419	285
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,721	949	2,293	1,520
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,696,599	238,238	537,127	331,525
9	CASH WORKING CAPITAL	CWC	26,039	11,036	1,457	4,328	3,097
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,744	9,612	34,149	25,138
12	TOTAL WORKING CAPITAL	W00	219,637	86,780	11,069	38,477	28,235
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	64,879	9,402	19,342	11,485
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	65,249	10,219	19,933	11,549
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,718,130	239,088	555,671	348,211
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	9,079	1,108	4,204	1,819
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,970	83,519	222,396	141,456
21	OPERATION & MAINTENANCE EXP	EE00	633,735	289,214	38,762	98,637	69,076
22	DEPRECIATION EXPENSE	ED00	107,731	55,417	7,688	15,604	8,834
23	TAXES OTHER THAN INCOME	OTT	46,243	20,942	3,214	7,735	4,867
24	FEDERAL INCOME TAXES	FTAX1	2,976	-30,152	3,384	16,771	8,358
25	STATE INCOME TAXES	STAX1	3,362	-3,568	743	3,185	1,650
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	33,703	4,849	12,053	8,048
27	ITC PROV PRESENT RATES	TXD35	8,544	4,186	588	1,298	788
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,500	-210	-465	-283
29	TOTAL TAXES	TEX1	133,171	23,611	12,568	40,577	23,427
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	299	43	111	76
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	368,541	59,061	154,929	101,413
32	OPERATING INCOME	PRERTN	310,960	110,429	24,458	67,467	40,043
33	RATE OF RETURN - %	PRRTR	8.66	6.43	10.23	12.14	11.50
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	74.2	118.1	140.1	132.7

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	135,111	322,435	342,545	55,207
2	RESERVE FOR DEPRECIATION	A00	22,715	54,054	63,699	20,029
3	NET PLANT IN SERVICE	P01	112,396	268,381	278,846	35,178
4	ELECT PLANT HELD FOR FUT USE	PF00	383	913	989	45
5	POLLUTION CONTROL PROJECTS	PC00	105	251	222	0
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	488	1,164	1,211	45
8	DEPRECIATED ELECTRIC PLANT	TEP	112,884	269,545	280,057	35,223
9	CASH WORKING CAPITAL	CWC	1,097	3,245	1,529	250
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,951	27,726	10,481	1,797
12	TOTAL WORKING CAPITAL	W00	10,048	30,971	12,010	2,047
13	ACCUM DEFERRED INCOME TAXES	DF99	3,966	8,107	11,718	1,074
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	4,020	8,114	11,813	1,080
17	MEASURES OF VALUE (RATE BASE)	RBX	118,912	292,402	280,254	36,190
18	REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19	OTHER OPERATING REVENUES	OOR	200	7,585	2,060	447
20	TOTAL OPERATING REVENUES	R00	47,000	134,814	60,479	17,645
21	OPERATION & MAINTENANCE EXP	EE00	24,080	70,260	36,307	7,399
22	DEPRECIATION EXPENSE	ED00	2,874	6,846	8,018	2,450
23	TAXES OTHER THAN INCOME	OTT	1,629	4,432	2,812	612
24	FEDERAL INCOME TAXES	FTAX1	2,008	8,754	-8,032	1,885
25	STATE INCOME TAXES	STAX1	429	1,668	-1,073	328
26	DEFERRED INCOME TAXES - NET	TXD31	2,931	6,871	6,549	103
27	ITC PROV PRESENT RATES	TXD35	266	635	674	109
28	INVEST TAX CREDIT AMORT	TXD38	-95	-227	-242	-39
29	TOTAL TAXES	TEX1	7,168	22,134	686	3,000
30	AMORTIZATION OF PROPERTY LOSS	TXD21	28	66	59	0
31	TOTAL OPERATING EXPENSES	TEXP1	34,150	99,306	45,070	12,849
32	OPERATING INCOME	PRERTN	12,850	35,508	15,409	4,796
33	RATE OF RETURN - %	PRRTR	10.81	12.14	5.50	13.25
34	CLASS RATE IN % OF TOTAL	PRCLRT	124.7	140.2	63.5	153.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	2,125,983	298,387	658,900	400,320
2	RESERVE FOR DEPRECIATION	A00	852,081	436,105	61,098	124,066	70,315
3	NET PLANT IN SERVICE	P01	3,486,807	1,689,878	237,289	534,834	330,005
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,592	788	1,874	1,235
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,129	161	419	285
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,721	949	2,293	1,520
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,696,599	238,238	537,127	331,525
9	CASH WORKING CAPITAL	CWC	26,039	11,036	1,457	4,328	3,097
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,744	9,612	34,149	25,138
12	TOTAL WORKING CAPITAL	W00	219,637	86,780	11,069	38,477	28,235
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	64,879	9,402	19,342	11,485
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	65,249	10,219	19,933	11,549
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,718,130	239,088	555,671	348,211
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	10,196	1,229	4,972	2,122
20	TOTAL OPERATING REVENUES	R00P	1,482,347	597,140	104,695	278,354	177,010
21	OPERATION & MAINTENANCE EXP	EE00	633,735	289,214	38,762	98,637	69,076
22	DEPRECIATION EXPENSE	ED00	107,731	55,417	7,688	15,604	8,834
23	TAXES OTHER THAN INCOME	OTTP	53,036	23,728	3,697	8,988	5,660
24	FEDERAL INCOME TAXES	FTAX2	21,543	-32,333	5,004	24,202	13,524
25	STATE INCOME TAXES	STAX2	23,545	4,483	2,186	7,002	4,075
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	33,703	4,849	12,053	8,048
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	55,740	7,823	17,276	10,496
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,500	-210	-465	-283
29	TOTAL TAXES	TEX2	283,929	83,821	23,350	69,054	41,520
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	299	43	111	76
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	428,751	69,843	183,406	119,506
32	OPERATING INCOME	PPRTN	456,270	168,389	34,852	94,948	57,504
33	RATE OF RETURN - %	PPRTR	12.71	9.80	14.58	17.09	16.51
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	77.1	114.7	134.4	129.9
35	SAME AT PRESENT RATES	PRCLRT	100.0	74.2	118.1	140.1	132.7

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-WINTER COINCIDENT PEAK RESPONSIBILITY

FUTURE TEST YEAR

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	135,111	322,435	342,545	55,207
2 RESERVE FOR DEPRECIATION	A00	22,715	54,054	63,699	20,029
3 NET PLANT IN SERVICE	P01	112,396	268,381	278,846	35,178
4 ELECT PLANT HELD FOR FUT USE	PF00	383	913	989	45
5 POLLUTION CONTROL PROJECTS	PC00	105	251	222	0
6 ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	488	1,164	1,211	45
8 DEPRECIATED ELECTRIC PLANT	TEP	112,884	269,545	280,057	35,223
9 CASH WORKING CAPITAL	CWC	1,097	3,245	1,529	250
10 FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	8,951	27,726	10,481	1,797
12 TOTAL WORKING CAPITAL	W00	10,048	30,971	12,010	2,047
13 ACCUM DEFERRED INCOME TAXES	DF99	3,966	8,107	11,718	1,074
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	4,020	8,114	11,813	1,080
17 MEASURES OF VALUE (RATE BASE)	RBX	118,912	292,402	280,254	36,190
18 REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19 OTHER OPERATING REVENUES	OORP	205	9,377	2,430	510
20 TOTAL OPERATING REVENUES	R00P	58,481	168,741	76,420	21,506
21 OPERATION & MAINTENANCE EXP	EE00	24,080	70,260	36,307	7,399
22 DEPRECIATION EXPENSE	ED00	2,874	6,846	8,018	2,450
23 TAXES OTHER THAN INCOME	OTTP	1,888	5,177	3,200	698
24 FEDERAL INCOME TAXES	FTAX2	3,534	15,135	-9,685	2,162
25 STATE INCOME TAXES	STAX2	1,212	3,983	12	592
26 DEFERRED INCOME TAXES - NET	TXD31	2,931	6,871	6,549	103
27 INVEST TAX CR PROV PROP RATES	ITCP	3,542	8,453	8,982	1,447
28 INVEST TAX CREDIT AMORT	TXD38	-95	-227	-242	-39
29 TOTAL TAXES	TEX2	13,012	39,393	8,815	4,964
30 AMORTIZATION OF PROPERTY LOSS	TXD21	28	66	59	0
31 TOTAL OPERATING EXPENSES	TEXP2	39,994	116,565	53,199	14,813
32 OPERATING INCOME	PPRTN	18,487	52,176	23,221	6,693
33 RATE OF RETURN - %	PPRTR	15.55	17.84	8.29	18.49
34 CLASS RATE IN % OF TOTAL	PPCLRT	122.3	140.4	65.2	145.5
35 SAME AT PRESENT RATES	PRCLRT	124.7	140.2	63.5	153.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-NON-COINCIDENT PEAK

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	2,082,989	279,262	672,459	407,966
2	RESERVE FOR DEPRECIATION	A00	852,081	428,839	57,787	126,528	71,712
3	NET PLANT IN SERVICE	P01	3,486,807	1,654,150	221,475	545,931	336,254
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,468	730	1,918	1,262
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,096	148	427	290
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,564	878	2,345	1,552
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,660,714	222,353	548,276	337,806
9	CASH WORKING CAPITAL	CWC	26,039	10,960	1,425	4,351	3,111
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,619	9,546	34,208	25,172
12	TOTAL WORKING CAPITAL	W00	219,637	86,579	10,971	38,559	28,283
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	63,043	8,600	19,886	11,789
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	63,413	9,417	20,477	11,853
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,683,880	223,907	566,358	354,236
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	9,021	1,077	4,228	1,833
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,912	83,488	222,420	141,470
21	OPERATION & MAINTENANCE EXP	EE00	633,735	287,129	37,808	99,354	69,488
22	DEPRECIATION EXPENSE	ED00	107,731	54,495	7,272	15,914	9,008
23	TAXES OTHER THAN INCOME	OTT	46,243	20,760	3,130	7,795	4,900
24	FEDERAL INCOME TAXES	FTAX1	2,976	-26,957	4,801	15,767	7,794
25	STATE INCOME TAXES	STAX1	3,362	-3,079	960	3,030	1,564
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	32,724	4,428	12,325	8,196
27	ITC PROV PRESENT RATES	TXD35	8,544	4,102	550	1,324	804
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,469	-197	-475	-288
29	TOTAL TAXES	TEX1	133,171	26,082	13,671	39,766	22,970
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	291	39	113	77
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	367,997	58,790	155,147	101,543
32	OPERATING INCOME	PRERTN	310,960	110,915	24,698	67,273	39,927
33	RATE OF RETURN - %	PRRTR	8.66	6.59	11.03	11.88	11.27
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	76.0	127.3	137.1	130.1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-NON-COINCIDENT PEAK

FUTURE TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	138,536	385,585	295,053	77,038
2	RESERVE FOR DEPRECIATION	A00	23,292	64,632	55,447	23,844
3	NET PLANT IN SERVICE	P01	115,244	320,953	239,606	53,194
4	ELECT PLANT HELD FOR FUT USE	PF00	392	1,092	844	113
5	POLLUTION CONTROL PROJECTS	PC00	108	300	167	16
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	500	1,392	1,031	129
8	DEPRECIATED ELECTRIC PLANT	TEP	115,744	322,345	240,637	53,323
9	CASH WORKING CAPITAL	CWC	1,102	3,359	1,441	290
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,961	27,901	10,316	1,875
12	TOTAL WORKING CAPITAL	W00	10,063	31,260	11,757	2,165
13	ACCUM DEFERRED INCOME TAXES	DF99	4,112	10,826	9,737	1,980
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	4,166	10,833	9,832	1,986
17	MEASURES OF VALUE (RATE BASE)	RBX	121,641	342,772	242,562	53,502
18	REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19	OTHER OPERATING REVENUES	OOR	205	7,668	1,990	480
20	TOTAL OPERATING REVENUES	R00	47,005	134,897	60,409	17,678
21	OPERATION & MAINTENANCE EXP	EE00	24,242	73,289	33,927	8,498
22	DEPRECIATION EXPENSE	ED00	2,948	8,187	6,976	2,931
23	TAXES OTHER THAN INCOME	OTT	1,642	4,699	2,612	705
24	FEDERAL INCOME TAXES	FTAX1	1,751	4,059	-4,506	267
25	STATE INCOME TAXES	STAX1	389	951	-533	80
26	DEFERRED INCOME TAXES - NET	TXD31	3,011	8,334	5,517	572
27	ITC PROV PRESENT RATES	TXD35	272	759	581	152
28	INVEST TAX CREDIT AMORT	TXD38	-97	-272	-209	-54
29	TOTAL TAXES	TEX1	6,968	18,529	3,462	1,723
30	AMORTIZATION OF PROPERTY LOSS	TXD21	29	79	50	4
31	TOTAL OPERATING EXPENSES	TEXP1	34,187	100,084	44,415	13,156
32	OPERATING INCOME	PRERTN	12,818	34,813	15,994	4,522
33	RATE OF RETURN - %	PRRTR	10.54	10.16	6.59	8.45
34	CLASS RATE IN % OF TOTAL	PRCLRT	121.6	117.2	76.1	97.6

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-NON-COINCIDENT PEAK

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	2,082,989	279,262	672,459	407,966
2	RESERVE FOR DEPRECIATION	A00	852,081	428,839	57,787	126,528	71,712
3	NET PLANT IN SERVICE	P01	3,486,807	1,654,150	221,475	545,931	336,254
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,468	730	1,918	1,262
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,096	148	427	290
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,564	878	2,345	1,552
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,660,714	222,353	548,276	337,806
9	CASH WORKING CAPITAL	CWC	26,039	10,960	1,425	4,351	3,111
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,619	9,546	34,208	25,172
12	TOTAL WORKING CAPITAL	W00	219,637	86,579	10,971	38,559	28,283
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	63,043	8,600	19,886	11,789
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	63,413	9,417	20,477	11,853
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,683,880	223,907	566,358	354,236
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	10,138	1,198	4,996	2,136
20	TOTAL OPERATING REVENUES	ROOP	1,482,347	597,082	104,664	278,378	177,024
21	OPERATION & MAINTENANCE EXP	EE00	633,735	287,129	37,808	99,354	69,488
22	DEPRECIATION EXPENSE	ED00	107,731	54,495	7,272	15,914	9,008
23	TAXES OTHER THAN INCOME	OTTP	53,036	23,537	3,609	9,050	5,695
24	FEDERAL INCOME TAXES	FTAX2	21,543	-28,090	6,885	22,868	12,774
25	STATE INCOME TAXES	STAX2	23,545	4,972	2,404	6,847	3,989
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	32,724	4,428	12,325	8,196
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	54,613	7,322	17,630	10,698
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,469	-197	-475	-288
29	TOTAL TAXES	TEX2	283,929	86,288	24,450	68,245	41,064
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	291	39	113	77
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	428,203	69,569	183,626	119,637
32	OPERATING INCOME	PPRTN	456,270	168,879	35,095	94,752	57,387
33	RATE OF RETURN - %	PPRTR	12.71	10.03	15.67	16.73	16.20
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	78.9	123.3	131.6	127.4
35	SAME AT PRESENT RATES	PRCLRT	100.0	76.0	127.3	137.1	130.1

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-NON-COINCIDENT PEAK

FUTURE TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	138,536	385,585	295,053	77,038
2	RESERVE FOR DEPRECIATION	A00	23,292	64,632	55,447	23,844
3	NET PLANT IN SERVICE	P01	115,244	320,953	239,606	53,194
4	ELECT PLANT HELD FOR FUT USE	PF00	392	1,092	844	113
5	POLLUTION CONTROL PROJECTS	PC00	108	300	187	16
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	500	1,392	1,031	129
8	DEPRECIATED ELECTRIC PLANT	TEP	115,744	322,345	240,637	53,323
9	CASH WORKING CAPITAL	CWC	1,102	3,359	1,441	290
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,961	27,901	10,316	1,875
12	TOTAL WORKING CAPITAL	W00	10,063	31,260	11,757	2,165
13	ACCUM DEFERRED INCOME TAXES	DF99	4,112	10,826	9,737	1,980
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	4,166	10,833	9,832	1,986
17	MEASURES OF VALUE (RATE BASE)	RBX	121,641	342,772	242,562	53,502
18	REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19	OTHER OPERATING REVENUES	OORP	210	9,460	2,360	543
20	TOTAL OPERATING REVENUES	R00P	58,486	168,824	76,350	21,539
21	OPERATION & MAINTENANCE EXP	EE00	24,242	73,289	33,927	8,498
22	DEPRECIATION EXPENSE	ED00	2,948	8,187	6,976	2,931
23	TAXES OTHER THAN INCOME	OTTP	1,902	5,457	2,991	795
24	FEDERAL INCOME TAXES	FTAX2	3,194	8,901	-5,001	12
25	STATE INCOME TAXES	STAX2	1,172	3,265	553	343
26	DEFERRED INCOME TAXES - NET	TXD31	3,011	8,334	5,517	572
27	INVEST TAX CR PROV PROP RATES	ITCP	3,631	10,109	7,736	2,020
28	INVEST TAX CREDIT AMORT	TXD38	-97	-272	-209	-54
29	TOTAL TAXES	TEX2	12,812	35,795	11,586	3,689
30	AMORTIZATION OF PROPERTY LOSS	TXD21	29	79	50	4
31	TOTAL OPERATING EXPENSES	TEXP2	40,031	117,350	52,539	15,122
32	OPERATING INCOME	PPRTN	18,455	51,474	23,811	6,417
33	RATE OF RETURN - %	PPRTR	15.17	15.02	9.82	11.99
34	CLASS RATE IN % OF TOTAL	PPCLRT	119.3	118.1	77.2	94.3
35	SAME AT PRESENT RATES	PRCLRT	121.6	117.2	76.1	97.6

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION — FUTURE TEST YEAR
CAPACITY ALLOCATION METHOD-AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,996,027	262,282	697,688	448,363
2	RESERVE FOR DEPRECIATION	A00	852,081	413,885	54,852	131,048	78,848
3	NET PLANT IN SERVICE	P01	3,486,807	1,582,142	207,430	566,640	369,515
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,207	678	2,003	1,389
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,031	136	444	319
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,238	814	2,447	1,708
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,588,380	208,244	569,087	371,223
9	CASH WORKING CAPITAL	CWC	26,039	10,805	1,391	4,397	3,187
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,336	9,491	34,309	25,324
12	TOTAL WORKING CAPITAL	W00	219,637	86,141	10,882	38,706	28,511
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	59,382	7,888	20,908	13,451
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	59,752	8,705	21,499	13,515
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,614,769	210,421	586,294	386,219
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	8,896	1,053	4,266	1,897
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,787	83,464	222,458	141,534
21	OPERATION & MAINTENANCE EXP	EE00	633,735	282,825	36,963	100,666	71,550
22	DEPRECIATION EXPENSE	ED00	107,731	52,608	6,903	16,478	9,909
23	TAXES OTHER THAN INCOME	OTT	46,243	20,389	3,058	7,903	5,075
24	FEDERAL INCOME TAXES	FTAX1	2,976	-20,509	6,061	13,903	4,803
25	STATE INCOME TAXES	STAX1	3,362	-2,091	1,153	2,744	1,105
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	30,800	4,054	12,843	9,046
27	ITC PROV PRESENT RATES	TXD35	8,544	3,931	516	1,374	883
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,409	-184	-493	-316
29	TOTAL TAXES	TEX1	133,171	31,112	14,657	38,273	20,596
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	273	36	118	85
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	366,818	58,559	155,535	102,140
32	OPERATING INCOME	PRERTN	310,960	111,969	24,905	66,923	39,394
33	RATE OF RETURN - %	PRRTR	8.66	6.93	11.84	11.41	10.20
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	80.0	136.6	131.7	117.7

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	150,725	443,432	262,949	77,422
2	RESERVE FOR DEPRECIATION	A00	25,334	74,324	49,875	23,915
3	NET PLANT IN SERVICE	P01	125,391	369,108	213,074	53,507
4	ELECT PLANT HELD FOR FUT USE	PF00	426	1,257	745	114
5	POLLUTION CONTROL PROJECTS	PC00	117	345	164	16
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	543	1,602	909	130
8	DEPRECIATED ELECTRIC PLANT	TEP	125,934	370,710	213,983	53,637
9	CASH WORKING CAPITAL	CWC	1,125	3,459	1,384	291
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,995	28,060	10,206	1,877
12	TOTAL WORKING CAPITAL	W00	10,120	31,519	11,590	2,168
13	ACCUM DEFERRED INCOME TAXES	DF99	4,636	13,315	8,399	1,994
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	4,690	13,322	8,494	2,000
17	MEASURES OF VALUE (RATE BASE)	RBX	131,364	388,907	217,079	53,805
18	REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19	OTHER OPERATING REVENUES	OOR	222	7,745	1,943	480
20	TOTAL OPERATING REVENUES	R00	47,022	134,974	60,362	17,678
21	OPERATION & MAINTENANCE EXP	EE00	24,831	76,061	32,318	8,521
22	DEPRECIATION EXPENSE	ED00	3,206	9,412	6,274	2,941
23	TAXES OTHER THAN INCOME	OTT	1,694	4,944	2,473	707
24	FEDERAL INCOME TAXES	FTAX1	846	-238	-2,129	239
25	STATE INCOME TAXES	STAX1	251	293	-169	76
26	DEFERRED INCOME TAXES - NET	TXD31	3,294	9,670	4,821	579
27	ITC PROV PRESENT RATES	TXD35	296	874	518	152
28	INVEST TAX CREDIT AMORT	TXD38	-106	-313	-186	-54
29	TOTAL TAXES	TEX1	6,276	15,229	5,328	1,700
30	AMORTIZATION OF PROPERTY LOSS	TXD21	31	91	44	4
31	TOTAL OPERATING EXPENSES	TEXP1	34,344	100,793	43,964	13,166
32	OPERATING INCOME	PRERTN	12,678	34,181	16,398	4,512
33	RATE OF RETURN - %	PRRTR	9.65	8.79	7.55	8.39
34	CLASS RATE IN % OF TOTAL	PRCLRT	111.4	101.4	87.2	96.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,996,027	262,282	697,688	448,363
2	RESERVE FOR DEPRECIATION	A00	852,081	413,885	54,852	131,048	78,848
3	NET PLANT IN SERVICE	P01	3,486,807	1,582,142	207,430	566,640	369,515
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	5,207	678	2,003	1,389
5	POLLUTION CONTROL PROJECTS	PC00	2,572	1,031	136	444	319
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	6,238	814	2,447	1,708
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,588,380	208,244	569,087	371,223
9	CASH WORKING CAPITAL	CWC	26,039	10,805	1,391	4,397	3,187
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	75,336	9,491	34,309	25,324
12	TOTAL WORKING CAPITAL	W00	219,637	86,141	10,882	38,706	28,511
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	59,382	7,888	20,908	13,451
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	59,752	8,705	21,499	13,515
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,614,769	210,421	586,294	386,219
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	10,013	1,174	5,034	2,200
20	TOTAL OPERATING REVENUES	R00P	1,482,347	596,957	104,640	278,416	177,088
21	OPERATION & MAINTENANCE EXP	EE00	633,735	282,825	36,963	100,666	71,550
22	DEPRECIATION EXPENSE	ED00	107,731	52,608	6,903	16,478	9,909
23	TAXES OTHER THAN INCOME	OTTP	53,036	23,148	3,534	9,163	5,879
24	FEDERAL INCOME TAXES	FTAX2	21,543	-19,526	8,557	20,391	8,801
25	STATE INCOME TAXES	STAX2	23,545	5,961	2,597	6,561	3,529
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	30,800	4,054	12,843	9,046
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	52,333	6,877	18,292	11,755
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,409	-184	-493	-316
29	TOTAL TAXES	TEX2	283,929	91,308	25,435	66,755	38,694
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	273	36	118	85
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	427,014	69,337	184,017	120,238
32	OPERATING INCOME	PPRTN	456,270	169,943	35,303	94,399	56,850
33	RATE OF RETURN - %	PPRTR	12.71	10.52	16.78	16.10	14.72
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	82.8	132.0	126.6	115.8
35	SAME AT PRESENT RATES	PRCLRT	100.0	80.0	136.6	131.7	117.7

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE AND EXCESS OVER MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

			LP-5	LP-6	GH	STREET AND AREA LIGHTING
1	ELECTRIC PLANT IN SERVICE	P00	150,725	443,432	262,949	77,422
2	RESERVE FOR DEPRECIATION	A00	25,334	74,324	49,875	23,915
3	NET PLANT IN SERVICE	P01	125,391	369,108	213,074	53,507
4	ELECT PLANT HELD FOR FUT USE	PF00	426	1,257	745	114
5	POLLUTION CONTROL PROJECTS	PC00	117	345	164	16
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	543	1,602	909	130
8	DEPRECIATED ELECTRIC PLANT	TEP	125,934	370,710	213,983	53,637
9	CASH WORKING CAPITAL	CWC	1,125	3,459	1,384	291
10	FUEL STOCK AND MATERIALS					
11	AND SUPPLIES	WCD	8,995	28,060	10,206	1,877
12	TOTAL WORKING CAPITAL	W00	10,120	31,519	11,590	2,168
13	ACCUM DEFERRED INCOME TAXES	DF99	4,636	13,315	8,399	1,994
14	CUSTOMER ADVANCES	CA00	0	7	0	4
15	CUSTOMER DEPOSITS	DA00	54	0	95	2
16	TOTAL DEDUCTIONS	PLDED	4,690	13,322	8,494	2,000
17	MEASURES OF VALUE (RATE BASE)	RBX	131,364	388,907	217,079	53,805
18	REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19	OTHER OPERATING REVENUES	OORP	227	9,537	2,313	543
20	TOTAL OPERATING REVENUES	R00P	58,503	168,901	76,303	21,539
21	OPERATION & MAINTENANCE EXP	EE00	24,831	76,061	32,318	8,521
22	DEPRECIATION EXPENSE	ED00	3,206	9,412	6,274	2,941
23	TAXES OTHER THAN INCOME	OTTP	1,955	5,715	2,845	797
24	FEDERAL INCOME TAXES	FTAX2	1,992	3,195	-1,842	-25
25	STATE INCOME TAXES	STAX2	1,034	2,606	918	339
26	DEFERRED INCOME TAXES - NET	TXD31	3,294	9,670	4,821	579
27	INVEST TAX CR PROV PROP RATES	ITCP	3,952	11,627	6,894	2,029
28	INVEST TAX CREDIT AMORT	TXD38	-106	-313	-186	-54
29	TOTAL TAXES	TEX2	12,121	32,501	13,449	3,666
30	AMORTIZATION OF PROPERTY LOSS	TXD21	31	91	44	4
31	TOTAL OPERATING EXPENSES	TEXP2	40,189	118,065	52,085	15,132
32	OPERATING INCOME	PPRTN	18,314	50,836	24,218	6,407
33	RATE OF RETURN - %	PPRTR	13.94	13.07	11.16	11.91
34	CLASS RATE IN % OF TOTAL	PPCLRT	109.7	102.8	87.8	93.7
35	SAME AT PRESENT RATES	PRCLRT	111.4	101.4	87.2	96.8

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,884,234	239,496	729,651	501,803
2	RESERVE FOR DEPRECIATION	A00	852,081	394,633	50,905	136,792	88,318
3	NET PLANT IN SERVICE	P01	3,486,807	1,489,601	188,591	592,859	413,485
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	4,871	609	2,106	1,562
5	POLLUTION CONTROL PROJECTS	PC00	2,572	949	119	466	355
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	5,820	728	2,572	1,917
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,495,421	189,319	595,431	415,402
9	CASH WORKING CAPITAL	CWC	26,039	10,601	1,352	4,457	3,285
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	74,969	9,414	34,441	25,529
12	TOTAL WORKING CAPITAL	W00	219,637	85,570	10,766	38,898	28,814
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	54,681	6,935	22,201	15,641
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	55,051	7,752	22,792	15,705
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,525,940	192,333	611,537	428,511
18	REV FROM SALES - BASE & ECR	R104	1,159,777	469,891	82,411	218,192	139,637
19	OTHER OPERATING REVENUES	OOR	26,502	8,733	1,017	4,322	1,960
20	TOTAL OPERATING REVENUES	R00	1,186,279	478,624	83,428	222,514	141,617
21	OPERATION & MAINTENANCE EXP	EE00	633,735	277,282	35,822	102,337	74,296
22	DEPRECIATION EXPENSE	ED00	107,731	50,179	6,405	17,200	11,099
23	TAXES OTHER THAN INCOME	OTT	46,243	19,912	2,961	8,040	5,305
24	FEDERAL INCOME TAXES	FTAX1	2,976	-12,220	7,746	11,545	845
25	STATE INCOME TAXES	STAX1	3,362	-821	1,411	2,382	498
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	28,329	3,562	13,491	10,162
27	ITC PROV PRESENT RATES	TXD35	8,544	3,711	471	1,436	989
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,329	-169	-515	-354
29	TOTAL TAXES	TEX1	133,171	37,583	15,981	36,379	17,444
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	252	31	124	94
31	TOTAL OPERATING EXPENSES	TEXP1	875,319	365,296	58,239	156,040	102,933
32	OPERATING INCOME	PRERTN	310,960	113,328	25,189	66,474	38,684
33	RATE OF RETURN - %	PRRTR	8.66	7.43	13.10	10.87	9.03
34	CLASS RATE IN % OF TOTAL	PRCLRT	100.0	85.7	151.1	125.5	104.2

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PRESENT RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

FUTURE TEST YEAR

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	166,182	517,587	221,430	78,505
2 RESERVE FOR DEPRECIATION	A00	27,920	86,749	42,652	24,112
3 NET PLANT IN SERVICE	P01	138,262	430,838	178,778	54,393
4 ELECT PLANT HELD FOR FUT USE	PF00	469	1,467	617	118
5 POLLUTION CONTROL PROJECTS	PC00	129	403	134	17
6 ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	598	1,870	751	135
8 DEPRECIATED ELECTRIC PLANT	TEP	138,860	432,708	179,529	54,528
9 CASH WORKING CAPITAL	CWC	1,154	3,590	1,305	295
10 FUEL STOCK AND MATERIALS AND SUPPLIES	WCD	9,038	28,263	10,062	1,882
12 TOTAL WORKING CAPITAL	W00	10,192	31,853	11,367	2,177
13 ACCUM DEFERRED INCOME TAXES	DF99	5,301	16,509	6,666	2,039
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	5,355	16,516	6,761	2,045
17 MEASURES OF VALUE (RATE BASE)	RBX	143,697	448,045	184,135	54,660
18 REV FROM SALES - BASE & ECR	R104	46,800	127,229	58,419	17,198
19 OTHER OPERATING REVENUES	OOR	242	7,847	1,880	481
20 TOTAL OPERATING REVENUES	R00	47,042	135,076	60,299	17,679
21 OPERATION & MAINTENANCE EXP	EE00	25,570	79,616	30,233	8,579
22 DEPRECIATION EXPENSE	ED00	3,534	10,985	5,365	2,964
23 TAXES OTHER THAN INCOME	OTT	1,762	5,255	2,297	711
24 FEDERAL INCOME TAXES	FTAXI	-303	-5,742	948	157
25 STATE INCOME TAXES	STAXI	74	-548	303	63
26 DEFERRED INCOME TAXES - NET	TXD31	3,652	11,390	3,919	602
27 ITC PROV PRESENT RATES	TXD35	327	1,020	435	155
28 INVEST TAX CREDIT AMORT	TXD38	-117	-365	-156	-56
29 TOTAL TAXES	TEXI	5,396	11,010	7,745	1,633
30 AMORTIZATION OF PROPERTY LOSS	TXD21	34	107	36	4
31 TOTAL OPERATING EXPENSES	TEXP1	34,534	101,718	43,379	13,180
32 OPERATING INCOME	PRERTN	12,508	33,358	16,920	4,499
33 RATE OF RETURN - %	PRRTR	8.70	7.45	9.19	8.23
34 CLASS RATE IN % OF TOTAL	PRCLRT	100.5	85.9	106.0	95.0

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

FUTURE TEST YEAR

			TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1	ELECTRIC PLANT IN SERVICE	P00	4,338,888	1,884,234	239,496	729,651	501,803
2	RESERVE FOR DEPRECIATION	A00	852,081	394,633	50,905	136,792	88,318
3	NET PLANT IN SERVICE	P01	3,486,807	1,489,601	188,591	592,859	413,485
4	ELECT PLANT HELD FOR FUT USE	PF00	11,819	4,871	609	2,106	1,562
5	POLLUTION CONTROL PROJECTS	PC00	2,572	949	119	466	355
6	ASSOCIATED RETIREMENTS	PCR0	0	0	0	0	0
7	NET ADDITIONS AND DEDUCTIONS	NAD	14,391	5,820	728	2,572	1,917
8	DEPRECIATED ELECTRIC PLANT	TEP	3,501,198	1,495,421	189,319	595,431	415,402
9	CASH WORKING CAPITAL	CWC	26,039	10,601	1,352	4,457	3,285
10	FUEL STOCK AND MATERIALS						
11	AND SUPPLIES	WCD	193,598	74,969	9,414	34,441	25,529
12	TOTAL WORKING CAPITAL	W00	219,637	85,570	10,766	38,898	28,814
13	ACCUM DEFERRED INCOME TAXES	DF99	129,973	54,681	6,935	22,201	15,641
14	CUSTOMER ADVANCES	CA00	163	85	17	48	2
15	CUSTOMER DEPOSITS	DA00	1,841	285	800	543	62
16	TOTAL DEDUCTIONS	PLDED	131,977	55,051	7,752	22,792	15,705
17	MEASURES OF VALUE (RATE BASE)	RBX	3,588,858	1,525,940	192,333	611,537	428,511
18	REV FROM SALES - BASE & ECR	R104P	1,451,306	586,944	103,466	273,382	174,888
19	OTHER OPERATING REVENUES	OORP	31,041	9,850	1,138	5,090	2,283
20	TOTAL OPERATING REVENUES	R00P	1,482,347	596,794	104,604	278,472	177,171
21	OPERATION & MAINTENANCE EXP	EE00	633,735	277,282	35,822	102,337	74,296
22	DEPRECIATION EXPENSE	ED00	107,731	50,179	6,405	17,200	11,099
23	TAXES OTHER THAN INCOME	OTTP	53,036	22,648	3,432	9,307	6,119
24	FEDERAL INCOME TAXES	FTAX2	21,543	-8,516	10,797	17,254	3,543
25	STATE INCOME TAXES	STAX2	23,545	7,233	2,855	6,198	2,922
26	DEFERRED INCOME TAXES - NET	TXD31	75,107	28,329	3,562	13,491	10,162
27	INVEST TAX CR PROV PROP RATES	ITCP	113,759	49,402	6,279	19,130	13,157
28	INVEST TAX CREDIT AMORT	TXD38	-3,061	-1,329	-169	-515	-354
29	TOTAL TAXES	TEX2	283,929	97,768	26,756	64,864	35,548
30	AMORTIZATION OF PROPERTY LOSS	TXD21	682	252	31	124	94
31	TOTAL OPERATING EXPENSES	TEXP2	1,026,077	425,481	69,014	184,525	121,037
32	OPERATING INCOME	PPRTN	456,270	171,313	35,590	93,947	56,134
33	RATE OF RETURN - %	PPRTR	12.71	11.23	18.50	15.36	13.10
34	CLASS RATE IN % OF TOTAL	PPCLRT	100.0	88.3	145.5	120.8	103.0
35	SAME AT PRESENT RATES	PRCLRT	100.0	85.7	151.1	125.5	104.2

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
SUMMARY OF RESULTS AT PROPOSED RATE LEVEL
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-AVERAGE DEMAND

FUTURE TEST YEAR

		LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 ELECTRIC PLANT IN SERVICE	P00	166,182	517,587	221,430	78,505
2 RESERVE FOR DEPRECIATION	A00	27,920	86,749	42,652	24,112
3 NET PLANT IN SERVICE	P01	138,262	430,838	178,778	54,393
4 ELECT PLANT HELD FOR FUT USE	PF00	469	1,467	617	118
5 POLLUTION CONTROL PROJECTS	PC00	129	403	134	17
6 ASSOCIATED RETIREMENTS	PCR0	0	0	0	0
7 NET ADDITIONS AND DEDUCTIONS	NAD	598	1,870	751	135
8 DEPRECIATED ELECTRIC PLANT	TEP	138,860	432,708	179,529	54,528
9 CASH WORKING CAPITAL	CWC	1,154	3,590	1,305	295
10 FUEL STOCK AND MATERIALS					
11 AND SUPPLIES	WCD	9,038	28,263	10,062	1,882
12 TOTAL WORKING CAPITAL	W00	10,192	31,853	11,367	2,177
13 ACCUM DEFERRED INCOME TAXES	DF99	5,301	16,509	6,666	2,039
14 CUSTOMER ADVANCES	CA00	0	7	0	4
15 CUSTOMER DEPOSITS	DA00	54	0	95	2
16 TOTAL DEDUCTIONS	PLDED	5,355	16,516	6,761	2,045
17 MEASURES OF VALUE (RATE BASE)	RBX	143,697	448,045	184,135	54,660
18 REV FROM SALES - BASE & ECR	R104P	58,276	159,364	73,990	20,996
19 OTHER OPERATING REVENUES	OORP	247	9,639	2,250	544
20 TOTAL OPERATING REVENUES	R00P	58,523	169,003	76,240	21,540
21 OPERATION & MAINTENANCE EXP	EE00	25,570	79,616	30,233	8,579
22 DEPRECIATION EXPENSE	ED00	3,534	10,985	5,365	2,964
23 TAXES OTHER THAN INCOME	OTTP	2,027	6,041	2,660	802
24 FEDERAL INCOME TAXES	FTAX2	467	-4,113	2,244	-133
25 STATE INCOME TAXES	STAX2	857	1,764	1,389	327
26 DEFERRED INCOME TAXES - NET	TXD31	3,652	11,390	3,919	602
27 INVEST TAX CR PROV PROP RATES	ITCP	4,356	13,572	5,805	2,058
28 INVEST TAX CREDIT AMORT	TXD38	-117	-365	-156	-56
29 TOTAL TAXES	TEX2	11,242	28,290	15,861	3,600
30 AMORTIZATION OF PROPERTY LOSS	TXD21	34	107	36	4
31 TOTAL OPERATING EXPENSES	TEXP2	40,380	118,998	51,495	15,147
32 OPERATING INCOME	PPRTN	18,143	50,005	24,745	6,393
33 RATE OF RETURN - %	PPRTR	12.63	11.16	13.44	11.70
34 CLASS RATE IN % OF TOTAL	PPCLRT	99.3	87.8	105.7	92.0
35 SAME AT PRESENT RATES	PRCLRT	100.5	85.9	106.0	95.0

PENNSYLVANIA POWER & LIGHT COMPANY

FUNCTIONALIZATION & ASSIGNMENT OF CERTAIN RATE BASE, OPERATING REVENUE AND OPERATING EXPENSE ITEMS

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

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This section groups and assigns to functional categories those items of rate base, operating revenue and operating expense which cannot be entered directly from Exhibit Future 1 into the cost allocation studies. Wherever appropriate, classification of accounts are also shown.

The distribution plant assignments are shown on page 5. It was not feasible to analyze directly the accounts as of July 31, 1983. Accordingly, the results of an analysis of the accounts as of December 31, 1981 were applied to the July 31, 1983 account investments. The distribution expense assignments, shown on pages 16 and 17 were developed in a similar manner.

The tables following have been organized and referenced to the extent possible, to show the full development of computer program inputs from Future 1.

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant In Service
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

	Input	Account Numbers			Reference
Intangible Plant	Q95			$ 645	DSH 3, Section 2
Production Plant					
Susquehanna Production Plant	Q08		$1,666,509		DSH 3, Section 2
Other Production Plant	Q09		1,261,388		DSH 3, Section 2
Total Production Plant				$2,927,897	DSH 3, Section 2
Transmission Plant					
Susquehanna Transmission Plant	Q18		$ 9,349		DSH 3, Section 1
Other Transmission Plant	Q19		407,463		DSH 3, Section 2
Total Transmission Plant				$ 416,812	DSH 3, Section 2
Distribution Plant					
Land		360.2	$ 6,402		
Land Rights		360.4	45,954		
Structures & Improvements		361	16,033		
Station Equipment		362	130,894		
Poles-Towers & Fixtures		364	344,992		
Overhead Conductors & Devices		365	221,188		
Underground Conduit		366	25,990		
Underground Conductors & Devices		367	47,167		
Line Transformers		368	141,924		
Services		369	104,692		
Meters		370	46,391		
Area Lighting Fixtures		371	2,383		
Street Lighting		373	22,174		
Total Distribution Plant				$1,156,184	DSH 3, Section 2
General Plant	Q88			$ 123,349	DSH 3, Section 2
Total Electric Plant in Service				$4,624,887	DSH 3, Section 2

PENNSYLVANIA POWER & LIGHT COMPANY

Subfunctionalization of Distribution Plant In Service
% of Account Total

Historic Period - Year Ended July 31, 1982

Future Period - Year Ending July 31, 1983

	Land 360.2	Land Rights 360.4	Structures &Improv. 361	Station Equip. 362	Poles Tower &Fixtures 364	O.H. Cond. &Devices 365	U.G. Conduit 366	U.G. Cond. &Devices 367	Line Transf. 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Distribution Plant													
Substations													
Generation Step-up	0.25%	0.00%	0.27%	0.39%									
66/138KV	0.55	0.00	2.36	2.92									
Primary	54.99	0.04	67.83	68.51									
Secondary	5.38	0.07	29.54	28.18									
	61.17	0.11											
Overhead Lines													
66/138KV	30.10	43.12			24.13%	22.60%							
Primary	2.46	15.37			19.78	24.33							
Secondary-Demand Comp.	1.24	7.75			9.22	13.47							
Secondary-Customer Comp.	4.52	28.22			39.53	39.60							
Street Lighting	0.51	3.20			7.34								
	38.83	97.66											
Underground Lines													
66/138KV							5.58%	6.06%					
Primary		0.22					9.44	9.39					
Secondary-Demand Comp.		0.99					41.85	41.64					
Secondary-Customer Comp.		1.02					43.13	42.91					
		2.23											
Line Transformers													
Demand Component									87.58%				
Customer Component									12.42				
Services													
Demand Component										25.00%			
Customer Component										75.00			
Meters											100.0%		
Area Lighting Fixtures												100.0%	
Street Lighting													100.0%
Total Distribution Plant	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

NOTE: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Plant in Service
to Subfunctional Categories
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

Distribution Plant	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Substations										
Generation Step-up	Q26	$ 570	$ 16	$ 0	$ 43	$ 511				
66/138KV	Q27	4,236	35	0	379	3,822				
Primary	Q28	104,089	3,521	18	10,875	89,675				
Secondary	Q29	41,998	344	32	4,736	36,886				
Total Substations		$ 150,893								
Overhead Lines										
66/138KV	Q31	$ 154,978	1,927	19,815			$ 83,247	$ 49,989		
Primary	Q32	129,276	158	7,063			68,240	53,815		
Secondary-Demand Comp.	Q33	65,243	79	3,562			31,808	29,794		
Secondary-Customer Comp.	Q34	237,222	289	12,968			136,375	87,590		
Street Lighting	Q35	26,826	33	1,471			25,322			
Total Overhead Lines		$ 613,545								
Underground Lines										
66/138KV	Q36	$ 4,308							$ 1,450	$ 2,858
Primary	Q37A	6,983		101					2,453	4,429
Secondary-Demand Comp.	Q37	30,972		455					10,877	19,640
Secondary-Customer Comp.	Q38	31,919		469					11,210	20,240
Total Underground Lines		$ 74,182								
Account Totals			$ 6,402	$ 45,954	$16,033	$130,894	$344,992	$221,188	$25,990	$47,167

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	Q39	$ 124,297	$124,297				
Customer Component	Q40	17,627	17,627				
Total Line Transformers		$ 141,924					
Services							
Demand Component	Q41	$ 26,173		$ 26,173			
Customer Component	Q42	78,519		78,519			
Total Services		$ 104,692					
Meters	Q43	$ 46,391			$46,391		
Area Lighting Fixtures	Q44	$ 2,383				$ 2,383	
Street Lighting	Q46	$ 22,174					$ 22,174
Total Distribution Plant or Accounts		$1,156,184	$141,924	$104,692	$46,391	$ 2,383	$ 22,174

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

Reserve for Depreciation
Total Electric Department

Future Period – Year Ending July 31, 1983
($1,000's)

	Input	Account Numbers			Reference
Production Function					
Susquehanna Production Function	H08		$ 2,470		DSH 3, Section 2
Other Production Function	H09		439,511		DSH 3, Section 2
Total Production Function				$ 441,981	DSH 3, Section 2
Transmission Function					
Susquehanna Transmission Function	H18		$ 55		
Other Transmission Function	H19		80,896		
Total Transmission Function				$ 80,951	DSH 3, Section 2
Distribution Function					
Land		360.2	0		
Land Rights		360.4	$ 13,660		
Structures & Improvements		361	4,331		
Station Equipment		362	32,651		
Poles-Towers & Fixtures		364	80,960		
Overhead Conductors & Devices		365	71,299		
Underground Conduit		366	4,664		
Underground Conductors & Devices		367	10,328		
Line Transformers		368	45,978		
Services		369	39,980		
Meters		370	16,659		
Area Lighting Fixtures		371	1,000		
Street Lighting		373	11,661		
Total Distribution Function				$ 333,171	DSH 3,Section 2
General Function	H88			$ 26,663	DSH 3, Section 2
Total Reserve for Depreciation				$ 882,766	DSH 3, Section 2

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Reserve for Depreciation to Subfunctional Categories
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

Distribution Plant	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Substations										
Generation Step-up	H26	$ 139			$ 12	$ 127				
66/138KV	H27	1,056			102	954				
Primary	H28	25,312		$ 5	2,938	22,369				
Secondary	H29	10,490		10	1,279	9,201				
Total Substations		$ 36,997								
Overhead Lines										
66/138KV	H31	$ 41,540		5,890			$ 19,536	$ 16,114		
Primary	H32	35,461		2,100			16,014	17,347		
Secondary-Demand Comp.	H33	18,128		1,059			7,465	9,604		
Secondary-Customer Comp.	H34	64,092		3,855			32,003	28,234		
Street Lighting	H35	6,379		437			5,942			
Total Overhead Lines		$ 165,600								
Underground Lines										
66/138KV	H36	$ 886							$ 260	$ 626
Primary	H37A	1,440		30					440	970
Secondary-Demand Comp.	H37	6,387		135					1,952	4,300
Secondary-Customer Comp.	H38	6,583		139					2,012	4,432
Total Underground Lines		$ 15,296								
Account Totals			0	$13,660	$ 4,331	$ 32,651	$ 80,960	$ 71,299	$ 4,664	$10,328

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	H39	$ 40,268	$40,268				
Customer Component	H40	5,710	5,710				
Total Line Transformers		$ 45,978					
Services							
Demand Component	H41	$ 9,995		$ 9,995			
Customer Component	H42	29,985		29,985			
Total Services		$ 39,980					
Meters	H43	$ 16,659			$16,659		
Area Lighting Fixtures	H44	$ 1,000				$ 1,000	
Street Lighting	H46	$ 11,661					$ 11,661
Total Distribution Plant or Accounts		$ 333,171	$45,978	$39,980	$16,659	$ 1,000	$ 11,661

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Other Operating Revenues

Future Period - Year Ending July 31, 1983
($1,000's)

Function		Rent from Electric Property Account 454		Other Electric Revenues Account 456	
		Input	Amount	Input	Amount
1.	Production	-	-	S20A	$ 708
2.	Transmission	S13	$1,086	S20B	2,254
3.	Distribution	S14	3,781	S20F	293
4.	RCS Program	—	--	S20G	24*
5.	Transmission/Distribution	S15	31	-	-
6.	General	S16	242	S20H	23
7.	Customer Accounts	-	-	S20I	183
8.	Total Account (1)		$5,140		$3,485*

(1) Total Accounts 454 and 456 from Exhibit Reg. III-D-13. Assigned to functional categories on basis of Exhibit AJB 2, Section A, Page 8.

*Includes adjustment of $10,000.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Pennsylvania Jurisdictional Rate Revenues
To Customer Classes

Future Period - Year Ending July 31, 1983
($1,000's)

Rate Class	Present Revenues Rate	Present Revenues Energy Adjustment	Present Revenues Total	Proposed Revenues Rate
RS	$ 438,666	$31,225	$ 469,891	$ 586,944
GS-1	78,468	3,943	82,411	103,466
GS-3	202,928	15,264	218,192	273,382
LP-4	127,604	12,033	139,637	174,888
LP-5	42,280	4,520	46,800	58,276
LP-6	113,753	13,476	127,229	159,364
GH	54,071	4,348	58,419	73,990
SL/AL	16,664	534	17,198	20,996
Total PUC	$1,074,434	$85,343	$ 1,159,777	$1,451,306

Note: Based on Exhibit Future 1, D-3 : interdepartmental included in GS-3.

ANNUALIZATION ADJUSTMENT BY RATE CLASS

RATE CLASS	(1) KWH SALES ADJUSTMENT 1/	(2) BASE RATE REVENUE ADJUSTMENT 1/ ($)	(3) ECR ADJUSTMENT 2/ 3.814 MILLS * (1) ($)	(4) TOTAL BASE RATE REVENUE AND ECR ADJUSTMENTS (2) * (3) ($)	(5) TOTAL BASE RATE REV., ECR AND LATE PAYMENT ADJUSTMENTS ($)
RS	55,374,580	2,959,030	211,199	3,170,229	3,179,089
GS-1	-4,599,652	-305,312	-17,543	-322,855	-323,757
GS-3	50,722,112	2,122,679	193,454	2,316,133	2,322,606
LP-4	22,853,876	904,279	87,165	991,444	994,215
LP-5	-28,220	-20,311	-108	-20,419	-20,476
LP-6	175,089,765	6,431,330	667,792	7,099,122	7,118,963
GH	28,149,076	1,205,969	107,361	1,313,330	1,317,000
SL/AL	1,984,758	201,153	7,570	208,723	209,306
TOTAL	329,546,295	13,498,817	1,256,890	14,755,707	14,796,946 3/

1/ FROM ATTACHMENT III-D-8.

2/ FROM FUTURE 1, D-3.

3/ FROM FUTURE 1, D-3 (TOTAL PPUC ANNUALIZATION ADJUSTMENT EXCLUDING TAX SURCHARGE.)

NOTE: PROPOSED REVENUE ANNUALIZATION OF $ 18,502,800 FROM EXHIBIT FUTURE I, D-3 ASSIGNED TO RATE CLASSES PER COLUMN (5).

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Production Operation & Maintenance Expense
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

	Input	Amount	Reference
Production Function			
Nuclear Fuel	G01	$ 26,590	Future 1,D-4
Fossil Fuel w/o Susquehanna	G02	779,819	Future 1,D-4
Fuel Adjustment with Susquehanna	G02A	(18,632)	Future 1,D-4
Net Interchange w/o Susquehanna	G03	(357,342)	Future 1,D-4
Interchange Adjustment with Susquehanna	G04	(200,128)	Future 1,D-4
Purchases - AE Buyback			
Demand Component	G06D	18,710	Future 1,D-4
Energy Component	G06E	1,831	Future 1,D-4
Purchases - Other			
Demand Component	G07D	3,100	Future 1,D-4
Energy Component	G07E	0	Future 1,D-4
Other Production Expense - Susquehanna			
Demand Component	G08D	31,918	Section A, Page 11
Energy Component	G08E	29,658	Section A, Page 11
Other Production Expense-Other			
Demand Component	G09D	51,783	Section A, Page 12
Energy Component	G09E	60,876	Section A, Page 12
Fuel Handling	G11	14,779	Future 1,B-4
Installed Capacity Payments w/o Susq.	G12	(712)	Future 1,D-4
Installed Capacity Payments Adj. w/Susq.	G13	(284)	Future 1,D-4
Spent Nuclear Fuel Disposal Costs	G92	8,153	Future 1,D-13
Decommissioning Costs	G93	2,644	Future 1,D-12
Total Production Function		$452,763	

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Other Production Expense - Susquehanna

Future Period - Year Ending July 31, 1983
($1,000's)

	Total	Demand Related	Energy Related
Wages and Salaries	$24,509 (2)(5)	$13,880 (3)	$10,629 (4)
Employee Benefits	4,264 (2)	2,415	1,849
Nuclear-related insurance	5,595	5,595	--
Nuclear fuel lease payment	8,280	--	8,280
Other operating costs	18,928 (2)	10,720	8,208
Total Operating Expense	$61,576 (1)	$32,610 G08D	$28,966 G08E

(1) From Exhibit Future 1, D11, Page 1.
(2) Assignment based on Steam Production Accounts, Section A, Page 13.
(3) Input KA900 to Wages and Salaries Allocator, Section B, Page 12.
(4) Input KA902 to Wages and Salaries Allocator, Section B, Page 12.
(5) Input KA910 to Wages and Salaries Allocator, Section B, Page 12.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Production Expense
Other Than Direct Energy and Susquehanna To Demand and Energy Components
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

Account		Total	Demand Related	Energy Related
500	Steam Operation-Supv. & Eng.	$ 4,703	$ 4,703	
502	Steam Expenses	11,219	11,219	
505	Steam Electric Expenses	3,423	3,423	
506	Steam Misc. Power Expenses	13,594	13,594	
507	Steam-Rents	420	420	
510	Steam Maint. - Supv. & Eng.	1,737		$ 1,737
511	Steam Maint. - Structures	3,768	3,768	
512	Steam Maint. - Boiler Plant	42,010		42,010
513	Steam Maint. - Electric Plant	14,089		14,089
514	Steam Maint. - Miscellaneous	3,582	3,582	
535	Hydraulic Operation- Supv. & Eng.	675	675	
536	Water for Power	5	5	
537	Hydraulic Expenses	618	618	
538	Hydraulic Electric Expenses	560	560	
539	Hydraulic Miscellaneous Expenses	777	777	
540	Hydraulic Rents	3	3	
541	Hydraulic Maint. - Supv. & Eng.	99	99	
542	Hydraulic Maint. - Structures	464	464	
543	Hydraulic Maint. - Reservoirs, etc.	1,391	1,391	
544	Hydraulic Maint. - Electric Plant	322		322
545	Hydraulic Maint. - Miscellaneous	606	606	
546	Other Power Gen.-Supv. & Eng.	100	100	
548	Other Power - Generation Expenses	118	118	
549	Other Power - Misc. Generation Expenses	47	47	
550	Other Power - Rents	857	857	
551	Other Power Gen.-Maint. Supv. & Eng.	94	94	
552	Other Power-Maint. of Structures, etc.	201	201	
553	Other Power-Maint. of Generation Plant	1,743	1,743	
556	System Control and Load Dispatching	3,393	1,696	1,697
557	Other Power Supply - Other Expenses	2,041	1,020	1,021
	Total	$112,659 (1)	$51,783	$60,876
			G09D	G09E

(1) From Future 1, B-4

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Production Wages and Salaries Other Than Susquehanna to Demand and Energy Components

Future Period - Year Ending July 31, 1983
($1,000's)

Account		Total	Demand Related	Energy Related
500	Steam Operation-Supv. & Eng.	$ 3,342	$ 3,342	
501	Fuel	2,475		$ 2,475
502	Steam Expenses	7,493	7,493	
505	Steam Electric Expenses	3,026	3,026	
506	Steam-Misc. Power Expenses	6,367	6,367	
510	Steam Maint.-Supv. & Eng.	1,336		1,336
511	Steam Maint.-Structures	1,386	1,386	
512	Steam Maint.-Boiler Plant	12,197		12,197
513	Steam Maint.-Electric Plant	3,898		3,898
514	Steam Maint.-Miscellaneous	1,150	1,150	
535	Hydraulic Operation-Supv. & Eng.	153	153	
537	Hydraulic Expenses	245	245	
538	Hydraulic Electric Expenses	535	535	
539	Hydraulic Miscellaneous Expenses	292	292	
541	Hydraulic Maint. -Supv. & Eng.	73	73	
542	Hydraulic Maint. -Structures	91	91	
543	Hydraulic Maint. -Reservoirs, etc.	212	212	
544	Hydraulic Maint. -Electric Plant	202		202
545	Hydraulic Maint. -Miscellaneous	145	145	
546	Other Power Gen. -Operation Supv. & Eng.	90	90	
548	Other Power -Generation Expenses	61	61	
549	Other Power -Misc. Generation Expenses	10	10	
551	Other Power Gen.-Maintenance Supv. & Eng.	81	81	
552	Other Power -Maint.of Structures,etc.	35	35	
553	Other Power -Maint. of Generation Plant	204	204	
556	System Control and Load Dispatching	2,010	1,005	1,005
557	Other Power Supply - Other Expenses	1	1	0
	Total Production Payroll	$47,110	$25,997	$21,113
		KB910	KB900	KB902
	Subtotal Steam Production Accounts 500,502-514	$40,195	$22,764	$17,431

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Operation Expense Accounts
% of Account Total

Historic Period - Year Ended July 31, 1982

Future Period - Year Ending July 31, 1983

	FERC Accounts						
	580	581	582	583	584		
Distribution Function							
Substations							
Generation Step-Up	0.04%	0.08%	0.41%				
66-138KV	0.34	0.54	2.78				
Primary	8.11	13.08	68.97				
Secondary	3.30	5.28	27.84				
Overhead Lines							
66/138KV	1.92	18.36		25.30%			
Primary	1.63	15.30		21.04			
Secondary-Demand Comp.	0.80	7.71		10.63			
Secondary-Customer Comp.	2.97	28.04		38.66			
Street Lighting	0.34	3.18		4.37			
Underground Lines							
66/138KV	0.21	0.46			5.81%		
Primary	0.34	0.80			9.40		
Secondary-Demand Comp.	1.42	3.52			41.71		
Secondary-Customer Comp.	1.46	3.65			43.08		
Account Totals		100.0%	100.0%	100.0%	100.0%		
		FERC Accounts					
		585	586	587	588	589	
Misc. Dist. Expense & Rents	30.82				100.0%	100.0%	
Meters	24.80		100.0%				
Street Lighting	1.51	100.0%					
Customer Installations	19.99			100.0%			
Account Totals	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

Note: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Maintenance Expense Accounts
% of Account Total

Historic Period - Year Ended July 31, 1982

Future Period - Year Ending July 31, 1983

	FERC Accounts				
	590	591	592	593	594
Distribution Function					
Substations					
Generation Step-Up	0.06%	0.45%	0.38%		
66-138KV	0.44	2.95	2.80		
Primary	10.50	68.93	68.97		
Secondary	4.27	27.67	27.85		
Overhead Lines					
66/138KV	14.46			25.30%	
Primary	12.01			21.05	
Secondary-Demand Comp.	6.10			10.62	
Secondary-Customer Comp.	22.12			38.65	
Street Lighting	2.51			4.38	
Underground Lines					
66/138KV	0.50				5.76%
Primary	0.75				9.43
Secondary-Demand Comp.	3.46				41.77
Secondary-Customer Comp.	3.52				43.04
Account Totals		100.0%	100.0%	100.0%	100.0%

	FERC Accounts			
	595	596	597	598
Line Transformers				
Demand Component	8.80	87.58%		
Customer Component	1.26	12.42		
Misc. Dist. Expense & Rents				
Meters	5.09		100.0%	
Street Lighting	4.15	100.0%		100.0%
Customer Installations				
Account Totals	100.0%	100.0%	100.0%	100.0%

Note: Above percentages were derived by a detailed analysis of each account as of December 31, 1981.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Operation Expense Accounts to Subfunctional Categories

Future Period - Year Ending July 31, 1983
($1,000's)

	Input	Total	FERC Accounts 580	581	582	583	584
Distribution Function							
Substations							
Generation Step-Up	G26	$ 32	$ 1	$ 2	$ 10		
66/138 KV	G27	232	10	14	69		
Primary	G28	5,655	250	328	1,702		
Secondary	G29	2,283	102	132	687		
Total Substations		$ 8,202	363				
Overhead Lines							
66/138 KV	G31	$ 8,585	59	461		$ 755	
Primary	G32	7,144	50	384		628	
Secondary-Demand Comp.	G33	3,604	25	193		317	
Secondary-Customer Comp.	G34	13,117	92	703		1,154	
Street Lighting	G35	1,487	10	80		131	
Total Overhead Lines		$33,937	236				
Underground Lines							
66/138KV	G36	$ 199	7	12			$ 33
Primary	G37A	323	10	20			53
Secondary-Demand Comp.	G37	1,435	44	88			236
Secondary-Customer Comp.	G38	1,479	45	92			243
Total Underground Lines		$ 3,436	106				
Account Totals				$2,509	$2,468	$2,985	$ 565

	Input	Total	FERC Accounts 585	586	587	588	589
Line Transformers							
Demand Component	G39	$ 2,875					
Customer Component	G40	408					
Total Line Transformers		$ 3,283					
Misc. Dist. Expense & Rents	G41	$ 9,020	951			$6,505	$1,564
Meters	G43	$ 5,607	765	$3,527			
Street Lighting	G46	$ 2,123	47	$ 501			
Customer Installations	G47	$ 3,596	617		$2,979		
Total Distribution Function or Accounts		$69,204	$3,085	$ 501	$3,527	$2,979	$6,505	$1,564

Note: Functionalization on basis of percentages shown on Section A, Page 14..

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Maintenance Expense Accounts to Subfunctional Categories

Future Period – Year Ending July 31, 1983
($1,000's)

	FERC Accounts 590	591	592	593	594
Distribution Function					
Substations					
Generation Step-Up	$ 1	$ 3	$ 15		
66/138KV	9	18	112		
Primary	214	415	2,746		
Secondary	87	166	1,109		
	$ 311				
Overhead Lines					
66/138KV	$ 295			$ 7,015	
Primary	245			5,837	
Secondary-Demand Comp.	124			2,945	
Secondary-Customer Comp.	451			10,717	
Street Lighting	51			1,215	
	$1,166				
Underground Lines					
66/138KV	$ 10				$ 137
Primary	15				225
Secondary-Demand Comp.	71				996
Secondary-Customer Comp.	72				1,027
	$ 168				
Account Totals		$ 602	$3,982	$27,729	$2,385

	FERC Accounts 595	596	597	598
Line Transformers				
Demand Component	$ 180	$2,695		
Customer Component	26	382		
	$ 206			
Misc. Dist. Expense & Rents				
Meters	104		$ 1,211	
Street Lighting	85	$1,222		$ 268
Customer Installations				
Account Totals	$2,040	$3,077	$1,222	$ 1,211	$ 268

Note: Functionalization on basis of percentages shown on Section A, Page 15.

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Customer Accounts Expense
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

Account		Total	Meters	Customer Accounts
901	Supervision	$ 526	$ 0	$ 526
902	Meter Reading Expense	6,243	6,243	0
903	Customer Records & Collection Expense	14,931	0	14,931
904	Uncollectible Accounts	5,476	0	5,476
905	Misc. Customer Accounts Expense	803	0	803
	Total Customer Accounts Expense	$27,979(1)	$6,243	$21,736
			G50	G55

(1) From Future 1, B-4

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Administrative & General Expenses
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

Account 928 - Regulatory Commission	Input	Expense	Reference
PUC - Regulatory Expense	G70P	$ 393	Future 1, D-7
FERC - Regulatory Expense	G70F	139	Future 1, D-7
Total Regulatory Commission Expense		$ 532	Future 1, D-7
Account 924 - Property Insurance	G72	$ 4,244	Future 1, B-4
Other Administrative & General Accounts	G74	$73,509	Future 1, B-4
Total Administrative & General Expenses		$78,285	

PENNSYLVANIA POWER & LIGHT COMPANY

Depreciation Expense
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

	Input	Account Numbers			Reference
Production Function					
Susquehanna Production Function	GD08		$ 14,821		
Other Production Function	GD09		43,785		
Total Production Function				$58,606	DSH 3, Section 2
Transmission Function					
Susquehanna Transmission Function	GD18		$ 187		
Other Transmission Function	GD19		8,649		
Total Transmission Function				$8,836	DSH 3, Section 2
Distribution Function					
Land		360.2	0		
Land Rights		360.4	1,121		
Structures & Improvements		361	458		
Station Equipment		362	3,824		
Poles-Towers & Fixtures		364	11,210		
Overhead Conductors & Devices		365	8,193		
Underground Conduit		366	433		
Underground Conductors & Devices		367	1,347		
Line Transformers		368	5,616		
Services		369	6,455		
Meters		370	1,686		
Area Lighting Fixtures		371	238		
Street Lighting		373	1,232		
Total Distribution Function				$ 41,813	DSH 3, Section 2
General Function	GD88			$ 3,219	DSH 3, Section 2
Total Depreciation Expense				$ 112,474	DSH 3, Section 2

PENNSYLVANIA POWER & LIGHT COMPANY

Assignment of Distribution Depreciation Expense
to Subfunctional Categories
Total Electric Department

Future Period - Year Ending July 31, 1983
($1,000's)

	Input	Total	Land 360.2	Land Rights 360.4	Structures & Improv. 361	Station Equip. 362	Poles-Towers & Fixtures 364	O.H.Cond. & Devices 365	U.G. Conduit 366	U.G.Cond. & Devices 367
Distribution Plant										
Substations										
Generation Step-up	GD26	$ 16			$ 1	$ 15				
66/138KV	GD27	123			11	112				
Primary	GD28	2,932		$ 1	311	2,620				
Secondary	GD29	1,213		1	135	1,077				
Total Substations		$ 4,284								
Overhead Lines										
66/138KV	GD31	$ 5,040		$ 483			$ 2,705	$ 1,852		
Primary	GD32	4,382		172			2,217	1,993		
Secondary-Demand Comp.	GD33	2,225		87			1,034	1,104		
Secondary-Customer Comp.	GD34	7,991		316			4,431	3,244		
Street Lighting	GD35	859		36			823			
Total Overhead Lines		$ 20,497								
Underground Lines										
66/138KV	GD36	$ 106							$ 24	$ 82
Primary	GD37A	170		3					41	126
Secondary-Demand Comp.	GD37	753		11					181	561
Secondary-Customer Comp.	GD38	776		11					187	578
Total Underground Lines		$ 1,805								
Account Totals			0	$ 1,121	$ 458	$ 3,824	$ 11,210	$ 8,193	$ 433	$ 1,347

	Input	Total	Line Transformers 368	Services 369	Meters 370	Area Ltg. Fixtures 371	Street Lighting 373
Line Transformers							
Demand Component	GD39	$ 4,918	$ 4,918				
Customer Component	GD40	698	698				
Total Line Transformers		$ 5,616					
Services							
Demand Component	GD41	$ 1,614		$ 1,614			
Customer Component	GD42	$ 4,841		4,841			
Total Services		$ 6,455					
Meters	GD43	$ 1,686			$ 1,686		
Area Lighting Fixtures	GD44	$ 238				$ 238	
Street Lighting	GD46	$ 1,232					$ 1,232
Total Distribution Plant or Accounts		$ 41,813	$ 5,616	$ 6,455	$ 1,686	$ 238	$ 1,232

Note: Functionalization on basis of percentages shown on Section A, Page 4.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

ALLOCATION FACTORS

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

Index	Pages
Index and Description	1
Customer Class Designations and Abbreviations	2
Alphabetical Listing of Allocation Factors	3 to 6
Development of Specific Allocation Factors	
a. Customer Related	
(1) Numbers of Customers	7
(2) Meter Investment (CW1)	8
(3) Customer Accounts Expense (CW4)	9
(4) Customer Deposits (CW5)	10
(5) Late Payment Charge (CW7)	10
(6) Customer Advances for Construction (CW8)	10
(7) Line Transformer Customer Component (CW9)	11
b. Wage and Salary Allocators	
(1) Assignment to Atlantic City Sales	12
(2) Assignment to Other Wholesale Sales Supplies	13
(3) Pennsylvania Jurisdictional Allocation	14, 15
c. Energy Related	
(1) U10 and U15	16
(2) Energy Loss Factors	17
(3) Energy Reconciliation	18
d. Demand Related	
(1) Monthly Peak Responsibility	19
(2) Other Demand Allocators	20, 21
(3) Demand Development	22

This section lists the Rate Schedules that make up the Rate Classes used in the jurisdictional studies (page 2) and all the allocation factors used in the studies (pages 3 to 6). Generally, allocators fall into three classes—Direct Assignments, Program Generated and Calculated (Energy, Demand and Customer Related). The development of specific calculated allocators are shown on pages 7 to 22.

PENNSYLVANIA POWER & LIGHT COMPANY

EXHIBIT AJB3

CUSTOMER CLASS DESIGNATIONS & ABBREVIATIONS

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

Rate Classes	Abbreviations	PUC Jurisdictional Rate Schedules
Residential Total	RS	RS, RTS, RX
Small General Service	GS-1	GS-1, BL
Large General Service - Secondary	GS-3	GS-3
Large General Service - 12 KV	LP-4	LP-4
Large General Service - 66 KV	LP-5	LP-5
Large General Service - 66 KV 10 MW Min	LP-6	LP-6
Commercial & Industrial Heating	GH	GH-1, GH-2, GH-4
Street and Area Lighting	SL/AL	SA, SM, SHS TS, SI1, SI4, SI6
Resale 66 KV	RES66	
Resale 12 KV	RES12	
UGI - Luzerne Div.	UGI	
Company Use	COUSE	
Interdepartmental 1/	INTDP	

1/For cost allocation purposes INTDP is included with GS-3.

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Future Period - Year Ending July 31, 1983

Code	Name	Reference Section	Page
A1X	Proportional Allocation to Atlantic City Sales	II	14
A2X	Proportional Allocation of Other Production Plant	III	14
A3X	Direct to Net Electric Department	III	14
AT1	Combined Production, Transmission and Distribution Plant	III	2
AT1A	Other Production/Transmission/Distr. Plant	III	2
AT2	Combined Transmission and Distribution Plant	III	2
AT3	Distribution Plant - Secondary	III	2
C10	Customers - Total	B	7
C30	Customers - Secondary	B	7
C31	Customers - Secondary Services	B	7
CW1	Meter Investment	B	8
CW4	Customer Accounts Expense	B	9
CW5	Customer Deposits	B	10
CW7	Late Payment Charge	B	10
CW8	Customer Advances for Construction	B	10
CW9	Line Transformer Customer Component	B	11
D10	Demand at Generation Level	B	19
D20	Demand - Primary Customers and Below	B	19
D30	Demand - Secondary Customers	B	19
D31	Demand - Secondary Services	B	19

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Future Period - Year Ending July 31, 1983

Code	Name	Reference Section	Page
ED00	Depreciation Expense-Total	III	10
ED00S	Depreciation Expense-Susquehanna	III	10
ED000	Depreciation Expense-Other	III	10
ET1	Capital Stock Tax	III	11
K401	100% to Pennsylvania Jurisdiction	III	32
K433	Total Wages and Salaries-General Plant	III	15
K939	Total Wages and Salaries-Wage Expense Adj. and Payroll Taxes	III	15
K929	Total Wages and Salaries-Administrative and General	III	15
P08	Production Plant Function-Susquehanna Plant	III	2
P09	Production Plant Function-Other Prod. Plant	III	2
P10	Production Plant Function-Total	III	2
P18	Transmission Plant Function-Susquehanna	III	2
P19	Transmission Plant Function-Other	III	2
P20	Transmission Plant Function-Total	III	2
P26	Generation Step-up Substations Plant	III	2
P27	66/138KV Substations Plant	III	2

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Future Period - Year Ending July 31, 1983

Code	Name	Reference Section	Page
P28	Primary Substations Plant	III	2
P29	Secondary Substations Plant	III	2
P31	66/138KV Overhead Lines Plant	III	2
P32	Primary Overhead Lines Plant	III	2
P33	Demand Component-Secondary Overhead Lines Plant	III	2
P34	Customer Component-Secondary Overhead Lines Plant	III	2
P35	Street Lighting Overhead Lines Plant	III	2
P36	66/138KV Underground Lines Plant	III	2
P37A	Primary Underground Lines Plant	III	2
P37	Demand Component-Secondary Underground Lines Plant	III	2
P38	Customer Component-Secondary Underground Lines Plant	III	2
P39	Demand Component-Line Transformers Plant	III	2
P40	Customer Component-Line Transformers Plant	III	2
P41	Demand Component-Secondary Services Plant	III	2
P42	Customer Component-Secondary Services Plant	III	2
P43	Meter Plant Investment	III	2

PENNSYLVANIA POWER & LIGHT COMPANY

Summary of Allocation Factors

Future Period - Year Ending July 31, 1983

Code	Name	Reference Section - Page	
P44	Area Lighting Fixtures Plant Investment	III	2
P46	Street Lighting Plant Investment	III	2
P88	Total General Plant	III	2
P0L	Total Overhead Distr. Lines Plant	III	2
P01	Net Plant in Service	III	3
P00S	Electric Plant-Susquehanna	III	2
P000	Electric Plant-Other	III	2
P00	Electric Plant-Total	III	2
RBX	Rate Base	III	24
TXD21	Amortization of Property Loss	III	13
U10	Energy at Generation Level	B	16
U15	Energy at Sales Level	B	16
WCAP	Expenses Applicable for Working Capital-Total	III	23
WCA1	Expenses Applicable for Working Capital-Susq.	III	23
WCA2	Expenses Applicable for Working Capital-Other	III	23
XP1	Street Lighting Plant	III	32
XP2	Area Lighting Plant	III	32
XP3	Resale Customers-Primary and Transmission	B	7

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Customer Allocation Factors

Future Period - Year Ending July 31, 1983

Rate Class	Resale Customers XP3	Total Customers C-10	Secondary Custs.C-30	Secondary Custs. C-31
RS		895,807	895,807	895,807
GS-1		99,680	99,680	99,680
GS-3		11,987	11,987	11,987
LP-4		690	0	0
LP-5		81	0	0
LP-6		27	0	0
GH		5,690	5,690	5,690
SL/AL		735	735	0
Total PUC		1,014,697	1,013,899	1,013,164
RES66	6	6	0	0
RES12	9	9	0	0
UGI	1	1	0	0
Total	16	1,014,713	1,013,899	1,013,164

Note: From Exhibit Future 1, D-3.

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Allocation Factor for Meter Investment (CW1)

Future Period - Year Ending July 31, 1983

Rate Class	(Col.1) Average Investment Per Customer	(Col.2) Customers (1)	(Col.3) Alloc.Factor (Col.1 x Col.2)	(Col.4) Assignment of Meter Investment (CW1) ($1,000's)
RS	$ 22	895,807	$19,707,754	$ 30,347 (3)
GS-1	67	99,680	6,678,560	10,284
GS-3	129	11,987	1,546,323	2,381
LP-4	2,000	690	1,380,000	2,125
LP-5	3,358	81	271,998	419
LP-6	4,706	27	127,062	196
GH	67	5,690	381,230	587
SL/AL	0	735	0	0
Total PUC		1,014,697	$30,092,927	$ 46,339
RES66				32
RES12				20
UGI				0
Total				$ 46,391 (2)

(1) From Section B, Page 7.
(2) From Section A, Page 3 (Account 370).
(3) For example, CW1 for RS = ($46,339 ÷ $30,092) x $19,708 = $30,347.

PENNSYLVANIA POWER & LIGHT COMPANY

Allocation Factor Customer Accounts Expense (CW4)
(Less Meter Reading Account 902 Expense)

Future Period - Year Ending July 31, 1983

Rate Class	Number of Customers	Expense Per Customer ($)	Total Expense (CW4) ($1,000's)
RS	895,807	21.401336	$ 19,171
GS-1	99,680	21.401336	2,133
GS-3 (1 Meter)	11,557	21.401336	247
GS-3 (2 Meters)	430	42.802672	18
LP-4 (1 Meter)	492	21.401336	11
LP-4 (2 Meters)	198	42.802672	9
LP-5	81	77.00	6
LP-6	27	77.00	2
GH	5,690	21.401336	122
SL/AL	735	21.401336	16
Total PUC	1,014,697		$ 21,735
RES66	6	77.00	0
RES12	9	77.00	1
UGI	1	77.00	0
Total	1,014,713		$ 21,736

Notes:

1. The expense per customer of $77.00 for LP-5, LP-6 and Resale is based on current estimates. This value times the respective number of customers totals $9 thousand.

2. The expense of $21,736 (Section A, page 18) less $9 for LP-5, LP-6 and Resale gives $21,727 for the remaining PUC classes.

3. GS-3 and LP-4 customers are of two types. Some have total requirements measured by 1 meter. The rest have a separate instrument to record time of day demands. These are attributed double expense to reflect those conditions. Accordingly, total PUC customers except LP-5 and LP-6 (1,014,589) are increased by the two-meter customers in GS-3 (430) and LP-4 (198) classes to give 1,015,217 total meters for allocation purposes.

4. The per meter expense figure would then be $21,727 ÷ 1,015,217 = $21.401336 for all classes except LP-5, LP-6 and Resale with the two-meter GS-3 and LP-4 customers being assigned double expense.

PENNSYLVANIA POWER & LIGHT COMPANY

Customer Deposits Allocation Factor (CW5)
Late Payment Charge Allocation Factor (CW7)
Direct Assignment of Customer Advances for Construction (CW8)

Historic Period - Year Ended July 31, 1982
Future Period - Year Ending July 31, 1983
($1,000's)

Rate Class	Amount	CW5(1)	Amount	CW7(2)	CW8(3)
RS	$ 281,936	$ 282	$1,104,390	$1,104	$358
GS-1	791,047	791	693,767	694	72
GS-3	536,914	537	639,375	639	203
LP-4	62,450	62	186,772	187	11
LP-5	53,000	53	32,632	33	0
LP-6	0	0	28,384	28	27
GH	94,220	94	138,407	139	1
SL/AL	1,652	2	39,312	39	17
Total PUC	$1,821,219	$1,821	$2,863,039	$2,863	$689
RES66	0	0	40,130	40	0
RES12	0	0	35,475	36	0
UGI	0	0	0	0	0
Total	$1,821,219	$1,821	$2,938,644	$2,939	$689

(1) Per study of customer deposits by rate class for 12 months ended July 1982.

(2) Per study of late payment charges by rate class for 12 months ended July 1982.

(3) Per study of Account 252 (Customer Advances for Construction).

PENNSYLVANIA POWER & LIGHT COMPANY

Electric Plant in Service

Assignment of Line Transformer Customer Component (CW9)

Year Ended - December 31, 1981

Customer Component - Line Transformers

Rate Class	Customers(1)	Line Transformer Customers	Cust.Comp.(2) (CW9)
RS	888,029	888,029	$ 14,457,112
GS-1	99,499	99,499	1,619,844
GS-3	11,435	11,435	186,162
LP-4	666	0	--
LP-5	77	0	--
LP-6	29	0	--
GH	6,113	2,403(3)	39,121
SL/AL	706	706	11,494
Resale & UGI	16	0	--
Total Cust. Comp.	1,006,570	1,002,072	$ 16,313,733

(1) Number of customers at December 31, 1981.

(2) Based on $131,370,308, Account 368-Line Transformers (1981 Form 1, Page 203), divided by 8,067,000 KVA capacity in customer use (1981 Form 1, Page 427) = $16.28/KVA times 1 KVA per customer.

(3) Excludes GH-2 since their main services are included with other rate schedules (6,113 - 3,710 = 2,403).

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO ATLANTIC CITY SALES

		INPUT	ALLOC	OUTPUT	REFERENCE EX-HIBIT	PAGE NO.	TOT ELECTRIC DEPARTMENT	ATLANTIC CITY	NET ELECTRIC DEPARTMENT
1	WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES								
2	PRODUCTION - SUSQ								
3	DEMAND RELATED	KA900	A1X	KA901D	AJB3	A11	13,880	916	12,964
4	ENERGY RELATED	KA902	A1X	KA903E	AJB3	A11	10,629	702	9,927
5	PRODUCTION - OTHER								
6	DEMAND RELATED	KB900	A2X	KB901D	AJB3	A13	25,997	0	25,997
7	ENERGY RELATED	KB902	A2X	KB903E	AJB3	A13	21,113	0	21,113
8	TRANSMISSION	K904	P20	K905	REG	IIIA21	4,548	300	4,248
9	DISTRIBUTION	K906	P30	K907	REG	IIIA21	30,775	0	30,775
10	CUSTOMER ACCTS	K920	A3X	K921	REG	IIIA21	12,462	0	12,462
11	CUSTOMER SERV & INFO	K922	A3X	K923	REG	IIIA21	4,962	0	4,962
12	SALES	K924	A3X	K925	REG	IIIA21	818	0	818
13	SUB-TOTAL			K929			125,184	1,918	123,266
14	ADMIN & GENERAL	K930	K929	K931	REG	IIIA21	25,863	396	25,467
15	TOTAL			K939			151,047	2,314	148,733
16	WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
17	PRODUCTION-SUSQ	KA910	A1X	KA911	AJB3	A11	24,509	1,618	22,891
18	PRODUCTION-OTHER	KB910	A2X	KB911	AJB3	A13	47,110	0	47,110
19	TRANSMISSION	K904	P20	K905	REG	IIIA21	4,548	300	4,248
20	DISTRIBUTION	K906	P30	K907	REG	IIIA21	30,775	0	30,775
21	CUSTOMER ACCTS	K920	A3X	K921	REG	IIIA21	12,462	0	12,462
22	CUSTOMER SERV & INFO	K922	A3X	K923	REG	IIIA21	4,962	0	4,962
23	SALES	K924	A3X	K925	REG	IIIA21	818	0	818
24	TOTAL			K433			125,184	1,918	123,266

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

ASSIGNMENT TO FERC SYSTEM SUPPLY CUSTOMERS
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

					NET ELECTRIC DEPARTMENT	SYSTEM SUPPLY TRANSMISSION	SYSTEM SUPPLY PRIMARY	RESALE UGI	RESALE TOTAL	PENNA. JURISDICT
1	WAGES AND SALARIES ALLOCATOR FOR ADMIN & GEN EXP AND PAYROLL TAXES									
2	PRODUCTION - SUSQ									
3	DEMAND RELATED	KA900	P08	KA901D	12,964	220	93	229	542	12,422
4	ENERGY RELATED	KA902	U10	KA903E	9,927	152	72	130	354	9,573
5	PRODUCTION - OTHER									
6	DEMAND RELATED	KB900	P09	KB901D	25,997	442	185	461	1,088	24,909
7	ENERGY RELATED	KB902	U10	KB903E	21,113	323	153	277	753	20,360
8	TRANSMISSION	K904	P20	K905	4,248	72	30	76	178	4,070
9	DISTRIBUTION	K906	P30	K907	30,775	75	90	77	242	30,533
10	CUSTOMER ACCTS	K920	CW4	K921	12,462			0	1	12,461
11	CUSTOMER SERV & INFO	K922	C10	K923	4,962			0	0	4,962
12	SALES	K924	K401	K925	818			0	0	818
13	SUB-TOTAL			K929	123,266	1		1,250	3,158	120,108
14	ADMIN & GENERAL	K930	K929	K931	25,467			258	652	24,815
15	TOTAL			K939	148,733	1,549	753	1,508	3,810	144,923
16	WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT									
17	PRODUCTION-SUSQ	KA910	P08	KA911	22,891	389	163	406	958	21,933
18	PRODUCTION-OTHER	KB910	P09	KB911	47,110	800	336	835	1,971	45,139
19	TRANSMISSION	K904	P20	K905	4,248	72	30	76	178	4,070
20	DISTRIBUTION	K906	P30	K907	30,775	75	90	77	242	30,533
21	CUSTOMER ACCTS	K920	CW4	K921	12,462	0	1	0	1	12,461
22	CUSTOMER SERV & INFO	K922	C10	K923	4,962	0	0	0	0	4,962
23	SALES	K924	K401	K925	818	0	0	0	0	818
24	TOTAL			K433	123,266	1,336	620	1,394	3,350	119,916

SECTION B
Page 13

SECTION B
Page 13

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

FUTURE TEST YEAR

	INPUT	ALLOC	OUTPUT	TOTAL PENNA. JURISDICT	RS	GS-1	GS-3	LP-4
1 WAGES & SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES								
2 PRODUCTION SUSQ								
3 DEMAND COMPONENT	KA900	P08	KA901D	12,422	4,333	817	2,406	1,726
4 ENERGY COMPONENT	KA902	U10	KA903E	9,573	3,533	441	1,738	1,323
5 PRODUCTION OTHER								
6 DEMAND COMPONENT	KB900	P09	KB901D	24,909	8,689	1,638	4,824	3,462
7 ENERGY COMPONENT	KB902	U10	KB903E	20,360	7,514	939	3,695	2,814
8 TRANSMISSION	K904	P20	K905	4,070	1,420	267	789	565
9 DISTRIBUTION	K906	P30	K907	30,533	18,062	2,622	4,246	1,716
10 DEMAND COMPONENT			K907D	18,209	8,661	1,392	4,068	1,659
11 CUSTOMER COMPONENT			K907C	12,324	9,401	1,230	178	57
12 CUSTOMER ACCTS	K920	CW4	K921	12,461	10,991	1,223	152	11
13 CUSTOMER SERV & INFO	K922	C10	K923	4,962	4,381	487	59	3
14 SALES	K924	AT1D	K925	818	304	56	162	107
15 SUB TOTAL			K929	120,108	59,227	8,490	18,071	11,727
16 DEMAND COMPONENT			K929D	60,428	23,407	4,170	12,249	7,519
17 ENERGY COMPONENT			K929E	29,933	11,047	1,380	5,433	4,137
18 CUSTOMER COMPONENT			K929C	29,747	24,773	2,940	389	71
19 ADMIN & GENERAL	K930	K929	K931	24,815	12,237	1,754	3,733	2,423
20 DEMAND COMPONENT			K931D	12,485	4,836	862	2,530	1,554
21 ENERGY COMPONENT			K931E	6,184	2,282	286	1,122	855
22 CUSTOMER COMPONENT			K931C	6,146	5,118	606	80	15
23 TOTAL			K939	144,923	71,464	10,244	21,804	14,150
24 DEMAND COMPONENT			K939D	72,913	28,243	5,032	14,779	9,073
25 ENERGY COMPONENT			K939E	36,117	13,329	1,666	6,555	4,992
26 CUSTOMER COMPONENT			K939C	35,893	29,891	3,548	469	86
27 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT								
28 PRODUCTION-SUSQ	KA910	P08	KA911	21,933	7,651	1,442	4,248	3,048
29 PRODUCTION-OTHER	KB910	P09	KB911	45,139	15,746	2,968	8,743	6,273
30 TRANSMISSION	K904	P20	K905	4,070	1,420	267	789	565
31 DISTRIBUTION	K906	P30	K907	30,533	18,062	2,622	4,246	1,716
32 DEMAND COMPONENT			K907D	18,209	8,661	1,392	4,068	1,659
33 CUSTOMER COMPONENT			K907C	12,324	9,401	1,230	178	57
34 CUSTOMER ACCTS	K920	CW4	K921	12,461	10,991	1,223	152	11
35 CUSTOMER SERV & INFO	K922	C10	K923	4,962	4,381	487	59	3
36 SALES	K924	AT1D	K925	818	304	56	162	107
37 TOTAL			K433	119,916	58,555	9,065	18,399	11,723
38 DEMAND COMPONENT			K433D	90,169	33,782	6,125	18,010	11,652
39 CUSTOMER COMPONENT			K433C	29,747	24,773	2,940	389	71

PENNSYLVANIA POWER & LIGHT COMPANY
COST ALLOCATION - YEAR ENDED JULY 31, 1983
DEVELOPMENT OF WAGES AND SALARIES ALLOCATORS
$1,000

FUTURE TEST YEAR

JURISDICTIONAL COST ALLOCATION
CAPACITY ALLOCATION METHOD-MONTHLY PEAK RESPONSIBILITY

	INPUT	ALLOC	OUTPUT	LP-5	LP-6	GH	STREET AND AREA LIGHTING
1 WAGES & SALARIES ALLOCATOR FOR ADMIN & GEN EXP & PAYROLL TAXES							
2 PRODUCTION SUSQ							
3 DEMAND COMPONENT	KA900	P08	KA901D	651	1,621	868	0
4 ENERGY COMPONENT	KA902	U10	KA903E	478	1,499	500	61
5 PRODUCTION OTHER							
6 DEMAND COMPONENT	KB900	P09	KB901D	1,305	3,251	1,740	0
7 ENERGY COMPONENT	KB902	U10	KB903E	1,018	3,186	1,065	129
8 TRANSMISSION	K904	P20	K905	214	531	284	0
9 DISTRIBUTION	K906	P30	K907	231	551	1,674	1,431
10 DEMAND COMPONENT			K907D	220	546	1,605	58
11 CUSTOMER COMPONENT			K907C	11	5	69	1,373
12 CUSTOMER ACCTS	K920	CW4	K921	4	1	70	9
13 CUSTOMER SERV & INFO	K922	C10	K923	0	1	27	4
14 SALES	K924	AT1D	K925	37	92	60	0
15 SUB TOTAL			K929	3,938	10,733	6,288	1,634
16 DEMAND COMPONENT			K929D	2,427	6,041	4,557	58
17 ENERGY COMPONENT			K929E	1,496	4,685	1,565	190
18 CUSTOMER COMPONENT			K929C	15	7	166	1,386
19 ADMIN & GENERAL	K930	K929	K931	814	2,217	1,299	338
20 DEMAND COMPONENT			K931D	501	1,248	941	13
21 ENERGY COMPONENT			K931E	309	968	323	39
22 CUSTOMER COMPONENT			K931C	3	1	35	286
23 TOTAL			K939	4,752	12,950	7,587	1,972
24 DEMAND COMPONENT			K939D	2,928	7,289	5,499	70
25 ENERGY COMPONENT			K939E	1,805	5,653	1,888	229
26 CUSTOMER COMPONENT			K939C	18	9	199	1,673
27 WAGES AND SALARIES ALLOCATOR FOR GENERAL PLANT							
28 PRODUCTION-SUSQ	KA910	P08	KA911	1,150	2,862	1,532	0
29 PRODUCTION-OTHER	KB910	P09	KB911	2,365	5,890	3,154	0
30 TRANSMISSION	K904	P20	K905	214	531	284	0
31 DISTRIBUTION	K906	P30	K907	231	551	1,674	1,431
32 DEMAND COMPONENT			K907D	220	546	1,605	58
33 CUSTOMER COMPONENT			K907C	11	5	69	1,373
34 CUSTOMER ACCTS	K920	CW4	K921	4	1	70	9
35 CUSTOMER SERV & INFO	K922	C10	K923	0	1	27	4
36 SALES	K924	AT1D	K925	37	92	60	0
37 TOTAL			K433	4,001	9,928	6,801	1,444
38 DEMAND COMPONENT			K433D	3,986	9,921	6,635	58
39 CUSTOMER COMPONENT			K433C	15	7	166	1,386

PENNSYLVANIA POWER & LIGHT COMPANY

Determination of Energy Allocation Factors

Future Period - Year Ending July 31, 1983

Rate Class	Forecasted Sales MWH(1)	Annualization Adjustment MWH(2)	(U15) Annualized Sales Customer Level MWH	Loss Factors (Page 17)	(U10) Generation Level MWH
RS	8,187,000	55,374	8,242,374	1.094484	9,021,146
GS-1	1,033,800	(4,600)	1,029,200	1.099484	1,126,443
GS-3	4,002,200 (3)	50,722	4,052,922	1.094484	4,435,858
LP-4	3,155,000	22,854	3,177,854	1.062989	3,378,024
LP-5	1,185,000	(28)	1,184,972	1.031495	1,222,293
LP-6	3,533,350	175,090	3,708,440	1.031495	3,825,237
GH	1,140,000	28,149	1,168,149 (4)	1.094484	1,277,954
SL/AL	140,000	1,985	141,985	1.094484	155,400
Total PUC	22,376,350	329,546	22,705,896		24,442,355
RES 66	375,750	--	375,750	1.031495	387,584
RES 12	172,577	--	172,577	1.062989	183,447
UGI	333,245	--	333,245	--	333,245
Total Sales	23,257,922	329,546	23,587,468		25,346,631
COUSE	205,000	--	205,000	1.094484	224,369
Total Energy	23,462,922	329,546	23,792,468		25,571,000

(1) From Exhibit Future 1, D-3.
(2) From Exhibit Regs. III-D-8.
(3) Includes 2,200 MWH INTDP Sales.
(4) Includes 18,000 MWH from H4P primary level customers for which a loss factor of 1.062989 is applied.

PENNSYLVANIA POWER & LIGHT COMPANY

CALCULATION OF ENERGY LOSS FACTORS BY VOLTAGE LEVELS

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

	TOTAL	SECONDARY	12 KV	66 KV	UGI
1.) SALES INCLUDING COMPANY USE (KWH)	23,792,468,000	14,821,631,000	3,368,431,000	5,269,161,000	333,245,000
2.) WEIGHTING		3	2	1	
3.) LINE 1 X LINE 2	56,470,916,000	44,464,893,000	6,736,862,000	5,269,161,000	
4.) % OF TOTAL	100.000	78.739	11.930	9.331	
5.) KWH LOSSES (DISTRIBUTED ON LINE 4 %'S)	1,778,532,000	1,400,406,451	212,175,142	165,950,406	
6.) TOTAL NET SYSTEM OUTPUT (KWH)	25,571,000,000	16,222,037,451	3,580,606,142	5,435,111,406	333,245,000
7.) LOSS FACTORS (LINE 6 / LINE 1)	1.074752	1.094484	1.062989	1.031495	

NOTE: WITHOUT ATLANTIC CITY ELECTRIC TO WHICH 0 LOSSES ARE ATTRIBUTED. REFERENCE III-D-7, PAGE 2.
TOTAL LOSSES FROM SECTION B, PAGE 18.

PENNSYLVANIA POWER & LIGHT COMPANY

DISPOSITION OF ENERGY

FUTURE PERIOD - YEAR ENDING JULY 31, 1983

DISPOSITION OF ENERGY	(1) FORECASTED 1/ (MWH)	(2) ANNUALIZATION ADJUSTMENTS (MWH)	(3) ANNUALIZED (1) + (2) (MWH)	(4) ANNUALIZED LESS ACE (MWH)
SALES TO ULTIMATE CONSUMERS (INCLUDING INTDP)	22,376,350	329,546 2/	22,705,896	22,705,896
SALES FOR RESALE	881,572	0	881,572	881,572
SALES TO ATLANTIC CITY ELECTRIC (ACE)	74,000	282,000 3/	356,000	0
TOTAL RESALE	955,572	282,000	1,237,572	881,572
TOTAL SALES (EXCLUDING COUSE)	23,331,922	611,546	23,943,468	23,587,468
ENERGY USED BY COMPANY	205,000	0	205,000	205,000
TOTAL SALES INCLUDING COUSE	23,536,922	611,546	24,148,468	23,792,468
ENERGY LOSSES	1,748,078			1,778,532 4/
TOTAL SYSTEM NET OUTPUT	25,285,000			25,571,000

1/ FROM EXHIBIT REGS III-D-7.

2/ FROM EXHIBIT REGS III-D-8.

3/ ANNUALIZATION ADJUSTMENT FOR ATLANTIC CITY ELECTRIC (ACE).

4/ ANNUALIZED ENERGY LOSSES DETERMINED BY RATIO OF ANNUALIZED TO UNANNUALIZED SALES, ADJUSTED FOR UGI AND COMPANY RELATED ENERGY USE.

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Allocation Factors - MW

Monthly Peak Responsibility Method

Future Period - Year Ending July 31, 1983

Rate Class	Avg. of 12 Contributions to Peak D10	Primary D20	Class Maximum Peak	Secondary D30	Secondary Services D31
RS	1,358	1,358	2,386	2,386	2,386
GS-1	256	256	322	322	322
GS-3	754	754	931	931	931
LP-4	541	541	632	0	0
LP-5	204	0	234	0	0
LP-6	508	0	653	0	0
GH	272	272	409	409	409
SL/AL	0	0	34	34	0
Total PUC	3,893	3,181		4,082	4,048
RES66	69	0		0	0
RES12	29	29		0	0
UGI	72	0		0	0
Total	4,063	3,210		4,082	4,048

NOTE: All of above at generation level. For description of the development of these data, see Section B, Page 22.

PENNSYLVANIA POWER & LIGHT COMPANY

Production, Transmission and Primary Demand Allocation Factors - MW

Methods Other Than Monthly Peak Responsibility

Future Period - Year Ending July 31, 1983

Rate Class	Summer Coincident Peak Responsibility Method		Winter Coincident Peak Responsibility Method		Non-Coincident Peak Method		Average & Excess (1) Demand Method		Average 2) Demand Method	
	D10	D20	D10	D20	D10	D20	D10	D20	D10	D20
RS	1,092	1,092	2,057	2,057	2,386	2,386	1,561	1,561	1,030	1,030
GS-1	294	294	295	295	322	322	205	205	129	129
GS-3	868	868	763	763	931	931	673	673	506	506
LP-4	614	614	520	520	632	632	482	482	386	386
LP-5	226	0	191	0	234	0	177	0	140	0
LP-6	483	0	457	0	653	0	522	0	437	0
GH	220	220	405	405	409	409	249	249	146	146
SL/AL	0	0	0	0	34	34	24	24	18	18
Total PUC	3,797	3,088	4,688	4,040	5,601	4,714	3,893	3,194	2,792	2,215

Note: For description of the development of these data, see Section B, page 22.
(1) From Section B, Page 21 (Columns 6 and 7).
(2) From Section B, Page 21 (Column 2).

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Allocation Factors - MW
Average and Excess Over Monthly Peak Responsibility Method

Future Period - Year Ending July 31, 1983

Rate Class	(Col.1) Annual Energy U10 MWH (1)	(Col.2) Average Annual Demand (2)	(Col.3) Class Maximum Demands (3)	(Col.4) Class Excess (Col.3)-(Col.2)	(Col.5) Adj.Class Excess (4)	(Col.6) Average & Excess (Col.2)+(Col.5) D10	(Col.7) Primary D20
RS	9,021,146	1,030	2,386	1,356	531	1,561	1,561
GS-1	1,126,443	129	322	193	76	205	205
GS-3	4,435,858	506	931	425	167	673	673
LP-4	3,378,024	386	632	246	96	482	482
LP-5	1,222,293	140	234	94	37	177	0
LP-6	3,825,237	437	653	216	85	522	0
GH	1,277,954	146	409	263	103	249	249
SL/AL	155,400	18	34	16	6	24	24
Total PUC	24,442,355	2,792	5,601	2,809	1,101	3,893 (5)	3,194

Notes:
(1) Column 1 from Section B, Page 16.
(2) Column 2 = Column 1 ÷ 8,760 Hrs./Yr.
(3) Column 3 from Section B, page 19.
(4) Column 5 (Adjusted Class Excess) = $\frac{(1101)}{(2809)}$ x Column 4

Where System Excess (1101) = 3893 - 2792 and Total Class Excess = 2809.
(5) Section B, page 19.

PENNSYLVANIA POWER & LIGHT COMPANY

Demand Development

Future Period - Year Ending July 31, 1983

The 12 month average class demand contributions to system peak used in these studies were developed as follows: In order to estimate average monthly demand contributions for the Future Test Year, a relationship between average monthly class demand contributions to system peak and energy sales data over time was developed.

For this development, actual monthly rate class demand contributions to system peak — from January 1979 to March 1982 inclusive — served as the historical load research data base. These historical loads were all adjustd to the generation level using annual energy loss factors. The estimated future loads are also at the generation level.

Average monthly class demand contributions to system peaks were regressed against average billing month sales and a time index as the independent variables. The coefficient of determination (R^{-2}) measuring the proportion of variance in the dependent variable, explained by the independent variables, was found to be quite high. The T statistics which depict the significance of each independent variable in predicting the dependent variable were also in the statistically desirable range.

Solving equations of average monthly class demand contribution to peak as a function of sales and time produced the estimates shown on Section B, Page 19. These estimates were used as demand allocation factors in the Monthly Peak Responsibility Method.

The results of using several other demand allocation methods are shown in Section VI including Summer Coincident Peak Responsibility Method, Winter Coincident Peak Responsibility Method, and Non-Coincident Peak Method. To provide demand allocation factors for the coincident peak methods, an array of individual monthly rate class contributions to monthly system peak was developed by multiplying the derived 12 month average rate class contributions by 12 and subtracting the previous 11 individual monthly rate class demands from it. The individual demands for the summer and winter peak days were extracted from the array and are shown on Section B, Page 20.

A similar array of monthly class maximum demands was constructed to provide demand allocation factors for the Non-Coincident Peak Method, which was based on historical rate class relationships between monthly class maximum demands and monthly contributions to peak and are shown on Section B, Page 19.

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Pennsylvania Power & Light Company

Exhibit AJB 4

"Digest of Proposed Changes Requested in Supplement No. 2 to Electric Tariff No. 199"

Witness: Andrew J. Baldwin

Docket No. R-822169

HDA 1/25/83 E. Halbert

DOCUMENT FOLDER

DOCKETED
JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

DIGEST

OF PROPOSED CHANGES REQUESTED

IN SUPPLEMENT NO. 2

TO ELECTRIC TARIFF NO. 199

Rates
November 22, 1982

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PENNSYLVANIA POWER & LIGHT COMPANY

Introduction

On November 22, 1982, PP&L will file for a rate increase with the Pennsylvania Public Utility Commission. The purpose of this filing is to reflect the net effect of placing Susquehanna Unit 1 in service and to recover other increases in the cost of providing service which have occurred since our last base rate increase (January, 1982). The annual revenue increase will be 19.4% when related to present customer charges. It will amount to approximately $315 million or about 25% based on conditions in the future test year ending July 31, 1983.

The purpose of this digest is to review the rate increase process; a modification of that process granted to PP&L by the PUC in order to deal with the unit's in-service date; the many cost considerations; and the various detailed rate aspects of the filing.

The Rate Increase Process

A utility must prepare and file with the PUC data necessary to support any request for additional revenues. Under present requirements, the need for increased revenues must be supported by financial and operating information based on a recent past 12-month period (historic period), and projections of a future 12-month period if the utility so elects. In addition, if the case involves an increase of more than $1 million, responses to over 180 regulations, numerous exhibits, and testimony of various witnesses are required.

PUC rules require that all of the supporting data must be prepared and the case filed no later than 120 days from the end of the historic test year period. Of course, a utility may file its case in less than 120 days.

As a general rule, proposed rates cannot become effective until 60 days after the new tariffs and supporting data are filed with the PUC. This period allows the PUC time to study the filing and customers time to file complaints against the proposed rates.

If the PUC doesn't approve the new rates at the end of 60 days, the proposed rate increase will automatically be suspended for up to seven more months. This additional time enables the Commission to thoroughly investigate the request and provide for public hearings before an Administrative Law Judge — who presides over and controls the course of the hearings.

During the hearings, the utility has the burden of proving that the proposed increase is reasonable. The Commission Staff, complainants and the Office of Consumer Advocate —whose function is to represent the interests of consumers (usually residential) in rate proceedings before the PUC — may challenge the utility on the reasonableness of its rate request.

At the conclusion of the hearings, the Administrative Law Judge reviews all of the evidence on record and submits a recommended decision to the Commissioners for their approval, disapproval, or modification.

If the Commission does not reach a decision at the end of the seven-month suspension period, the rates originally proposed by the utility go into effect — nine months after the filing date — subject to refund if the Commission ultimately determines that the rates as filed are too high.

Impact of PP&L's "Window" Petition on the Process

On July 1, 1982, the PUC granted in most part a petition filed by the Company in May to modify the process for securing rate recognition of new power plants such as Susquehanna. Without such a change, the Company would have been required to precisely predict the commercial operation date of Unit 1 and coordinate the process for securing rate recognition of the plant with that date.

In granting the Company's petition, the Commission recognized that synchronization of a rate filing with commercial operation of a new power plant is "sheer happenstance" and that "...innovative solutions beyond those provided by traditional ratemaking procedures are clearly required...especially...where as here the estimated investment in Unit 1...will approximately double PP&L's rate base."

The Commission's action provides a "window in time" in which Susquehanna can begin commercial operation without the risk to the Company of severe financial penalty. PP&L will be permitted to account for Unit 1 costs on a deferred basis from the beginning of commercial operation (projected to be May 15, 1983) until the PUC decision date of August 22, 1983. The method and timing of collection of these deferred costs will be determined during the rate case proceedings.

If commercial operation of Unit 1 is later than the test year upon which the increase is based, non-Susquehanna related rates will become effective at the end of the case. Unit 1 related rates will become effective 15 days after the plant begins commercial operation.

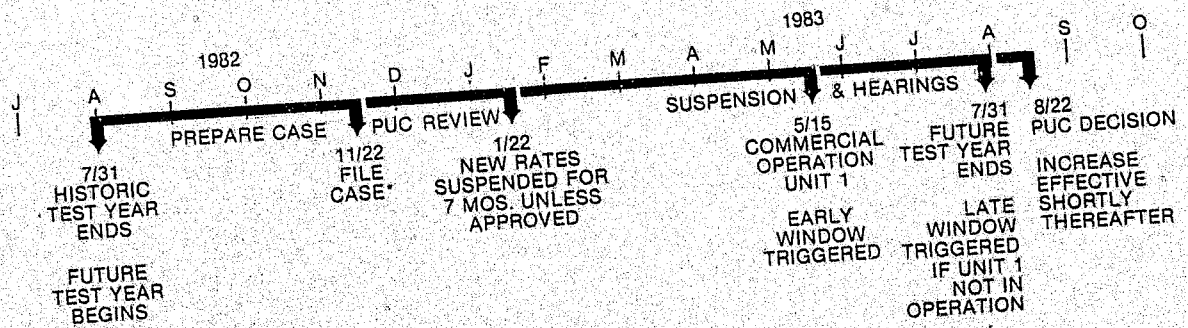
The PUC also permitted PP&L to revise its energy clause (ECR) to provide that the lower energy charges made possible by the operation of Unit 1 will not be passed through to customers until Unit 1 is reflected in base rates. The method and timing of the disposition of these savings will also be determined during the case.

On August 26, 1982, the Consumer Advocate's Office appealed the PUC's decision to Commonwealth Court. The primary thrust of the appeal concerns the late window aspect of the PUC's order. The Company believes that the Advocate's concerns are unfounded and are negotiating with his staff in an effort to resolve this matter amicably.

A review of the PUC's order discloses that, on balance, there is a good chance of it being affirmed by the Commonwealth Court. However, if the Court agrees with the Advocate and reverses the late window portion of the order — and Unit 1 is not in commercial operation by July 31, 1983 — the Company could be faced with the possibility of receiving increased rates in August, 1983, related only to other increases in the cost of providing electric service (excluding Susquehanna).

The following chart shows the dates of the significant events in this rate case.

PUC Rate Case



*PROJECTED FILING DATE.
LAST POSSIBLE FILING DATE NOV. 29.

Amount and Elements of Increase

Following is a breakdown of PP&L's proposed rate increase by components:

Highlights of Request for Increased Rates

($ in Millions)

	Amount
Applicable to Susquehanna	
Capital Related	
Return	$183
Income Taxes & Depreciaton	111
Operating Related	87
Decrease in Energy Costs	(186)
Net Susquehanna	195*
Applicable to Other Conditions	101
Tax Surcharge	19
Total Increase	$315

* The net increase applicable to Susquehanna is about two-thirds of the total increase request of $315 million.

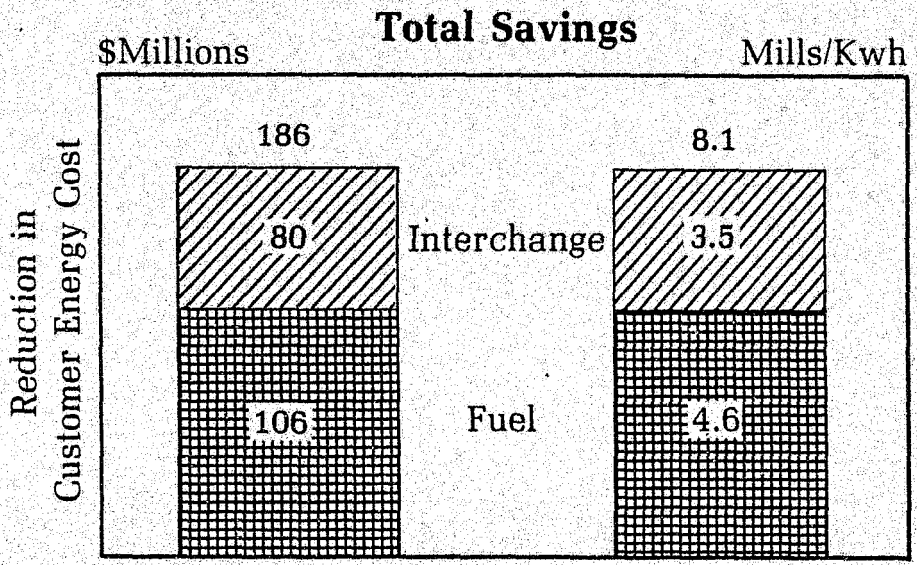
Note: All of the above figures may not agree exactly with data in the filing due to last moment reviews and changes.

The return ($183 million) represents the financing costs to be recovered from customers and is based on the amount of rate base ($1,445 million; primarily plant being placed in service allocated to PUC customers) times the composite cost of capital expressed as a percentage (12.63%).

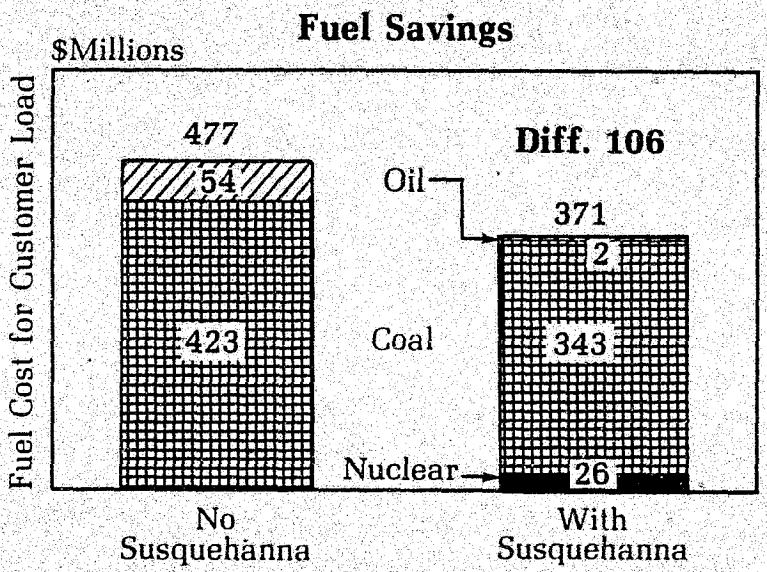
The composite cost of capital was derived as follows:

	Capitalization		Embedded Cost		Composite Cost
Long-Term Debt	48.4%	X	11.25%	=	5.44%
Preferred & Preference	16.3	X	9.43	=	1.54
Common Equity	35.3	X	16.00	=	5.65
Total	100.0%				12.63%

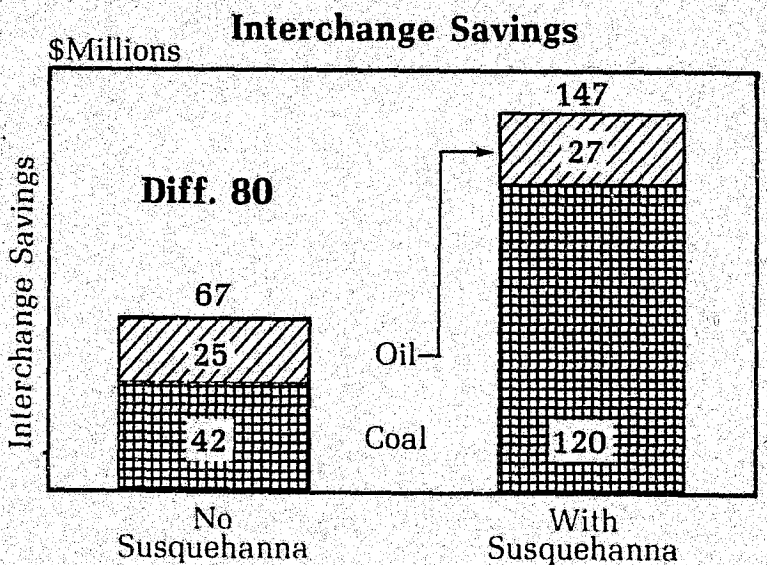
The total reduction in customer energy costs ($186 million) is comprised of two components: fuel cost savings due to using lower cost fuel ($106 million) and interchange savings due to more interchange sales ($80 million). This is shown in the following charts.



Fuel savings occur as fossil generation is displaced by lower cost nuclear generation.



Additional interchange savings occur as fossil generation no longer is required to serve PP&L customer load and, under economic dispatch, is delivered to other PJM utilities as interchange sales.



The portion, "Applicable to Other Conditions," is that portion of the increase associated with plant other than Susquehanna. This amount ($101 million) recovers other increases in the cost of providing electric service which have occurred since PP&L's last base rate increase.

The Use Of Cost Allocation

As in previous cases, PP&L has again prepared cost allocation studies for both the historic and future test periods designed to establish the rate of return for each rate class and the relationship of those returns to that of the system at both present and proposed rate levels. Highlighted results from preliminary studies for the future test period are shown below.

Relationship of Class Return to System

Rate Class	With Present Rates I With Susquehanna	With Proposed Rates II Ratio	All Classes At System Rate III Percent Increase
Residential	90.0	92.5	31.0
Small Gen. Serv.	113.1	110.1	17.7
Large Gen. Serv.	117.8	113.8	14.8
Service at 12 KV	103.9	102.8	23.0
Service at 66 KV (LP-5)	95.8	94.9	28.7
Service at 66 KV (LP-6)	104.4	105.7	20.9
Comm. Heating	79.5	80.5	46.8
St. Lighting	153.0	145.5	(2.6)
Total Retail	100.0	100.0	25.1

The figures in the first two columns show the relative rates of return by rate classes with the system rate set at an index of 100.0. Considering Susquehanna Unit 1 costs and effects, the positions shown in Column I are created.

With the unit in service and a 25% overall rate increase, it would be necessary to increase each class by the amount shown in Column III in order for each class to have the same return as system average.

Rather than attempt to deal with varying percentage changes, particularly of the magnitude shown in Column III, it was concluded that a generally uniform assignment of the 25% to each class would be proposed. Comparing Column II, which is the relative rate of return by rate classes after the application of a 25% increase to each class, it can be noted that, except for minor deviations, nearly all classes progress toward the unity position.

The application of this method creates percentage increases to rate classes, and indeed to the great majority of individual bills, that are within ±2% of the system average of 25%.

Computing The Percentage Effect

One of the integral parts of the rate case preparation is the development of the revenues for the test year, 12 months ending July 31, 1983, without Susquehanna Unit 1. This is part of the foundation for the revenue claim as it represents the "pro forma" revenue starting position upon which the increase is based. This is done by forecasting sales for the period and pricing those sales under the present tariff. Present base rates and tax surcharge were applied to the sales. The energy cost, also forecasted for the period, was assumed to be collected in part through the ECR. The revenues so derived are shown in the following table in Column I — a total of $1,259,718,000.

Applying the proposed 25% increase to this total raises the total annual revenue to $1,574,945,000 — the amount that the proposed tariff would be designed to meet.

Revenue Estimate for Future Test Year

(12 months ending July 31, 1983)

$(000's)

	I Without Susquehanna	II Current Level Of Charges
Base Rate	$ 1,099,680	$1,099,680
ECR	86,600	145,817
Tax Surcharge	73,438	73,438
Total (Present Tariff)	$ 1,259,718	$1,318,935
Proposed Increase	X 1.25	
Total (Proposed Tariff)	$ 1,574,945	$1,574,945
Increase Over Current Levels		19.4%

Charges that prevail at the time of filing (Column II) are higher than those estimated for the test period on which the case will be tried. The difference between the pro forma estimate of revenues for the period and current charges lies in the ECR applicable. Therefore, the increase when related to current levels is less than 25% — it is 19.4%.

This matter is noted here to emphasize the communications problem it may cause. Customers presumably are familiar with their current bills and are interested in knowing how PP&L's rate proposal will affect them. This is, on average, 19.4% — but in the rate case filing 25% will be the working figure.

The Energy Cost Rate

The difference between revenue increases when compared to test period revenues and current customer charges lies in the ECR applied. The various ECR levels of particular relevance are shown below.

Recovery of Energy Costs
Mills per KWH

Present Conditions (for the year 1982)

	Energy Cost Rate		
		Previous	
In Base Rates	Energy Cost	Underrecovery	Total
14.115	2.351	4.071	6.422

Test Period Conditions (12 months ending July 31, 1983)

Without Susquehanna:

	Energy Cost Rate		
		Previous	
In Base Rates	Energy Cost	Underrecovery	Total
14.115	3.814	0	3.814

With Susquehanna:

	Energy Cost Rate		
		Previous	
In Base Rates	Energy Cost	Underrecovery	Total
9.683	0	0	0

Under present rate levels, 1982 energy costs are being recovered by 14.115 mills per KWH in base rates and 2.351 mills in the ECR. The remaining 4.071 mills of the ECR are collecting underrecovered energy costs as defined in 1981.

For rate case purposes, only costs applicable to the test period are considered. Two energy cost forecasts were made for the future test year ending July 31, 1983. One condition assumed the Susquehanna unit did not exist. Under that condition it was assumed that the Company would have continued to recover the energy cost through 14.115 mills per KWH in base rates and 3.814 mills in the ECR. This assumption produces lower "present" revenues than those currently being charged and, as a consequence, the higher 25% increase.

The second energy cost forecast for the future test year was based on the assumption that the Susquehanna unit would be in service for the entire period. This resulted in a unit energy cost of 9.683 mills per KWH. This quantity is proposed to be the base of the Energy Cost Rate in this filing. Since the energy cost expected to be experienced and the base cost condition of the ECR are equal, no collections under the ECR are assumed during the test year under proposed rates.

Summary

The Tabulation of Revenue Effects located near the end of this digest shows the effect of the rate increase proposal by rate schedules. The first seven columns contain forecasted sales and revenue data for a future test year ending July 31, 1983. Column 4 is projected rate revenue with the current rate level in effect for the full year. Column 5 (Tax Surcharge), and Column 6 (Energy Adjustment) are stated to conform with the forecasted amounts for these items.

Columns 8 through 13 contain the calculated effect of the rate increase. Column 13 gives the overall percentage effects.

The Tax Surcharge under proposed rates was estimated to be 6.30%. Note that the application of the Tax Surcharge accounts for $19.2 million of the increase.

II. GENERAL

Supplement No. 2 to Electric Tariff No. 199 issued November 22, 1982 and proposed to become effective January 22, 1983 results in an overall average increase of 25.02% and is expected to produce $315.2 million of additional annual revenue under future test year conditions. This request reflects the net effect of placing Susquehanna Unit #1 in service and recovers other increases in the cost of providing electric service which have occurred since PP&L's last base rate increase (January, 1982). The effect of these increases by rate schedule is shown on the Tabulation of Revenue Effects located near the end of this digest. An explanation of the changes proposed in each rate schedule is included in Part III of this digest.

The individual percentage increase for each rate as shown throughout this digest is based on future test year conditions and include the effect of forecasted energy adjustment and Tax Adjustment Surcharge revenues. Changes in Tax Adjustment Surcharge are discussed in Part IV.

All customers will be notified of the rate increase by special bill inserts starting with bills rendered on November 22, 1982. The inserts sent to all customers are attached as Appendix A. If a customer desires additional information about the rate increase, the customer may check an appropriate block on the electric bill. PP&L will then send a folder called "Consumer's Guide to Utility Rate Cases" (See Appendix B) and a pamphlet called "Some Straight Talk About PP&L's Request for Higher Rates" (to be made available in December) to the customer. A separate letter is also being mailed to all large power customers. A statement will be included with the letter demonstrating the effect of the proposed rates on the customer's use for a recent 12-month period. A copy of this letter is attached as Appendix C.

III. SUPPLEMENT NO. 2 TO ELECTRIC TARIFF NO. 199

This supplement, issued November 22, 1982 and proposed to become effective January 22, 1983, will result in a decrease to the RTS rate class and increases to all other classes of customers. The estimated amount of the proposed increase based on future test year conditions, with and without Susquehanna, including the effect of the estimated Tax Adjustment Surcharge, is $315.2 million per year.

A. Rule Changes

A new Tariff Rule 9F is proposed whereby the Company may institute a trended billing procedure for customers on the Budget Billing Program following a PUC approved rate change. Refer to Appendix E for an explanation. Former Tariff Rule 9F (Returned Check Charge) will become Tariff Rule 9G.

B. Energy Cost Rate

We are proposing to decrease the base energy cost from 14.115 mills per KWH to 9.683 mills per KWH reflecting a net decrease in energy costs.

C. Rate Summaries

The monthly rates labeled "Present" are base rates only. An ECR of 6.422 mills/KWH and Tax Surcharge of 6.75% must be applied to derive the total current monthly charge. The proposed ECR at the time the new rates would become effective is zero mills/KWH. The estimated Tax Surcharge is 6.30% and must be applied to "Proposed" base rates to derive the total proposed monthly charge.

A comparison of the short expressions of the present and proposed rate schedules follows. As previously mentioned, all percentage increases are based upon future test year conditions and not the current customer charges.

Residential

Rate Schedule RS

The proposed increase under this rate schedule, applicable to the general residential service throughout the Company's territory, will result in higher charges for all customers served hereunder. The total revenue effect of the proposed rate is an estimated increase of $124,393,427 per year or 24.91% of the $499,371,446 revenue received under the present rate as forecasted.

The following comparison shows the short expressions of the present and proposed monthly rates.

Present	Proposed
$3.77 per month plus 6.1028¢/KWH first 200 KWH 4.4028¢/KWH all additional KWH	$4.75 per month plus 8.0¢/KWH first 200 KWH 6.0¢/KWH all additional KWH

Highlights of the major proposed changes are as follows:

a. The minimum monthly charge is increased to $4.75.

b. For Separate Water Heating Service customers, we are proposing to:

- increase the rate from $4.50 per month plus 2.1028 cents per KWH for all KWH use to $4.50 per month plus 2.8 cents per KWH. The proposed monthly minimum remains at $4.50,
- eliminate the 80 gallon minimum tank size,
- require that the customer provide and install any control device specified by Company, and

- allow the customer to select any consecutive 12 hours, starting and ending on the hour, between 7 PM and 9 AM local time, Mondays to Fridays and all day Saturdays and Sundays, when the water heating service would be available.

Refer to attached Appendix D for a comparison of bills under the present and the proposed rate for monthly usage of 200 KWH to 6000 KWH.

Rate Schedule RTD (Formerly [RX(R)])

This rate schedule is for single phase residential service metered and billed to recognize time-of-day use.

Present [RX(R)]	Proposed
$11.00 per month plus	$11.00 per month plus 4.25 per KW for all Billing KW in excess of 7 KW
6.8028¢ per KWH on-peak	11.1¢ per KWH on-peak
2.5028¢ per KWH off-peak	2.8¢ per KWH off-peak

Highlights of the major proposed changes are as follows:

a. Elimination of the experimental nature of the existing RX(R) rate.

b. Addition of a demand provision to the Net Monthly Rate. Existing RX(R) customers will be exempt from the demand charge for the duration of the 24 month study period ending May 1, 1984. The exemption applies because we are still within the 24 month study period.

c. Changing the application provisions so as to exclude farm use.

d. Allowing the customer to select any consecutive 12 hours, starting and ending on the hour, between 7 AM and 9 PM local time, Mondays to Fridays inclusive, as the on-peak period for billing purposes.

e. The on-peak period will exclude the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The proposed new rate will result in increases to all customers supplied under this rate schedule. The total revenue effect of this proposed new rate schedule is an estimated increase of $26,984 per year or 26.37% of the $102,323 total forecasted revenue received under the present rate schedule.

Rate Schedule RTS

Rate Schedule RTS is a time-of-day residential service rate with load management capability. The rate has been designed so as to offer significant financial incentive to those customers choosing to install electric space and water heating with thermal storage capability.

Present	Proposed
$11.00 per month plus 2.85 per KW of on-peak Billing KW	$11.00 per month plus 4.25 per KW of on-peak Billing KW
2.5028¢ per KWH for all KWH	2.8¢ per KWH for all KWH

Highlights of the major proposed changes are as follows:

a. Changing the application provision to allow the operation of any thermal storage system for space heating or water heating which is acceptable to the Company as being effective in limiting on-peak use of electric service.

b. Changing Item 5 of the Application Provisions to indicate the Company reserves the right to control the operation of the electric components of any thermal storage system.

c. Allowing the customer to select any consecutive 12 hours, starting and ending on the hour, between 7 AM and 9 PM local time, Mondays to Fridays inclusive, as the on-peak period for billing purposes.

d. The on-peak period will exclude the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

The proposed new rate results in a decrease to all customers supplied under this rate schedule. The total revenue effect of this proposed new rate is an estimated decrease of $119 per year or 0.43% of the $27,635 total forecasted revenue received under the present rate schedule.

Small General Service

Rate Schedule GS-1

This rate schedule is for small general service at secondary voltage or at a higher voltage at the option of the customer. The following comparison shows the short expression of the present and proposed rate schedules:

Present	Proposed
$5.00 includes 4 KW 1.27 per KW all additional KW	$6.50 per month plus 1.70 per KW for all Billing KW in excess of 4 KW
7.0028¢ per KWH first 150 KWH/KW 5.0028¢ per KWH all additional KWH	9.2¢ per KWH first 150 KWH/KW 6.7¢ per KWH all additional KWH

The proposed new GS-1 rate results in an increase averaging 25.40% to all customers supplied under this rate schedule. The total revenue effect of the proposed rate is an estimated increase of $22,209,035 per year over the $87,437,145 revenue received under the present GS-1 rate schedule as forecasted.

Rate Schedule TS(R)

This rate schedule is for traffic signal lighting service to cities, boroughs and townships. Its application is limited to existing locations being continuously supplied hereunder as of August 26, 1976.

The net monthly rate for service under Rate Schedule TS(R) is proposed to be increased from 5.61¢ to 7.3¢ per watt of connected load. The total revenue effect of this increase on all customers served under this rate is estimated at $10,841 per year or 23.82% of the $45,513 total forecasted revenue received under the present rate.

The minimum charge is increased from $2.81 to $3.65.

Large General Service

Rate Schedules GS-3, LP-4, LP-5 and LP-6

All customers supplied under these large general service rate schedules will receive increases totaling an estimated $143,113,519 per year. The proposed percentage increases average 25.32% for GS-3, 25.40% for LP-4, 24.76% for LP-5 and 25.57% for LP-6.

The proposed charges under these rate schedules are increased as shown in the following comparisons of the present and proposed monthly rate schedules.

GS-3 Secondary Voltage Supply - 25 KW Minimum

Present	Proposed
$5.60 per KW first 125 KW 3.71 per KW all additional KW	$7.10 per KW first 125 KW 4.70 per KW all additional KW
3.8028¢ per KWH first 150 KWH/KW 3.4028¢ per KWH next 100 KWH/KW 3.0028¢ per KWH all additional KWH	5.3¢ per KWH first 150 KWH/KW 4.7¢ per KWH next 100 KWH/KW 4.1¢ per KWH all additional KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

LP-4 12 KV or Higher Supply - 25 KW Minimum

Present	Proposed
$5.00 per KW first 200 KW 3.30 per KW all additional KW	$6.55 per KW first 200 KW 4.15 per KW all additional KW
3.7028¢ per KWH first 150 KWH/KW 3.0028¢ per KWH next 100 KWH/KW 2.7028¢ per KWH all additional KWH	5.1¢ per KWH first 150 KWH/KW 4.3¢ per KWH next 100 KWH/KW 3.8¢ per KWH all additional KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

LP-5 66 KV Supply - 300 KW Minimum

Present	Proposed
$3.10 per KW first 300 KW 2.75 per KW all additional KW	$3.90 per KW first 300 KW 3.50 per KW all additional KW
3.3028¢ per KWH first 150 KWH/KW 2.9028¢ per KWH next 100 KWH/KW 2.5028¢ per KWH all additional KWH	4.7¢ per KWH first 150 KWH/KW 4.0¢ per KWH next 100 KWH/KW 3.5¢ per KWH all additional KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

Rate Schedule LP-6 66 KV Supply - 10,000 KW Minimum

Present	Proposed
$2.70 per KW all KW (Minimum 10,000 KW)	$3.50 per KW all KW (Minimum 10,000 KW)
3.1028¢ per KWH first 150 KWH/KW 2.5028¢ per KWH next 100 KWH/KW 2.4028¢ per KWH all additional KWH	4.3¢ per KWH first 150 KWH/KW 3.8¢ per KWH next 100 KWH/KW 3.4¢ per KWH all additional KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

Rate Schedule BL

This rate schedule is for borderline service to public utility companies for resale in adjacent territory. The charges under the rate are increased as shown on the following comparison of present and proposed rates:

Present	Proposed
5.5028¢ per KWH plus 1% of facility investment	7.5¢ per KWH plus 1% of facility investment

Space Heating

Rate Schedule GH-4(R)

This general service and space heating rate schedule is limited in its application to those customers presently on the rate. The charges under the rate schedule are increased as shown in the following comparison of present and proposed rate schedules:

Present	Proposed
$15.00 per month plus $ 0.75/KW all KW	$17.00 per month plus $ 1.00/KW all KW
4.3528¢ per KWH for all KWH	6.0¢ per KWH for all KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

The primary voltage discount for service at 12,000 volts or higher of .05 cents per KWH will be maintained for customers previously served under Rate Schedule GH-3(R).

The proposed new rate results in increases to all customers supplied under this rate schedule. The total revenue effect of this proposed new rate is an estimated $11,255,552 per year or 27.11% of the $41,518,083 total forecasted revenue received under the present rate schedule.

Rate Schedule GH-2(R)

This rate schedule is for electric space heating service when it meets the Application Provisions of the Rate and when the general use is supplied under some general service rate schedule. It is limited in its application to service locations served under the rate or committed to the rate prior to August 21, 1972.

The proposed charges under the rate schedule are increased as shown in the following comparison of present and proposed rate schedules:

Present	Proposed
$12.00 including 200 KWH	$15.00 including 200 KWH
4.6028¢ per KWH all additional KWH	6.3¢ per KWH all additional KWH
Monthly Minimum is $12.00	Monthly Minimum is $15.00

Rate Schedule GH-2(R) (Continued)

The proposed new rate will result in increases to all customers supplied under this rate schedule. The total revenue effect of this proposed new rate schedule is an estimated increase of $1,752,032 per year or 25.78% of the $6,796,091 total forecasted revenue received under the present rate schedule.

Rate Schedule GH-1(R)

This rate schedule is for all-electric commercial service supplied through one meter when electricity is the sole source of all energy requirements including space heating. It is limited in its application to service locations served under the rate or committed to the rate prior to August 21, 1972. The proposed charges under the rate schedule are increased as shown in the following comparison of present and proposed rate schedules:

Present	Proposed
$15.00 per month plus $ 0.75/KW all KW	$17.00 per month plus $ 1.00/KW all KW
5.7028¢ per KWH first 2500 KWH 4.8028¢ per KWH next 100 KWH/KW 4.5028¢ per KWH all additional KWH	7.9¢ per KWH first 2500 KWH 6.5¢ per KWH next 100 KWH/KW 6.1¢ per KWH all additional KWH
Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.	Off-peak Provision - When off-peak metering is requested the charge is $12.00 per month.

We are proposing to eliminate the Primary Credit provision because it does not apply to any existing customers.

The proposed rate will result in increases to all customers supplied under this rate schedule. The total revenue effect of this proposed rate is an estimated increase of $3,574,889 per year or 25.99% of the $13,754,862 total forecasted revenue received under the present rate schedule.

Street and Area Lighting

The average increase to all street lighting rates is approximately 21.77% under this proposed rate increase. The proposed increase for area lights is approximately 21.94%.

The proposed increase for the street lighting rate class is slightly lower than that for the other rate classes. This lower level of increase is proposed in recognition of the relationship of the street lighting rate class rate of return to the overall Company rate of return.

The increase for Rate Schedule SI-1(R) is approximately that of the average of all other rate classes. This level of increase is also the basis for the increases for the other street lighting rate schedules. With this level of increase for SI-1(R), the proposed increase for mercury vapor street lighting service is slightly lower to recognize the relative operating and maintenance efficiency of mercury vapor when compared to incandescent.

Since incandescent street lighting is more labor and energy intensive than either mercury vapor or high pressure sodium street lighting, the proposed percentage increases for the incandescent street lighting rates are larger than for mercury vapor or high pressure sodium. The increases for the incandescent rates range from 25.00% for SI-1(R) to 33.74% for SI-6(R). The overall increase to the incandescent rates is 26.64%.

An ultimate goal is the combination of the various incandescent street lighting rates, which provide essentially the same type of service, into one rate schedule. To achieve this end, certain incandescent rates must be increased more than others until the lower rate levels are brought up to the successor rate levels. Therefore, the proposed increases to Rate Schedules SI-4(R) and SI-6(R) are greater than that for Rate Schedule SI-1(R). With these proposed increases in SI-4(R) and SI-6(R), the elimination of Rate Schedule SI-6(R) is proposed with this filing while the elimination of Rate Schedule SI-4(R) is brought closer to being.

The proposed increase for high pressure sodium street lighting under Rate Schedule SHS is less than that for mercury vapor street lighting under Rate Schedule SM. This difference recognizes the improving operating experience of providing high pressure sodium street lighting service. The maintenance record of high pressure sodium equipment is continuing to improve while the general trend of equipment prices indicates that high pressure sodium equipment prices have, as a group, not increased to the extent mercury vapor equipment prices have.

Using the cost of service allocations of energy costs for the determination of the Rate Schedule SE charges, an increase in the rate for lights mounted on a utility pole is proposed while a decrease is proposed for the rate for lights mounted on the customer's pole. The decrease recognizes the benefits from the decreased energy costs of the nuclear plant's operation while the increase recognizes the offsetting effect to the energy costs of the investment in the utility's pole.

Street and Area Lighting

Rate Schedule SM

This rate is for mercury vapor street lighting service from overhead or underground facilities. The Net Monthly Rates for all types of service are proposed to be increased as shown in the following comparison of the present and proposed rates.

Present Net Monthly Rates

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Steel Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Mercury Vapor	3,350	100	$ 7.40	-----	$12.30	$13.50	-----	-----
" "	6,650	175	8.85	$14.35	14.15	15.35	$17.20	$ 7.25
" "	10,500	250	11.30	16.75	-----	-----	19.40	9.50
" "	20,000	400	14.15	19.60	-----	-----	22.50	12.30
" "	34,000	700	23.00	28.60	-----	-----	32.40	21.30
" "	51,000	1,000	28.85	34.75	-----	-----	38.50	27.20
Fluorescent	21,800	-----	14.10	19.75	-----	-----	22.60	-----

Proposed Net Monthly Rates

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Steel Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Mercury Vapor	3,350	100	$ 9.25	-----	$15.30	$16.75	-----	-----
" "	6,650	175	11.20	$17.90	17.70	19.15	$21.45	$ 9.20
" "	10,500	250	14.35	21.00	-----	-----	24.20	12.05
" "	20,000	400	18.10	24.80	-----	-----	28.35	15.80
" "	34,000	700	29.45	36.30	-----	-----	40.95	27.40
" "	51,000	1,000	37.05	44.30	-----	-----	48.90	35.05
Fluorescent	21,800	-----	18.10	24.95	-----	-----	28.40	-----

Present Customer-Owned Equipment Rates

Lamp Size		Customer Owns and
Wattage	Minimum Initial Lumens	Company Operates & Maintains
100	3,350	$ 3.90
175	6,650	5.45
250	10,500	7.35
400	20,000	10.30
700	34,000	17.80
1000	51,000	23.65

Proposed Customer-Owned Equipment Rates

Lamp Size		Customer Owns and
Wattage	Minimum Initial Lumens	Company Operates & Maintains
100	3,350	$ 5.00
175	6,650	7.05
250	10,500	9.45
400	20,000	13.35
700	34,000	23.05
1000	51,000	30.75

Rate Schedule SM (Continued)

The total revenue effect of this proposed rate increase on all customers served hereunder is an estimated increase of $2,662,045 per year or approximately 22.00% of the $12,100,206 total forecasted revenue received under the present rate.

In addition to the rate changes, the 20,000 lumen and 51,000 lumen lamp sizes are being limited to fixtures installed on or before and supplied continuously after January 22, 1983 and additions at locations adjacent to such existing installations. The 20,000 lumen lamp is being limited, since in all cases the rate for the 16,000 lumen high pressure sodium lamp is lower. The 51,000 lumen lamp is being limited, since the rate for the 50,000 lumen high pressure sodium lamp is lower in all cases and no new 51,000 lumen mercury vapor lamps have been installed in the recent past or are projected to be installed in the future.

Rate Schedule SA

This rate schedule is for private area lighting supplied from existing overhead secondary distribution and contracted for by a private customer.

The net monthly rate for service is proposed to be increased as shown in the following comparison of present and proposed rates:

Present	Proposed
$8.75 per lamp	$11.05 per lamp

The total revenue effect of this proposed rate increase for lamps billed hereunder is estimated to be $926,781 or 21.94% of the $4,224,162 total forecasted revenue received under the present rate schedule.

Rate Schedule SHS

This rate schedule is for high pressure sodium street lighting service to municipalities or other governmental agencies.

The Net Monthly Rates for all types of service are proposed to be changed as shown in the following comparison of present and proposed rates.

Present Net Monthly Rates

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Metal Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Sodium	5,800	70	-----	-----	-----	$16.15	-----	-----
"	9,500	100	$10.90	$14.70	$17.45	17.35	$21.20	$ 9.60
"	16,000	150	11.95	15.70	-----	-----	22.25	10.00
"	25,500	250	16.50	19.60	-----	-----	30.35	13.00
"	50,000	400	21.25	23.95	-----	-----	34.70	15.65

Proposed Net Monthly Rates

LAMP DESCRIPTION			OVERHEAD SUPPLY		UNDERGROUND SUPPLY			MULTIPLE UNITS
Type	Nominal Lumens	Wattage	Wood Pole	Metal Pole	Wood Pole	Low Mounting	High Mounting	Additional Luminaire/Pole
Sodium	5,800	70	-----	-----	-----	$18.85	-----	-----
"	9,500	100	$12.75	$17.10	$20.30	20.20	$24.65	$11.25
"	16,000	150	14.05	18.40	-----	-----	25.95	11.80
"	25,500	250	19.60	23.10	-----	-----	35.45	15.50
"	50,000	400	25.25	28.40	-----	-----	40.80	18.80

Rate Schedule SHS (Continued)

The total revenue effect of the proposed increase to all customers served under this rate schedule is estimated to be $160,201 per year or 15.03% of the $1,065,872 total forecasted revenue received under the present rates.

Rate Schedule SE

This rate schedule is available only to municipalities or governmental agencies for the operation of mercury vapor or high pressure sodium street lighting systems on public thoroughfares with the Company only providing energy.

The Net Monthly Rates for all types of service are proposed to be changed as shown in the following comparison of present and proposed rates:

Street Lighting Equipment On	Present Rate	Proposed Rate
1. Company pole	6.5028¢/KWH	6.7¢/KWH
2. Customer pole or support	2.6028¢/KWH	2.3¢/KWH

As of July 31, 1982, there were no customers served under this rate schedule.

Rate Schedules SI-1(R), SI-4(R) and SI-6(R)

These rate schedules are for incandescent street lighting service to municipalities. The Net Monthly Rates for all types of service are increased as shown in the following comparison of present and proposed rates:

Rate Schedule SI-1(R)

Present Net Monthly Rate

LAMP DESCRIPTION		OVERHEAD SUPPLY		UNDERGROUND SUPPLY-METAL POLE	
Type	Lumens	Wood Pole	Metal Pole	Low Mounting	High Mounting
Incandescent	600	$ 3.80	-----	-----	-----
"	1,000	5.00	-----	-----	-----
"	2,500	7.90	$11.25	$12.00	$14.30
"	4,000	10.50	13.35	14.10	16.50
"	6,000	13.15	15.65	15.70	18.75

Proposed Net Monthly Rate

LAMP DESCRIPTION		OVERHEAD SUPPLY		UNDERGROUND SUPPLY-METAL POLE	
Type	Lumens	Wood Pole	Metal Pole	Low Mounting	High Mounting
Incandescent	600	$ 4.90	-----	-----	-----
"	1,000	6.15	-----	-----	-----
"	2,500	10.25	$15.60	$15.45	$18.95
"	4,000	13.70	17.65	18.10	21.10
"	6,000	16.95	19.45	19.90	23.30

We are also proposing to include those lamps formerly billed under Rate Schedule SI-6(R).

Rate Schedule SI-4(R)

Present Net Monthly Rate

OVERHEAD SUPPLIED INCANDESCENT LAMPS ON WOOD POLES

Lumens	Standard Overhead	White Way
1,000	$ 4.41	-----
2,500	7.56	-----
4,000	9.90	$10.50
6,000	12.65	13.15

Proposed Net Monthly Rate

OVERHEAD SUPPLIED INCANDESCENT LAMPS ON WOOD POLES

Lumens	Standard Overhead	White Way
1,000	$ 5.80	-----
2,500	10.25	-----
4,000	13.70	$13.70
6,000	16.95	16.95

Rate Schedule SI-6(R)

This rate schedule is for low mounting underground supplied street lighting service with incandescent lamps.

Lamp Size - Lumens	Present Net Monthly Rate Price/Lamp	Proposed Net Monthly Rate Price/Lamp
2,500	$11.10	$15.45
4,000	$14.10	$18.10
6,000	$15.70	$19.90

Incandescent service under Rate Schedule SI-6(R) is proposed to be included under SI-1(R), as the proposed lamp charges are identical. Accordingly, we are proposing to withdraw Rate Schedule SI-6(R).

The total revenue effect of these increases on customers served under these incandescent rate schedules is estimated at $236,274 per year or 26.64% of the $886,764 total forecasted revenue received under the present rates.

IV. STATE TAX SURCHARGE

When rates proposed in this filing are permitted to go into effect, a new State Tax Surcharge will be computed and filed. Assuming the total amount of the increase proposed in this Supplement is permitted to go into effect, the tax surcharge is estimated to be 6.30%.

V. TABULATION OF REVENUE EFFECTS

PENNSYLVANIA POWER & LIGHT COMPANY

Estimated Annual Revenues at Current and Proposed Rates
For 12 Months Ended July 31, 1983
Supplement No.2 to Pa. P.U.C. No. 199

Line No.	(1) Rate Schedule	(2) No. of Customers As Of July 31, 1983	(3) Sales (kwh)	(4) Projected Conditions 12 Months Ended July 31, 1983 Current Rates Rate	(5) Tax Surcharge (6.75%)	(6) Energy Adjustment (3.814 m/kwh)	(7) Total	(8) Rate	(9) Tax Surcharge (6.39%)	(10) Energy Adjustment	(11) Total	(12) Increase Over Current Total Revenue Amount (11) - (7)	(13) % (12) ÷ (7)	Line No.
1	RS	895,681	5,184,691,200	$ 438,552,725	$29,602,309	$31,216,412	$ 499,371,446	$ 586,786,682	$36,960,191	-	$ 623,746,873	$124,393,427	24.91	1
2	RTS	25	504,000	24,087	1,626	1,922	27,635	25,865	1,631	-	27,516	(119)	(.43)	2
3	GS-1	99,662	1,039,008,000	78,228,314	5,280,411	3,928,428	87,437,145	103,147,085	6,498,315	-	109,645,400	22,208,255	25.40	3
4	GS-3	11,987	4,000,000,000	202,782,637	13,686,478	15,256,000	231,725,115	273,163,547	17,209,303	-	290,372,850	58,647,735	25.32	4
5	LP-4	880	3,155,680,000	127,603,983	8,613,269	12,033,178	148,250,422	176,888,880	11,017,949	-	187,906,829	37,655,407	25.40	5
6	LP-5	81	1,185,000,000	42,280,257	2,853,917	4,519,598	49,653,784	58,276,610	3,671,426	-	61,948,036	12,294,272	24.76	6
7	LP-6	27	3,533,350,000	113,753,188	7,678,348	13,476,197	134,907,723	150,363,714	10,038,814	-	160,402,528	34,495,805	25.57	7
8	BL	18	3,800,000	239,643	16,178	14,493	270,312	317,885	20,025	-	337,888	67,576	25.00	8
9	HA	-	35,300,000	3,830,849	258,588	134,634	4,224,181	4,845,668	305,277	-	5,150,943	926,761	21.94	9
10	SH	602	91,500,000	11,008,173	743,052	348,881	12,100,206	13,687,348	874,903	-	14,562,251	2,462,045	22.80	10
11	SHS	86	5,600,000	880,611	68,191	19,878	1,065,672	1,153,488	72,685	-	1,226,873	189,201	15.03	11
12	SE	-	-	-	-	-	-	-	-	-	-	-	-	12
13	TS(H)	19	533,035	40,728	2,749	2,035	45,512	53,814	3,240	-	58,354	10,841	23.82	13
14	RX(H)	101	1,804,800	89,406	6,035	6,884	102,323	121,643	7,884	-	129,287	26,964	26.37	14
15	SI-1(H)	23	4,766,385	321,858	35,212	17,850	374,920	676,841	43,264	-	718,525	143,705	25.06	15
16	SI-4(H)	9	2,780,000	255,234	17,228	10,603	283,065	344,285	21,683	-	365,598	82,825	29.26	16
17	SI-6(H)	2	180,680	26,409	1,782	687	28,878	36,334	2,288	-	38,623	9,744	33.74	17
18	GH-1(H)	790	240,000,000	12,027,837	811,865	915,280	13,754,982	16,182,882	1,027,969	-	17,210,751	3,574,889	25.99	18
19	GH-2(H)	3,500	125,000,000	8,919,757	389,584	476,750	6,786,091	8,841,588	566,615	-	9,548,133	1,762,032	25.78	19
20	GH-4(H)	1,488	775,000,000	26,123,872	2,438,381	2,955,650	41,518,983	49,645,841	3,127,694	-	52,773,535	11,255,553	27.11	20
21	Total Tariff 189	1,014,697	22,374,150,000	$1,074,289,256	$72,513,174	$85,335,008	$1,232,117,438	$1,461,887,936	$91,418,639	-	$1,542,508,477	$310,389,039	25.19	21
22	Late Payment Charge	-	-	$ 3,307,000	-	-	$ 3,307,000	$ 4,140,033	-	-	$ 4,140,033	$ 833,033	25.19	22
23	Other Electric Revenue	-	-	8,398,000	-	-	8,398,000	8,398,000	-	-	8,398,000	-	-	23
24	Total Miscellaneous	-	-	$ 11,705,000	-	-	$ 11,705,000	$ 12,538,033	-	-	$ 12,538,033	$ 833,033	7.12	24
25	PPUC Annualization	-	329,546,295	$ 13,540,058	$ 913,954	$ 1,256,890	$ 15,710,900	$ 18,502,888	$ 1,165,676	-	$ 19,668,476	$ 3,957,576	25.19	25
26	Interdepartmental	-	2,200,000	165,448	11,167	8,391	184,998	218,888	13,748	-	231,839	46,841	25.32	26
27	Total Adjustment	-	331,746,295	$ 13,705,498	$ 925,121	$ 1,265,281	$ 15,895,898	$ 18,720,888	$ 1,179,416	-	$ 19,900,315	$ 4,004,417	25.19	27
28	PPUC Jurisdictional Total	1,014,697	22,705,896,295	$1,099,679,752	$73,438,295	$86,600,289	$1,259,718,336	$1,492,346,676	$93,597,955	-	$1,574,944,815	$315,226,489	25.03	28

Note: Line 25, Cols. (4) & (7) include $41,239 Late Payment Charge Annualization

isn't," McNair said. "Both 20 and 25 are correct. The difference results from following very specific PUC rules and procedures in filing for an increase in rates.

"For rate-case purposes, we are required to exclude some energy-related charges that our customers already are paying, making the formal request 25 percent," McNair explained. "What's most important to our customers, though, is the difference between PP&L's current rates and the ones we're proposing—and that's about 20 percent."

"This may seem like a sizable amount," McNair said, "but really is very conservative and responsible considering the company's large investment in the Susquehanna plant since construction started nine years ago."

McNair said PP&L has kept the size of the request "to the lowest possible amount to balance the interests of customers and shareowners. It is in line with PP&L's rate philosophy to try and keep its rates to customers at as low a level as it reasonably can."

"PP&L has taken numerous steps over the past several years to hold down its costs and to operate efficiently. The fact that the rates our customers pay are among the lowest in the state attests to the success of these measures. Our rates also compare very favorably regionally and nationally."

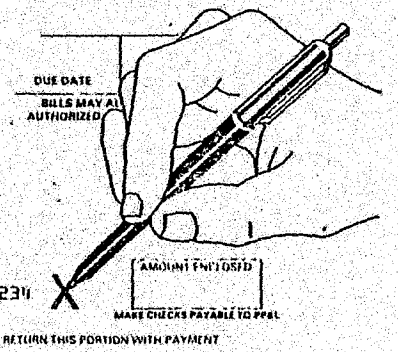
"One of PP&L's long-term objectives," McNair said, "is to keep our rates significantly below the average price of electricity paid by other Pennsylvania customers. The operation of Susquehanna will help PP&L achieve this long-term objective."

MORE INFORMATION AVAILABLE

Copies of our entire rate filing materials are available for inspection at PP&L's six division headquarters (Allentown, Harrisburg, Hazleton, Lancaster, Montoursville, and Scranton) and at our corporate offices in Allentown. In addition we have a pamphlet called **"Some Straight Talk About PP&L's Request for Higher Rates"** and a folder called **"Consumer's Guide to Utility Rate Cases"** which are available to customers.

If you want a copy of the pamphlet and folder, simply place an "X" in the box located to the immediate left of the "Amount Enclosed" box on the upper part of your Electric Service bill.

Then return the upper portion of your bill along with your payment. Your requested copies will be included in the envelope with your next bill.



PP&L

Pennsylvania Power & Light Company



BILL INSERT for RS, RTD and RTS Customers

Revised 11/19/82

Dear Customer:

On Nov. 22, 1982, Pennsylvania Power & Light Company asked the Pennsylvania Public Utility Commission (PUC) for a rate increase for all classes of retail electric service.

This increase applies to all customers and would raise your current bill by about 20 percent on the average. If the full amount we requested is approved, here's how the proposed new rates would affect your current monthly bill generally:

RESIDENTIAL SERVICE—RATE RS

If Your Current Monthly Electric Bill is	Your Bill would be
$ 20	$ 24
$ 40	$ 48
$ 75	$ 90
$100	$120
$125	$150
$150	$180

The proposed increase will not become effective until August, 1983 unless the PUC approves it by Jan. 22, 1983.

We are requesting an overall annual increase of about $315 million (including tax surcharge) or about 25 percent based on the year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million due to operation of Unit 1 of the Susquehanna Steam Electric Station. We are proposing to set the energy cost rate at zero when the new rates become effective.

If you want to know exactly how the proposed increase affects your bill, you can contact any of the PP&L offices listed below or shown on the reverse side of your electric service bill.

You may examine the materials explaining the reasons for the proposed increase and the supporting data that the Company has filed at the following PP&L offices: **Two N. Ninth St., Allentown; Hausman Road off Tilghman St. West, Allentown; 344 S. Poplar St., Hazleton; 1801 Brookwood St., Harrisburg; 1701 Manheim Pike, Lancaster; 600 Larch St., Scranton; and Old Route 220 East of Montoursville.**

Before the proposed increase can become effective, it will be subject to PUC examination and approval. If the increase is suspended until August, 1983, a formal investigation and public hearings will be held by the PUC.

If you want to file a formal complaint against this proposed increase and to participate in the public hearings, you can obtain the necessary forms from the Pennsylvania Public Utility Commission, Harrisburg, Pennsylvania 17120. All complaints should reference Docket No. R-822169.

We thought you'd like to see the information that we sent to the news media. We hope it answers some of the questions you may have about the request.

Pennsylvania Power & Light Co.'s request for an increase in electric rates—announced last April—was submitted yesterday (11/22) to the Public Utility Commission.

If approved in full, it would increase current customer charges by 19.4 percent. Although percentage increases on individual bills may vary slightly based on type of service and amount of use, most bills will increase by about 20 percent.

With a full review by the PUC, higher PP&L rates probably would not go into effect until next August or September, some 20 months since PP&L's last increase in January 1982.

A residential customer who now pays $34.36 for 500 kilowatt-hours a month would pay $41.19 under the proposed rates—an increase of $6.83. Most of PP&L's 900,000 residential customers use about 500 kwh a month.

PP&L has cited two major reasons for the rate request:

- The "net effect" of placing in service the first of two Susquehanna nuclear generating units and
- Other increases in the cost of providing electric service—including state taxes—since January 1982 when PP&L received its last increase.

Grayson E. McNair, PP&L's vice president-Consumer & Community Services, said the company is requesting $315 million overall. About two-thirds of it is related to Susquehanna Unit 1. The remaining one-third represents other increased costs, including taxes. The request anticipates a reduction of about $186 million in our energy costs due to the operation of Susquehanna Unit 1.

To help ease the effect of the increase on customers, PP&L is proposing a novel budget-billing arrangement in which customers could spread the increase over a 16-month period. Under that concept, residential customers could have the increase applied in two steps over an eight-month period by electing to pay their bills under PP&L's budget-billing plan, then make up the unpaid balance by paying a little more for the 9th thru 16th months. A similar plan is being proposed for non-residential customers.

The paperwork for the PP&L request—31 volumes of data stacked about three feet high—lists an overall annual net increase of 25 percent based on the year ending July 31, 1983.

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"For rate-case purposes, we are required to exclude some energy-related charges that our customers already are paying, making the formal request 25 percent," McNair explained. "What's most important to our customers, though, is the difference between PP&L's current rates and the ones we're proposing—and that's about 20 percent."

"This may seem like a sizable amount," McNair said, "but really is very conservative and responsible considering the company's large investment in the Susquehanna plant since construction started nine years ago."

McNair said PP&L has kept the size of the request "to the lowest possible amount to balance the interests of customers and shareowners. It is in line with PP&L's rate philosophy to try and keep its rates to customers at as low a level as it reasonably can."

"PP&L has taken numerous steps over the past several years to hold down its costs and to operate efficiently. The fact that the rates our customers pay are among the lowest in the state attests to the success of these measures. Our rates also compare very favorably regionally and nationally."

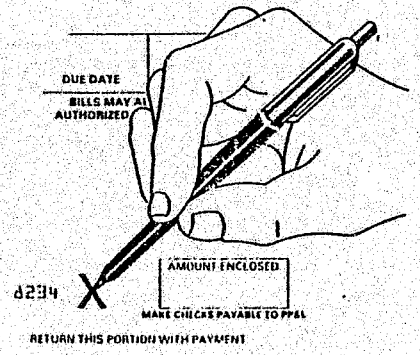
"One of PP&L's long-term objectives," McNair said, "is to keep our rates significantly below the average price of electricity paid by other Pennsylvania customers. The operation of Susquehanna will help PP&L achieve this long-term objective."

MORE INFORMATION AVAILABLE

Copies of our entire rate filing materials are available for inspection at PP&L's six division headquarters (Allentown, Harrisburg, Hazleton, Lancaster, Montoursville, and Scranton) and at our corporate offices in Allentown. In addition we have a pamphlet called **"Some Straight Talk About PP&L's Request for Higher Rates"** and a folder called **"Consumer's Guide to Utility Rate Cases"** which are available to customers.

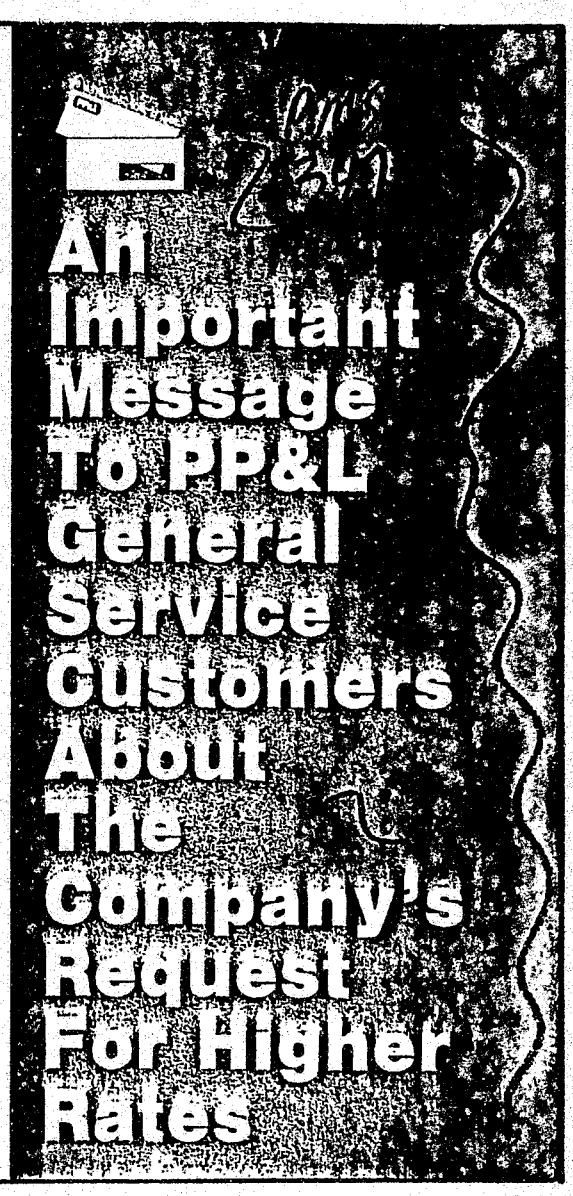
If you want a copy of the pamphlet and folder, simply place an "X" in the box located to the immediate left of the "Amount Enclosed" box on the upper part of your Electric Service bill.

Then return the upper portion of your bill along with your payment. Your requested copies will be included in the envelope with your next bill.



PP&L

Pennsylvania Power & Light Company



Dear Customer:

On Nov. 22, 1982, Pennsylvania Power & Light Company asked the Pennsylvania Public Utility Commission (PUC) for a rate increase for all classes of retail electric service.

This increase applies to all customers and would raise your current bill by about 20 percent on the average. If the full amount we requested is approved, here's how the proposed new rates would affect your current monthly bill generally:

COMMERCIAL & INDUSTRIAL SERVICE

Rate	If Your Current Monthly Electric Bill is	Your Bill would be
GS-1	$ 75	$ 91
GS-1	$ 150	$ 182
GS-3	$ 500	$ 600
GS-3	$1000	$1200
GS-3	$2000	$2400

The proposed increase will not become effective until August, 1983 unless the PUC approves it by Jan. 22, 1983.

We are requesting an overall annual increase of about $315 million (including tax surcharge) or about 25 percent based on the year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million due to operation of Unit 1 of the Susquehanna Steam Electric Station. We are proposing to set the energy cost rate at zero when the new rates become effective.

If you want to know exactly how the proposed increase affects your bill, you can contact any of the PP&L offices listed below or shown on the reverse side of your electric service bill.

You may examine the materials explaining the reasons for the proposed increase and the supporting data that the Company has filed at the following PP&L offices: **Two N. Ninth St., Allentown; Hausman Road off Tilghman St. West, Allentown; 344 S. Poplar St., Hazleton; 1801 Brookwood St., Harrisburg; 1701 Manheim Pike, Lancaster; 600 Larch St., Scranton; and Old Route 220 East of Montoursville.**

Before the proposed increase can become effective, it will be subject to PUC examination and approval. If the increase is suspended until August, 1983, a formal investigation and public hearings will be held by the PUC.

If you want to file a formal complaint against this proposed increase and to participate in the public hearings, you can obtain the necessary forms from the Pennsylvania Public Utility Commission, Harrisburg, Pennsylvania 17120. All complaints should reference Docket No. R-822169.

We thought you'd like to see the information that we sent to the news media. We hope it answers some of the questions you may have about the request.

Pennsylvania Power & Light Co.'s request for an increase in electric rates—announced last April—was submitted yesterday (11/22) to the Public Utility Commission.

If approved in full, it would increase current customer charges by 19.4 percent. Although percentage increases on individual bills may vary slightly based on type of service and amount of use, most bills will increase by about 20 percent.

With a full review by the PUC, higher PP&L rates probably would not go into effect until next August or September, some 20 months since PP&L's last increase in January 1982.

A residential customer who now pays $34.36 for 500 kilowatt-hours a month would pay $41.19 under the proposed rates—an increase of $6.83. Most of PP&L's 900,000 residential customers use about 500 kwh a month.

PP&L has cited two major reasons for the rate request:

- The "net effect" of placing in service the first of two Susquehanna nuclear generating units and
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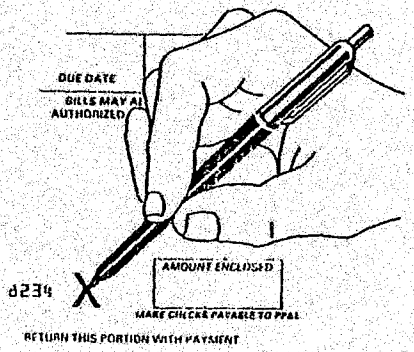
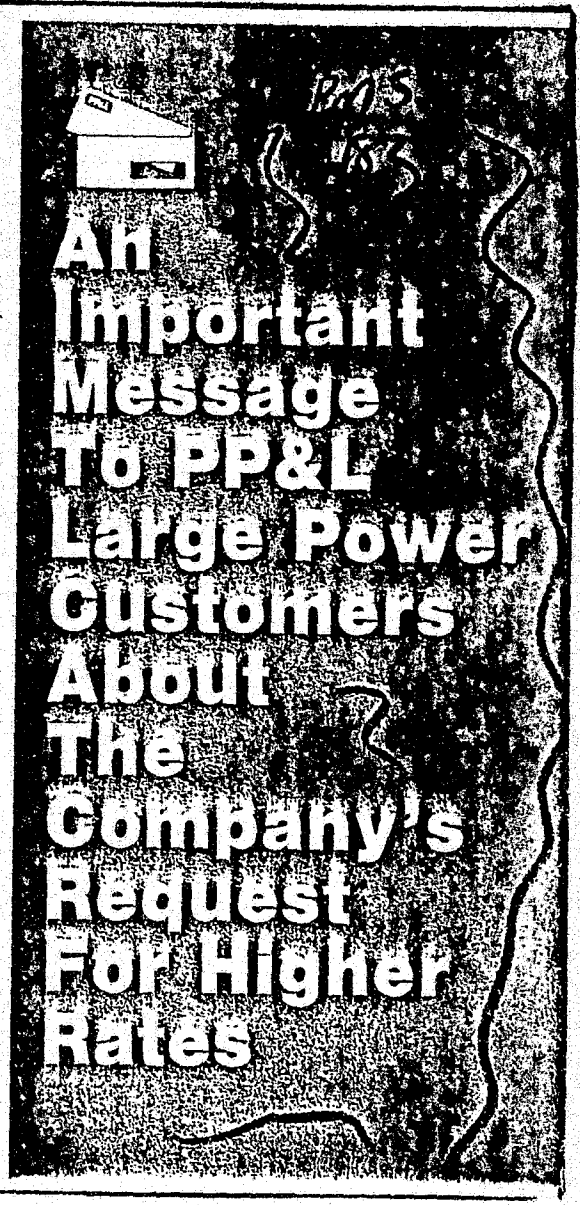


PP&L

Pennsylvania Power & Light Company



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mission then has seven months to decide whether any of the requested increase is justified, but it is expected to make a decision as soon as all facts have been considered. The reason for the apparently long time period is that the Commission must hold hearings, consumers must have a chance to voice their opinions and give testimony; briefs must be submitted and reviewed, a recommendation made and finally, the matter is brought before the Commissioners to be voted upon.

ADMINISTRATIVE LAW JUDGE

The Commission assigns each pending case to one of the PUC administrative law judges (ALJ) who are lawyers with experience in administrative law. The ALJ presides at formal hearings, gathers all the facts relating to the rate increase request and submits to the Commission a written report recommending either approval, disapproval or modification of the original rate request.

FORMAL HEARING

At a formal hearing, the company, PUC staff and other parties present their cases and are subject to cross-examination. The PUC administrative law judge presides over the hearing, which is open to the public and is conducted much as a formal court proceeding. Customers may become participants in the case by formally applying to do so. Ratepayers may speak for themselves, or individual ratepayers or groups of ratepayers may be represented by lawyers.

RECOMMENDATIONS

After all the facts have been gathered, the administrative law judge writes a recommended order, based on the record, weighing the evidence and resolving each issue within the limits set by law.

FINAL ORDER

The Commissioners must make the final decision, authorizing rates that (1) permit that amount of revenue which will allow the company to meet its expenses, pay interest on its debt and provide a reasonable return to stockholders so it will continue to attract investment, and (2) assign the proper rate for each category of service—residential, commercial and industrial—reflecting as closely as possible the cost of providing the service. The order has the weight of law unless the Commission changes it following a petition for reconsideration, or it is successfully challenged in court.

COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA PUBLIC
UTILITY COMMISSION
P.O. BOX 3265
HARRISBURG, PA 17120
CONSUMER SERVICES

Serving Area Codes 717 & 814	Harrisburg Regional Offices P.O. Box 3265 Harrisburg, PA 17120 Telephone: (717) 783-5239
(Serving the Erie area)	609 French Street Erie, PA 16501 Telephone: (814) 871-4342
Serving Area Code 215	Philadelphia Regional Office 1308 Philadelphia State Office Bldg. 1400 W. Spring Garden St. Philadelphia, PA 19130 Telephone: (215) 238-3716
Serving Area Code 412	Pittsburgh Regional Office 1201 Pittsburgh State Office Bldg. 300 Liberty Avenue Pittsburgh, PA 15222 Telephone: (412) 565-5038

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CONSUMER'S GUIDE to UTILITY RATE CASES

The information in this pamphlet was prepared by the Pennsylvania Public Utility Commission and is being sent to you by Pennsylvania Power & Light Co. with PUC approval.

Prepared By The Pennsylvania
Public Utility Commission
June 1979

REGULATION

In order to provide the most economical, efficient, and practical service to a community the state grants a utility company the sole right to provide its service within a specified geographic area. Experience and past history have determined that the construction of facilities such as sewage, water and electrical distribution lines by more than one utility company in the same location would be extremely costly and disruptive to community life and property. In exchange for the geographic monopoly, the utility company accepts regulation by state government to assure that rates are fair and service safe and adequate for customers who cannot choose a different company.

UTILITY'S ROLE

The law requires that regulated utility companies must meet all reasonable requests for service by customers within their designated territories. To provide adequate service, it is recognized that the company must obtain a return on its investment sufficient to attract investors. If a company must expand its capacity in order to provide increased or improved service, it must persuade investors to make money available to finance new construction, borrow money, or get a rate increase from the PUC.

COMMISSION'S ROLE

The Pennsylvania Public Utility Code provides that the Public Utility Commission (PUC) is responsible for ensuring safe, adequate service for consumers at fair and reasonable rates from the state's investor-owned transportation, electric, natural gas, telephone, telegraph, sewer and water utilities. The Commission is required to make decisions that allow utilities to meet all prudent expenses including the cost of borrowing money for expansion to provide service. The PUC does not exist solely for the benefit of any one group, neither consumer, utility, nor stockholders, but must balance the benefits for all groups. Management efficiency is often an issue in rate case hearings and the Commission has the authority to disallow operating expenses for utility management policies or practices which are found to be imprudent or unreasonable.

WHO REGULATES THE PUC?

The Commission's authority, responsibilities and activities are regulated by the legislature and to some extent by the judicial branch of state government. Commissioners are appointed by the Governor and approved by the Senate and Commission actions are subject to appeal to the Commonwealth Court, which may affirm or reverse Commission decisions.

RATEPAYER'S ROLE

Ratepayers must pay for the service they use, which includes a share of the cost of utility company expenses, including salaries, equipment, maintenance and taxes. While the ratemaking process is complex, consumers have the right to be informed about the process, to receive an explanation of their utility bills, to have their complaints resolved in a prompt and fair manner—and to receive continuous utility service if payment responsibilities are met.

FILING

When a regulated utility believes it should have a rate increase due to increased expenses, it must file a request with the PUC. The filing must show the new rate the utility is proposing, why the rate is needed and when the utility wants the rate to go into effect.

CONSUMER NOTIFICATION

PUC administrative rules require utility companies seeking rate changes to notify customers through notices sent out with their bills. Notice must include the amount of the proposed rate increase, the proposed effective date of increase, and how much more the ratepayer can expect to pay.

PUC STAFF

The Commission staff, which has experts in economics, engineering, law and financial accounting, represents the public at large—by reviewing the company records and rate request—and presents its view on what is in the public interest. The staff is specifically charged with developing the record so that all interests are fairly represented.

CONSUMER FORUMS

While not a part of the ratemaking process, rate case forums or information meetings are often held in a company's service area so that citizens can ask questions, get answers to them and raise issues before PUC staff members and company representatives.

HOW ARE RATES SET?

Setting rates essentially is a two-step process: (1) determining what it costs to provide the service for customers, and (2) determining the appropriate rate structure—the fair share to be charged commercial, industrial and residential customers. A public utility under efficient and economical management is permitted sufficient revenue to cover proper operating expenses and provide a return on investment adequate to compensate existing investors and attract new capital. The rate-making process should provide the lowest possible rate for consumers and still maintain the financial stability of utilities.

HOW LONG DOES IT TAKE?

The Commission must decide within sixty days of the utility's request for a rate increase whether to grant the request. If no action is taken within sixty days, the increase is automatically postponed (suspended). The Com-

AN IMPORTANT MESSAGE TO PP&L LARGE POWER CUSTOMERS

Dear Customer:

On November 22, 1982, Pennsylvania Power & Light Company asked the Pennsylvania Public Utility Commission (PUC) for a rate increase for all classes of retail electric service.

This increase applies to all customers and would impact your current bill by about 20%. If the full amount we requested is approved, your charges for electric service at current rate levels would change as shown on the enclosed statement which is a summary of your service bills for the 12 months ending September, 1982. If you have any questions regarding this proposed rate increase, please contact (name of account representative) at (phone number).

The proposed increase will not become effective until August, 1983, unless the PUC approves it by January 22, 1983.

We are requesting an overall annual increase of about $315 million or about 25% based on the year ending July 31, 1983. The amount of the increase anticipates a reduction in our annual energy costs of about $186 million due to operation of Unit 1 of the Susquehanna Steam Electric Station. We are proposing to set the energy cost rate at zero when the new rates become effective.

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Pennsylvania Power & Light Company

RATE SCHEDULE RS BILL COMPARISON

KWH Use	Present Rates (1-1-82)* Base Rate $	Tax Surcharge $	ECR $	Total Bill $	Proposed Rates (1-22-83)** Base Rate $	Tax Surcharge $	ECR $	Total Bill $	Dollar Increase
200	15.98	1.08	1.28	18.34	20.75	1.31	0	22.06	3.72
400	24.78	1.67	2.57	29.02	32.75	2.06	0	34.81	5.79
500	29.18	1.97	3.21	34.36	38.75	2.44	0	41.19	6.83
600	33.59	2.27	3.85	39.71	44.75	2.82	0	47.57	7.86
800	42.39	2.86	5.14	50.39	56.75	3.58	0	60.33	9.94
1000	51.20	3.46	6.42	61.08	68.75	4.33	0	73.08	12.00
1200	60.00	4.05	7.71	71.76	80.75	5.09	0	85.84	14.08
1400	68.81	4.64	8.99	82.44	92.75	5.84	0	98.59	16.15
1500	73.21	4.94	9.63	87.78	98.75	6.22	0	104.97	17.19
1600	77.61	5.24	10.28	93.13	104.75	6.60	0	111.35	18.22
1800	86.42	5.83	11.56	103.81	116.75	7.36	0	124.11	20.30
2000	95.23	6.43	12.84	114.50	128.75	8.11	0	136.86	22.36
2200	104.03	7.02	14.13	125.18	140.75	8.87	0	149.62	24.44
2400	112.84	7.62	15.41	135.87	152.75	9.62	0	162.37	26.50
2600	121.64	8.21	16.70	146.55	164.75	10.38	0	175.13	28.58
2800	130.45	8.81	17.98	157.24	176.75	11.14	0	187.89	30.65
3000	139.25	9.40	19.27	167.92	188.75	11.89	0	200.64	32.72
3200	148.06	9.99	20.55	178.60	200.75	12.65	0	213.40	34.80
3400	156.87	10.59	21.83	189.29	212.75	13.40	0	226.15	36.86
3600	165.67	11.18	23.12	199.97	224.75	14.16	0	238.91	38.94
3800	174.48	11.78	24.40	210.66	236.75	14.92	0	251.67	41.01
4000	183.28	12.37	25.69	221.34	248.75	15.67	0	264.42	43.08
4500	205.30	13.86	28.90	248.06	278.75	17.56	0	296.31	48.25
5000	227.31	15.34	32.11	274.76	308.75	19.45	0	328.20	53.44
6000	271.34	18.32	38.53	328.19	368.75	23.23	0	391.98	63.79

* Present Rates (Tariff No. 199, Original) includes an ECR of 6.422 mills/KWH. The present Tax Surcharge is 6.75%.

** Proposed Rates (Tariff No. 199, Supplement No. 2) includes an ECR of zero mills/KWH; the estimated Tax Surcharge is 6.30%.

TRENDED BILLING PROCEDURE

The Company is proposing that, at its option, it be permitted to institute a trended billing procedure for its customers following a Commission approved rate change. This procedure would phase in the requested increase on customer bills over a period of time. Since the full amount of the increase is not being paid during this phase-in period, an increase in debit balance for the account will occur. It is proposed that the settlement of this debit balance associated with the procedure be made by December, 1984.

The trended billing procedure will be made available to all customers eligible for budget billing, except temporary, seasonal or speculative service.

It is also proposed that customer election of the trended billing procedure will automatically place the customer into the budget billing plan upon which the trended billing is based.

PENNSYLVANIA POWER & LI[illegible]

Exhibit JOB 1

Life Spanning & Plant Activity
Power Production Units

Witness: Jack O. Beamer

HBG E. Halbert 11/25/83

RECEIVED
JAN 28 1983

DOCKETED
JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Exhibit JOB 1

Life Spanning and Plant Activity - Power Production Units

Witness: Jack O. Beamer

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PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 1

DEACTIVATION DATES

PENNSYLVANIA POWER & LIGHT COMPANY

ESTIMATED DEACTIVATION DATES OF POWER PRODUCTION UNITS

Location	#	Unit	MW	In Service	Deactivation Dates: Docket No. R-80031114	Deactivation Dates: Stipulation	Deactivation Dates: Docket No. R-811636 And Current Rate Filing
Sunbury	5005	1	76	1949	1991	2000	2000
		2	76	1949	1991	2000	2000
		3	103	1951	1991	2000	2000
		4	135	1953	1991	2000	2000
Martins Creek	5010	1	150	1954	1995	1995	1995
		2	150	1956	1995	1995	1995
	5015	3	800	1975	2005	2010	2010
		4	800	1976	2005	2010	2010
Brunner Island	5020	1	334	1961	1999	1999	1999
		2	390	1965	1999	1999	1999
		3	730	1969	1999	1999	1999
Conemaugh	5025	1	97	1970	2005	2005	2005
		2	97	1971	2005	2005	2005
Keystone	5030	1	105	1967	2002	2002	2002
		2	105	1968	2002	2002	2002
Montour	5035	1	750	1972	2007	2007	2007
		2	750	1973	2007	2007	2007
Holtwood	5040	17	73	1954	1994	1994	1994
		# Units					
Allentown	8005	4	72	1967	1987	1992	1992
Harwood	8010	2	36	1967	1987	1992	1992
Williamsport	8015	2	36	1967	1987	1992	1992
Harrisburg	8020	2	72	1967	1987	1992	1992
Jenkins	8025	2	36	1967	1987	1992	1992
Sunbury (D)	8030	2	6	1967	1991	1991	2000
Sunbury	8035	2	48	1971	1991	1991	2000
Martins Creek (D)	8040	2	5	1967	1995	1995	1995
Martins Creek	8045	4	96	1971	1995	1995	1995
Brunner Island (D)	8050	3	8	1967	1999	1999	1999
Conemaugh	8055	4	1	1970	2005	2005	2005
Keystone	8060	4	2	1968	2002	2002	2002
Fishbach	8065	2	36	1969	1989	1994	1994
West Shore	8070	2	36	1969	1989	1994	1994
Lock Haven	8075	1	18	1969	1989	1994	1994
Suburban	8080	1	31	1970	1990	1990	1995

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 2

PP&L DEPRECIATION RESERVE - SUMMARY

PENNSYLVANIA POWER & LIGHT COMPANY

Plant Activity Summary

Steam Production
1981

Power Plant	Account	12/31/80 Balance	1981 Additions	1981 Retirements	1981 Transfers	12/31/81 Balance
	3100	$ 7,949,777	$ (1,674)	$ (22)	$ 90,134	$ 8,038,215
	3110	161,685,989	2,573,774	(1,147)	(13,243)	164,245,374
	3120	580,956,060	39,852,616	(710,273)	(96,362)	620,002,039
	3140	246,855,794	5,555,041	(5,449)	122,597	252,527,983
	3150	78,013,050	7,273,721	(5,078)	40,891	85,322,584
	3160	10,885,836	539,627	(50,347)	94,462	$ 11,469,579
	Total	$1,086,346,505	$55,793,105	$(772,316)	$238,479	$1,141,605,774
5005 Sunbury		$ 104,525,763	$ 4,027,320	$ (77,770)	$ 87,248	$ 108,562,561
5010 Martins Creek (Coal)		57,018,008	(158,316)	(4,971)	0	56,854,721
5015 Martins Creek (Oil)		364,663,946	1,257,127	(19,452)	0	365,901,621
5020 Brunner Island		195,348,902	45,024,845	(497,325)	(4,664)	239,871,758
5025 Conemaugh		30,813,832	567,604	(1,338)	0	31,380,098
5030 Keystone		26,822,867	650,313	(30,411)	0	27,442,769
5035 Montour		272,825,630	2,024,522	(132,062)	69,158	274,787,248
5040 Holtwood		34,327,558	2,399,691	(8,987)	86,736	36,804,998
Total		$1,086,346,505	$55,793,105	$(772,316)	$238,479	$1,141,605,774

*Numbers may not add due to rounding.

PENNSYLVANIA POWER & LIGHT COMPANY

Plant Activity Summary

Other Production
1981

Power Plant	Account	12/31/80 Balance	1981 Additions	1981 Retirements	1981 Transfers	12/31/81 Balance
	3400	$ 67,695	$ 0	$ 0	$ 0	$ 67,695
	3410	1,687,187	(2,386)	0	0	1,684,802
	3420	1,214,982	232,229	0	0	1,447,212
	3430	18,500,018	384,120	0	0	18,884,139
	3440	6,093,293	1,226	0	0	6,094,519
	3450	4,817,485	1,226	(5,288)	0	4,813,422
	3460	284,438	5,959	0	192	290,590
	Total	$32,665,097	$622,374	$(5,288)	$192	$33,282,379*
8005 Allentown		$ 4,543,797	$ 0	$ 0	$ 64	$ 4,543,861
8010 Harwood		2,553,443	353	0	0	2,553,796
8015 Williamsport		2,668,147	10,517	0	0	2,678,664
8020 Harrisburg		4,608,671	66,152	0	0	4,674,823
8025 Jenkins		2,670,086	390	0	0	2,670,476
8030 Sunbury (D)		463,122	0	(1,288)	0	461,834
8035 Sunbury		258,661	0	0	64	258,725
8040 Martins Creek (D)		466,520	0	0	0	466,520
8045 Martins Creek		534,084	38,790	0	64	572,938
8050 Brunner Island (D)		662,760	0	0	0	662,760
8055 Conemaugh		109,326	1,226	0	0	110,552
8060 Keystone		128,543	1,226	0	0	129,769
8065 Fishbach		3,177,033	229,627	0	0	3,406,660
8070 West Shore		3,085,737	198,485	0	0	3,284,222
8075 Lock Haven		1,802,378	75,050	(4,000)	0	1,873,428
8080 Suburban		4,932,789	558	0	0	4,933,347
Total		$32,665,097	$622,374	$(5,288)	$192	$33,282,379*

*Numbers may not add due to rounding.

SUMMARY OF 1981 ANNUAL DEPRECIATION

LIFE SPAN - STEAM & OTHER PRODUCTION

	BY ACCOUNT	Average Depreciable Plant	Annual Accrual	Annual Rate
3110	Structures & Imp.	$ 162,965,681	$ 4,853,014	2.978
3120	Boiler Plant Equip.	600,479,050	19,267,329	3.209
3140	Turbogenerator Units	249,691,889	7,398,532	2.963
3150	Accessory Electric Equip.	81,667,817	2,475,488	3.031
3160	Misc. Power Plant Equip.	11,177,707	358,264	3.205
TOTAL-STEAM PRODUCTION		$1,105,982,144	$34,352,627	3.016
3410	Structures & Imp.	$ 1,685,995	$ 58,198	3.452
3420	Fuel Holders, Producers & Access.	1,331,097	63,976	4.806
3430	Prime Movers	18,692,078	770,500	4.122
3440	Generators	6,093,906	237,947	3.905
3450	Accessory Electric Equip.	4,815,454	183,376	3.808
3460	Misc. Power Plant Equip.	287,514	12,038	4.187
TOTAL-OTHER PRODUCTION		$ 32,906,044*	$ 1,326,035	4.030
	BY UNIT			
5005	Sunbury	$ 105,842,558	$ 2,705,871	2.557
5010	Martins Creek (Coal)	54,968,112	1,966,970	3.578
5015	Martins Creek (Oil)	365,270,326	10,859,138	2.973
5020	Brunner Island	215,864,208	7,477,790	3.464
5025	Conemaugh	30,958,941	942,189	3.043
5030	Keystone	26,669,919	814,051	3.052
5035	Montour	270,959,928	8,040,265	2.967
5040	Holtwood	35,448,151	1,546,353	4.362
TOTAL-STEAM PRODUCTION		$1,105,982,144	$34,352,627	3.106
8005	Allentown	$ 4,543,829	$ 184,051	4.051
8010	Harwood	2,553,620	103,906	4.069
8015	Williamsport	2,673,405	111,903	4.186
8020	Harrisburg	4,641,748	190,027	4.094
8025	Jenkins	2,670,281	108,876	4.077
8030	Sunbury (D)	462,478	19,572	4.232
8035	Sunbury	258,693	13,540	5.234
8040	Martins Creek (D)	466,520	16,875	3.617
8045	Martins Creek	553,511	24,304	4.391
8050	Brunner Island (D)	662,760	20,836	3.144
8055	Conemaugh	109,939	3,162	2.876
8060	Keystone	129,157	3,824	2.961
8065	Fishbach	3,241,929	131,654	4.061
8070	West Shore	3,184,981	128,834	4.045
8075	Lock Haven	1,820,127	75,032	4.122
8080	Suburban	4,933,068	189,639	3.844
TOTAL-OTHER PRODUCTION		$ 32,906,046*	$ 1,326,035	4.030

*Totals do not match due to rounding.

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT
1981

Power Plant		12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
Steam Production						
5005	Sunbury	$ 69,766,742	$ 2,705,871	$ (77,770)	$ 1,351	$ 72,396,194
5010	Martins Creek (Coal)	27,900,243	1,966,970	(4,971)	0	29,862,242
5015	Martins Creek (Oil)	47,806,067	10,859,138	(19,452)	0	58,645,753
5020	Brunner Island	72,839,686	7,477,790	(497,325)	(2,466)	79,817,685
5025	Conemaugh	7,978,858	942,189	(1,316)	0	8,919,731
5030	Keystone	9,456,116	814,051	(30,411)	0	10,239,756
5035	Montour	61,596,339	8,040,265	(132,062)	235	69,504,777
5040	Holtwood	13,583,364	1,546,353	$ (8,987)	(1,739)	15,118,991
	Total	$310,927,415	$34,352,627	$(772,294)	$(2,619)	$344,505,129
Other Production						
8005	Allentown	$ 2,546,471	$ 184,051	$ 0	$ 42	$ 2,730,564
8010	Harwood	1,413,002	103,906	0	0	1,516,908
8015	Williamsport	1,451,722	111,903	0	0	1,563,625
8020	Harrisburg	2,563,378	190,027	0	0	2,753,405
8025	Jenkins	1,486,777	108,876	0	0	1,595,653
8030	Sunbury (D)	319,478	19,572	(1,288)	0	337,762
8035	Sunbury	141,593	13,540	0	42	155,175
8040	Martins Creek (D)	284,228	16,875	0	42	301,145
8045	Martins Creek	214,829	24,304	0	0	239,133
8050	Brunner Island (D)	354,339	20,836	0	0	375,175
8055	Conemaugh	40,738	3,162	0	0	43,900
8060	Keystone	56,551	3,824	0	0	60,375
8065	Fishbach	1,395,477	131,654	0	0	1,527,131
8070	West Shore	1,400,278	128,834	0	0	1,529,112
8075	Lock Haven	800,867	75,032	(4,000)	0	871,899
8080	Suburban	3,230,209	189,639	0	0	3,419,848
	Total	$ 17,699,937	$ 1,326,035	$ (5,288)	$ 126	$ 19,020,810

PENNSYLVANIA POWER & LIGHT COMPANY

DEPRECIATION RESERVE RECONCILEMENT
BOOK RESERVE VS. PP&L RESERVE

STEAM PRODUCTION

Reserve Activity	Book Reserve	PP&L Reserve
Balance @ 12/31/80	$310,579,243	$310,927,415
+ Accruals	34,352,627	34,352,627
+ Salvage/Insurance	78,640	0
- Retirements	772,294	772,294
- Removal Costs	(50,593)	0
+ Transfers	(2,619)	(2,619)
Balance @ 12/31/81	$344,286,190	$344,505,129

OTHER PRODUCTION

Balance @ 12/31/80	$ 17,699,937	$ 17,699,937
+ Accruals	1,326,035	1,326,035
+ Salvage/Insurance	0	0
- Retirements	5,288	5,288
- Removal Costs	1,357	0
+ Transfers	126	126
Balance @ 12/31/81	$ 19,019,453	$ 19,020,810

PENNSYLVANIA POWER & LIGHT COMPANY

SUMMARY OF SALVAGE & REMOVAL COSTS

STEAM PRODUCTION

Year	Salvage	Removal	Cum Net	Book	PP&L
1976	$ 37,329	$ 34,880	$ 2,449		
1977	75,464	22,566	55,347		
1978	(16,977)	109,887	(71,517)		
1979	9,439	64,698	(126,776)	$281,517,246	$281,644,022
1980	61,087	282,483	(348,172)	310,579,243	310,927,415
1981	78,640	(50,593)	(218,939)	344,286,190	344,505,129

OTHER PRODUCTION

Year	Salvage	Removal	Cum Net	Book	PP&L
1976	0	0	0		
1977	0	0	0		
1978	0	0	0		
1979	0	0	0	$ 16,781,668	$ 16,781,668
1980	0	0	0	17,699,937	17,699,937
1981	0	1,358	(1,358)	19,019,452	19,020,810

PENNSYLVANIA POWER & LIGHT COMPANY

ACTUAL & ESTIMATED RETIREMENTS

Function	Actual 1/1/82 - 7/31/82
Steam Production	$ 574,761
Hydro Production	418
Other Production	52,074
Transmission	676,122
Distribution	7,824,374
General	153,785
Total	$9,281,534

Function	Estimated 8/1/82 - 12/31/82	Estimated 1/1/83 - 7/31/83	Total
Steam Production	$ 381,200	$ 609,400	$ 990,600
Nuclear Production	0	0	0
Hydro Production	0	0	0
Other Production	77,200	0	77,200
Transmission	229,067	140,733	369,800
Distribution	5,418,931	6,889,319	12,308,250
General	263,667	375,533	639,200
Total	$ 6,370,065	$ 8,014,985	$ 14,385,050

PENNSYLVANIA POWER & LIGHT COMPANY

RETIREMENTS: 1/1/82 - 7/31/82

STEAM PRODUCTION

Location	3110	3120	3140	3150	3160	Total
5005	$ 0	$(11,500.56)	$ 0	$(64,035.87)	$(20,598.40)	$(96,134.83)
5010	(218.23)	(0.54)	0	0	(1,112.62)	(1,331.39)
5015	0	0	0	0	71.64	71.64
5020	0	(227,429.50)	0	0	(100,495.45)	(327,924.95)
5025	0	(12,696.60)	38.51	0	1,120.78	(11,537.31)
5030	0	(65,352.10)	0	0	0	(65,352.10)
5035	(379.37)	(41,054.60)	0	0	(6,996.80)	(48,430.77)
5040	(10,176.52)	(0.65)	0	(5,443.75)	(8,500.38)	(24,121.30)
Total	$(10,774.12)	$(358,034.55)	$38.51	$(69,479.62)	$(136,511.23)	$(574,761.01)

OTHER PRODUCTION

Location	3430
8010	$(26,171.73)
8015	(25,900.00)
8065	(0.47)
8070	(0.78)
8075	(0.55)
Total	$(52,073.53)

PENNSYLVANIA POWER & LIGHT COMPANY

ESTIMATED MONTHLY ACCRUALS

Function	1982	1983
Steam Production	$3,060,350	$3,241,320
Nuclear Production	0	1,235,092
Hydro Production	33,250	39,084
Other Production	113,067	115,096
Transmission	715,000	772,333
Distribution	3,366,252	3,554,167
General	233,084	273,334
Total	$7,521,003	$9,230,426

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant

Power Plant	1981 Accruals	% of Total	Prorated Accruals January-July 1982
Steam Production			
5005 Sunbury	$ 2,705,871	7.9	$ 1,692,371
5010 Martins Creek (Coal)	1,966,970	5.7	1,221,077
5015 Martins Creek (Oil)	10,859,138	31.6	6,769,482
5020 Brunner Island	7,477,790	21.8	4,670,086
5025 Conemaugh	942,189	2.7	578,405
5030 Keystone	814,051	2.4	514,138
5035 Montour	8,040,265	23.4	5,012,845
5040 Holtwood	1,546,353	4.5	964,009
Total	$34,352,627	100.0	$21,422,413
Other Production			
8005 Allentown	$ 184,051	13.9	$ 110,016
8010 Harwood	103,906	7.8	61,736
8015 Williamsport	111,903	8.4	66,485
8020 Harrisburg	190,027	14.3	113,182
8025 Jenkins	108,876	8.2	64,902
8030 Sunbury (D)	19,572	1.5	11,872
8035 Sunbury	13,540	1.0	7,914
8040 Martins Creek (D)	16,875	1.3	10,289
8045 Martins Creek	24,304	1.8	14,247
8050 Brunner Island (D)	20,836	1.6	12,664
8055 Conemaugh	3,162	0.2	1,583
8060 Keystone	3,824	0.3	2,374
8065 Fishbach	131,654	10.0	79,148
8070 West Shore	128,834	9.7	76,774
8075 Lock Haven	75,032	5.7	45,115
8080 Surburban	189,639	14.3	113,182
Total	$ 1,326,035	100.0	$ 791,483

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT
1/1/82 - 7/31/82

Power Plant		12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
Steam Production						
5005	Sunbury	$ 72,396,194	$ 1,692,371	$ (96,135)	$ 402	$ 73,992,832
5010	Martins Creek (Coal)	29,862,242	1,221,077	(1,331)	0	31,081,988
5015	Martins Creek (Oil)	58,645,753	6,769,482	72	0	65,415,307
5020	Brunner Island	79,817,685	4,670,086	(327,925)	(2,816)	84,157,030
5025	Conemaugh	8,919,731	578,405	(11,537)	0	9,486,599
5030	Keystone	10,239,756	514,138	(65,352)	0	10,688,542
5035	Montour	69,504,777	5,012,845	(48,431)	689	74,469,880
5040	Holtwood	15,118,991	964,009	$ (24,122)	353	16,059,231
	Total	$344,505,129	$21,422,413	$(574,761)	$(1,372)	$365,351,409
Other Production						
8005	Allentown	$ 2,730,564	$ 110,016	$ 0	$ 0	$ 2,840,580
8010	Harwood	1,516,908	61,736	(26,172)	0	1,552,472
8015	Williamsport	1,563,625	66,485	(25,900)	0	1,604,210
8020	Harrisburg	2,753,405	113,182	0	0	2,866,587
8025	Jenkins	1,595,653	64,902	0	0	1,660,555
8030	Sunbury (D)	337,762	11,872	0	0	349,634
8035	Sunbury	155,175	7,914	0	0	163,089
8040	Martins Creek (D)	301,145	10,289	0	0	311,434
8045	Martins Creek	239,133	14,247	0	0	253,380
8050	Brunner Island (D)	375,175	12,664	0	0	387,839
8055	Conemaugh	43,900	1,583	0	0	45,483
8060	Keystone	60,375	2,374	0	0	62,749
8065	Fishbach	1,527,131	79,148	0	0	1,606,279
8070	West Shore	1,529,112	76,774	(1)	0	1,605,885
8075	Lock Haven	871,899	45,115	(1)	0	917,013
8080	Suburban	3,419,848	113,182	0	0	3,533,030
	Total	$ 19,020,810	$ 791,483	$ (52,074)	$ 0	$ 19,760,219

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** NO.	ACCOUNT ********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
STEAM PRODUCTION					
SUNBURY S.E.S.	2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	700,589	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	28,640,474	R4- 80	16,922,288	662,590
312.0	BOILER PLANT EQUIPMENT	52,670,025	S0- 55	27,093,681	1,585,545
314.0	TURBO-GENERATOR UNITS	18,359,285	S0- 60	8,110,019	615,960
315.0	ACCESSORY ELECTRIC EQUIPMENT	7,114,579	R3- 65	4,156,391	173,266
316.0	MISC POWER PLANT EQUIPMENT	1,827,728	R2- 50	769,818	63,800
TOTAL - SUNBURY S.E.S.		109,312,680		57,052,197	3,101,161
MARTINS CREEK #1 & #2 S.E.S.	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	1,967,278	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	8,913,615	R4- 80	5,120,551	294,730
312.0	BOILER PLANT EQUIPMENT	30,711,154	S0- 55	15,592,628	1,238,088
314.0	TURBO-GENERATOR UNITS	11,599,297	S0- 60	6,420,644	423,099
315.0	ACCESSORY ELECTRIC EQUIPMENT	3,709,655	R3- 65	1,979,526	135,974
316.0	MISC POWER PLANT EQUIPMENT	777,055	R2- 50	360,956	33,599
TOTAL - MARTINS CREEK #1 & #2 S.E.S.		57,678,054		29,474,305	2,125,490
MARTINS CREEK #3 & #4 S.E.S.	2010 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	12,458	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	55,379,303	R4- 80	10,236,834	1,621,224
312.0	BOILER PLANT EQUIPMENT	179,049,137	S0- 55	32,707,150	5,821,822
314.0	TURBO-GENERATOR UNITS	93,279,583	S0- 60	16,751,119	2,998,768
315.0	ACCESSORY ELECTRIC EQUIPMENT	34,200,503	R3- 65	6,287,985	1,020,396
316.0	MISC POWER PLANT EQUIPMENT	3,955,831	R2- 50	729,715	124,611
TOTAL - MARTINS CREEK #3 & #4 S.E.S.		365,876,815		66,712,803	11,586,821
BRUNNER ISLAND S.E.S.	1999 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	1,745,995	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	25,856,970	R4- 80	9,574,552	964,211
312.0	BOILER PLANT EQUIPMENT	154,674,644	S0- 55	48,961,646	6,622,866
314.0	TURBO-GENERATOR UNITS	42,308,316	S0- 60	20,289,832	1,398,968
315.0	ACCESSORY ELECTRIC EQUIPMENT	16,372,591	R3- 65	4,467,451	710,576
316.0	MISC POWER PLANT EQUIPMENT	1,617,975	R2- 50	627,838	61,589
TOTAL - BRUNNER ISLAND S.E.S.		242,576,491		83,921,319	9,758,210
CONEMAUGH S.E.S.	2005 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	138,015	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	3,017,250	R4- 80	935,613	91,076
312.0	BOILER PLANT EQUIPMENT	17,941,724	S0- 55	5,384,008	602,938
314.0	TURBO-GENERATOR UNITS	8,061,133	S0- 60	2,536,329	262,385
315.0	ACCESSORY ELECTRIC EQUIPMENT	2,069,433	R3- 65	614,167	64,730
316.0	MISC POWER PLANT EQUIPMENT	359,401	R2- 50	97,543	12,189

********** NO.	ACCOUNT DESCRIPTION **********	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
TOTAL - CONEMAUGH S.E.S.		31,586,956		9,567,660	1,033,318
KEYSTONE S.E.S.		2002 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	462,898		N O N - D E P R E C I A B L E	
311.0	STRUCTURES AND IMPROVEMENTS	3,007,388	R4- 80	1,162,618	92,880
312.0	BOILER PLANT EQUIPMENT	15,892,254	S0- 55	6,012,843	542,075
314.0	TURBO-GENERATOR UNITS	6,447,617	S0- 60	2,591,424	209,793
315.0	ACCESSORY ELECTRIC EQUIPMENT	1,462,473	R3- 65	583,433	45,036
316.0	MISC POWER PLANT EQUIPMENT	389,503	R2- 50	126,821	13,962
TOTAL - KEYSTONE S.E.S.		27,662,133		10,477,139	903,746
MONTOUR S.E.S.		2007 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	3,584,720		N O N - D E P R E C I A B L E	
311.0	STRUCTURES AND IMPROVEMENTS	35,158,642	R4- 80	8,506,170	1,072,284
312.0	BOILER PLANT EQUIPMENT	158,498,593	S0- 55	40,109,617	5,250,629
314.0	TURBO-GENERATOR UNITS	70,056,646	S0- 60	19,299,079	2,229,455
315.0	ACCESSORY ELECTRIC EQUIPMENT	20,830,894	R3- 65	5,143,012	642,139
316.0	MISC POWER PLANT EQUIPMENT	2,321,072	R2- 50	548,915	76,218
TOTAL - MONTOUR S.E.S.		290,450,567		73,606,793	9,270,725
HOLTWOOD S.E.S.		1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	163,195		N O N - D E P R E C I A B L E	
311.0	STRUCTURES AND IMPROVEMENTS	8,288,178	R4- 80	4,321,296	334,759
312.0	BOILER PLANT EQUIPMENT	22,800,688	S0- 55	8,548,418	1,240,028
314.0	TURBO-GENERATOR UNITS	3,179,510	S0- 60	2,199,630	88,348
315.0	ACCESSORY ELECTRIC EQUIPMENT	2,752,195	R3- 65	1,482,625	108,476
316.0	MISC POWER PLANT EQUIPMENT	517,932	R2- 50	249,935	23,490
TOTAL - HOLTWOOD S.E.S.		37,701,698		16,801,904	1,795,101
TOTAL - STEAM PRODUCTION		1,162,845,394		347,614,120	39,574,572
OTHER PRODUCTION					
ALLENTOWN C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
342.0	FUEL HOLDER-PRODUCERS & ACCESS	212,696	S2- 65	85,698	12,841
343.0	PRIME MOVERS	2,763,938	R4- 70	1,663,009	111,193
344.0	GENERATORS	1,087,457	R4- 70	656,248	43,553
345.0	ACCESSORY ELECTRIC EQUIPMENT	510,585	R3- 65	302,298	21,168
346.0	MISC POWER PLANT EQUIPMENT	30,902	R2- 50	17,080	1,432
TOTAL - ALLENTOWN C/T		4,605,578		2,724,333	190,187
HARWOOD C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
341.0	STRUCTURES AND IMPROVEMENTS	8,531	R4- 80	1,985	660
342.0	FUEL HOLDER-PRODUCERS & ACCESS	81,771	S2- 65	45,993	3,627
343.0	PRIME MOVERS	1,621,816	R4- 70	951,211	67,724
344.0	GENERATORS	552,747	R4- 70	333,566	22,138
345.0	ACCESSORY ELECTRIC EQUIPMENT	290,428	R3- 65	170,425	12,194

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
346.0	MISC POWER PLANT EQUIPMENT	20,351	R2- 50	11,072	960
TOTAL - HARWOOD C/T		2,575,644		1,514,252	107,303
WILLIAMSPORT C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
341.0	STRUCTURES AND IMPROVEMENTS	22,098	R4- 80	12,094	1,009
342.0	FUEL HOLDER-PRODUCERS & ACCESS	138,626	S2- 65	55,525	8,400
343.0	PRIME MOVERS	1,722,906	R4- 70	977,053	75,315
344.0	GENERATORS	547,020	R4- 70	330,110	21,908
345.0	ACCESSORY ELECTRIC EQUIPMENT	283,680	R3- 65	166,927	11,864
346.0	MISC POWER PLANT EQUIPMENT	18,561	R2- 50	10,371	848
TOTAL - WILLIAMSPORT C/T		2,732,891		1,552,080	119,344
HARRISBURG C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
341.0	STRUCTURES AND IMPROVEMENTS	28,601	R4- 80	4,965	2,384
342.0	FUEL HOLDER-PRODUCERS & ACCESS	203,567	S2- 65	84,043	12,086
343.0	PRIME MOVERS	2,798,055	R4- 70	1,676,005	113,323
344.0	GENERATORS	1,088,343	R4- 70	656,782	43,588
345.0	ACCESSORY ELECTRIC EQUIPMENT	525,582	R3- 65	310,713	21,837
346.0	MISC POWER PLANT EQUIPMENT	32,039	R2- 50	16,282	1,627
TOTAL - HARRISBURG C/T		4,676,187		2,748,790	194,845
JENKINS C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
340.0	LAND AND LAND RIGHTS			N O N - D E P R E C I A B L E	
341.0	STRUCTURES AND IMPROVEMENTS	79,010	R4- 80	40,984	3,837
342.0	FUEL HOLDER-PRODUCERS & ACCESS	78,566	S2- 65	44,039	3,500
343.0	PRIME MOVERS	1,654,734	R4- 70	995,489	66,583
344.0	GENERATORS	550,388	R4- 70	332,143	22,043
345.0	ACCESSORY ELECTRIC EQUIPMENT	287,238	R3- 65	168,911	12,024
346.0	MISC POWER PLANT EQUIPMENT	20,789	R2- 50	11,289	982
TOTAL - JENKINS C/T		2,670,725		1,592,855	108,969
SUNBURY (D) C/T		2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
342.0	FUEL HOLDER-PRODUCERS & ACCESS	1,292	S2- 65	596	40
343.0	PRIME MOVERS	278,572	R4- 70	127,544	8,469
344.0	GENERATORS	58,723	R4- 70	26,886	1,785
345.0	ACCESSORY ELECTRIC EQUIPMENT	121,922	R3- 65	53,869	3,868
346.0	MISC POWER PLANT EQUIPMENT	1,325	R2- 50	602	43
TOTAL - SUNBURY (D) C/T		461,834		209,497	14,205
SUNBURY C/T		2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
341.0	STRUCTURES AND IMPROVEMENTS	116,907	R4- 80	41,281	4,228
342.0	FUEL HOLDER-PRODUCERS & ACCESS	222,948	S2- 65	28,864	10,858
343.0	PRIME MOVERS	49,032	R4- 70	18,759	1,694
345.0	ACCESSORY ELECTRIC EQUIPMENT	76,722	R3- 65	25,626	2,885
346.0	MISC POWER PLANT EQUIPMENT	8,352	R2- 50	2,375	347

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
TOTAL - SUNBURY C/T		473,961		116,905	20,012
MARTINS CREEK (D) C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	2,335	S2- 65	1,262	84
343.0	PRIME MOVERS	277,309	R4- 70	149,472	9,922
344.0	GENERATORS	58,499	R4- 70	31,532	2,093
345.0	ACCESSORY ELECTRIC EQUIPMENT	123,944	R3- 65	65,668	4,564
346.0	MISC POWER PLANT EQUIPMENT	4,433	R2- 50	1,538	230
TOTAL - MARTINS CREEK (D) C/T		466,520		249,472	16,893
MARTINS CREEK C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	238,075	R4- 80	105,449	10,276
342.0	FUEL HOLDER-PRODUCERS & ACCESS	101,098	S2- 65	24,404	5,946
343.0	PRIME MOVERS	82,127	R4- 70	37,939	3,426
345.0	ACCESSORY ELECTRIC EQUIPMENT	134,002	R3- 65	61,886	5,629
346.0	MISC POWER PLANT EQUIPMENT	21,566	R2- 50	6,965	1,160
TOTAL - MARTINS CREEK C/T		576,868		236,643	26,437
BRUNNER ISLAND (D) C/T	1999 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	1,589	S2- 65	755	50
343.0	PRIME MOVERS	411,593	R4- 70	194,280	12,899
344.0	GENERATORS	87,256	R4- 70	41,187	2,735
345.0	ACCESSORY ELECTRIC EQUIPMENT	160,997	R3- 65	76,040	5,112
346.0	MISC POWER PLANT EQUIPMENT	1,325	R2- 50	620	44
TOTAL - BRUNNER ISLAND (D) C/T		662,760		312,882	20,840
CONEMAUGH (D) C/T	2005 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
344.0	GENERATORS	107,642	R4- 70	37,026	3,098
345.0	ACCESSORY ELECTRIC EQUIPMENT	2,910	R3- 65	1,010	85
TOTAL - CONEMAUGH (D) C/T		110,552		38,036	3,183
KEYSTONE (D) C/T	2002 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	5,319	S2- 65	2,221	159
344.0	GENERATORS	113,606	R4- 70	47,159	3,354
345.0	ACCESSORY ELECTRIC EQUIPMENT	10,845	R3- 65	4,250	337
TOTAL - KEYSTONE (D) C/T		129,770		53,630	3,850
FISHBACH C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS	49,917	N O N - D E P R E C I A B L E		
341.0	STRUCTURES AND IMPROVEMENTS	84,431	R4- 80	39,326	3,787
342.0	FUEL HOLDER-PRODUCERS & ACCESS	142,832	S2- 65	47,598	8,013
343.0	PRIME MOVERS	2,107,474	R4- 70	1,033,572	90,246
344.0	GENERATORS	520,407	R4- 70	272,438	20,842
345.0	ACCESSORY ELECTRIC EQUIPMENT	489,033	R3- 65	250,345	20,199

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** ACCOUNT ********** NO.	DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
346.0	MISC POWER PLANT EQUIPMENT	13,037	R2- 50	5,306	665
TOTAL - FISHBACH C/T		3,407,131		1,648,585	143,752
WEST SHORE C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	40,669	R4- 80	21,173	1,638
342.0	FUEL HOLDER-PRODUCERS & ACCESS	160,319	S2- 65	53,459	8,992
343.0	PRIME MOVERS	2,071,043	R4- 70	1,029,219	87,553
344.0	GENERATORS	519,936	R4- 70	272,192	20,823
345.0	ACCESSORY ELECTRIC EQUIPMENT	481,387	R3- 65	247,701	19,778
346.0	MISC POWER PLANT EQUIPMENT	10,868	R2- 50	4,513	547
TOTAL - WEST SHORE C/T		3,284,222		1,628,257	139,331
LOCK HAVEN C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS	17,777	N O N - D E P R E C I A B L E		
341.0	STRUCTURES AND IMPROVEMENTS	168,659	R4- 80	87,172	6,845
342.0	FUEL HOLDER-PRODUCERS & ACCESS	118,486	S2- 65	40,648	6,549
343.0	PRIME MOVERS	1,048,575	R4- 70	522,407	44,218
344.0	GENERATORS	265,856	R4- 70	139,025	10,660
345.0	ACCESSORY ELECTRIC EQUIPMENT	246,846	R3- 65	126,789	10,160
346.0	MISC POWER PLANT EQUIPMENT	7,229	R2- 50	2,992	364
TOTAL - LOCK HAVEN C/T		1,873,428		919,033	78,796
SUBURBAN C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS		N O N - D E P R E C I A B L E		
341.0	STRUCTURES AND IMPROVEMENTS	914,591	R4- 80	660,751	20,134
342.0	FUEL HOLDER-PRODUCERS & ACCESS	244,462	S2- 65	118,474	9,815
343.0	PRIME MOVERS	2,072,789	R4- 70	1,002,256	83,015
344.0	GENERATORS	536,639	R4- 70	337,079	15,621
345.0	ACCESSORY ELECTRIC EQUIPMENT	1,067,301	R3- 65	744,428	26,001
346.0	MISC POWER PLANT EQUIPMENT	100,511	R2- 50	67,695	2,809
TOTAL - SUBURBAN C/T		4,936,293		2,930,683	157,395
TOTAL - OTHER PRODUCTION		33,644,364		18,475,933	1,345,342
	GRAND TOTAL	1,196,489,758		366,090,053	40,919,914

PENNSYLVANIA POWER & LIGHT COMPANY

FUTURE TEST YEAR RETIREMENTS

8/1/82 - 7/31/83

Steam Production	$ 990,600
Nuclear Production	0
Hydro Production	0
Other Production	77,200
Transmission	369,800
Distribution	12,308,250
General	639,200
Total	$14,385,050

RETIREMENTS DETAILS

BI	Location	Plant	Account	Year-In	Amount
00124	5010	Martins Creek (coal)	3120	1964	$ 39,000
00129	5010	Martins Creek (coal)	3110	1954	8,200
00130	5015	Martins Creek (oil)	3120	1975	64,000
00134	5010	Martins Creek (coal)	3120	1954	65,300
00135	5010	Martins Creek (coal)	3150	1954	33,300
00262	5005	Sunbury	3120	1969	30,400
00283	5005	Sunbury	3120	1949	87,600
00285	5005	Sunbury	3110	1977	57,400
00289	5005	Sunbury	3110	1949	5,500
00293	5005	Sunbury	3120	1960	18,900
00298	5005	Sunbury	3120	1965	10,800
00336	5040	Holtwood	3160	1954	24,000
00337	5040	Holtwood	3110	1977	69,300
00338	5040	Holtwood	3120	1925	4,500
00401	5020	Brunner Island	3120	1970	3,000
00403	5020	Brunner Island	3120	1961	102,100
00409	5020	Brunner Island	3120	1969	2,300
00473	5020	Brunner Island	3110	1976	4,200
00475	5020	Brunner Island	3120	1965	31,500
00475	5020	Brunner Island	3150	1965	3,150
00475	5020	Brunner Island	3160	1965	350
00510	5035	Montour	3120	1972	128,700
00585	5035	Montour	3120	1976	21,500
00588	5035	Montour	3120	1972	175,600
			Steam Production		$990,600
00624	8020	Harrisburg	3430	1967	$ 51,300
00625	8015	Williamsport	3430	1967	25,900
			Other Production		$ 77,200

PENNSYLVANIA POWER & LIGHT COMPANY

ACCRUALS 8/1/82 - 7/31/83

FUNCTION	8/1/82 - 12/31/82	1/1/83 - 7/31/83	TOTAL
Steam Production	15,301,750	22,689,240	37,990,990
Nuclear Production	0	2,470,183	2,470,183
Hydro Production	166,250	273,588	439,838
Other Production	565,335	805,672	1,371,007
Transmission	3,575,000	5,406,331	8,981,331
Distribution	16,831,260	24,879,169	41,710,429
General	1,165,420	1,913,338	3,078,758
TOTAL	37,605,015	58,437,521	96,042,536

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant

Power Plant	1981 Accruals	% of Total	Prorated Accruals August 1982 - July 1983
Steam Production			
5005 Sunbury	$ 2,705,871	7.9	$ 3,001,288
5010 Martins Creek (Coal)	1,966,970	5.7	2,165,486
5015 Martins Creek (Oil)	10,859,138	31.6	12,005,153
5020 Brunner Island	7,477,790	21.8	8,282,036
5025 Conemaugh	942,189	2.7	1,025,757
5030 Keystone	814,051	2.4	911,784
5035 Montour	8,040,265	23.4	8,889,892
5040 Holtwood	1,546,353	4.5	1,709,594
Total	$34,352,627	100.0	$37,990,990
Other Production			
8005 Allentown	$ 184,051	13.9	$ 190,570
8010 Harwood	103,906	7.8	106,938
8015 Williamsport	111,903	8.4	115,165
8020 Harrisburg	190,027	14.3	196,054
8025 Jenkins	108,876	8.2	112,423
8030 Sunbury (D)	19,572	1.5	20,565
8035 Sunbury	13,540	1.0	13,710
8040 Martins Creek (D)	16,875	1.3	17,823
8045 Martins Creek	24,304	1.8	24,678
8050 Brunner Island (D)	20,836	1.6	21,936
8055 Conemaugh	3,162	0.2	2,742
8060 Keystone	3,824	0.3	4,113
8065 Fishbach	131,654	10.0	137,101
8070 West Shore	128,834	9.7	132,988
8075 Lock Haven	75,032	5.7	78,147
8080 Surburban	189,639	14.3	196,054
Total	$ 1,326,035	100.0	$ 1,371,007

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY
8/1/82 - 7/31/83

Power Plant	7/31/82 Reserve Balance	August 1982 - July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
Steam Production					
5005 Sunbury	$ 73,992,832	$ 3,001,288	$210,600	$ 0	$ 76,783,520
5010 Martins Creek (Coal)	31,081,988	2,165,486	145,800	0	33,101,674
5015 Martins Creek (Oil)	65,415,307	12,005,153	64,000	0	77,356,460
5020 Brunner Island	84,157,030	8,282,036	146,600	0	92,292,466
5025 Conemaugh	9,486,599	1,025,757	0	0	10,512,356
5030 Keystone	10,688,542	911,784	0	0	11,600,326
5035 Montour	74,469,880	8,889,892	325,800	0	83,033,972
5040 Holtwood	16,059,231	1,709,594	97,800	0	17,671,025
Total	$365,351,409	$37,990,990	$990,600	$ 0	$402,351,799
Other Production					
8005 Allentown	$ 2,840,580	$ 190,570	$ 0	$ 0	$ 3,031,150
8010 Harwood	1,552,472	106,938	0	0	1,659,410
8015 Williamsport	1,604,210	115,165	25,900	0	1,693,475
8020 Harrisburg	2,866,587	196,054	51,300	0	3,011,341
8025 Jenkins	1,660,555	112,423	0	0	1,772,978
8030 Sunbury (D)	349,634	20,565	0	0	370,199
8035 Sunbury	163,089	13,710	0	0	176,799
8040 Martins Creek (D)	311,434	17,823	0	0	329,257
8045 Martins Creek	253,380	24,678	0	0	278,058
8050 Brunner Island (D)	387,839	21,936	0	0	409,775
8055 Conemaugh	45,483	2,742	0	0	48,225
8060 Keystone	62,749	4,113	0	0	66,862
8065 Fishbach	1,606,279	137,101	0	0	1,743,380
8070 West Shore	1,605,885	132,988	0	0	1,738,873
8075 Lock Haven	917,013	78,147	0	0	995,160
8080 Suburban	3,533,030	196,054	0	0	3,729,084
Total	$ 19,760,219	$ 1,371,007	$ 77,200	$ 0	$ 21,054,026

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** NO.	ACCOUNT ********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
STEAM PRODUCTION					
SUNBURY S.E.S.	2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	700,589	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	29,582,874	R4- 80	17,617,760	715,848
312.0	BOILER PLANT EQUIPMENT	58,736,425	S0- 55	28,646,022	1,943,348
314.0	TURBO-GENERATOR UNITS	18,885,285	S0- 60	8,680,518	646,892
315.0	ACCESSORY ELECTRIC EQUIPMENT	7,114,579	R3- 65	4,319,258	173,266
316.0	MISC POWER PLANT EQUIPMENT	1,827,728	R2- 50	827,275	63,805
TOTAL - SUNBURY S.E.S.		116,847,480		60,090,833	3,543,159
MARTINS CREEK #1 & #2 S.E.S.	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	1,967,278	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	9,020,415	R4- 80	5,417,722	303,382
312.0	BOILER PLANT EQUIPMENT	31,005,854	S0- 55	16,666,659	1,268,194
314.0	TURBO-GENERATOR UNITS	11,777,297	S0- 60	6,823,650	437,017
315.0	ACCESSORY ELECTRIC EQUIPMENT	4,368,455	R3- 65	2,105,614	191,965
316.0	MISC POWER PLANT EQUIPMENT	777,055	R2- 50	392,352	33,612
TOTAL - MARTINS CREEK #1 & #2 S.E.S.		58,916,354		31,405,997	2,234,170
MARTINS CREEK #3 & #4 S.E.S.	2010 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	12,458	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	56,059,303	R4- 80	11,882,799	1,645,538
312.0	BOILER PLANT EQUIPMENT	180,469,637	S0- 55	37,969,044	5,876,998
314.0	TURBO-GENERATOR UNITS	93,428,583	S0- 60	19,486,668	3,004,570
315.0	ACCESSORY ELECTRIC EQUIPMENT	34,245,503	R3- 65	7,296,069	1,022,022
316.0	MISC POWER PLANT EQUIPMENT	3,955,831	R2- 50	844,937	124,611
TOTAL - MARTINS CREEK #3 & #4 S.E.S.		368,171,315		77,479,517	11,673,739
BRUNNER ISLAND S.E.S.	1999 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	1,745,995	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	27,464,980	R4- 80	10,617,930	1,060,193
312.0	BOILER PLANT EQUIPMENT	157,741,414	S0- 55	55,175,022	6,816,589
314.0	TURBO-GENERATOR UNITS	42,869,316	S0- 60	21,574,924	1,432,851
315.0	ACCESSORY ELECTRIC EQUIPMENT	16,573,509	R3- 65	5,167,391	723,439
316.0	MISC POWER PLANT EQUIPMENT	1,624,077	R2- 50	684,685	62,017
TOTAL - BRUNNER ISLAND S.E.S.		248,019,291		93,219,952	10,095,089
CONEMAUGH S.E.S.	2005 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
310.0	LAND AND LAND RIGHTS	138,015	N O N - D E P R E C I A B L E		
311.0	STRUCTURES AND IMPROVEMENTS	3,017,250	R4- 80	1,026,078	91,099
312.0	BOILER PLANT EQUIPMENT	17,941,724	S0- 55	5,915,793	602,980
314.0	TURBO-GENERATOR UNITS	8,061,133	S0- 60	2,770,757	262,387
315.0	ACCESSORY ELECTRIC EQUIPMENT	2,069,433	R3- 65	677,785	64,730
316.0	MISC POWER PLANT EQUIPMENT	359,401	R2- 50	108,831	12,189

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** NO.	ACCOUNT ********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
TOTAL - CONEMAUGH S.E.S.		31,586,956		10,499,244	1,033,385
KEYSTONE S.E.S.		2002 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	462,898		NON-DEPRECIABLE	
311.0	STRUCTURES AND IMPROVEMENTS	3,007,388	R4- 80	1,255,215	92,885
312.0	BOILER PLANT EQUIPMENT	15,892,254	S0- 55	6,490,360	542,076
314.0	TURBO-GENERATOR UNITS	6,447,617	S0- 60	2,777,798	209,793
315.0	ACCESSORY ELECTRIC EQUIPMENT	1,462,473	R3- 65	627,404	45,041
316.0	MISC POWER PLANT EQUIPMENT	389,503	R2- 50	139,800	13,962
TOTAL - KEYSTONE S.E.S.		27,662,133		11,290,577	903,757
MONTOUR S.E.S.		2007 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	3,584,720		NON-DEPRECIABLE	
311.0	STRUCTURES AND IMPROVEMENTS	36,529,642	R4- 80	9,605,816	1,128,450
312.0	BOILER PLANT EQUIPMENT	166,359,413	S0- 55	44,949,099	5,590,776
314.0	TURBO-GENERATOR UNITS	70,149,646	S0- 60	21,292,499	2,233,366
315.0	ACCESSORY ELECTRIC EQUIPMENT	23,326,114	R3- 65	5,865,828	743,550
316.0	MISC POWER PLANT EQUIPMENT	2,417,932	R2- 50	622,769	80,296
TOTAL - MONTOUR S.E.S.		302,367,467		82,336,011	9,776,438
HOLTWOOD S.E.S.		1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
310.0	LAND AND LAND RIGHTS	163,195		NON-DEPRECIABLE	
311.0	STRUCTURES AND IMPROVEMENTS	8,680,078	R4- 80	4,653,056	370,699
312.0	BOILER PLANT EQUIPMENT	22,922,188	S0- 55	9,722,965	1,251,743
314.0	TURBO-GENERATOR UNITS	3,334,510	S0- 60	2,291,675	101,450
315.0	ACCESSORY ELECTRIC EQUIPMENT	2,752,195	R3- 65	1,588,316	108,476
316.0	MISC POWER PLANT EQUIPMENT	590,932	R2- 50	262,737	31,086
TOTAL - HOLTWOOD S.E.S.		38,443,098		18,518,749	1,863,454
TOTAL - STEAM PRODUCTION		1,192,014,094		384,840,880	41,123,191
OTHER PRODUCTION					
ALLENTOWN C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
342.0	FUEL HOLDER-PRODUCERS & ACCESS	212,696	S2- 65	97,383	12,967
343.0	PRIME MOVERS	2,763,938	R4- 70	1,774,009	111,193
344.0	GENERATORS	1,087,457	R4- 70	699,724	43,553
345.0	ACCESSORY ELECTRIC EQUIPMENT	510,585	R3- 65	323,226	21,168
346.0	MISC POWER PLANT EQUIPMENT	30,902	R2- 50	18,446	1,433
TOTAL - ALLENTOWN C/T		4,605,578		2,912,788	190,314
HARWOOD C/T		1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.			
341.0	STRUCTURES AND IMPROVEMENTS	8,531	R4- 80	2,645	660
342.0	FUEL HOLDER-PRODUCERS & ACCESS	140,771	S2- 65	55,990	9,528
343.0	PRIME MOVERS	1,621,816	R4- 70	1,018,825	67,724
344.0	GENERATORS	552,747	R4- 70	355,665	22,138
345.0	ACCESSORY ELECTRIC EQUIPMENT	290,428	R3- 65	182,484	12,194

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
346.0	MISC POWER PLANT EQUIPMENT	20,351	R2- 50	11,994	960
TOTAL - HARWOOD C/T		2,634,644		1,627,603	113,204
WILLIAMSPORT C/T	1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	22,098	R4- 80	13,102	1,009
342.0	FUEL HOLDER-PRODUCERS & ACCESS	138,626	S2- 65	63,904	8,400
343.0	PRIME MOVERS	1,777,206	R4- 70	1,042,813	82,463
344.0	GENERATORS	547,020	R4- 70	351,980	21,908
345.0	ACCESSORY ELECTRIC EQUIPMENT	283,680	R3- 65	178,659	11,864
346.0	MISC POWER PLANT EQUIPMENT	18,561	R2- 50	11,184	848
TOTAL - WILLIAMSPORT C/T		2,787,191		1,661,642	126,492
HARRISBURG C/T	1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	28,601	R4- 80	7,348	2,384
342.0	FUEL HOLDER-PRODUCERS & ACCESS	203,567	S2- 65	96,094	12,086
343.0	PRIME MOVERS	2,906,155	R4- 70	1,773,390	127,211
344.0	GENERATORS	1,088,343	R4- 70	700,294	43,588
345.0	ACCESSORY ELECTRIC EQUIPMENT	525,582	R3- 65	332,304	21,837
346.0	MISC POWER PLANT EQUIPMENT	32,039	R2- 50	17,823	1,630
TOTAL - HARRISBURG C/T		4,784,287		2,927,253	208,736
JENKINS C/T	1992 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS			N O N - D E P R E C I A B L E	
341.0	STRUCTURES AND IMPROVEMENTS	79,010	R4- 80	44,818	3,837
342.0	FUEL HOLDER-PRODUCERS & ACCESS	137,566	S2- 65	53,910	9,401
343.0	PRIME MOVERS	1,654,734	R4- 70	1,061,957	66,583
344.0	GENERATORS	550,388	R4- 70	354,147	22,043
345.0	ACCESSORY ELECTRIC EQUIPMENT	287,238	R3- 65	180,801	12,024
346.0	MISC POWER PLANT EQUIPMENT	20,789	R2- 50	12,233	982
TOTAL - JENKINS C/T		2,729,725		1,707,866	114,870
SUNBURY (D) C/T	2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	1,292	S2- 65	635	40
343.0	PRIME MOVERS	278,572	R4- 70	135,985	8,469
344.0	GENERATORS	58,723	R4- 70	28,666	1,785
345.0	ACCESSORY ELECTRIC EQUIPMENT	121,922	R3- 65	57,658	3,868
346.0	MISC POWER PLANT EQUIPMENT	1,325	R2- 50	641	43
TOTAL - SUNBURY (D) C/T		461,834		223,585	14,205
SUNBURY C/T	2000 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	116,907	R4- 80	45,504	4,228
342.0	FUEL HOLDER-PRODUCERS & ACCESS	222,948	S2- 65	39,716	10,858
343.0	PRIME MOVERS	49,032	R4- 70	20,450	1,694
345.0	ACCESSORY ELECTRIC EQUIPMENT	76,722	R3- 65	28,476	2,885
346.0	MISC POWER PLANT EQUIPMENT	8,352	R2- 50	2,704	347

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
TOTAL - SUNBURY C/T		473,961		136,850	20,012
MARTINS CREEK (D) C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	2,335	S2- 65	1,346	84
343.0	PRIME MOVERS	277,309	R4- 70	159,369	9,922
344.0	GENERATORS	58,499	R4- 70	33,619	2,093
345.0	ACCESSORY ELECTRIC EQUIPMENT	123,944	R3- 65	70,163	4,564
346.0	MISC POWER PLANT EQUIPMENT	4,433	R2- 50	1,759	230
TOTAL - MARTINS CREEK (D) C/T		466,520		266,256	16,893
MARTINS CREEK C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	238,075	R4- 80	115,716	10,276
342.0	FUEL HOLDER-PRODUCERS & ACCESS	101,098	S2- 65	30,346	5,946
343.0	PRIME MOVERS	82,127	R4- 70	41,361	3,426
345.0	ACCESSORY ELECTRIC EQUIPMENT	134,002	R3- 65	67,455	5,629
346.0	MISC POWER PLANT EQUIPMENT	21,566	R2- 50	8,082	1,160
TOTAL - MARTINS CREEK C/T		576,868		262,960	26,437
BRUNNER ISLAND (D) C/T	1999 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	1,589	S2- 65	804	50
343.0	PRIME MOVERS	411,593	R4- 70	207,138	12,899
344.0	GENERATORS	87,255	R4- 70	43,912	2,735
345.0	ACCESSORY ELECTRIC EQUIPMENT	160,997	R3- 65	81,047	5,112
346.0	MISC POWER PLANT EQUIPMENT	1,325	R2- 50	661	44
TOTAL - BRUNNER ISLAND (D) C/T		662,760		333,562	20,840
CONEMAUGH (D) C/T	2005 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
344.0	GENERATORS	107,642	R4- 70	40,116	3,098
345.0	ACCESSORY ELECTRIC EQUIPMENT	2,910	R3- 65	1,094	85
TOTAL - CONEMAUGH (D) C/T		110,552		41,210	3,183
KEYSTONE (D) C/T	2002 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
342.0	FUEL HOLDER-PRODUCERS & ACCESS	5,319	S2- 65	2,378	159
344.0	GENERATORS	113,606	R4- 70	50,501	3,354
345.0	ACCESSORY ELECTRIC EQUIPMENT	10,845	R3- 65	4,581	337
TOTAL - KEYSTONE (D) C/T		129,770		57,460	3,850
FISHBACH C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS	49,917		N O N - D E P R E C I A B L E	
341.0	STRUCTURES AND IMPROVEMENTS	84,431	R4- 80	43,111	3,787
342.0	FUEL HOLDER-PRODUCERS & ACCESS	142,832	S2- 65	55,593	8,013
343.0	PRIME MOVERS	2,107,474	R4- 70	1,123,699	90,246
344.0	GENERATORS	520,407	R4- 70	293,249	20,842
345.0	ACCESSORY ELECTRIC EQUIPMENT	489,033	R3- 65	270,314	20,199

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
346.0	MISC POWER PLANT EQUIPMENT	13,037	R2- 50	5,946	665
TOTAL - FISHBACH C/T		3,407,131		1,791,912	143,752
WEST SHORE C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
341.0	STRUCTURES AND IMPROVEMENTS	40,669	R4- 80	22,809	1,638
342.0	FUEL HOLDER-PRODUCERS & ACCESS	160,319	S2- 65	62,430	8,992
343.0	PRIME MOVERS	2,071,043	R4- 70	1,116,654	87,553
344.0	GENERATORS	519,936	R4- 70	292,984	20,823
345.0	ACCESSORY ELECTRIC EQUIPMENT	481,387	R3- 65	267,252	19,778
346.0	MISC POWER PLANT EQUIPMENT	10,868	R2- 50	5,040	547
TOTAL - WEST SHORE C/T		3,284,222		1,767,169	139,331
LOCK HAVEN C/T	1994 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS	17,777	N O N - D E P R E C I A B L E		
341.0	STRUCTURES AND IMPROVEMENTS	168,659	R4- 80	94,009	6,845
342.0	FUEL HOLDER-PRODUCERS & ACCESS	118,486	S2- 65	47,183	6,549
343.0	PRIME MOVERS	1,048,575	R4- 70	566,566	44,218
344.0	GENERATORS	265,856	R4- 70	149,669	10,650
345.0	ACCESSORY ELECTRIC EQUIPMENT	246,846	R3- 65	136,834	10,160
346.0	MISC POWER PLANT EQUIPMENT	7,229	R2- 50	3,344	364
TOTAL - LOCK HAVEN C/T		1,873,428		997,605	78,796
SUBURBAN C/T	1995 ESTIMATED DEACTIVATION DATE; SURVIVOR CURVES ARE INTERIM SURVIVOR CURVES.				
340.0	LAND AND LAND RIGHTS		N O N - D E P R E C I A B L E		
341.0	STRUCTURES AND IMPROVEMENTS	914,591	R4- 80	680,247	20,134
342.0	FUEL HOLDER-PRODUCERS & ACCESS	333,462	S2- 65	135,661	16,664
343.0	PRIME MOVERS	2,072,789	R4- 70	1,085,126	83,015
344.0	GENERATORS	536,639	R4- 70	352,492	15,621
345.0	ACCESSORY ELECTRIC EQUIPMENT	1,067,301	R3- 65	768,976	26,001
346.0	MISC POWER PLANT EQUIPMENT	100,511	R2- 50	70,111	2,809
TOTAL - SUBURBAN C/T		5,025,293		3,092,613	164,244
TOTAL - OTHER PRODUCTION		34,013,764		19,808,334	1,385,159
	GRAND TOTAL	1,226,027,858		404,649,214	42,508,350

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 3

PP&L DEPRECIATION RESERVE - DETAILS

1981

ANNUAL DEPRECIATION - LIFE SPAN
STEAM PRODUCTION

Power Plant (Deactivation Year)	Account	Average Depreciable Plant	Annual Accrual	Annual Rate
SUNBURY (5005)	3110	$ 28,682,437	$ 656,828	2.290
(2000)	3120	52,268,884	1,405,510	2.689
	3140	16,383,668	431,054	2.631
	3150	7,018,539	167,883	2.392
	3160	1,489,030	44,596	2.995
TOTAL		$105,842,558	$ 2,705,871	2.557
MARTINS CREEK (COAL) (5010)	3110	$ 8,944,158	$ 297,572	3.327
(1995)	3120	30,017,962	1,113,066	3.708
	3140	11,599,480	395,542	3.410
	3150	3,682,304	132,821	3.607
	3160	724,208	27,969	3.862
TOTAL		$ 54,968,112	$ 1,966,970	3.578
MARTINS CREEK (OIL) (5015)	3110	$ 55,423,040	$ 1,622,232	2.927
(2010)	3120	178,936,938	5,346,636	2.988
	3140	92,648,487	2,750,734	2.969
	3150	34,190,746	1,015,123	2.969
	3160	4,071,115	124,413	3.056
TOTAL		$365,270,326	$ 10,859,138	2.973
BRUNNER ISLAND (5020)	3110	$ 24,928,098	$ 901,649	3.617
(1999)	3120	135,345,326	4,841,302	3.577
	3140	42,059,912	1,279,883	3.043
	3150	11,922,820	399,414	3.350
	3160	1,608,052	55,542	3.454
TOTAL		$215,864,208	$ 7,477,790	3.464
CONEMAUGH (5025)	3110	$ 2,886,336	$ 85,695	2.969
(2005)	3120	17,867,728	552,113	3.090
	3140	7,762,701	227,835	2.935
	3150	2,117,038	66,327	3.133
	3160	325,138	10,219	3.143
TOTAL		$ 30,958,941	$ 942,189	3.043
KEYSTONE (5030)	3110	$ 2,891,644	$ 85,766	2.966
(2002)	3120	15,576,686	480,852	3.087
	3140	6,397,513	191,925	3.000
	3150	1,439,458	43,443	3.018
	3160	364,618	12,065	3.309
TOTAL		$ 26,669,919	$ 814,051	3.052

1981

ANNUAL DEPRECIATION - LIFE SPAN
STEAM PRODUCTION

Power Plant (Deactivation Year)	Account	Average Depreciable Plant	Annual Accrual	Annual Rate
MONTOUR (5035)	3110	$ 31,333,456	$ 919,324	2.934
(2007)	3120	149,185,118	4,462,127	3.087
	3140	69,660,616	2,041,753	2.931
	3150	18,629,462	550,501	2.955
	3160	2,151,276	66,560	3.094
TOTAL		$270,959,928	$ 8,040,265	2.967
HOLTWOOD (5040)	3110	$ 7,876,512	$ 283,948	3.605
(1994)	3120	21,280,408	1,065,723	5.008
	3140	3,179,510	79,806	2.510
	3150	2,667,451	99,976	3.748
	3160	444,270	16,900	3.804
TOTAL		$ 35,448,151	$ 1,546,353	4.362

1981

ANNUAL DEPRECIATION - LIFE SPAN
OTHER PRODUCTION

Power Plant (Deactivation Year)	Account	Average Depreciable Plant	Annual Accrual	Annual Rate
ALLENTOWN (8005)	3410	$ 0	$ 0	0
(1992)	3420	151,332	6,830	4.513
	3430	2,763,938	111,221	4.024
	3440	1,087,457	43,564	4.006
	3450	510,585	21,062	4.125
	3460	30,517	1,374	4.502
TOTAL		$ 4,543,829	$ 184,051	4.051
HARWOOD (8010)	3410	$ 7,928	$ 610	7.694
(1992)	3420	81,771	3,627	4.436
	3430	1,600,218	64,441	4.027
	3440	552,747	22,143	4.006
	3450	290,428	12,131	4.177
	3460	20,528	954	4.646
TOTAL		$ 2,553,620	$ 103,906	4.069
WILLIAMSPORT (8015)	3410	$ 21,511	$ 956	4.445
(1992)	3420	133,662	7,865	5.884
	3430	1,668,678	68,516	4.106
	3440	547,020	21,914	4.006
	3450	283,680	11,804	4.161
	3460	18,854	848	4.497
TOTAL		$ 2,673,405	$ 111,903	4.186
HARRISBURG (8020)	3410	$ 27,682	$ 2,307	8.335
(1992)	3420	170,668	7,562	4.431
	3430	2,798,055	113,349	4.051
	3440	1,088,343	43,599	4.006
	3450	525,582	21,728	4.134
	3460	31,418	1,482	4.717
TOTAL		$ 4,641,748	$ 190,027	4.094
JENKINS (8025)	3410	$ 78,407	$ 3,787	4.830
(1992)	3420	78,548	3,498	4.453
	3430	1,654,734	66,603	4.025
	3440	550,388	22,049	4.006
	3450	287,238	11,963	4.165
	3460	20,966	976	4.656
TOTAL		$ 2,670,281	$ 108,876	4.077
SUNBURY (D) (8030)	3410	$ 0	$ 0	0
(1991)	3420	1,292	54	4.180
	3430	278,572	11,622	4.172
	3440	58,723	2,450	4.172
	3450	122,566	5,389	4.397
	3460	1,325	57	4.265
TOTAL		$ 462,478	$ 19,572	4.232

1981

ANNUAL DEPRECIATION - LIFE SPAN
OTHER PRODUCTION

Power Plant (Deactivation Year)	Account	Average Depreciable Plant	Annual Accrual	Annual Rate
SUNBURY (8035)	3410	$ 104,600	$ 5,232	5.002
(1991)	3420	20,019	1,003	5.008
	3430	49,032	2,453	5.003
	3440	0	0	0
	3450	76,722	4,326	5.638
	3460	8,320	526	6.323
TOTAL		$ 258,693	$ 13,540	5.234
MARTINS CREEK (D) (8040)	3410	$ 0	$ 0	0
(1995)	3420	2,335	84	3.593
	3430	277,309	9,930	3.581
	3440	58,499	2,095	3.581
	3450	123,944	4,539	3.662
	3460	4,433	227	5.121
TOTAL		$ 466,520	$ 16,875	3.617
MARTINS CREEK (8045)	3410	$ 238,075	$ 10,278	4.317
(1995)	3420	77,773	3,855	4.957
	3430	82,127	3,426	4.172
	3440	0	0	0
	3450	134,002	5,601	4.180
	3460	21,534	1,144	5.314
TOTAL		$ 553,511	$ 24,304	4.391
BRUNNER ISLAND (D) (8050)	3410	$ 0	$ 0	0
(1999)	3420	1,589	50	3.158
	3430	411,593	12,920	3.139
	3440	87,256	2,739	3.139
	3450	160,997	5,084	3.158
	3460	1,325	43	3.246
TOTAL		$ 662,760	$ 20,836	3.144
CONEMAUGH (8055)	3410	$ 0	$ 0	0
(2005)	3420	0	0	0
	3430	0	0	0
	3440	107,029	3,078	2.876
	3450	2,910	84	2.900
	3460	0	0	0
TOTAL		$ 109,939	$ 3,162	2.876
KEYSTONE (8060)	3410	$ 0	$ 0	0
(2002)	3420	5,319	159	2.985
	3430	0	0	0
	3440	113,606	3,360	2.958
	3450	10,232	305	2.980
	3460	0	0	0
TOTAL		$ 129,157	$ 3,824	2.961

1981

ANNUAL DEPRECIATION - LIFE SPAN
OTHER PRODUCTION

Power Plant (Deactivation Year)	Account	Average Depreciable Plant	Annual Accrual	Annual Rate
FISHBACH (8065)	3410	$ 84,431	$ 3,788	4.486
(1994)	3420	116,765	5,172	4.429
	3430	2,018,592	81,127	4.019
	3440	520,407	20,848	4.006
	3450	489,033	20,094	4.109
	3460	12,701	625	4.917
TOTAL		$ 3,241,929	$ 131,654	4.061
WEST SHORE (8070)	3410	$ 40,669	$ 1,637	4.026
(1994)	3420	131,088	5,782	4.411
	3430	2,001,203	80,388	4.017
	3440	519,936	20,829	4.006
	3450	481,387	19,674	4.087
	3460	10,698	524	4.894
TOTAL		$ 3,184,981	$ 128,834	4.045
LOCKHAVEN (8075)	3410	$ 168,659	$ 6,844	4.058
(1994)	3420	114,476	6,192	5.409
	3430	1,015,238	40,802	4.019
	3440	265,856	10,663	4.011
	3450	248,846	10,188	4.094
	3460	7,052	343	4.862
TOTAL		$ 1,820,127	$ 75,032	4.122
SUBURBAN (8080)	3410	$ 914,033	$ 22,759	2.490
(1990)	3420	244,462	12,243	5.008
	3430	2,072,789	103,702	5.003
	3440	536,639	18,616	3.469
	3450	1,067,301	29,404	2.755
	3460	97,844	2,915	2.979
TOTAL		$ 4,933,068	$ 189,639	3.844

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

STEAM PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
5005 Sunbury					
Account 3110	$20,679,543	$ 656,828	$ 0	$ 0	$21,336,371
3120	33,614,845	1,405,510	(47,762)	0	34,972,593
3140	9,731,375	431,054	0	0	10,162,429
3150	5,019,491	167,883	0	0	5,187,374
3160	721,488	44,596	(30,008)	1,351	737,427
Total	$69,766,742	$2,705,871	$ (77,770)	$ 1,351	$72,396,194
5010 Martins Creek (C)					
Account 3110	$ 5,046,474	$ 297,572	$ 0	$ 0	$ 5,344,046
3120	14,575,044	1,113,066	(1,292)	0	15,686,818
3140	6,142,236	395,542	0	0	6,537,778
3150	1,822,749	132,821	0	0	1,955,570
3160	313,740	27,969	(3,679)	0	338,030
Total	$27,900,243	$1,966,970	$ (4,971)	$ 0	$29,862,242
5015 Martins Creek (O)					
Account 3110	$ 7,281,615	$1,622,232	$ 0	$ 0	$ 8,903,847
3120	23,488,944	5,346,636	(16,651)	0	28,818,929
3140	11,881,296	2,750,734	0	0	14,632,030
3150	4,588,287	1,015,123	0	0	5,603,410
3160	565,925	124,413	(2,801)	0	687,537
Total	$47,806,067	$10,859,138	$ (19,452)	$ 0	$58,645,753
5020 Brunner Island					
Account 3110	$ 8,235,460	$ 901,649	$ 7,220	$ 0	$ 9,144,329
3120	41,247,809	4,841,302	(494,354)	0	45,594,757
3140	19,150,375	1,279,883	0	0	20,430,258
3150	3,582,635	399,414	0	0	3,982,049
3160	623,407	55,542	(10,191)	(2,466)	666,292
Total	$72,839,686	$7,477,790	$(497,325)	$(2,466)	$79,817,685

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

STEAM PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
5025 Conemaugh					
Account 3110	$ 757,832	$ 85,695	$ (609)	$(3,390)	$ 839,528
3120	4,424,886	552,113	1,329	(2,870)	4,975,458
3140	2,191,972	227,835	(1,614)	8,590	2,426,783
3150	527,820	66,327	0	(2,544)	592,603
3160	76,348	10,219	(422)	214	86,359
Total	$ 7,978,858	$ 942,189	$ (1,316)	$ 0	$ 8,919,731
5030 Keystone					
Account 3110	$ 1,028,388	$ 85,766	$ (94)	$ 4,459	$ 1,118,519
3120	5,508,587	480,852	(22,743)	(15,906)	5,950,790
3140	2,301,186	191,925	(3,835)	11,447	2,500,723
3150	523,277	43,443	(3,268)	0	563,452
3160	94,678	12,065	(471)	0	106,272
Total	$ 9,456,116	$ 814,051	$ (30,411)	$ 0	$10,239,756
5035 Montour					
Account 3110	$ 7,061,570	$ 919,324	$ 0	$ 0	$ 7,980,894
3120	33,359,721	4,462,127	(128,800)	0	37,693,048
3140	16,140,596	2,041,753	0	0	18,182,349
3150	4,405,266	550,501	0	0	4,955,767
3160	629,186	66,560	(3,262)	235	692,719
Total	$61,596,339	$8,040,265	$(132,062)	$ 235	$69,504,777
5040 Holtwood					
Account 3110	$ 4,096,346	$ 283,948	$ (7,665)	$ 0	$ 4,372,629
3120	5,718,616	1,065,723	0	0	6,784,339
3140	2,229,161	79,806	0	0	2,308,967
3150	1,346,331	99,976	(1,809)	0	1,444,498
3160	192,910	16,900	487	(1,739)	208,558
Total	$13,583,364	$1,546,353	$ (8,987)	$(1,739)	$15,118,991

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

OTHER PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
8005 Allentown					
Account 3410	$ 1,992	$ 0	$ 0	$(1,992)	$ 0
3420	75,334	6,830	0	0	82,164
3430	1,565,959	111,221	0	1,992	1,679,172
3440	618,296	43,564	0	0	661,860
3450	270,561	21,062	0	0	291,623
3460	14,329	1,374	0	42	15,745
Total	$ 2,546,471	$ 184,051	$ 0	$ 42	$ 2,730,564
8010 Harwood					
Account 3410	$ 1,787	$ 610	$ 0	$ 0	$ 2,397
3420	41,502	3,627	0	0	45,129
3430	901,302	64,441	0	0	965,743
3440	312,794	22,143	0	0	334,937
3450	147,035	12,131	0	0	159,166
3460	8,582	954	0	0	9,536
Total	$ 1,413,002	$ 103,906	$ 0	$ 0	$ 1,516,908
8015 Williamsport					
Account 3410	$ 10,680	$ 956	$ 0	$ 0	$ 11,636
3420	42,092	7,865	0	0	49,957
3430	927,003	68,516	0	0	995,519
3440	316,408	21,914	0	0	338,322
3450	152,700	11,804	0	0	164,504
3460	2,839	848	0	0	3,687
Total	$ 1,451,722	$ 111,903	$ 0	$ 0	$ 1,563,625
8020 Harrisburg					
Account 3410	$ 849	$ 2,307	$ 0	$ 0	$ 3,156
3420	71,733	7,562	0	0	79,295
3430	1,574,013	113,349	0	0	1,687,362
3440	618,446	43,599	0	0	662,045
3450	286,800	21,728	0	0	308,528
3460	11,537	1,482	0	0	13,019
Total	$ 2,563,378	$ 190,027	$ 0	$ 0	$ 2,753,405

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

OTHER PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
8025 Jenkins					
Account 3410	$ 36,589	$ 3,787	$ 0	$ 0	$ 40,376
3420	40,364	3,498	0	0	43,862
3430	934,092	66,603	0	0	1,000,695
3440	311,098	22,049	0	0	333,147
3450	155,652	11,963	0	0	167,615
3460	8,982	976	0	0	9,958
Total	$ 1,486,777	$ 108,876	$ 0	$ 0	$ 1,595,653
8030 Sunbury (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	945	54	0	0	999
3430	194,770	11,622	0	0	206,392
3440	41,066	2,450	0	0	43,516
3450	82,532	5,389	(1,288)	0	86,633
3460	165	57	0	0	222
Total	$ 319,478	$ 19,572	$ (1,288)	$ 0	$ 337,762
8035 Sunbury					
Account 3410	$ 61,964	$ 5,232	$ 0	$ 0	$ 67,196
3420	11,767	1,003	0	0	12,770
3430	28,701	2,453	0	0	31,154
3440	0	0	0	0	0
3450	36,404	4,326	0	0	40,730
3460	2,757	526	0	42	3,325
Total	$ 141,593	$ 13,540	$ 0	$ 42	$ 155,175
8040 Martins Creek (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	1,419	84	0	0	1,503
3430	170,725	9,930	0	0	180,655
3440	36,089	2,095	0	0	38,184
3450	75,239	4,539	0	0	79,778
3460	756	227	0	42	1,025
Total	$ 284,228	$ 16,875	$ 0	$ 42	$ 301,145

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

OTHER PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
8045 Martins Creek					
Account 3410	$ 100,163	$ 10,278	$ 0	$ 0	$ 110,441
3420	13,037	3,855	0	0	16,892
3430	37,843	3,426	0	0	41,269
3440	0	0	0	0	0
3450	61,888	5,601	0	0	67,489
3460	1,898	1,144	0	0	3,042
Total	$ 214,829	$ 24,304	$ 0	$ 0	$ 239,133
8050 Brunner Island (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	750	50	0	0	800
3430	219,694	12,920	0	0	232,614
3440	46,714	2,739	0	0	49,453
3450	87,063	5,084	0	0	92,147
3460	118	43	0	0	161
Total	$ 354,339	$ 20,836	$ 0	$ 0	$ 375,175
8055 Conemaugh					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	0	0	0	0	0
3430	0	0	0	0	0
3440	39,644	3,078	0	0	42,722
3450	1,094	84	0	0	1,178
3460	0	0	0	0	0
Total	$ 40,738	$ 3,162	$ 0	$ 0	$ 43,900
8060 Keystone					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	2,369	159	0	0	2,528
3430	0	0	0	0	0
3440	49,933	3,360	0	0	53,293
3450	4,249	305	0	0	4,554
3460	0	0	0	0	0
Total	$ 56,551	$ 3,824	$ 0	$ 0	$ 60,375

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT

OTHER PRODUCTION 1981

Power Plant By Account	12/31/80 Reserve Balance	1981 Accruals	1981 Retirements	1981 Transfers/ Adjustments	12/31/81 Reserve Balance
8065 Fishbach					
Account 3410	$ 35,115	$ 3,788	$ 0	$ 0	$ 38,903
3420	37,956	5,172	0	0	43,128
3430	876,315	81,127	0	0	957,442
3440	247,875	20,848	0	0	268,723
3450	195,092	20,094	0	0	215,186
3460	3,124	625	0	0	3,749
Total	$ 1,395,477	$ 131,654	$ 0	$ 0	$ 1,527,131
8070 West Shore					
Account 3410	$ 19,015	$ 1,637	$ 0	$ 0	$ 20,652
3420	41,840	5,782	0	0	47,622
3430	871,346	80,388	0	0	951,734
3440	245,963	20,829	0	0	266,792
3450	220,650	19,674	0	0	240,324
3460	1,464	524	0	0	1,988
Total	$ 1,400,278	$ 128,834	$ 0	$ 0	$ 1,529,112
8075 Lock Haven					
Account 3410	$ 78,639	$ 6,844	$ 0	$ 0	$ 85,483
3420	29,768	6,192	0	0	35,960
3430	446,772	40,802	0	0	487,574
3440	126,035	10,663	0	0	136,698
3450	118,400	10,188	(4,000)	0	124,588
3460	1,253	343	0	0	1,596
Total	$ 800,867	$ 75,032	$ (4,000)	$ 0	$ 871,899
8080 Surburban					
Account 3410	$ 815,116	$ 22,759	$ 0	$ 0	$ 837,875
3420	79,851	12,243	0	0	92,094
3430	963,477	103,702	0	0	1,067,179
3440	379,973	18,616	0	0	398,589
3450	918,428	29,404	0	0	947,832
3460	73,364	2,915	0	0	76,279
Total	$ 3,230,209	$ 189,639	$ 0	$ 0	$ 3,419,848

PENNSYLVANIA POWER & LIGHT COMPANY

ACTUAL & ESTIMATED RETIREMENTS

Function	Actual 1/1/82 - 7/31/82
Steam Production	$ 574,761
Hydro Production	418
Other Production	52,074
Transmission	676,122
Distribution	7,824,374
General	153,785
Total	$9,281,534

Function	Estimated 8/1/82 - 12/31/82	Estimated 1/1/83 - 7/31/83	Total
Steam Production	$ 381,200	$ 609,400	$ 990,600
Nuclear Production	0	0	0
Hydro Production	0	0	0
Other Production	77,200	0	77,200
Transmission	229,067	140,733	369,800
Distribution	5,418,931	6,889,319	12,308,250
General	263,667	375,533	639,200
Total	$ 6,370,065	$ 8,014,985	$ 14,385,050

PENNSYLVANIA POWER & LIGHT COMPANY

RETIREMENTS: 1/1/82 - 7/31/82

STEAM PRODUCTION

Location	3110	3120	3140	3150	3160	Total
5005	$ 0	$(11,500.56)	$ 0	$(64,035.87)	$(20,598.40)	$(96,134.83)
5010	(218.23)	(0.54)	0	0	(1,112.62)	(1,331.39)
5015	0	0	0	0	71.64	71.64
5020	0	(227,429.50)	0	0	(100,495.45)	(327,924.95)
5025	0	(12,696.60)	38.51	0	1,120.78	(11,537.31)
5030	0	(65,352.10)	0	0	0	(65,352.10)
5035	(379.37)	(41,054.60)	0	0	(6,996.80)	(48,430.77)
5040	(10,176.52)	(0.65)	0	(5,443.75)	(8,500.38)	(24,121.30)
Total	$(10,774.12)	$(358,034.55)	$38.51	$(69,479.62)	$(136,511.23)	$(574,761.01)

OTHER PRODUCTION

Location	3430
8010	$(26,171.73)
8015	(25,900.00)
8065	(0.47)
8070	(0.78)
8075	(0.55)
Total	$(52,073.53)

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Steam Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
5005 Sunbury			
Account 3110	$ 656,828	24.3	$ 411,246
3120	1,405,510	51.9	878,341
3140	431,054	15.9	269,087
3150	167,883	6.2	104,927
3160	44,596	1.7	28,770
Total	$ 2,705,871	100.0	$1,692,371
5010 Martins Creek (C)			
Account 3110	$ 297,572	15.1	$ 184,383
3120	1,113,066	56.6	691,130
3140	395,542	20.1	245,436
3150	132,821	6.8	83,033
3160	27,969	1.4	17,095
Total	$ 1,966,970	100.0	$1,221,077
5015 Martins Creek (O)			
Account 3110	$ 1,622,232	14.9	$1,008,653
3120	5,346,636	49.4	3,344,124
3140	2,750,734	25.3	1,712,679
3150	1,015,123	9.3	629,562
3160	124,413	1.1	74,464
Total	$10,859,138	100.0	$6,769,482
5020 Brunner Island			
Account 3110	$ 901,649	12.1	$ 565,080
3120	4,841,302	64.8	3,026,216
3140	1,279,883	17.1	798,585
3150	399,414	5.3	247,514
3160	55,542	0.7	32,691
Total	$ 7,477,790	100.0	$4,670,086
5025 Conemaugh			
Account 3110	$ 85,695	9.1	$ 52,635
3120	552,113	58.6	338,945
3140	227,835	24.2	139,974
3150	66,327	7.0	40,489
3160	10,219	1.1	6,362
Total	$ 942,189	100.0	$ 578,405

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Steam Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
5030 Keystone			
Account 3110	$ 85,766	10.5	$ 53,984
3120	480,852	59.1	303,856
3140	191,925	23.6	121,337
3150	43,443	5.3	27,249
3160	12,065	1.5	7,712
Total	$ 814,051	100.0	$ 514,138
5035 Montour			
Account 3110	$ 919,324	11.4	$ 571,464
3120	4,462,127	55.6	2,787,142
3140	2,041,753	25.4	1,273,263
3150	550,501	6.8	340,873
3160	66,560	0.8	40,103
Total	$ 8,040,265	100.0	$5,012,845
5040 Holtwood			
Account 3110	$ 283,948	18.4	$ 177,378
3120	1,065,723	68.9	664,202
3140	79,806	5.2	50,128
3150	99,976	6.4	61,697
3160	16,900	1.1	10,604
Total	$ 1,546,353	100.0	$ 964,009

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
8005 Allentown			
Account 3410	$ 0	0.0	$ 0
3420	6,830	3.7	4,070
3430	111,221	60.4	66,450
3440	43,564	23.7	26,074
3450	21,062	11.4	12,542
3460	1,374	0.8	880
Total	$ 184,051	100.0	$ 110,016
8010 Harwood			
Account 3410	$ 610	0.6	$ 370
3420	3,627	3.5	2,161
3430	64,441	62.0	38,276
3440	22,143	21.3	13,150
3450	12,131	11.7	7,223
3460	954	0.9	556
Total	$ 103,906	100.0	$ 61,736
8015 Williamsport			
Account 3410	$ 956	0.8	$ 532
3420	7,865	7.0	4,654
3430	68,516	61.2	40,689
3440	21,914	19.6	13,031
3450	11,804	10.6	7,047
3460	848	0.8	532
Total	$ 111,903	100.0	$ 66,485
8020 Harrisburg			
Account 3410	$ 2,307	1.2	$ 1,358
3420	7,562	4.0	4,527
3430	113,349	59.6	67,456
3440	43,599	22.9	25,919
3450	21,728	11.4	12,903
3460	1,482	0.9	1,019
Total	$ 190,027	100.0	$ 113,182

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
8025 Jenkins			
Account 3410	$ 3,787	3.5	$ 2,272
3420	3,498	3.2	2,077
3430	66,603	61.2	39,720
3440	22,049	20.2	13,110
3450	11,963	11.0	7,139
3460	976	0.9	584
Total	$ 108,876	100.0	$ 64,902
8030 Sunbury (D)			
Account 3410	$ 0	0.0	$ 0
3420	54	0.3	36
3430	11,622	59.4	7,052
3440	2,450	12.5	1,484
3450	5,389	27.5	3,264
3460	57	0.3	36
Total	$ 19,572	100.0	$ 11,872
8035 Sunbury			
Account 3410	$ 5,232	38.6	$ 3,055
3420	1,003	7.4	586
3430	2,453	18.1	1,432
3440	0	0.0	0
3450	4,326	32.0	2,532
3460	526	3.9	309
Total	$ 13,540	100.0	$ 7,914
8040 Martins Creek (D)			
Account 3410	$ 0	0.0	$ 0
3420	84	0.5	52
3430	9,930	58.8	6,050
3440	2,095	12.4	1,276
3450	4,539	26.9	2,767
3460	227	1.4	144
Total	$ 16,875	100.0	$ 10,289

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
8045 Martins Creek			
Account 3410	$ 10,278	42.3	$ 6,026
3420	3,855	15.9	2,265
3430	3,426	14.1	2,009
3440	0	0.0	0
3450	5,601	23.0	3,277
3460	1,144	4.7	670
Total	$ 24,304	100.0	$ 14,247
8050 Brunner Island (D)			
Account 3410	$ 0	0.0	$ 0
3420	50	0.2	25
3430	12,920	62.0	7,852
3440	2,739	13.2	1,672
3450	5,084	24.4	3,090
3460	43	0.2	25
Total	$ 20,836	100.0	$ 12,664
8055 Conemaugh			
Account 3410	$ 0	0.0	$ 0
3420	0	0.0	0
3430	0	0.0	0
3440	3,078	97.3	1,540
3450	84	2.7	43
3460	0	0.0	0
Total	$ 3,162	100.0	$ 1,583
8060 Keystone			
Account 3410	$ 0	0.0	$ 0
3420	159	4.1	97
3430	0	0.0	0
3440	3,360	87.9	2,087
3450	305	8.0	190
3460	0	0.0	0
Total	$ 3,824	100.0	$ 2,374

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 1/82 - 7/82 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals January-July 1982
8065 Fishbach			
Account 3410	$ 3,788	2.9	$ 2,295
3420	5,172	3.9	3,087
3430	81,127	61.6	48,755
3440	20,848	15.8	12,505
3450	20,094	15.3	12,110
3460	625	0.5	396
Total	$ 131,654	100.0	$ 79,148
8070 West Shore			
Account 3410	$ 1,637	1.3	$ 998
3420	5,782	4.5	3,455
3430	80,388	62.3	47,830
3440	20,829	16.2	12,437
3450	19,674	15.3	11,747
3460	524	0.4	307
Total	$ 128,834	100.0	$ 76,774
8075 Lock Haven			
Account 3410	$ 6,844	9.1	$ 4,105
3420	6,192	8.2	3,699
3430	40,802	54.4	24,543
3440	10,663	14.2	6,406
3450	10,188	13.6	6,136
3460	343	0.5	226
Total	$ 75,032	100.0	$ 45,115
8080 Surburban			
Account 3410	$ 22,759	12.0	$ 13,582
3420	12,243	6.5	7,357
3430	103,702	54.7	61,910
3440	18,616	9.8	11,092
3450	29,404	15.5	17,543
3460	2,915	1.5	1,698
Total	$ 189,639	100.0	$ 113,182

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
STEAM PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
5005 Sunbury					
Account 3110	$21,336,371	$ 411,246	$ 0	$ 0	$21,747,617
3120	34,972,593	878,341	(11,501)	0	35,839,433
3140	10,162,429	269,087	0	0	10,431,516
3150	5,187,374	104,927	(64,036)	0	5,228,265
3160	737,427	28,770	(20,598)	402	746,001
Total	$72,396,194	$1,692,371	$ (96,135)	$ 402	$73,992,832
5010 Martins Creek (C)					
Account 3110	$ 5,344,046	$ 184,383	$ (218)	$ 0	$ 5,528,211
3120	15,686,818	691,130	0	0	16,377,948
3140	6,537,778	245,436	0	0	6,783,214
3150	1,955,570	83,033	0	0	2,038,603
3160	338,030	17,095	(1,113)	0	354,012
Total	$29,862,242	$1,221,077	$ (1,331)	$ 0	$31,081,988
5015 Martins Creek (O)					
Account 3110	$ 8,903,847	$1,008,653	$ 0	$ 0	$ 9,912,500
3120	28,818,929	3,344,124	0	0	32,163,053
3140	14,632,030	1,712,679	0	0	16,344,709
3150	5,603,410	629,562	0	0	6,232,972
3160	687,537	74,464	72	0	762,073
Total	$58,645,753	$6,769,482	$ 72	$ 0	$65,415,307
5020 Brunner Island					
Account 3110	$ 9,144,329	$ 565,080	$ 0	$ 0	$ 9,709,409
3120	45,594,757	3,026,216	(227,430)	0	48,393,543
3140	20,430,258	798,585	0	0	21,228,843
3150	3,982,049	247,514	0	0	4,229,563
3160	666,292	32,691	(100,495)	(2,816)	595,672
Total	$79,817,685	$4,670,086	$(327,925)	$(2,816)	$84,157,030

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
STEAM PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
5025 Conemaugh					
Account 3110	$ 839,528	$ 52,635	$ 0	$ 0	$ 892,163
3120	4,975,458	338,945	(12,697)	0	5,301,706
3140	2,426,783	139,974	39	0	2,566,796
3150	591,603	40,489	0	0	632,092
3160	86,359	6,362	1,121	0	93,842
Total	$ 8,919,731	$ 578,405	$ (11,537)	$ 0	$ 9,486,599
5030 Keystone					
Account 3110	$ 1,118,519	$ 53,984	$ 0	$ 0	$ 1,172,503
3120	5,950,790	303,856	(65,352)	0	6,189,294
3140	2,500,723	121,337	0	0	2,622,060
3150	563,452	27,249	0	0	590,701
3160	106,272	7,712	0	0	113,984
Total	$10,239,756	$ 514,138	$ (65,352)	$ 0	$10,688,542
5035 Montour					
Account 3110	$ 7,980,894	$ 571,464	$ (379)	$ 0	$ 8,551,979
3120	37,693,048	2,787,142	(41,055)	0	40,439,135
3140	18,182,349	1,273,263	0	0	19,455,612
3150	4,955,767	340,873	0	0	5,296,640
3160	692,719	40,103	(6,997)	689	726,514
Total	$69,504,777	$5,012,845	$ (48,431)	$ 689	$74,469,880
5040 Holtwood					
Account 3110	$ 4,372,629	$ 177,378	$ (10,177)	$ 0	$ 4,539,803
3120	6,784,339	664,202	(1)	0	7,448,540
3140	2,308,967	50,128	0	0	2,359,095
3150	1,444,498	61,697	(5,444)	0	1,500,751
3160	208,558	10,604	(8,500)	353	221,015
Total	$15,118,991	$ 964,009	$ (24,122)	$ 353	$16,059,231

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
8005 Allentown					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	82,164	4,070	0	0	86,234
3430	1,679,172	66,450	0	0	1,745,622
3440	661,860	26,074	0	0	687,934
3450	291,623	12,542	0	0	304,165
3460	15,745	880	0	0	16,625
Total	$ 2,730,564	$ 110,016	$ 0	$ 0	$ 2,840,580
8010 Harwood					
Account 3410	$ 2,397	$ 370	$ 0	$ 0	$ 2,767
3420	45,129	2,161	0	0	47,290
3430	965,743	38,276	(26,172)	0	977,847
3440	334,937	13,150	0	0	348,087
3450	159,166	7,223	0	0	166,389
3460	9,536	556	0	0	10,092
Total	$ 1,516,908	$ 61,736	$ (26,172)	$ 0	$ 1,552,472
8015 Williamsport					
Account 3410	$ 11,636	$ 532	$ 0	$ 0	$ 12,168
3420	49,957	4,654	0	0	54,611
3430	995,519	40,689	(25,900)	0	1,010,308
3440	338,322	13,031	0	0	351,353
3450	164,504	7,047	0	0	171,551
3460	3,687	532	0	0	4,219
Total	$ 1,563,625	$ 66,485	$ (25,900)	$ 0	$ 1,604,210
8020 Harrisburg					
Account 3410	$ 3,156	$ 1,358	$ 0	$ 0	$ 4,514
3420	79,295	4,527	0	0	83,822
3430	1,687,362	67,456	0	0	1,754,818
3440	662,045	25,919	0	0	687,964
3450	308,528	12,903	0	0	321,431
3460	13,019	1,019	0	0	14,038
Total	$ 2,753,405	$ 113,182	$ 0	$ 0	$ 2,866,587

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
8025 Jenkins					
Account 3410	$ 40,376	$ 2,272	$ 0	$ 0	$ 42,648
3420	43,862	2,077	0	0	45,939
3430	1,000,695	39,720	0	0	1,040,415
3440	333,147	13,110	0	0	346,257
3450	167,615	7,139	0	0	174,754
3460	9,958	584	0	0	10,542
Total	$ 1,595,653	$ 64,902	$ 0	$ 0	$ 1,660,555
8030 Sunbury (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	999	36	0	0	1,035
3430	206,392	7,052	0	0	213,444
3440	43,516	1,484	0	0	45,000
3450	86,633	3,264	0	0	89,897
3460	222	36	0	0	258
Total	$ 337,762	$ 11,872	$ 0	$ 0	$ 349,634
8035 Sunbury					
Account 3410	$ 67,196	$ 3,055	$ 0	$ 0	$ 70,251
3420	12,770	586	0	0	13,356
3430	31,154	1,432	0	0	32,586
3440	0	0	0	0	0
3450	40,730	2,532	0	0	43,262
3460	3,325	309	0	0	3,634
Total	$ 155,175	$ 7,914	$ 0	$ 0	$ 163,089
8040 Martins Creek (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	1,503	52	0	0	1,555
3430	180,655	6,050	0	0	186,705
3440	38,184	1,276	0	0	39,460
3450	79,778	2,767	0	0	82,545
3460	1,025	144	0	0	1,169
Total	$ 301,145	$ 10,289	$ 0	$ 0	$ 311,434

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 Accruals	Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
8045 Martins Creek					
Account 3410	$ 110,441	$ 6,026	$ 0	$ 0	$ 116,467
3420	16,892	2,265	0	0	19,157
3430	41,269	2,009	0	0	43,278
3440	0	0	0	0	0
3450	67,489	3,277	0	0	70,766
3460	3,042	670	0	0	3,712
Total	$ 239,133	$ 14,247	$ 0	$ 0	$ 253,380
8050 Brunner Island (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	800	25	0	0	825
3430	232,614	7,852	0	0	240,466
3440	49,453	1,672	0	0	51,125
3450	92,147	3,090	0	0	95,237
3460	161	25	0	0	186
Total	$ 375,175	$ 12,664	$ 0	$ 0	$ 387,839
8055 Conemaugh					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	0	0	0	0	0
3430	0	0	0	0	0
3440	42,722	1,540	0	0	44,262
3450	1,178	43	0	0	1,221
3460	0	0	0	0	0
Total	$ 43,900	$ 1,583	$ 0	$ 0	$ 45,483
8060 Keystone					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	2,528	97	0	0	2,625
3430	0	0	0	0	0
3440	53,293	2,087	0	0	55,380
3450	4,554	190	0	0	4,744
3460	0	0	0	0	0
Total	$ 60,375	$ 2,374	$ 0	$ 0	$ 62,749

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

1/1/82 - 7/31/82

Power Plant By Account	12/31/81 Reserve Balance	January-July 1982 7/31/82 Accruals	7/31/82 Retirements	Transfers/ Adjustments	7/31/82 Reserve Balance
8065 Fishbach					
Account 3410	$ 38,903	$ 2,295	$ 0	$ 0	$ 41,198
3420	43,128	3,087	0	0	46,215
3430	957,442	48,755	0	0	1,006,197
3440	268,723	12,505	0	0	281,228
3450	215,186	12,110	0	0	227,296
3460	3,749	396	0	0	4,145
Total	$ 1,527,131	$ 79,148	$ 0	$ 0	$ 1,606,279
8070 West Shore					
Account 3410	$ 20,652	$ 998	$ 0	$ 0	$ 21,650
3420	47,622	3,455	0	0	51,077
3430	951,734	47,830	(1)	0	999,563
3440	266,792	12,437	0	0	279,229
3450	240,324	11,747	0	0	252,071
3460	1,988	307	0	0	2,295
Total	$ 1,529,112	$ 76,774	$ (1)	$ 0	$ 1,605,885
8075 Lock Haven					
Account 3410	$ 85,483	$ 4,105	$ 0	$ 0	$ 89,588
3420	35,960	3,699	0	0	39,659
3430	487,574	24,543	(1)	0	512,116
3440	136,698	6,406	0	0	143,104
3450	124,588	6,136	0	0	130,724
3460	1,596	226	0	0	1,822
Total	$ 871,899	$ 45,115	$ (1)	$ 0	$ 917,013
8080 Surburban					
Account 3410	$ 837,875	$ 13,582	$ 0	$ 0	$ 851,457
3420	92,094	7,357	0	0	99,451
3430	1,067,179	61,910	0	0	1,129,089
3440	398,589	11,092	0	0	409,681
3450	947,832	17,543	0	0	965,375
3460	76,279	1,698	0	0	77,977
Total	$ 3,419,848	$ 113,182	$ 0	$ 0	$ 3,533,030

PENNSYLVANIA POWER & LIGHT COMPANY

FUTURE TEST YEAR RETIREMENTS

8/1/82 - 7/31/83

Steam Production	$ 990,600
Nuclear Production	0
Hydro Production	0
Other Production	77,200
Transmission	369,800
Distribution	12,308,250
General	639,200
Total	$14,385,050

RETIREMENTS DETAILS

BI	Location	Plant	Account	Year-In	Amount
00124	5010	Martins Creek (coal)	3120	1964	$ 39,000
00129	5010	Martins Creek (coal)	3110	1954	8,200
00130	5015	Martins Creek (oil)	3120	1975	64,000
00134	5010	Martins Creek (coal)	3120	1954	65,300
00135	5010	Martins Creek (coal)	3150	1954	33,300
00262	5005	Sunbury	3120	1969	30,400
00283	5005	Sunbury	3120	1949	87,600
00285	5005	Sunbury	3110	1977	57,400
00289	5005	Sunbury	3110	1949	5,500
00293	5005	Sunbury	3120	1960	18,900
00298	5005	Sunbury	3120	1965	10,800
00336	5040	Holtwood	3160	1954	24,000
00337	5040	Holtwood	3110	1977	69,300
00338	5040	Holtwood	3120	1925	4,500
00401	5020	Brunner Island	3120	1970	3,000
00403	5020	Brunner Island	3120	1961	102,100
00409	5020	Brunner Island	3120	1969	2,300
00473	5020	Brunner Island	3110	1976	4,200
00475	5020	Brunner Island	3120	1965	31,500
00475	5020	Brunner Island	3150	1965	3,150
00475	5020	Brunner Island	3160	1965	350
00510	5035	Montour	3120	1972	128,700
00585	5035	Montour	3120	1976	21,500
00588	5035	Montour	3120	1972	175,600
			Steam Production		$990,600
00624	8020	Harrisburg	3430	1967	$ 51,300
00625	8015	Williamsport	3430	1967	25,900
			Other Production		$ 77,200

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Steam Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
5005 Sunbury			
Account 3110	$ 656,828	24.3	$ 729,313
3120	1,405,510	51.9	1,557,668
3140	431,054	15.9	477,205
3150	167,883	6.2	186,080
3160	44,596	1.7	51,022
Total	$ 2,705,871	100.0	$ 3,001,288
5010 Martins Creek (C)			
Account 3110	$ 297,572	15.1	$ 326,988
3120	1,113,066	56.6	1,225,665
3140	395,542	20.1	435,263
3150	132,821	6.8	147,253
3160	27,969	1.4	30,317
Total	$ 1,966,970	100.0	$ 2,165,486
5015 Martins Creek (O)			
Account 3110	$ 1,622,232	14.9	$ 1,788,768
3120	5,346,636	49.4	5,930,545
3140	2,750,734	25.3	3,037,304
3150	1,015,123	9.3	1,116,479
3160	124,413	1.1	132,057
Total	$10,859,138	100.0	$12,005,153
5020 Brunner Island			
Account 3110	$ 901,649	12.1	$ 1,002,127
3120	4,841,302	64.8	5,366,759
3140	1,279,883	17.1	1,416,228
3150	399,414	5.3	438,948
3160	55,542	0.7	57,974
Total	$ 7,477,790	100.0	$ 8,282,036
5025 Conemaugh			
Account 3110	$ 85,695	9.1	$ 93,344
3120	552,113	58.6	601,094
3140	227,835	24.2	248,233
3150	66,327	7.0	71,803
3160	10,219	1.1	11,283
Total	$ 942,189	100.0	$ 1,025,757

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Steam Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
5030 Keystone			
Account 3110	$ 85,766	10.5	$ 95,737
3120	480,852	59.1	538,864
3140	191,925	23.6	215,181
3150	43,443	5.3	48,325
3160	12,065	1.5	13,677
Total	$ 814,051	100.0	$ 911,784
5035 Montour			
Account 3110	$ 919,324	11.4	$ 1,013,448
3120	4,462,127	55.6	4,942,780
3140	2,041,753	25.4	2,258,032
3150	550,501	6.8	604,513
3160	66,560	0.8	71,119
Total	$ 8,040,265	100.0	$ 8,889,892
5040 Holtwood			
Account 3110	$ 283,948	18.4	$ 314,565
3120	1,065,723	68.9	1,177,910
3140	79,806	5.2	88,899
3150	99,976	6.4	109,414
3160	16,900	1.1	18,806
Total	$ 1,546,353	100.0	$ 1,709,594

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
8005 Allentown			
Account 3410	$ 0	0	$ 0
3420	6,830	3.7	7,051
3430	111,221	60.4	115,104
3440	43,564	23.7	45,165
3450	21,062	11.4	21,725
3460	1,374	0.8	1,525
Total	$ 184,051	100.0	$ 190,570
8010 Harwood			
Account 3410	$ 610	0.6	$ 642
3420	3,627	3.5	3,743
3430	64,441	62.0	66,301
3440	22,143	21.3	22,778
3450	12,131	11.7	12,512
3460	954	0.9	962
Total	$ 103,906	100.0	$ 106,938
8015 Williamsport			
Account 3410	$ 956	0.8	$ 921
3420	7,865	7.0	8,062
3430	68,516	61.2	70,481
3440	21,914	19.6	22,572
3450	11,804	10.6	12,208
3460	848	0.8	921
Total	$ 111,903	100.0	$ 115,165
8020 Harrisburg			
Account 3410	$ 2,307	1.2	$ 2,353
3420	7,562	4.0	7,842
3430	113,349	59.6	116,848
3440	43,599	22.9	44,896
3450	21,728	11.4	22,350
3460	1,482	0.9	1,765
Total	$ 190,027	100.0	$ 196,054

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
8025 Jenkins			
Account 3410	$ 3,787	3.5	$ 3,935
3420	3,498	3.2	3,597
3430	66,603	61.2	68,803
3440	22,049	20.2	22,709
3450	11,963	11.0	12,367
3460	976	0.9	1,012
Total	$ 108,876	100.0	$ 112,423
8030 Sunbury (D)			
Account 3410	$ 0	0	$ 0
3420	54	0.3	61
3430	11,622	59.4	12,217
3440	2,450	12.5	2,571
3450	5,389	27.5	5,655
3460	57	0.3	61
Total	$ 19,572	100.0	$ 20,565
8035 Sunbury			
Account 3410	$ 5,232	38.6	$ 5,292
3420	1,003	7.4	1,014
3430	2,453	18.1	2,482
3440	0	0	0
3450	4,326	32.0	4,387
3460	526	3.9	535
Total	$ 13,540	100.0	$ 13,710
8040 Martins Creek (D)			
Account 3410	$ 0	0	$ 0
3420	84	0.5	89
3430	9,930	58.8	10,480
3440	2,095	12.4	2,210
3450	4,539	26.9	4,794
3460	227	1.4	250
Total	$ 16,875	100.0	$ 17,823

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
8045 Martins Creek			
Account 3410	$ 10,278	42.3	$ 10,439
3420	3,855	15.9	3,924
3430	3,426	14.1	3,480
3440	0	0	0
3450	5,601	23.0	5,675
3460	1,144	4.7	1,160
Total	$ 24,304	100.0	$ 24,678
8050 Brunner Island			
Account 3410	$ 0	0	$ 0
3420	50	0.2	44
3430	12,920	62.0	13,600
3440	2,739	13.2	2,896
3450	5,084	24.4	5,352
3460	43	0.2	44
Total	$ 20,836	100.0	$ 21,936
8055 Conemaugh			
Account 3410	$ 0	0	$ 0
3420	0	0	0
3430	0	0	0
3440	3,078	97.3	2,668
3450	84	2.7	74
3460	0	0	0
Total	$ 3,162	100.0	$ 2,742
8060 Keystone			
Account 3410	$ 0	0	$ 0
3420	159	4.1	169
3430	0	0	0
3440	3,360	87.9	3,615
3450	305	8.0	329
3460	0	0	0
Total	$ 3,824	100.0	$ 4,113

PENNSYLVANIA POWER & LIGHT COMPANY

Proration of 8/82 - 7/83 Accruals by Plant/Account

Other Production

Power Plant By Account	1981 Accruals	% of Total	Prorated Accruals August 1982-July 1983
8065 Fishbach			
Account 3410	$ 3,788	2.9	$ 3,976
3420	5,172	3.9	5,347
3430	81,127	61.6	84,454
3440	20,848	15.8	21,662
3450	20,094	15.3	20,976
3460	625	0.5	686
Total	$ 131,654	100.0	$ 137,101
8070 West Shore			
Account 3410	$ 1,637	1.3	$ 1,729
3420	5,782	4.5	5,984
3430	80,388	62.3	82,852
3440	20,829	16.2	21,544
3450	19,674	15.3	20,347
3460	524	0.4	532
Total	$ 128,834	100.0	$ 132,988
8075 Lock Haven			
Account 3410	$ 6,844	9.1	$ 7,111
3420	6,192	8.2	6,408
3430	40,802	54.4	42,512
3440	10,663	14.2	11,097
3450	10,188	13.6	10,628
3460	343	0.5	391
Total	$ 75,032	100.0	$ 78,147
8080 Surburban			
Account 3410	$ 22,759	12.0	$ 23,526
3420	12,243	6.5	12,744
3430	103,702	54.7	107,242
3440	18,616	9.8	19,213
3450	29,404	15.5	30,388
3460	2,915	1.5	2,941
Total	$ 189,639	100.0	$ 196,054

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
STEAM PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
5005 Sunbury					
Account 3110	$21,747,617	$ 729,313	$ 62,900	$ 0	$22,414,030
3120	35,839,433	1,557,668	147,700	0	37,249,401
3140	10,431,516	477,205	0	0	10,908,721
3150	5,228,265	186,080	0	0	5,414,345
3160	746,001	51,022	0	0	797,023
Total	$73,992,832	$ 3,001,288	$ 210,600	$ 0	$76,783,520
5010 Martins Creek (C)					
Account 3110	$ 5,528,211	$ 326,988	$ 8,200	$ 0	$ 5,846,999
3120	16,377,948	1,225,665	104,300	0	17,499,313
3140	6,783,214	435,263	0	0	7,218,477
3150	2,038,603	147,253	33,300	0	2,152,556
3160	354,012	30,317	0	0	384,329
Total	$31,081,988	$ 2,165,486	$ 145,800	$ 0	$33,101,674
5015 Martins Creek (O)					
Account 3110	$ 9,912,500	$ 1,788,768	$ 0	$ 0	$11,701,268
3120	32,163,053	5,930,545	64,000	0	38,029,598
3140	16,344,709	3,037,304	0	0	19,382,013
3150	6,232,972	1,116,479	0	0	7,349,451
3160	762,073	132,057	0	0	894,130
Total	$65,415,307	$12,005,153	$ 64,000	$ 0	$77,356,460
5020 Brunner Island					
Account 3110	$ 9,709,409	$ 1,002,127	$ 4,200	$ 0	$10,707,336
3120	48,393,543	5,366,759	138,900	0	53,621,402
3140	21,228,843	1,416,228	0	0	22,645,071
3150	4,229,563	438,948	3,150	0	4,665,361
3160	595,672	57,974	350	0	653,296
Total	$84,157,030	$ 8,282,036	$ 146,600	$ 0	$92,292,466

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
STEAM PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers Adjustments	7/31/83 Reserve Balance
5025 Conemaugh					
Account 3110	$ 892,163	$ 93,344	$ 0	$ 0	$ 985,507
3120	5,301,706	601,094	0	0	5,902,800
3140	2,566,796	248,233	0	0	2,815,029
3150	632,092	71,803	0	0	703,895
3160	93,842	11,283	0	0	105,125
Total	$ 9,486,599	$1,025,757	$ 0	$ 0	$10,512,356
5030 Keystone					
Account 3110	$ 1,172,503	$ 95,737	$ 0	$ 0	$ 1,268,240
3120	6,189,294	538,864	0	0	6,728,158
3140	2,622,060	215,181	0	0	2,837,241
3150	590,701	48,325	0	0	639,026
3160	113,984	13,677	0	0	127,661
Total	$10,688,542	$ 911,784	$ 0	$ 0	$11,600,326
5035 Montour					
Account 3110	$ 8,551,979	$1,013,448	$ 0	$ 0	$ 9,565,427
3120	40,439,135	4,942,780	325,800	0	45,056,115
3140	19,455,612	2,258,032	0	0	21,713,644
3150	5,296,640	604,513	0	0	5,901,153
3160	726,514	71,119	0	0	797,633
Total	$74,469,880	$8,889,892	$ 325,800	$ 0	$83,033,972
5040 Holtwood					
Account 3110	$ 4,539,830	$ 314,565	$ 69,300	$ 0	$ 4,785,095
3120	7,448,540	1,177,910	4,500	0	8,621,950
3140	2,359,095	88,899	0	0	2,447,994
3150	1,500,751	109,414	0	0	1,610,165
3160	211,015	18,806	24,000	0	205,821
Total	$16,059,231	$1,709,594	$ 97,800	$ 0	$17,671,025

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
8005 Allentown					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	86,234	7,051	0	0	93,285
3430	1,745,622	115,104	0	0	1,860,726
3440	687,934	45,165	0	0	733,099
3450	304,165	21,725	0	0	325,890
3460	16,625	1,525	0	0	18,150
Total	$ 2,840,580	$ 190,570	$ 0	$ 0	$ 3,031,150
8010 Harwood					
Account 3410	$ 2,767	$ 642	$ 0	$ 0	$ 3,409
3420	47,290	3,742	0	0	51,032
3430	977,847	66,302	0	0	1,044,149
3440	348,087	22,778	0	0	370,865
3450	166,389	12,512	0	0	178,901
3460	10,092	962	0	0	11,054
Total	$ 1,552,472	$ 106,938	$ 0	$ 0	$ 1,659,410
8015 Williamsport					
Account 3410	$ 12,168	$ 921	$ 0	$ 0	$ 13,089
3420	54,611	8,062	0	0	62,673
3430	1,010,308	70,481	25,900	0	1,054,889
3440	351,353	22,572	0	0	373,925
3450	171,551	12,208	0	0	183,759
3460	4,219	921	0	0	5,140
Total	$ 1,604,210	$ 115,165	$ 25,900	$ 0	$ 1,693,475
8020 Harrisburg					
Account 3410	$ 4,514	$ 2,353	$ 0	$ 0	$ 6,867
3420	83,822	7,842	0	0	91,664
3430	1,754,818	116,848	51,300	0	1,820,366
3440	687,964	44,896	0	0	732,860
3450	321,431	22,350	0	0	343,781
3460	14,038	1,765	0	0	15,803
Total	$ 2,866,587	$ 196,054	$ 51,300	$ 0	$ 3,011,341

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
8025 Jenkins					
Account 3410	$ 42,648	$ 3,935	$ 0	$ 0	$ 46,583
3420	45,939	3,597	0	0	49,536
3430	1,040,415	68,803	0	0	1,109,218
3440	346,257	22,709	0	0	368,966
3450	174,754	12,367	0	0	187,121
3460	10,542	1,012	0	0	11,554
Total	$ 1,660,555	$ 112,423	$ 0	$ 0	$ 1,772,978
8030 Sunbury (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	1,035	61	0	0	1,096
3430	213,444	12,217	0	0	225,661
3440	45,000	2,571	0	0	47,571
3450	89,897	5,655	0	0	95,552
3460	258	61	0	0	319
Total	$ 349,634	$ 20,565	$ 0	$ 0	$ 370,199
8035 Sunbury					
Account 3410	$ 70,251	$ 5,292	$ 0	$ 0	$ 75,543
3420	13,356	1,014	0	0	14,370
3430	32,586	2,482	0	0	35,068
3440	0	0	0	0	0
3450	43,262	4,387	0	0	47,649
3460	3,634	535	0	0	4,169
Total	$ 163,089	$ 13,710	$ 0	$ 0	$ 176,799
8040 Martins Creek (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	1,555	89	0	0	1,644
3430	186,705	10,480	0	0	197,185
3440	39,460	2,210	0	0	41,670
3450	82,545	4,794	0	0	87,339
3460	1,169	250	0	0	1,419
Total	$ 311,434	$ 17,823	$ 0	$ 0	$ 329,257

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
8045 Martins Creek					
Account 3410	$ 116,467	$ 10,439	$ 0	$ 0	$ 126,906
3420	19,157	3,924	0	0	23,081
3430	43,278	3,480	0	0	46,758
3440	0	0	0	0	0
3450	70,766	5,675	0	0	76,441
3460	3,712	1,160	0	0	4,872
Total	$ 253,380	$ 24,678	$ 0	$ 0	$ 278,058
8050 Brunner Island (D)					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	825	44	0	0	869
3430	240,466	13,600	0	0	254,066
3440	51,125	2,896	0	0	54,021
3450	95,237	5,352	0	0	100,589
3460	186	44	0	0	230
Total	$ 387,839	$ 21,936	$ 0	$ 0	$ 409,775
8055 Conemaugh					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	0	0	0	0	0
3430	0	0	0	0	0
3440	44,262	2,668	0	0	46,930
3450	1,221	74	0	0	1,295
3460	0	0	0	0	0
Total	$ 45,483	$ 2,742	$ 0	$ 0	$ 48,225
8060 Keystone					
Account 3410	$ 0	$ 0	$ 0	$ 0	$ 0
3420	2,625	169	0	0	2,794
3430	0	0	0	0	0
3440	55,380	3,615	0	0	58,995
3450	4,744	329	0	0	5,073
3460	0	0	0	0	0
Total	$ 62,749	$ 4,113	$ 0	$ 0	$ 66,862

PENNSYLVANIA POWER & LIGHT COMPANY

PP&L RESERVE ACTIVITY BY PLANT/ACCOUNT
OTHER PRODUCTION

8/1/82 - 7/31/83

Power Plant By Account	7/31/82 Reserve Balance	August 1982-July 1983 Accruals	Retirements	Transfers/ Adjustments	7/31/83 Reserve Balance
8065 Fishbach					
Account 3410	$ 41,198	$ 3,976	$ 0	$ 0	$ 45,174
3420	46,215	5,347	0	0	51,562
3430	1,006,197	84,454	0	0	1,090,651
3440	281,228	21,662	0	0	302,890
3450	227,296	20,976	0	0	248,272
3460	4,145	686	0	0	4,831
Total	$ 1,606,279	$ 137,101	$ 0	$ 0	$ 1,743,380
8070 West Shore					
Account 3410	$ 21,650	$ 1,729	$ 0	$ 0	$ 23,379
3420	51,077	5,984	0	0	57,061
3430	999,563	82,852	0	0	1,082,415
3440	279,229	21,544	0	0	300,773
3450	252,071	20,347	0	0	272,418
3460	2,295	532	0	0	2,827
Total	$ 1,605,885	$ 132,988	$ 0	$ 0	$ 1,738,873
8075 Lock Haven					
Account 3410	$ 89,588	$ 7,111	$ 0	$ 0	$ 96,699
3420	39,659	6,408	0	0	46,067
3430	512,116	42,512	0	0	554,628
3440	143,104	11,097	0	0	154,201
3450	130,724	10,628	0	0	141,352
3460	1,822	391	0	0	2,213
Total	$ 917,013	$ 78,147	$ 0	$ 0	$ 995,160
8080 Surburban					
Account 3410	$ 851,457	$ 23,526	$ 0	$ 0	$ 874,983
3420	99,451	12,744	0	0	112,195
3430	1,129,089	107,242	0	0	1,236,331
3440	409,681	19,213	0	0	428,894
3450	965,375	30,388	0	0	995,763
3460	77,977	2,941	0	0	80,918
Total	$ 3,533,030	$ 196,054	$ 0	$ 0	$ 3,729,084

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 4

INTERIM RETIREMENT TRUE-UP PROCESS

PENNSYLVANIA POWER & LIGHT COMPANY

Annual Review

Interim Retirements - Expected vs. Actual

1981

Location	Description	Actual	Expected	Variance	Annual	%
5005	Sunbury	$ 77,770	$297,007	$(219,237)	$ 2,705,871	-
5010	Martins Creek #1 & #2	4,971	88,799	(83,828)	1,966,970	-
5015	Martins Creek #3 & #4	19,452	12,095	7,357	10,859,138	-
5020	Brunner Island	497,325	93,847	403,478	7,477,790	5.4*
5025	Conemaugh	1,316	4,815	(3,499)	942,189	-
5030	Keystone	30,411	8,916	21,495	814,051	2.6
5035	Montour	132,062	24,321	107,741	8,040,265	1.3
5040	Holtwood	8,987	73,663	(64,676)	1,546,353	-
	Total Steam	$772,294	$603,463	$168,831	$34,352,627	
8005	Allentown	0	1,242	(1,242)	184,051	-
8010	Harwood	0	697	(697)	103,906	-
8015	Williamsport	0	701	(701)	111,903	-
8020	Harrisburg	0	1,239	(1,239)	190,027	-
8025	Jenkins	0	712	(712)	108,876	-
8030	Sunbury (D)	1,288	141	1,147	19,572	5.9*
8035	Sunbury	0	36	(36)	13,540	-
8040	Martins Creek (D)	0	145	(145)	16,875	-
8045	Martins Creek	0	77	(77)	24,304	-
8050	Brunner Island	0	201	(201)	20,836	-
8055	Conemaugh	0	11	(11)	3,162	-
8060	Keystone	0	25	(25)	3,824	-
8065	Fishbach	0	516	(516)	131,654	-
8070	West Shore	0	513	(513)	128,834	-
8075	Lock Haven	4,000	280	3,720	75,032	5.0*
8080	Suburban	0	11,643	(11,643)	189,639	-
	Total - Other	$ 5,288	$ 18,179	$(12,891)	$ 1,326,035	

* When variance is greater than 5% of the annual accrual the review process is invoked.

PENNSYLVANIA POWER & LIGHT COMPANY

INTERIM RETIREMENT TRUE-UP PROCESS

	Steam Production			Other Production				Five Year	
Year	Actual	Expected	Variance	Actual	Expected	Variance	Total Variance	Total Variance	Average Variance
1976	$ 461,368	$ 322,822	$ 138,546	$ 43,251	$ 9,015	$ 34,236	$ 172,782		
1977	749,951	366,536	383,415	0	10,332	(10,332)	373,083		
1978	1,035,150	415,878	619,272	0	11,968	(11,968)	607,304		
1979	176,352	471,479	(295,127)	0	13,782	(13,782)	(308,909)		
1980	3,528,301	532,910	2,995,391	172,865	15,764	157,101	3,152,492	$3,996,752	$799,350
1981	772,294	603,463	168,831	5,288	18,179	(12,891)	155,940	3,979,910	795,982

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Pennsylvania Power & Light Company

JAN 2 8 1983

Exhibit JOB 2 - J

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Public

Witness: Jack O. Beamer

Docket No. R-822169

Hbg E. Holbert 1/25/83

DOCUMENT FOLDER

DOCKETED JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Exhibit JOB 2

Book Depreciation Reserve

Witness: Jack O. Beamer

PENNSYLVANIA POWER & LIGHT COMPANY

Exhibit JOB 2

Book Depreciation Reserve

Witness: Jack O. Beamer

SECTION		PAGES	REGS.
1	Development of Estimated Book Reserve - 7/31/83		
	Book Reserve by Function - 7/31/82	1	
	Estimated Monthly Accruals - 1982, 1983	2	
	Estimated Accruals: 8/1/82 - 7/31/83	3	
	Estimated Retirements: 8/1/82 - 7/31/83	4	
	Book Reserve by Function - 7/31/83	5	
2	Proration of Book Reserve by Account		
	Calculated Reserve Summary - 7/31/82	6-7	
	Proration of Book Reserve - 7/31/82	8-9	
	Calculated Reserve Summary - 7/31/83	10-11	
	Proration of Book Reserve - 7/31/83	12-13	
3	Calculated Reserve Details		
	Calculated Reserve Details - 7/31/82	14-92	
	Calculated Reserve Details - 7/31/83	93-172	

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 1

DEVELOPMENT OF ESTIMATED BOOK RESERVE - 7/31/83

PENNSYLVANIA POWER & LIGHT COMPANY

BOOK RESERVE BY FUNCTION - 7/31/82

Function	Book Reserve
Hydro Production	$ 15,665,654
Transmission	72,339,351
Distribution	303,768,546
General	24,223,341
Total	$415,996,892

PENNSYLVANIA POWER & LIGHT COMPANY

ESTIMATED MONTHLY ACCRUALS

Function	1982	1983
Hydro Production	$ 33,250	$ 39,084
Transmission	715,000	772,333
Distribution	3,366,252	3,554,167
General	233,084	273,334
Total	$4,347,586	$4,638,918

PENNSYLVANIA POWER & LIGHT COMPANY

ACCRUALS 8/1/82 - 7/31/83

Function	8/1/82 - 12/31/82	1/1/83 - 7/31/83	Total
Hydro Production	$ 166,250	$ 273,588	$ 439,838
Transmission	3,575,000	5,406,331	8,981,331
Distribution	16,831,260	24,879,169	41,710,429
General	1,165,420	1,913,338	3,078,758
Total	$21,737,930	$32,472,426	$54,210,356

PENNSYLVANIA POWER & LIGHT COMPANY

ESTIMATED RETIREMENTS

Function	Estimated 8/1/82 - 12/31/82	Estimated 1/1/83 - 7/31/83	Total
Hydro Production	$ 0	$ 0	$ 0
Transmission	229,067	140,733	369,800
Distribtuion	5,418,931	6,889,319	12,308,250
General	263,667	375,533	639,200
Total	$5,911,665	$7,405,585	$13,317,250

PENNSYLVANIA POWER & LIGHT COMPANY

BOOK RESERVE @ 7/31/82, 7/31/83

Function	7/31/82 Reserve Balance	8/1/82 - 7/31/83 Accruals	8/1/82 - 7/31/83 Retirements	7/31/83 Reserve Balance
Hydro Production	$ 15,665,654	$ 439,838	$ 0	$ 16,105,492
Transmission	72,339,351	8,981,331	369,800	80,950,882
Distribution	303,768,546	41,710,429	12,308,250	333,170,725
General	24,223,341	3,078,758	639,200	26,662,899
Total	$415,996,892	$ 54,210,356	$ 13,317,250	$456,889,998

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 2

PRORATION OF BOOK RESERVE BY ACCOUNT

PENNSYLVANIA POWER & LIGHT COMPANY PAAA-C4

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
INTANGIBLE PLANT					
301.0	ORGANIZATION	476,252		N O N - D E P R E C I A B L E	
302.0	FRANCHISES AND CONSENTS	147,084		N O N - D E P R E C I A B L E	
303.0	MISC INTANGIBLE PLANT	22,055		N O N - D E P R E C I A B L E	
TOTAL - INTANGIBLE PLANT		645,391			
HYDRO PRODUCTION					
330.2	LAND AND LAND RIGHTS-OTHER	4,503,708		N O N - D E P R E C I A B L E	
330.4	LAND AND LAND RIGHTS-REC FAC	160,950		N O N - D E P R E C I A B L E	
331.2	STRUC & IMP - OTHER	2,608,791	R1- 70	1,225,814	37,280
331.4	STRUC & IMP - REC FAC	1,566,863	R3- 20	676,427	78,340
332.2	RESV,DAM,WATERWAY-FLOW LINE	6,075,987	R3- 70	2,156,695	86,825
332.4	RESV,DAM,WATERWAY-OTHER	10,372,450	R4-100	5,037,629	103,722
333.0	W WHEELS TURBINES & GENERATOR	5,865,818	S1- 60	3,087,444	97,784
334.0	ACCESSORY ELECTRIC EQUIPMENT	2,783,339	R1- 55	946,138	50,597
335.2	MISC POWER PLANT EQUIP-OTHER	704,780	R1- 65	202,627	10,840
335.4	MISC POWER PLANT EQUIP-REC FAC	121,478	R1- 15	64,484	8,099
336.0	ROADS RAILROADS AND BRIDGES	266,428	R4-100	88,134	2,666
TOTAL - HYDRO PRODUCTION		35,030,592		13,485,592	476,153
TRANS PLANT					
350.2	LAND	3,802,738		N O N - D E P R E C I A B L E	
350.4	LAND RIGHTS	20,116,418	R4- 60	3,015,024	251,457
352.0	STRUCTURES AND IMPROVEMENTS	14,749,384	R3- 65	3,169,423	226,843
353.0	STATION EQUIPMENT	157,403,378	S1- 50	33,020,862	3,148,071
354.0	TOWERS AND FIXTURES	106,342,818	R3- 45	20,671,684	2,362,937
354.2	CLEARING LAND AND R/W - TOWERS	7,199,168	R3- 50	1,287,228	143,981
355.0	POLES AND FIXTURES	1,563,419	R3- 40	214,181	39,083
355.2	CLEARING LAND AND R/W - POLES	116,989	R3- 40	16,429	2,925
356.0	OVERHEAD CONDUCTORS & DEVICES	62,090,589	R2- 40	11,882,188	1,552,265
359.0	ROADS AND TRAILS	3,085,401	R4- 60	335,907	51,436
TOTAL - TRANS PLANT		376,470,302		73,612,926	7,778,998
DIST PLANT					
360.2	LAND	6,247,404		N O N - D E P R E C I A B L E	
360.4	LAND RIGHTS	44,690,584	S3- 41	12,608,644	1,090,005
361.0	STRUCTURES AND IMPROVEMENTS	15,814,012	R1- 35	3,987,120	451,810
362.0	STATION EQUIPMENT	128,505,141	R1- 35	30,026,355	3,671,392
364.2	TOWERS AND FIXTURES	27,798,744	R1- 34	8,510,352	817,556
364.4	POLES AND FIXTURES	284,503,843	R1- 34	61,083,658	8,367,262
364.6	CLEARING LAND AND R/W - TOWERS	1,556,810	R1- 34	459,951	45,788
364.8	CLEARING LAND AND R/W - POLES	15,631,057	R1- 34	5,323,571	459,707
365.0	OVERHEAD CONDUCTORS & DEVICES	209,794,760	R2- 27	65,483,423	7,770,796
366.0	UNDERGROUND CONDUIT	24,728,085	S2- 60	4,203,913	412,211
367.0	UNDERGROUND CONDUCTORS&DEVICES	44,125,487	R3- 35	9,375,353	1,260,667
368.2	TRANSF OVERHEAD TYPE	115,697,029	S1- 29	38,078,653	3,989,233
368.4	TRANSF SUBMERSIBLE OR PAD MTD	19,600,246	R2- 25	4,536,882	784,008
368.6	TRANSF NON-NETWORK HOUSING	1,536,010	R2- 35	359,171	43,883
369.0	SERVICES	101,038,684	R2- 18	36,154,911	5,613,711
370.0	METERS	45,132,980	R3- 30	16,492,001	1,504,284
371.4	AREA LIGHTING FIXTURES	2,382,641	L1- 10	1,006,612	238,262
373.2	ST LGT&SIG SYS-MERCURY VAPOR	17,850,338	S2- 18	8,118,974	991,763

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PENNSYLVANIA POWER & LIGHT COMPANY PAAA-C4

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1982

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
373.4	ST LGT&SIG SYS-OTHER SYSTEMS	3,829,739	S2- 18	2,980,263	212,784
TOTAL - DIST PLANT		1,110,463,594		308,789,807	37,725,122
GENERAL PLANT					
				N O N - D E P R E C I A B L E	
389.0	LAND AND LAND RIGHTS	5,423,932			
390.2	STRUC & IMP-BUILDINGS	67,379,862	S0- 40	14,277,227	1,684,497
390.4	STRUC & IMP-AIR COND EQUIP	7,308,422	R3- 20	3,771,228	365,420
390.6	STRUC & IMP-HOLTWOOD OPER VLG	829,405	L0- 31	238,607	26,755
391.2	OFF FURN & EQUIP-FURNITURE	6,914,388	R2- 34	1,529,089	203,351
391.4	OFF FURN & EQUIP-MECH EQUIP	1,691,225	L1- 20	514,711	84,557
392.2	TRANSP EQUIP-MOTOR VEHICLES	134,233	R3- 10	107,960	13,424
392.4	TRANSP EQUIP-TRAILERS	376,059	S0- 35	108,270	10,746
393.0	STORES EQUIPMENT	1,492,754	S1- 30	373,102	49,752
394.0	TOOLS & WORK EQUIP-L&S LINE CW	799,516	R3- 45	237,618	17,765
394.2	SHOP EQUIPMENT-HAZ SERV DEPOT	170,307	R1- 32	49,897	5,321
394.4	TOOLS & WORK EQUIP-CONST DEPT	1,745,144	S0- 34	363,386	51,323
394.6	TOOLS & WORK EQUIP-OTHER	1,708,964	R2- 39	387,351	43,821
394.8	TRANSP EQUIP-GARAGE EQUIPMENT	2,221,929	L0- 25	303,268	88,873
395.0	LABORATORY EQUIPMENT	1,862,048	R4- 45	433,251	41,374
397.0	COMMUNICATION EQUIPMENT	2,823,398	L0- 18	699,038	156,865
398.0	MISCELLANEOUS EQUIPMENT	1,942,552	L2- 38	428,815	51,126
TOTAL - GENERAL PLANT		104,824,138		23,622,818	2,894,970
	GRAND TOTAL	1,627,434,017		419,711,143	48,875,243

PENNSYLVANIA POWER & LIGHT COMPANY

PRORATION OF BOOK RESERVE BY ACCOUNT

7/31/82

Account	Calculated Reserve	%	Prorated Book Reserve
HYDRO			
3312	$ 1,225,814	9.1	$ 1,425,574
3314	676,427	5.0	783,283
3322	2,156,695	16.0	2,506,505
3324	5,037,829	37.4	5,858,954
3330	3,087,444	22.9	3,587,435
3340	946,138	7.0	1,096,596
3352	202,627	1.5	234,985
3354	64,484	0.5	78,328
3360	88,134	0.6	93,994
Total	$ 13,485,592	100.0	$ 15,665,654
TRANS			
3504	$ 3,015,024	4.1	$ 2,965,913
3520	3,169,423	4.3	3,110,592
3530	33,020,862	44.9	32,480,368
3540	20,671,684	28.1	20,327,358
3542	1,287,228	1.7	1,229,769
3550	214,181	0.3)	202,551
3552	16,429	)	14,468
3560	11,882,188	16.1	11,646,635
3590	335,907	0.5	361,697
Total	$ 73,612,926	100.0	$ 72,339,351

PENNSYLVANIA POWER & LIGHT COMPANY

PRORATION OF BOOK RESERVE BY ACCOUNT

7/31/82

Account	Calculated Reserve	%	Prorated Book Reserve
DISTRIBUTION			
3604	$ 12,608,644	4.1	$ 12,454,510
3610	3,987,120	1.3	3,948,991
3620	30,026,355	9.7	29,465,549
3642	8,510,352	2.8	8,505,519
3644	61,083,658	19.8	60,146,172
3646	459,951	0.1	303,769
3648	5,323,571	1.7	5,164,065
3650	65,483,423	21.2	64,398,932
3660	4,203,913	1.4	4,252,760
3670	9,375,353	3.0	9,113,056
3682	38,078,653	12.3	37,363,531
3684	4,536,882	1.5	4,556,528
3686	359,171	0.1	303,769
3690	36,154,911	11.7	35,540,920
3700	16,492,001	5.4	16,403,502
3714	1,006,612	0.3	911,306
3732	8,118,974	2.6	7,897,982
3734	2,980,263	1.0	3,037,685
Total	$308,789,807	100.0	$303,768,546
GENERAL			
3902	$ 14,277,227	59.9	$ 14,509,782
3904	3,771,228	15.8	3,827,288
3906	238,607	1.0	242,233
3912	1,529,089	6.4	1,550,294
3914	514,711	2.2	532,914
3922	107,960	0.5	121,117
3924	108,270	0.5	121,117
3930	373,102	1.6	387,573
3940	237,618	1.0	242,233
3942	49,897	0.2	48,447
3944	363,386	1.5	363,350
3946	387,351	1.6	387,573
3948	303,268	1.3	314,903
3950	433,251	1.8	436,020
3970	699,038	2.9	702,477
3980	428,815	1.8	436,020
Total	$ 23,822,818	100.0	$ 24,223,341

PENNSYLVANIA POWER & LIGHT COMPANY PAAA-C4

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
INTANGIBLE PLANT					
301.0	ORGANIZATION	476,252		NON-DEPRECIABLE	
302.0	FRANCHISES AND CONSENTS	147,084		NON-DEPRECIABLE	
303.0	MISC INTANGIBLE PLANT	22,055		NON-DEPRECIABLE	
TOTAL - INTANGIBLE PLANT		645,391			
HYDRO PRODUCTION					
330.2	LAND AND LAND RIGHTS-OTHER	4,503,708		NON-DEPRECIABLE	
330.4	LAND AND LAND RIGHTS-REC FAC	160,950		NON-DEPRECIABLE	
331.2	STRUC & IMP - OTHER	2,619,141	R1- 70	1,247,092	37,428
331.4	STRUC & IMP - REC FAC	1,566,863	R3- 20	736,943	78,340
332.2	RESV,DAM,WATERWAY-FLOW LINE	6,075,987	R3- 70	2,233,064	86,825
332.4	RESV,DAM,WATERWAY-OTHER	10,481,100	R4-100	5,127,810	104,808
333.0	W WHEELS TURBINES & GENERATOR	5,865,818	S1- 60	3,141,705	97,784
334.0	ACCESSORY ELECTRIC EQUIPMENT	2,871,339	R1- 55	978,433	52,196
335.2	MISC POWER PLANT EQUIP-OTHER	826,780	R1- 65	210,988	12,717
335.4	MISC POWER PLANT EQUIP-REC FAC	121,478	R1- 15	68,757	8,099
336.0	ROADS RAILROADS AND BRIDGES	266,428	R4-100	90,617	2,666
TOTAL - HYDRO PRODUCTION		35,359,592		13,835,409	480,863
TRANS PLANT					
350.2	LAND	3,856,654		NON-DEPRECIABLE	
350.4	LAND RIGHTS	20,116,418	R4- 80	3,263,291	251,457
352.0	STRUCTURES AND IMPROVEMENTS	16,337,247	R3- 65	3,356,449	251,266
353.0	STATION EQUIPMENT	194,009,930	S1- 50	36,202,723	3,880,197
354.0	TOWERS AND FIXTURES	107,408,819	R3- 45	22,857,396	2,386,622
354.2	CLEARING LAND AND R/W - TOWERS	7,437,963	R3- 50	1,422,498	148,757
355.0	POLES AND FIXTURES	1,528,076	R3- 40	243,854	38,200
355.2	CLEARING LAND AND R/W - POLES	116,989	R3- 40	19,217	2,925
356.0	OVERHEAD CONDUCTORS & DEVICES	62,881,776	R2- 40	13,166,881	1,572,048
359.0	ROADS AND TRAILS	3,118,661	R4- 60	387,599	51,990
TOTAL - TRANS PLANT		416,812,533		80,919,908	8,583,462
DIST PLANT					
360.2	LAND	6,401,895		NON-DEPRECIABLE	
360.4	LAND RIGHTS	45,954,158	S3- 41	13,533,048	1,120,823
361.0	STRUCTURES AND IMPROVEMENTS	16,033,194	R1- 35	4,274,792	458,070
362.0	STATION EQUIPMENT	130,893,959	R1- 35	32,392,931	3,739,637
364.2	TOWERS AND FIXTURES	29,317,850	R1- 34	9,048,914	862,234
364.4	POLES AND FIXTURES	297,316,633	R1- 34	65,676,091	8,744,080
364.6	CLEARING LAND AND R/W - TOWERS	1,580,170	R1- 34	488,935	46,475
364.8	CLEARING LAND AND R/W - POLES	16,777,148	R1- 34	5,620,119	493,417
365.0	OVERHEAD CONDUCTORS & DEVICES	221,188,479	R2- 27	70,845,977	8,192,823
366.0	UNDERGROUND CONDUIT	25,990,473	S2- 60	4,562,947	433,264
367.0	UNDERGROUND CONDUCTORS&DEVICES	47,167,445	R3- 35	10,447,216	1,347,571
368.2	TRANSF OVERHEAD TYPE	119,450,768	S1- 29	40,402,414	4,118,660
368.4	TRANSF SUBMERSIBLE OR PAD MTD	20,912,155	R2- 25	5,111,961	836,483
368.6	TRANSF NON-NETWORK HOUSING	1,560,961	R2- 35	395,279	44,599
369.0	SERVICES	104,691,703	R2- 18	39,972,720	5,816,670
370.0	METERS	46,390,980	R3- 30	16,481,828	1,546,211
371.4	AREA LIGHTING FIXTURES	2,382,641	L1- 10	1,110,086	238,262
373.2	ST LGT&SIG SYS-MERCURY VAPOR	18,594,900	S2- 18	8,588,942	1,033,135

ORIGINAL COST AND RESERVE REQUIREMENT FOR ELECTRIC PLANT IN SERVICE JULY 31, 1983

********** ACCOUNT NO.	********** DESCRIPTION	ORIGINAL COST	SURVIVOR CURVE	DEPRECIATION ON ORIGINAL COST	ANNUAL ACCRUAL
373.4	ST LGT&SIG SYS-OTHER SYSTEMS	3,579,106	S2- 18	2,862,324	198,856
TOTAL - DIST PLANT		1,156,184,618		331,816,524	39,271,270
GENERAL PLANT					
389.0	LAND AND LAND RIGHTS	5,586,815	N O N - D E P R E C I A B L E		
390.2	STRUC & IMP-BUILDINGS	81,081,143	S0- 40	15,486,275	2,027,027
390.4	STRUC & IMP-AIR COND EQUIP	8,150,853	R3- 20	4,057,920	407,543
390.6	STRUC & IMP-HOLTWOOD OPER VILG	829,405	L0- 31	249,936	26,755
391.2	OFF FURN & EQUIP-FURNITURE	8,998,098	R2- 34	1,693,750	264,633
391.4	OFF FURN & EQUIP-MECH EQUIP	1,857,725	L1- 20	565,292	92,885
392.2	TRANSP EQUIP-MOTOR VEHICLES	134,233	R3- 10	113,303	13,424
392.4	TRANSP EQUIP-TRAILERS	376,059	S0- 35	114,874	10,746
393.0	STORES EQUIPMENT	1,747,454	S1- 30	418,891	58,241
394.0	TOOLS & WORK EQUIP-L&S LINE CW	831,266	R3- 45	253,581	18,472
394.2	SHOP EQUIPMENT-HAZ SERV DEPOT	170,307	R1- 32	53,019	5,321
394.4	TOOLS & WORK EQUIP-CONST DEPT	1,893,394	S0- 34	400,568	55,686
394.6	TOOLS & WORK EQUIP-OTHER	1,898,464	R2- 39	423,661	48,676
394.8	TRANSP EQUIP-GARAGE EQUIPMENT	2,768,949	L0- 25	357,910	110,757
395.0	LABORATORY EQUIPMENT	2,236,798	R4- 45	464,927	49,700
397.0	COMMUNICATION EQUIPMENT	2,848,303	L0- 18	762,202	158,254
398.0	MISCELLANEOUS EQUIPMENT	1,939,555	L2- 38	470,961	51,046
TOTAL - GENERAL PLANT		123,348,821		25,887,070	3,399,166
	GRAND TOTAL	1,732,350,955		452,458,911	51,734,761

PENNSYLVANIA POWER & LIGHT COMPANY

PRORATION OF BOOK RESERVE BY ACCOUNT

7/31/83

Account	Calculated Reserve	%	Prorated Book Reserve
HYDRO			
3312	$ 1,247,092	9.0	$ 1,449,494
3314	736,943	5.3	853,591
3322	2,233,064	16.1	2,592,984
3324	5,127,810	37.1	5,975,138
3330	3,141,705	22.7	3,655,947
3340	978,433	7.1	1,143,490
3352	210,988	1.5	241,582
3354	68,757	0.5	80,528
3360	90,617	0.7	112,738
Total	$ 13,835,409	100.0	$ 16,105,492
TRANS			
3504	$ 3,263,291	4.0	$ 3,238,035
3520	3,356,449	4.2	3,399,937
3530	36,202,723	44.7	36,185,044
3540	22,857,396	28.2	22,828,149
3542	1,422,498	1.8	1,457,116
3550	243,854	0.3)	225,125
3552	19,217	)	17,728
3560	13,166,881	16.3	13,194,994
3590	387,599	0.5	404,754
Total	$ 80,919,908	100.0	$ 80,950,882

PENNSYLVANIA POWER & LIGHT COMPANY

PRORATION OF BOOK RESERVE BY ACCOUNT

7/31/83

Account	Calculated Reserve	%	Prorated Book Reserve
DISTRIBUTION			
3604	$ 13,533,048	4.1	$ 13,660,000
3610	4,274,792	1.3	4,331,219
3620	32,392,931	9.8	32,650,731
3642	9,048,914	2.7	8,995,610
3644	65,676,091	19.8	65,967,804
3646	488,935	0.1	333,171
3648	5,620,119	1.7	5,663,902
3650	70,845,977	21.4	71,298,535
3660	4,562,947	1.4	4,664,390
3670	10,447,216	3.1	10,328,292
3682	40,402,414	12.2	40,646,828
3684	5,111,961	1.5	4,997,561
3686	395,279	0.1	333,171
3690	39,972,720	12.0	39,980,487
3700	16,481,828	5.0	16,658,536
3714	1,110,086	0.3	999,512
3732	8,588,942	2.6	8,662,439
3734	2,862,324	0.9	2,998,537
Total	$331,816,524	100.0	$333,170,725
GENERAL			
3902	$ 15,486,275	59.8	$ 15,944,414
3904	4,057,920	15.7	4,186,075
3906	249,936	1.0	266,629
3912	1,693,750	6.5	1,733,088
3914	565,292	2.2	586,584
3922	113,303	0.4	106,652
3924	114,874	0.5	133,315
3930	418,891	1.6	426,606
3940	253,581	1.0	266,629
3942	53,019	0.2	53,326
3944	400,568	1.5	399,943
3946	423,661	1.6	426,606
3948	357,910	1.4	373,281
3950	464,927	1.8	479,932
3970	762,202	3.0	799,887
3980	470,961	1.8	479,932
Total	$ 25,887,070	100.0	$ 26,662,899

PENNSYLVANIA POWER & LIGHT COMPANY

SECTION 3

CALCULATED RESERVE DETAILS

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3010 ORGANIZATION DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1936	476,158					1.000	476,158	
1938	64					1.000	64	
1942	30					1.000	30	
TOTAL	476,252						476,252	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3020 FRANCHISES AND CONSENTS DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1936	136,004					1.000	136,004	
1938	64					1.000	64	
1942	1,524					1.000	1,524	
1947	1,150					1.000	1,150	
1948	554					1.000	554	
1949	1,823					1.000	1,823	
1950	1,028					1.000	1,028	
1953	586					1.000	586	
1957	645					1.000	645	
1960	781					1.000	781	
1961	715					1.000	715	
1963	805					1.000	805	
1964	1,220					1.000	1,220	
1965	185					1.000	185	
TOTAL	147,084						147,084	

VT

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3030 MISC INTANGIBLE PLANT DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1913	1,195					1.000	1,195	
1920	17					1.000	17	
1921	15					1.000	15	
1922	3					1.000	3	
1925	405					1.000	405	
1927	53					1.000	53	
1928	62					1.000	62	
1930	145					1.000	145	
1952	20,160					1.000	20,160	
TOTAL	22,055						22,055	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3302 LAND AND LAND RIGHTS-OTHER DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	1,650,498					1.000	1,650,498	
1912	7,718					1.000	7,718	
1913	23,838					1.000	23,838	
1914	3,669					1.000	3,669	
1915	15,430					1.000	15,430	
1916	41,517					1.000	41,517	
1920	13,770					1.000	13,770	
1921	52,731					1.000	52,731	
1922	2,101					1.000	2,101	
1923	2,662					1.000	2,662	
1925	8,010					1.000	8,010	
1926	2,451,250					1.000	2,451,250	
1927	34,514					1.000	34,514	
1929	490					1.000	490	
1930	3,667					1.000	3,667	
1931	22,472					1.000	22,472	
1933	401					1.000	401	
1934	5,935					1.000	5,935	
1935	18,292					1.000	18,292	
1936	19,100					1.000	19,100	
1937	1,076					1.000	1,076	
1938	258					1.000	258	
1939	1,650					1.000	1,650	
1940	542					1.000	542	
1941	38					1.000	38	
1942	318					1.000	318	
1943	1,365					1.000	1,365	
1944	2,924					1.000	2,924	
1945	696					1.000	696	
1946	640					1.000	640	
1947	921					1.000	921	
1948	475					1.000	475	
1949	1,537					1.000	1,537	
1950	18,124					1.000	18,124	
1951	1,886					1.000	1,886	
1952	306					1.000	306	
1953	526					1.000	526	
1954	200					1.000	200	
1956	1,648					1.000	1,648	
1957	3,764					1.000	3,764	
1959	3,638					1.000	3,638	
1967	8,097					1.000	8,097	
1969	6,287					1.000	6,287	
1971	9,837					1.000	9,837	
1979	56,983					1.000	56,983	
1980	1,907					1.000	1,907	
TOTAL	4,503,708						4,503,708	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3304 LAND AND LAND RIGHTS-REC FAC DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	55,227					1.000	55,227	
1912	103					1.000	103	
1913	222					1.000	222	
1919	2,122					1.000	2,122	
1920	610					1.000	610	
1921	8,329					1.000	8,329	
1925	140					1.000	140	
1926	11,087					1.000	11,087	
1927	461					1.000	461	
1931	3,045					1.000	3,045	
1936	80					1.000	80	
1943	21					1.000	21	
1947	344					1.000	344	
1950	2,001					1.000	2,001	
1951	1,773					1.000	1,773	
1954	154					1.000	154	
1956	4,112					1.000	4,112	
1967	29					1.000	29	
1971	21,536					1.000	21,536	
1973	9,377					1.000	9,377	
1974	1,347					1.000	1,347	
1980	38,830					1.000	38,830	
TOTAL	160,950						160,950	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3312 STRUC & IMP - OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	242,736	1.429	3,469	64.707	157,067	23.035	5,591,424	3,618,038
1911	23,245	1.429	332	64.023	14,882	23.338	542,492	347,316
1912	62,147	1.429	888	63.333	39,360	22.950	1,426,274	903,312
1913	32,000	1.429	457	62.636	20,044	22.130	708,160	443,574
1914	29,648	1.429	424	61.931	18,361	22.451	665,627	412,223
1915	169	1.429	2	61.220	103	21.293	3,599	2,193
1916	1,794	1.429	26	60.502	1,085	17.357	31,138	18,832
1917	5,418	1.429	77	59.777	3,239	13.816	74,855	44,750
1918	1,810	1.429	26	59.044	1,069	13.426	24,301	14,352
1919	5,607	1.429	80	58.305	3,269	12.789	71,708	41,807
1920	1,795	1.429	26	57.558	1,033	11.647	20,906	12,031
1921	2,565	1.429	37	56.805	1,457	13.226	33,925	19,270
1922	3,011	1.429	43	56.044	1,687	13.862	41,738	23,385
1923	273,028	1.429	3,902	55.276	150,919	12.594	3,438,515	1,900,674
1924	130,621	1.429	1,867	54.501	71,190	12.430	1,623,619	884,892
1925	5,296	1.429	76	53.719	2,845	12.568	66,560	35,756
1926	1,061,708	1.429	15,172	52.929	561,951	12.355	13,117,402	6,942,905
1927	17,117	1.429	245	52.133	8,924	12.480	213,620	111,372
1928	3,295	1.429	47	51.329	1,691	12.736	41,965	21,537
1929	27,813	1.429	397	50.519	14,051	12.684	352,780	178,223
1930	985	1.429	14	49.701	490	13.031	12,836	6,385
1931	9,628	1.429	138	48.877	4,706	13.618	131,114	64,086
1932	19,207	1.429	274	48.045	9,228	14.115	271,107	130,253
1933	35,303	1.429	504	47.207	16,665	14.147	499,432	235,760
1934	28,433	1.429	406	46.362	13,182	13.648	388,054	179,908
1935	5,160	1.429	74	45.511	2,348	13.383	69,056	31,423
1936	4,525	1.429	65	44.652	2,021	13.142	59,468	26,560
1937	12,013	1.429	172	43.788	5,260	12.393	148,877	65,187
1938	14,689	1.429	210	42.916	6,304	12.405	182,217	78,201
1939	1,913	1.429	27	42.039	804	12.368	23,660	9,944
1940	3,691	1.429	53	41.155	1,519	11.997	44,281	18,223
1941	16,688	1.429	238	40.266	6,720	11.603	193,631	77,972
1942	1,678	1.429	24	39.370	661	10.051	16,866	6,644
1943	5,276	1.429	75	38.469	2,030	9.804	51,726	19,902
1944	214	1.429	3	37.562	80	9.651	2,065	772
1945	25,052	1.429	358	36.650	9,182	9.482	237,543	87,064
1946	11,841	1.429	169	35.732	4,231	8.121	96,161	34,360
1947	2,469	1.429	35	34.809	859	7.381	18,224	6,340
1948	46,983	1.429	671	33.882	15,919	6.831	320,941	108,743
1949	4,367	1.429	62	32.949	1,439	6.414	28,010	9,230
1950	5,973	1.429	85	32.012	1,912	5.998	35,826	11,468
1951	16,010	1.429	229	31.070	4,974	5.114	81,875	25,437
1952	78,315	1.429	1,119	30.124	23,592	4.779	374,267	112,746
1954	3,919	1.429	56	28.220	1,106	4.546	17,816	5,028
1955	2,085	1.429	30	27.263	568	4.239	8,838	2,408
1956	6,524	1.429	93	26.302	1,716	4.077	26,598	6,996
1958	2,500	1.429	36	24.369	609	3.762	9,405	2,291
1959	186	1.429	3	23.398	44	3.613	672	159
1960	6,546	1.429	94	22.423	1,468	3.575	23,402	5,248
1963	324	1.429	5	19.482	63	3.353	1,086	211
1967	3,288	1.429	47	15.516	510	2.851	9,374	1,454
1968	4,043	1.429	58	14.516	587	2.831	11,446	1,662
1970	9,476	1.429	135	12.505	1,185	2.514	23,823	2,979
1971	4,342	1.429	62	11.493	499	2.302	9,995	1,149
1973	41,271	1.429	590	9.458	3,903	2.038	84,110	7,954
1974	6,328	1.429	90	8.435	534	1.715	10,853	916
1976	23,837	1.429	341	6.375	1,520	1.464	34,897	2,225
1977	3,036	1.429	43	5.339	162	1.364	4,141	221
1978	13,403	1.429	192	4.298	576	1.265	16,955	729

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3312 STRUC & IMP - OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1979	32,358	1.429	462	3.252	1,052	1.178	38,118	1,239
1981	101,659	1.429	1,453	1.147	1,166	1.000	101,659	1,166
1982	62,430	1.429	892	0.309	193	1.000	62,430	193
ASL TOTAL	2,608,791	1.429	37,280		1,225,814		31,873,463	17,367,278

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3314 STRUC & IMP - REC FAC DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 20

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1951	17,290	5.000	864	96.341	16,657	5.114	88,421	85,184
1952	504	5.000	25	95.190	480	4.779	2,409	2,294
1954	1,485	5.000	74	92.742	1,377	4.546	6,751	6,260
1955	72	5.000	4	91.485	66	4.239	305	280
1956	13,611	5.000	681	90.204	12,278	4.077	55,492	50,057
1957	6,381	5.000	319	88.869	5,671	3.959	25,262	22,451
1958	112	5.000	6	87.436	98	3.762	421	369
1959	26,416	5.000	1,321	85.861	22,681	3.613	95,441	81,946
1960	7,390	5.000	369	84.103	6,215	3.575	26,419	22,219
1964	722	5.000	36	74.822	540	3.609	2,606	1,949
1965	100	5.000	5	71.920	72	3.440	344	248
1966	21,860	5.000	1,093	68.804	15,041	2.854	62,388	42,927
1967	516,908	5.000	25,845	65.492	338,533	2.851	1,473,705	965,158
1968	62,046	5.000	3,102	62.002	38,470	2.831	175,652	108,909
1969	49,088	5.000	2,454	58.349	28,642	2.592	127,236	74,240
1970	41,569	5.000	2,078	54.546	22,674	2.514	104,504	57,002
1971	12,538	5.000	627	50.604	6,345	2.302	28,862	14,606
1972	69,425	5.000	3,471	46.531	32,304	2.147	149,055	69,357
1973	117,927	5.000	5,896	42.334	49,923	2.038	240,335	101,743
1974	12,268	5.000	613	38.020	4,664	1.715	21,040	7,999
1975	15,904	5.000	795	33.597	5,343	1.543	24,540	8,244
1976	4,427	5.000	221	29.074	1,287	1.464	6,481	1,884
1978	216,104	5.000	10,805	19.766	42,715	1.265	273,372	54,034
1979	49,731	5.000	2,487	15.003	7,461	1.178	58,583	8,789
1980	83,343	5.000	4,167	10.182	8,486	1.077	89,760	9,139
1981	135,465	5.000	6,773	5.313	7,197	1.000	135,465	7,197
1982	84,177	5.000	4,209	1.434	1,207	1.000	84,177	1,207
ASL TOTAL	1,566,863	5.000	78,340		676,427		3,359,026	1,805,692

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3322 RESV,DAM,WATERWAY-FLOW LINE DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	266,645	1.429	3,810	68.655	183,065	11.448	3,052,552	2,095,728
1942	846	1.429	12	52.098	441	9.640	8,155	4,251
1945	7,240	1.429	103	48.653	3,522	9.108	65,942	32,078
1950	7,246	1.429	104	42.706	3,094	6.042	43,780	18,694
1951	15,363	1.429	220	41.488	6,374	5.309	81,562	33,840
1952	31,301	1.429	447	40.259	12,601	4.971	155,597	62,640
1956	2,665,252	1.429	38,086	35.256	939,661	4.207	11,212,715	3,953,154
1958	3,082,094	1.429	44,043	32.703	1,007,937	3.893	11,998,592	3,923,899
ASL TOTAL	6,075,987	1.429	86,825		2,156,695		26,618,895	10,124,284

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3324 RESV,DAM,WATERWAY-OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	3,833,740	1.000	38,337	67.404	2,584,094	22.035	84,476,461	56,940,511
1911	104,949	1.000	1,049	66.636	69,934	22.244	2,334,486	1,555,612
1912	209,431	1.000	2,094	65.861	137,933	22.118	4,632,195	3,050,802
1913	105,268	1.000	1,053	65.078	68,506	21.046	2,215,470	1,441,777
1914	84,791	1.000	848	64.287	54,510	20.896	1,771,793	1,139,041
1915	617	1.000	6	63.489	392	20.073	12,385	7,869
1916	177,960	1.000	1,780	62.684	111,552	16.651	2,963,212	1,857,452
1917	69,342	1.000	693	61.871	42,903	13.127	910,252	563,188
1918	692	1.000	7	61.051	422	12.275	8,494	5,180
1919	30,028	1.000	300	60.223	18,084	11.653	349,916	210,733
1920	4,919	1.000	49	59.389	2,921	10.247	50,405	29,931
1921	1,767	1.000	18	58.548	1,035	12.392	21,897	12,826
1922	1,319	1.000	13	57.699	761	12.812	16,899	9,750
1923	615,892	1.000	6,159	56.845	350,104	11.583	7,133,877	4,055,255
1924	97,659	1.000	977	55.983	54,672	11.538	1,126,790	630,806
1925	4,890	1.000	49	55.115	2,695	11.653	56,983	31,405
1926	1,818,018	1.000	18,180	54.241	986,111	11.448	20,812,670	11,288,999
1927	11,538	1.000	115	53.361	6,157	11.734	135,387	72,246
1928	67,429	1.000	674	52.474	35,383	11.734	791,212	415,184
1929	186,945	1.000	1,869	51.582	96,430	11.853	2,215,859	1,142,985
1930	11,744	1.000	117	50.684	5,952	12.431	145,990	73,989
1931	54,501	1.000	545	49.781	27,131	13.069	712,274	354,575
1932	1,080	1.000	11	48.873	528	13.336	14,403	7,041
1934	2,722	1.000	27	47.041	1,280	12.714	34,608	16,274
1936	3,536	1.000	35	45.190	1,598	12.431	43,956	19,865
1937	457,027	1.000	4,570	44.258	202,271	11.723	5,357,728	2,371,223
1938	11,610	1.000	116	43.322	5,030	11.758	136,510	59,143
1939	14,930	1.000	149	42.381	6,327	11.734	175,189	74,241
1940	2,023	1.000	20	41.437	838	11.437	23,137	9,584
1941	3,481	1.000	35	40.490	1,409	11.049	38,462	15,568
1942	9,296	1.000	93	39.538	3,675	9.640	89,613	35,427
1943	5,652	1.000	57	38.584	2,181	9.446	53,389	20,602
1944	1,448	1.000	14	37.626	545	9.187	13,303	5,007
1946	13,981	1.000	140	35.702	4,991	7.894	110,356	39,399
1947	5,521	1.000	55	34.736	1,918	7.249	40,022	13,904
1948	3,319	1.000	33	33.767	1,121	6.780	22,503	7,600
1949	5,342	1.000	53	32.796	1,752	6.420	34,296	11,248
1950	2,758	1.000	28	31.823	878	6.042	16,664	5,305
1952	1,263	1.000	13	29.870	377	4.971	6,278	1,874
1953	3,167	1.000	32	28.891	915	4.659	14,755	4,263
1954	1,129	1.000	11	27.910	315	4.681	5,285	1,475
1956	58,941	1.000	589	25.944	15,292	4.207	247,965	64,333
1957	6,456	1.000	65	24.958	1,611	4.060	26,211	6,541
1962	3,989	1.000	40	20.014	798	3.601	14,364	2,874
1963	6,783	1.000	68	19.022	1,290	3.426	23,239	4,420
1964	16,984	1.000	170	18.029	3,062	3.507	59,563	10,738
1965	21,253	1.000	213	17.036	3,621	3.330	70,772	12,058
1966	4,533	1.000	45	16.042	727	2.964	13,436	2,155
1969	122,560	1.000	1,226	13.057	16,003	2.514	308,116	40,232
1972	22,895	1.000	229	10.067	2,305	2.063	47,232	4,755
1973	239,901	1.000	2,399	9.070	21,759	1.932	463,489	42,038
1975	1,716	1.000	17	7.074	121	1.499	2,572	181
1976	621,126	1.000	6,211	6.076	37,740	1.437	892,558	54,232
1977	107,922	1.000	1,079	5.078	5,480	1.339	144,508	7,338
1978	121,746	1.000	1,217	4.079	4,966	1.235	150,356	6,133
1979	845,662	1.000	8,457	3.080	26,046	1.151	973,357	29,979
1981	127,259	1.000	1,273	1.082	1,377	1.000	127,259	1,377

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PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3324 RESV,DAM,WATERWAY-OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
TOTAL	10,372,450	1.000	103,722		5,037,829		142,690,371	87,898,543

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3330 W WHEELS TURBINES & GENERATOR DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	170,998	1.667	2,851	75.734	129,504	18.932	3,237,334	2,451,770
1911	588,888	1.667	9,817	75.123	442,390	19.008	11,193,583	8,408,949
1912	191,820	1.667	3,198	74.505	142,915	18.970	3,638,825	2,711,098
1913	147,116	1.667	2,452	73.881	108,691	18.894	2,779,610	2,053,608
1914	123,882	1.667	2,065	73.251	90,745	18.932	2,345,334	1,717,984
1915	286	1.667	5	72.614	208	18.453	5,278	3,838
1916	215	1.667	4	71.969	155	16.103	3,462	2,496
1917	1,607	1.667	27	71.318	1,146	13.396	21,527	15,352
1918	1,552	1.667	26	70.659	1,097	11.826	18,354	12,973
1919	1,665	1.667	28	69.993	1,165	11.251	18,733	13,107
1920	412	1.667	7	69.319	286	10.621	4,376	3,038
1921	14	1.667	0	68.637	10	11.016	154	110
1922	618	1.667	10	67.947	420	13.608	8,410	5,715
1923	209,865	1.667	3,498	67.249	141,132	14.220	2,984,280	2,006,897
1924	599,630	1.667	9,996	66.542	399,006	13.228	7,931,906	5,278,051
1925	516	1.667	9	65.826	340	13.155	6,788	4,473
1926	491,316	1.667	8,190	65.101	319,852	13.321	6,544,820	4,260,748
1927	6,675	1.667	111	64.367	4,296	13.321	88,918	57,227
1928	457	1.667	8	63.623	291	12.993	5,938	3,781
1931	23	1.667	0	61.332	14	12.067	278	169
1932	20	1.667	0	60.547	12	12.129	243	146
1934	4	1.667	0	58.944	2	10.574	42	21
1937	11,788	1.667	197	56.452	6,655	9.485	111,809	63,123
1938	10,342	1.667	172	55.596	5,750	8.774	90,741	50,450
1939	21,778	1.667	363	54.728	11,919	8.823	192,147	105,161
1940	828	1.667	14	53.846	446	8.247	6,829	3,678
1941	5,290	1.667	88	52.950	2,801	7.930	41,950	22,212
1945	47,209	1.667	788	49.224	23,278	7.078	334,712	164,762
1946	23,091	1.667	385	48.254	11,142	6.049	139,677	67,398
1947	5,452	1.667	91	47.268	2,577	5.389	29,381	13,887
1948	294	1.667	5	46.266	136	5.138	1,511	699
1949	3,098	1.667	52	45.247	1,402	4.834	14,976	6,777
1950	395,479	1.667	6,593	44.211	174,845	4.372	1,729,034	764,422
1951	401,401	1.667	6,691	43.156	173,229	4.088	1,640,927	708,160
1953	448,089	1.667	7,470	40.993	183,685	3.751	1,680,782	689,002
1955	408,291	1.667	6,806	38.753	158,225	3.586	1,464,132	567,395
1956	374,315	1.667	6,240	37.603	140,754	3.196	1,196,311	449,850
1957	793,949	1.667	13,235	36.433	289,259	2.896	2,299,276	837,694
1958	17,777	1.667	296	35.243	6,265	2.756	48,993	17,266
1959	10,313	1.667	172	34.031	3,510	2.671	27,546	9,375
1961	311,578	1.667	5,194	31.542	98,278	2.658	828,174	261,223
1964	22,780	1.667	380	27.641	6,297	2.661	60,618	16,756
1966	7,494	1.667	125	24.926	1,868	2.477	18,563	4,627
1970	7,523	1.667	125	19.217	1,446	2.085	15,685	3,015
ASL TOTAL	5,865,818	1.667	97,784		3,087,444		52,811,967	33,838,483

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3340 ACCESSORY ELECTRIC EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 55

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	128,393	1.818	2,334	76.834	98,649	14.342	1,841,412	1,414,824
1911	7,783	1.818	141	76.120	5,924	14.579	113,468	86,366
1912	16,238	1.818	295	75.396	12,243	13.673	222,022	167,399
1913	35,234	1.818	641	74.663	26,307	13.542	477,139	356,249
1914	2,107	1.818	38	73.921	1,558	13.916	29,321	21,681
1915	120	1.818	2	73.169	88	12.780	1,534	1,125
1916	837	1.818	15	72.407	606	10.557	8,836	6,398
1917	1,647	1.818	30	71.635	1,180	8.704	14,335	10,271
1918	4,084	1.818	74	70.853	2,894	8.038	32,827	23,262
1919	6,771	1.818	123	70.062	4,744	7.993	54,121	37,919
1920	5,225	1.818	95	69.259	3,619	7.222	37,735	26,136
1921	7,367	1.818	134	68.447	5,042	7.252	53,425	36,565
1922	4,665	1.818	85	67.624	3,155	8.463	39,480	26,701
1923	153,910	1.818	2,798	66.790	102,796	8.284	1,274,990	851,562
1924	162,820	1.818	2,960	65.946	107,373	8.245	1,342,451	885,290
1925	51,968	1.818	945	65.091	33,826	8.265	429,516	279,572
1926	118,132	1.818	2,148	64.225	75,870	8.304	980,968	630,024
1927	7,007	1.818	127	63.347	4,439	8.474	59,377	37,616
1928	12,979	1.818	236	62.459	8,107	8.484	110,114	68,780
1929	12,834	1.818	233	61.559	7,900	8.094	103,878	63,943
1930	9,825	1.818	179	60.648	5,959	8.353	82,068	49,776
1931	79,132	1.818	1,439	59.726	47,262	8.802	696,520	416,000
1932	6,297	1.818	114	58.792	3,702	9.051	56,994	33,507
1933	17,508	1.818	318	57.847	10,128	8.704	152,390	88,154
1934	9,073	1.818	165	56.889	5,162	7.841	71,141	40,475
1935	428	1.818	8	55.921	239	7.687	3,290	1,837
1936	19,345	1.818	352	54.941	10,628	7.646	147,912	81,262
1937	27,114	1.818	493	53.949	14,628	7.042	190,937	103,010
1938	17,293	1.818	314	52.946	9,156	7.105	122,867	65,053
1939	11,294	1.818	205	51.932	5,865	7.141	80,650	41,882
1940	22,791	1.818	414	50.905	11,602	7.120	162,272	82,606
1941	27,845	1.818	506	49.868	13,886	7.105	197,839	98,660
1942	2,971	1.818	54	48.819	1,450	6.924	20,571	10,040
1943	15,116	1.818	275	47.760	7,219	7.063	106,764	50,988
1944	892	1.818	16	46.689	416	7.207	6,429	2,998
1945	7,177	1.818	130	45.607	3,273	7.049	50,591	23,071
1946	5,342	1.818	97	44.514	2,378	5.786	30,909	13,759
1947	264	1.818	5	43.411	115	4.914	1,297	565
1948	15,240	1.818	277	42.298	6,446	4.660	71,018	30,038
1949	28,216	1.818	513	41.175	11,618	4.682	132,107	54,395
1950	74,178	1.818	1,349	40.042	29,702	4.415	327,496	131,134
1951	71,885	1.818	1,307	38.899	27,963	4.042	290,559	113,026
1952	1,143	1.818	21	37.747	431	3.850	4,401	1,659
1953	65,031	1.818	1,182	36.587	23,793	3.558	231,380	84,655
1954	817	1.818	15	35.418	289	3.493	2,854	1,009
1955	74,431	1.818	1,353	34.240	25,485	3.242	241,305	82,622
1956	71,808	1.818	1,305	33.055	23,736	2.909	208,889	69,048
1957	122,380	1.818	2,225	31.862	38,993	2.932	358,818	114,327
1958	16,159	1.818	294	30.662	4,955	2.926	47,281	14,498
1959	1,573	1.818	29	29.455	463	2.794	4,395	1,294
1960	1,115	1.818	20	28.242	315	2.815	3,139	887
1961	30,403	1.818	553	27.022	8,215	2.975	90,449	24,440
1962	244	1.818	4	25.797	63	3.035	741	191
1963	47,876	1.818	870	24.567	11,762	3.061	146,548	36,003
1967	6,293	1.818	114	19.594	1,233	2.484	15,632	3,063
1969	2,359	1.818	43	17.077	403	2.294	5,412	924
1970	127,768	1.818	2,323	15.811	20,201	2.199	280,962	44,422
1971	13,879	1.818	252	14.538	2,018	2.050	28,452	4,137
1973	138,263	1.818	2,514	11.976	16,558	1.909	263,944	31,609

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3340 ACCESSORY ELECTRIC EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 55

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1975	96,776	1.818	1,759	9.388	9,085	1.565	151,454	14,218
1976	4,198	1.818	76	8.085	339	1.474	6,188	500
1977	33,023	1.818	600	6.774	2,237	1.359	44,878	3,040
1979	52,609	1.818	956	4.131	2,173	1.195	62,868	2,597
1980	650,738	1.818	11,830	2.799	18,214	1.092	710,606	19,890
1982	15,106	1.818	275	0.394	60	1.000	15,106	60
ASL TOTAL	2,783,339	1.818	50,597		946,138		13,155,272	7,119,012

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3352 MISC POWER PLANT EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	52,973	1.538	815	68.375	36,220	19.670	1,041,979	712,447
1911	6,244	1.538	96	67.678	4,226	19.946	124,543	84,292
1912	12,697	1.538	195	66.974	8,504	19.227	244,125	163,506
1913	4,004	1.538	62	66.262	2,653	18.048	72,264	47,881
1914	3,984	1.538	61	65.543	2,611	17.785	70,855	46,437
1915	72	1.538	1	64.815	47	16.046	1,155	754
1916	348	1.538	5	64.080	223	13.747	4,784	3,066
1917	98	1.538	2	63.337	62	10.552	1,034	654
1918	203	1.538	3	62.586	127	8.192	1,663	1,040
1919	1,189	1.538	18	61.827	735	7.534	8,958	5,537
1920	576	1.538	9	61.059	352	7.340	4,228	2,584
1921	541	1.538	8	60.284	326	7.753	4,194	2,527
1922	474	1.538	7	59.500	282	8.995	4,264	2,537
1923	4,666	1.538	72	58.708	2,739	8.801	41,065	24,106
1924	2,873	1.538	44	57.908	1,664	8.782	25,231	14,613
1925	6,997	1.538	108	57.100	3,995	8.901	62,280	35,559
1926	61,548	1.538	947	56.283	34,641	8.855	545,008	306,746
1927	2,225	1.538	34	55.458	1,234	8.720	19,402	10,760
1928	21,286	1.538	327	54.625	11,627	8.675	184,656	100,864
1929	5,986	1.538	92	53.784	3,220	8.377	50,145	26,974
1930	17,761	1.538	273	52.934	9,402	9.319	165,515	87,617
1931	4,476	1.538	69	52.076	2,331	9.801	43,869	22,846
1932	3,992	1.538	61	51.210	2,044	10.697	42,702	21,865
1933	1,039	1.538	16	50.336	523	10.875	11,299	5,688
1934	1,452	1.538	22	49.453	718	9.812	14,247	7,045
1935	2,695	1.538	41	48.563	1,309	9.433	25,422	12,348
1936	7,677	1.538	118	47.665	3,659	9.199	70,621	33,659
1937	11,611	1.538	179	46.758	5,429	8.537	99,123	46,347
1938	10,741	1.538	165	45.844	4,924	8.702	93,468	42,849
1939	11,484	1.538	177	44.923	5,159	8.579	98,521	44,259
1940	1,942	1.538	30	43.993	854	8.345	16,206	7,127
1941	3,129	1.538	48	43.056	1,347	7.782	24,350	10,482
1942	1,508	1.538	23	42.112	635	7.725	11,649	4,905
1943	9,860	1.538	152	41.161	4,058	7.588	74,818	30,792
1944	4,928	1.538	76	40.203	1,981	7.508	36,999	14,873
1945	95	1.538	1	39.238	37	7.410	704	274
1946	14,165	1.538	218	38.266	5,420	6.659	94,325	36,092
1947	4,677	1.538	72	37.288	1,744	5.598	26,182	9,763
1948	4,304	1.538	66	36.303	1,562	5.240	22,553	8,185
1949	2,875	1.538	44	35.313	1,015	5.152	14,812	5,229
1950	2,980	1.538	46	34.316	1,023	4.886	14,560	4,998
1951	2,423	1.538	37	33.314	807	4.521	10,954	3,648
1952	6,130	1.538	94	32.307	1,980	4.324	26,506	8,562
1954	3,108	1.538	48	30.276	941	4.036	12,544	3,798
1955	1,010	1.538	16	29.253	295	3.836	3,874	1,132
1956	4,513	1.538	69	28.226	1,274	3.533	15,944	4,501
1957	234	1.538	4	27.195	64	3.446	806	221
1958	477	1.538	7	26.159	125	3.405	1,624	426
1959	446	1.538	7	25.120	112	3.274	1,460	367
1960	2,506	1.538	39	24.077	603	3.214	8,054	1,938
1962	4,926	1.538	76	21.979	1,083	3.191	15,719	3,456
1963	1,773	1.538	27	20.925	371	3.164	5,610	1,174
1964	11,673	1.538	180	19.867	2,319	3.124	36,466	7,245
1965	100	1.538	2	18.806	19	3.034	303	58
1966	12,145	1.538	187	17.741	2,155	2.877	34,941	6,200
1967	3,495	1.538	54	16.672	583	2.767	9,671	1,613
1969	2,376	1.538	37	14.522	345	2.550	6,059	880
1970	878	1.538	14	13.441	118	2.409	2,115	284
1972	387	1.538	6	11.266	44	2.161	836	95

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3352 MISC POWER PLANT EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1973	67,911	1.538	1,044	10.171	6,907	2.077	141,051	14,346
1974	28,307	1.538	435	9.072	2,568	1.812	51,292	4,653
1975	61,281	1.538	943	7.968	4,883	1.582	96,947	7,725
1976	20,782	1.538	320	6.859	1,425	1.489	30,944	2,122
1977	657	1.538	10	5.744	38	1.392	915	53
1978	1,480	1.538	23	4.625	68	1.298	1,921	88
1979	11,733	1.538	180	3.501	411	1.203	14,115	494
1980	82,656	1.538	1,271	2.371	1,960	1.091	90,178	2,138
1981	29,972	1.538	461	1.235	370	1.000	29,972	370
1982	29,026	1.538	446	0.333	97	1.000	29,026	97
ASL TOTAL	704,780	1.538	10,840		202,627		4,193,625	2,127,811

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3354 MISC POWER PLANT EQUIP-REC FAC DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 15

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1951	1,687	6.667	112	100.000	1,687	4.521	7,627	7,627
1966	4,068	6.667	271	66.645	2,711	2.877	11,704	7,800
1967	47,399	6.667	3,160	63.495	30,096	2.767	131,153	83,276
1968	4,658	6.667	311	60.196	2,804	2.681	12,488	7,518
1969	13,449	6.667	897	56.743	7,631	2.550	34,295	19,459
1970	6,545	6.667	436	53.134	3,478	2.409	15,767	8,379
1971	4,838	6.667	323	49.371	2,389	2.266	10,963	5,413
1972	13,148	6.667	877	45.457	5,977	2.161	28,413	12,916
1973	10,474	6.667	698	41.400	4,336	2.077	21,754	9,006
1974	7,395	6.667	493	37.211	2,752	1.812	13,400	4,987
1980	4,354	6.667	290	10.098	440	1.091	4,750	480
1981	3,463	6.667	231	5.298	183	1.000	3,463	183
ASL TOTAL	121,478	6.667	8,099		64,484		295,777	167,044

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3360 ROADS RAILROADS AND BRIDGES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	123	1.000	1	67.404	83	43.818	5,390	3,637
1911	685	1.000	7	66.636	456	41.962	28,744	19,135
1912	955	1.000	10	65.861	629	41.962	40,074	26,394
1926	139,306	1.000	1,393	54.241	75,561	16.052	2,236,140	1,212,905
1936	476	1.000	5	45.190	215	18.891	8,992	4,062
1947	262	1.000	3	34.736	91	9.435	2,472	859
1971	34,755	1.000	348	11.064	3,845	2.262	78,616	8,697
1974	89,866	1.000	899	8.072	7,254	1.803	162,028	13,079
ASL TOTAL	266,428	1.000	2,666		88,134		2,562,456	1,288,768

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3502 LAND DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1909	764					1.000	764	
1913	10,487					1.000	10,487	
1915	1,821					1.000	1,821	
1919	15					1.000	15	
1923	5,759					1.000	5,759	
1924	29,608					1.000	29,608	
1926	10,578					1.000	10,578	
1927	1,074					1.000	1,074	
1928	29,665					1.000	29,665	
1929	2,540					1.000	2,540	
1930	2,848					1.000	2,848	
1932	19,520					1.000	19,520	
1933	12,902					1.000	12,902	
1934	246					1.000	246	
1935	41,656					1.000	41,656	
1937	32,851					1.000	32,851	
1938	2,916					1.000	2,916	
1939	2,659					1.000	2,659	
1940	1,530					1.000	1,530	
1942	9,835					1.000	9,835	
1945	3,661					1.000	3,661	
1949	19,591					1.000	19,591	
1951	4,876					1.000	4,876	
1953	275,215					1.000	275,215	
1954	105,957					1.000	105,957	
1955	13,470					1.000	13,470	
1956	49,560					1.000	49,560	
1958	74,931					1.000	74,931	
1960	1,159					1.000	1,159	
1961	21,997					1.000	21,997	
1963	13,202					1.000	13,202	
1965	7,818					1.000	7,818	
1966	44,667					1.000	44,667	
1967	361,132					1.000	361,132	
1968	367,407					1.000	367,407	
1969	58,959					1.000	58,959	
1970	192,968					1.000	192,968	
1971	255,439					1.000	255,439	
1972	270,499					1.000	270,499	
1973	169,478					1.000	169,478	
1974	204,622					1.000	204,622	
1975	6,893					1.000	6,893	
1976	172,391					1.000	172,391	
1977	174					1.000	174	
1978	39,614					1.000	39,614	
1979	10,608					1.000	10,608	
1980	8,699					1.000	8,699	
1981	828,384					1.000	828,384	
1982	93					1.000	93	
TOTAL	3,802,738						3,802,738	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3504 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 80

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	215,168	1.250	2,690	65.877	141,746	1.000	215,168	141,746
1928	101,187	1.250	1,265	63.906	64,665	1.000	101,187	64,665
1929	5,384	1.250	67	62.903	3,387	1.000	5,384	3,387
1930	2,444	1.250	31	61.888	1,513	1.000	2,444	1,513
1932	995	1.250	12	59.825	595	1.000	995	595
1933	191,518	1.250	2,394	58.776	112,567	1.000	191,518	112,567
1934	2,142	1.250	27	57.717	1,236	1.000	2,142	1,236
1935	821	1.250	10	56.648	465	1.000	821	465
1937	249,669	1.250	3,121	54.478	136,015	1.000	249,669	136,015
1938	3,290	1.250	41	53.379	1,756	1.000	3,290	1,756
1939	90	1.250	1	52.270	47	1.000	90	47
1940	5,493	1.250	69	51.153	2,810	1.000	5,493	2,810
1941	6,141	1.250	77	50.026	3,072	1.000	6,141	3,072
1942	305	1.250	4	48.891	149	1.000	305	149
1943	927	1.250	12	47.749	443	1.000	927	443
1947	63	1.250	1	43.106	27	1.000	63	27
1949	3,801	1.250	48	40.747	1,549	1.000	3,801	1,549
1952	122,438	1.250	1,530	37.166	45,505	1.000	122,438	45,505
1953	271	1.250	3	35.963	97	1.000	271	97
1954	91,979	1.250	1,150	34.756	31,968	1.000	91,979	31,968
1955	256,704	1.250	3,209	33.545	86,111	1.000	256,704	86,111
1956	89,493	1.250	1,119	32.330	28,933	1.000	89,493	28,933
1958	553,741	1.250	6,922	29.891	165,519	1.000	553,741	165,519
1960	8,504	1.250	106	27.440	2,333	1.000	8,504	2,333
1961	186,417	1.250	2,330	26.210	48,860	1.000	186,417	48,860
1963	96,917	1.250	1,211	23.745	23,013	1.000	96,917	23,013
1964	529,009	1.250	6,613	22.510	119,080	1.000	529,009	119,080
1965	311,925	1.250	3,899	21.273	66,356	1.000	311,925	66,356
1966	218,640	1.250	2,733	20.035	43,805	1.000	218,640	43,805
1967	1,895,595	1.250	23,695	18.795	356,277	1.000	1,895,595	356,277
1968	2,064,916	1.250	25,811	17.554	362,475	1.000	2,064,916	362,475
1969	476,947	1.250	5,962	16.311	77,795	1.000	476,947	77,795
1970	1,791,409	1.250	22,393	15.068	269,930	1.000	1,791,409	269,930
1971	1,440,668	1.250	18,008	13.824	199,158	1.000	1,440,668	199,158
1972	687,829	1.250	8,598	12.579	86,522	1.000	687,829	86,522
1973	1,873,508	1.250	23,419	11.334	212,343	1.000	1,873,508	212,343
1974	374,877	1.250	4,686	10.088	37,818	1.000	374,877	37,818
1975	384,256	1.250	4,803	8.841	33,972	1.000	384,256	33,972
1976	1,962,565	1.250	24,532	7.594	149,037	1.000	1,962,565	149,037
1977	367	1.250	5	6.346	23	1.000	367	23
1978	958,076	1.250	11,976	5.098	48,843	1.000	958,076	48,843
1979	4,388	1.250	55	3.850	169	1.000	4,388	169
1980	575,399	1.250	7,192	2.602	14,972	1.000	575,399	14,972
1981	2,370,142	1.250	29,627	1.353	32,068	1.000	2,370,142	32,068
ASL TOTAL	20,116,418	1.250	251,457		3,015,024		20,116,418	3,015,024

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3520 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	18	1.538	0	84.381	15	24.731	445	371
1911	10	1.538	0	83.801	8	24.917	249	199
1912	68	1.538	1	83.201	57	24.503	1,666	1,397
1913	76,033	1.538	1,169	82.580	62,788	23.589	1,793,542	1,481,106
1914	51	1.538	1	81.937	42	23.801	1,214	1,000
1921	21	1.538	0	76.814	16	14.083	296	225
1922	885	1.538	14	75.993	673	14.740	13,045	9,920
1923	5,191	1.538	80	75.149	3,901	13.388	69,497	52,227
1924	293,752	1.538	4,518	74.284	218,211	13.307	3,908,958	2,903,734
1925	1,071	1.538	16	73.397	786	13.442	14,396	10,565
1926	125,581	1.538	1,931	72.490	91,034	13.136	1,649,632	1,195,823
1927	77,311	1.538	1,189	71.562	55,325	13.347	1,031,870	738,423
1928	155,844	1.538	2,397	70.614	110,048	13.663	2,129,297	1,503,586
1929	91,665	1.538	1,410	69.647	63,842	13.621	1,248,569	869,592
1930	31,668	1.538	487	68.661	21,744	14.024	444,112	304,938
1931	2,416	1.538	37	67.657	1,635	14.707	35,532	24,046
1932	17,488	1.538	269	66.634	11,653	15.178	265,433	176,869
1935	142,945	1.538	2,198	63.466	90,721	14.234	2,034,679	1,291,323
1936	5,432	1.538	84	62.378	3,388	13.994	76,015	47,412
1937	84,638	1.538	1,302	61.274	51,861	13.281	1,124,077	688,766
1938	32,945	1.538	507	60.154	19,818	13.294	437,971	263,460
1939	295	1.538	5	59.021	174	13.281	3,918	2,311
1940	16,962	1.538	261	57.873	9,816	12.894	218,708	126,568
1941	3,521	1.538	54	56.711	1,997	12.482	43,949	24,927
1942	13,921	1.538	214	55.536	7,731	10.710	149,094	82,799
1943	4,225	1.538	65	54.347	2,296	10.449	44,147	23,991
1944	14,600	1.538	225	53.145	7,759	10.255	149,723	79,569
1946	532	1.538	8	50.703	270	8.612	4,582	2,325
1947	31,726	1.538	488	49.464	15,693	7.840	248,732	123,033
1948	115,354	1.538	1,774	48.212	55,614	7.265	838,047	404,036
1949	544,238	1.538	8,370	46.948	255,509	6.835	3,719,867	1,746,404
1950	4,855	1.538	75	45.673	2,217	6.403	31,087	14,195
1951	148,710	1.538	2,287	44.385	66,005	5.513	819,838	363,686
1952	141,098	1.538	2,170	43.087	60,795	5.141	725,385	312,547
1953	521,040	1.538	8,014	41.777	217,675	4.799	2,500,471	1,044,622
1954	451,343	1.538	6,942	40.456	182,595	4.852	2,189,916	885,951
1955	39,096	1.538	601	39.125	15,296	4.546	177,730	69,536
1956	179,735	1.538	2,764	37.783	67,909	4.360	783,645	296,083
1957	34,474	1.538	530	36.431	12,559	4.216	145,342	52,949
1958	44,495	1.538	684	35.069	15,604	4.014	178,603	62,634
1959	7,508	1.538	115	33.697	2,530	3.850	28,906	9,740
1960	10,401	1.538	160	32.315	3,361	3.792	39,441	12,745
1961	200,797	1.538	3,088	30.925	62,096	3.743	751,583	232,425
1962	1,694	1.538	26	29.525	500	3.688	6,247	1,844
1964	39,554	1.538	608	26.700	10,561	3.617	143,067	38,199
1965	31,658	1.538	487	25.275	8,002	3.415	108,112	27,327
1966	188,257	1.538	2,895	23.842	44,884	2.989	562,700	134,158
1967	805,772	1.538	12,393	22.402	180,509	2.900	2,336,739	523,476
1968	512,028	1.538	7,875	20.955	107,295	2.819	1,443,407	302,465
1969	348,534	1.538	5,360	19.501	67,968	2.540	885,276	172,639
1970	809,297	1.538	12,447	18.041	146,005	2.501	2,024,052	365,159
1971	819,004	1.538	12,596	16.574	135,742	2.253	1,845,216	305,827
1972	1,080,598	1.538	16,620	15.102	163,192	2.079	2,246,563	339,276
1973	747,830	1.538	11,502	13.624	101,884	1.964	1,468,738	200,100
1974	787,231	1.538	12,108	12.141	95,578	1.638	1,289,484	156,557
1975	441,069	1.538	6,784	10.653	46,987	1.504	663,368	70,668
1976	564,722	1.538	8,685	9.161	51,734	1.447	817,153	74,859
1977	558,401	1.538	8,588	7.664	42,796	1.353	755,517	57,903
1978	3,885	1.538	60	6.163	239	1.249	4,852	299

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3520 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1979	629,204	1.538	9,677	4.659	29,315	1.164	732,393	34,123
1980	1,242,550	1.538	19,110	3.151	39,153	1.070	1,329,528	41,894
1981	1,464,137	1.538	22,518	1.640	24,012	1.000	1,464,137	24,012
ASL TOTAL	14,749,384	1.538	226,843		3,169,423		50,199,758	20,409,043

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3530 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 50

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	6,806	2.000	136	83.938	5,713	10.783	73,389	61,603
1911	6,026	2.000	121	83.294	5,019	11.036	66,503	55,390
1912	2,256	2.000	45	82.643	1,864	10.563	23,830	19,689
1913	18,652	2.000	373	81.986	15,292	10.584	197,413	161,851
1914	2,157	2.000	43	81.322	1,754	10.851	23,406	19,033
1916	322	2.000	6	79.973	258	8.215	2,645	2,119
1917	1,426	2.000	29	79.288	1,131	6.730	9,597	7,612
1918	229	2.000	5	78.595	180	6.281	1,438	1,131
1919	714	2.000	14	77.894	556	6.169	4,405	3,430
1920	692	2.000	14	77.186	534	5.448	3,770	2,909
1921	393	2.000	8	76.469	301	6.053	2,379	1,822
1922	26,528	2.000	531	75.743	20,093	6.429	170,549	129,178
1923	135,528	2.000	2,711	75.009	101,658	6.304	854,369	640,852
1924	228,033	2.000	4,561	74.266	169,351	6.258	1,427,031	1,059,799
1925	123,980	2.000	2,480	73.513	91,141	6.327	784,421	576,649
1926	455,909	2.000	9,118	72.751	331,678	6.470	2,949,731	2,145,957
1927	343,116	2.000	6,862	71.979	246,971	6.618	2,270,742	1,634,454
1928	303,481	2.000	6,070	71.197	216,069	6.670	2,024,218	1,441,180
1929	586,847	2.000	11,737	70.404	413,164	6.382	3,745,258	2,636,813
1930	288,658	2.000	5,773	69.600	200,906	6.461	1,865,019	1,298,054
1931	237,960	2.000	4,759	68.785	163,681	6.695	1,593,142	1,095,844
1932	37,902	2.000	758	67.958	25,757	6.828	258,795	175,869
1933	2,282	2.000	46	67.119	1,532	6.429	14,671	9,849
1934	60,294	2.000	1,206	66.268	39,956	5.776	348,258	230,786
1935	805,693	2.000	16,114	65.404	526,955	5.632	4,537,663	2,967,811
1936	28,594	2.000	572	64.526	18,451	5.595	159,983	103,233
1937	364,285	2.000	7,286	63.635	231,813	5.176	1,885,539	1,199,864
1938	218,914	2.000	4,378	62.730	137,325	5.145	1,126,313	706,537
1939	23,225	2.000	464	61.810	14,355	5.140	119,376	73,785
1940	25,444	2.000	509	60.875	15,489	5.134	130,629	79,521
1941	82,769	2.000	1,655	59.924	49,598	5.129	424,522	254,388
1942	166,099	2.000	3,322	58.957	97,927	5.114	849,430	500,799
1943	30,290	2.000	606	57.974	17,560	5.238	158,659	91,979
1944	31,772	2.000	635	56.973	18,101	5.419	172,172	98,089
1945	25,426	2.000	509	55.954	14,227	5.374	136,639	76,456
1946	10,931	2.000	219	54.917	6,003	4.401	48,107	26,419
1947	222,045	2.000	4,441	53.860	119,593	3.673	815,571	439,265
1948	1,148,364	2.000	22,967	52.784	606,152	3.434	3,943,482	2,081,526
1949	2,627,544	2.000	52,551	51.688	1,358,125	3.330	8,749,722	4,522,556
1950	300,560	2.000	6,011	50.571	151,996	3.064	920,916	465,716
1951	2,003,485	2.000	40,070	49.432	990,363	2.787	5,583,713	2,760,142
1952	740,125	2.000	14,802	48.270	357,258	2.757	2,040,525	984,960
1953	4,173,451	2.000	83,469	47.086	1,965,111	2.611	10,896,881	5,130,905
1954	4,780,119	2.000	95,602	45.877	2,192,975	2.580	12,332,707	5,657,875
1955	376,100	2.000	7,522	44.644	167,906	2.498	939,498	419,429
1956	2,600,294	2.000	52,006	43.386	1,128,164	2.261	5,879,265	2,550,779
1957	407,945	2.000	8,159	42.102	171,753	2.160	881,161	370,936
1958	727,010	2.000	14,540	40.790	296,547	2.092	1,520,905	620,376
1959	302,430	2.000	6,049	39.452	119,315	2.100	635,103	250,561
1960	230,050	2.000	4,601	38.085	87,615	2.280	524,514	199,762
1961	2,940,135	2.000	58,803	36.688	1,078,677	2.586	7,603,189	2,789,459
1962	109,071	2.000	2,181	35.262	38,461	2.662	290,347	102,383
1963	38,537	2.000	771	33.806	13,028	2.843	109,561	37,039
1964	864,584	2.000	17,292	32.318	279,416	2.721	2,352,533	760,291
1965	905,347	2.000	18,107	30.799	278,838	2.519	2,280,569	702,393
1966	2,055,266	2.000	41,105	29.247	601,104	2.381	4,893,588	1,431,229
1967	8,928,641	2.000	178,573	27.663	2,469,930	2.261	20,187,657	5,584,512
1968	4,409,713	2.000	88,194	26.046	1,148,554	2.168	9,560,258	2,490,065
1969	5,146,542	2.000	102,931	24.395	1,255,499	2.100	10,807,738	2,636,548

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3530 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 50

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	10,434,782	2.000	208,696	22.710	2,369,739	2.072	21,620,868	4,910,099
1971	8,389,280	2.000	167,786	20.992	1,761,078	2.010	16,862,453	3,539,767
1972	7,357,802	2.000	147,156	19.241	1,415,715	1.990	14,642,026	2,817,273
1973	10,427,937	2.000	208,559	17.457	1,820,405	1.986	20,709,883	3,615,324
1974	8,093,178	2.000	161,864	15.641	1,265,854	1.815	14,689,118	2,297,525
1975	8,402,986	2.000	168,060	13.793	1,159,024	1.564	13,142,270	1,812,714
1976	7,842,959	2.000	156,859	11.916	934,567	1.407	11,035,043	1,314,936
1977	9,035,294	2.000	180,706	10.010	904,433	1.315	11,881,412	1,189,329
1978	2,356,399	2.000	47,128	8.079	190,373	1.282	3,020,904	244,058
1979	4,790,697	2.000	95,814	6.125	293,430	1.202	5,758,418	352,703
1980	10,009,018	2.000	200,180	4.151	415,474	1.085	10,859,785	450,789
1981	18,866,885	2.000	377,338	2.163	408,091	1.000	18,866,885	408,091
1982	675,170	2.000	13,503	0.583	3,936	1.000	675,170	3,936
ASL TOTAL	157,403,378	2.000	3,148,071		33,020,862		305,977,649	85,536,055

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3540 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 45

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	793,769	2.222	17,638	88.770	704,629	12.090	9,596,667	8,518,965
1927	2,664	2.222	59	88.135	2,348	10.894	29,022	25,579
1928	265,772	2.222	5,905	87.475	232,484	11.153	2,964,155	2,592,894
1929	50,242	2.222	1,116	86.787	43,604	13.031	654,704	568,204
1930	664	2.222	15	86.067	571	13.172	8,746	7,521
1933	125,208	2.222	2,782	83.681	104,775	12.397	1,552,204	1,298,896
1937	89,113	2.222	1,980	79.895	71,197	12.224	1,089,317	870,312
1938	15,968	2.222	355	78.832	12,588	12.224	195,193	153,876
1940	16,851	2.222	374	76.566	12,902	12.224	205,987	157,714
1941	43,830	2.222	974	75.353	33,032	12.224	535,778	403,783
1949	859,272	2.222	19,093	64.218	551,807	5.690	4,889,258	3,139,782
1952	1,000,085	2.222	22,222	59.439	594,441	4.482	4,482,381	2,664,285
1953	520,182	2.222	11,558	57.784	300,582	4.219	2,194,648	1,268,155
1954	1,042,375	2.222	23,162	56.101	584,783	4.364	4,548,924	2,551,993
1955	53,578	2.222	1,191	54.389	29,141	4.203	225,188	122,480
1956	896,053	2.222	19,910	52.649	471,763	3.900	3,494,607	1,839,876
1958	823,623	2.222	18,301	49.091	404,325	3.603	2,967,514	1,456,783
1960	788,015	2.222	17,510	45.433	358,019	3.466	2,731,260	1,240,894
1961	759,751	2.222	16,882	43.567	331,001	3.481	2,644,693	1,152,214
1964	812,522	2.222	18,054	37.832	307,393	3.574	2,903,954	1,098,623
1965	1,075,008	2.222	23,887	35.876	385,670	3.417	3,673,302	1,317,834
1966	330,494	2.222	7,344	33.899	112,034	2.863	946,204	320,753
1967	8,585,601	2.222	190,772	31.903	2,739,064	2.852	24,486,134	7,811,811
1968	6,978,210	2.222	155,056	29.887	2,085,578	2.827	19,727,400	5,895,929
1969	2,976,325	2.222	66,134	27.854	829,026	2.479	7,378,310	2,055,155
1970	5,785,673	2.222	128,558	25.802	1,492,819	2.525	14,608,824	3,769,368
1971	9,741,321	2.222	216,452	23.735	2,312,103	2.318	22,580,382	5,359,455
1972	4,029,719	2.222	89,540	21.652	872,515	2.187	8,812,995	1,908,190
1973	9,655,354	2.222	214,542	19.554	1,888,008	2.050	19,793,476	3,870,416
1974	724,717	2.222	16,103	17.443	126,412	1.571	1,138,530	198,593
1975	2,838,445	2.222	63,070	15.320	434,850	1.432	4,064,653	622,705
1976	6,336,889	2.222	140,806	13.185	835,519	1.427	9,042,741	1,192,286
1978	2,935,666	2.222	65,230	8.883	260,775	1.243	3,649,033	324,143
1979	1,762,668	2.222	39,166	6.719	118,434	1.149	2,025,306	136,081
1980	10,620,930	2.222	235,997	4.547	482,934	1.054	11,194,460	509,012
1981	23,006,261	2.222	511,199	2.367	544,558	1.000	23,006,261	544,558
ASL TOTAL	106,342,818	2.222	2,362,937		20,671,684		224,042,211	66,969,118

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3542 CLEARING LAND AND R/W - TOWERS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 50

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	98,278	2.000	1,966	84.840	83,379	18.336	1,802,025	1,528,837
1928	21,145	2.000	423	83.334	17,621	20.185	426,812	355,680
1929	3,059	2.000	61	82.529	2,525	20.185	61,746	50,967
1930	2,029	2.000	41	81.688	1,657	21.011	42,631	34,815
1933	15,122	2.000	302	78.937	11,937	21.011	317,728	250,808
1937	23,760	2.000	475	74.739	17,758	19.015	451,796	337,668
1941	4,623	2.000	92	69.962	3,234	19.015	87,906	61,495
1946	5,612	2.000	112	63.276	3,551	10.658	59,813	37,847
1947	2,479	2.000	50	61.854	1,533	9.662	23,952	14,812
1949	110,548	2.000	2,211	58.935	65,151	8.469	936,231	551,764
1952	119,448	2.000	2,389	54.376	64,951	6.669	796,599	433,158
1953	87,646	2.000	1,753	52.812	46,288	6.226	545,684	288,189
1954	193,845	2.000	3,877	51.226	99,299	5.994	1,161,907	595,198
1955	49,666	2.000	993	49.619	24,644	5.772	286,672	142,245
1956	175,574	2.000	3,511	47.991	84,260	5.443	955,649	458,627
1958	18,454	2.000	369	44.675	8,244	4.953	91,403	40,833
1960	22,968	2.000	459	41.283	9,482	4.503	103,425	42,697
1961	82,404	2.000	1,648	39.558	32,597	4.337	357,386	141,373
1963	4,571	2.000	91	36.057	1,648	4.011	18,334	6,610
1964	31,681	2.000	634	34.281	10,861	3.895	123,397	42,304
1965	71,810	2.000	1,436	32.488	23,330	3.599	258,444	83,965
1966	4,820	2.000	96	30.680	1,479	3.344	16,118	4,945
1967	809,401	2.000	16,188	28.857	233,569	3.079	2,492,146	719,159
1968	147,966	2.000	2,959	27.019	39,979	2.923	432,505	116,859
1969	79,144	2.000	1,583	25.167	19,918	2.730	216,063	54,376
1970	206,895	2.000	4,138	23.303	48,213	2.548	527,168	122,847
1971	416,012	2.000	8,320	21.426	89,135	2.267	943,099	202,069
1972	203,810	2.000	4,076	19.537	39,818	2.044	416,588	81,388
1973	454,239	2.000	9,085	17.638	80,119	1.960	890,308	157,033
1974	8,840	2.000	177	15.728	1,390	1.806	15,965	2,510
1975	41,983	2.000	838	13.809	5,786	1.631	68,344	9,437
1976	65,419	2.000	1,308	11.881	7,772	1.484	97,082	11,534
1978	39	2.000	1	8.001	3	1.272	50	4
1979	54,787	2.000	1,096	6.050	3,315	1.197	65,580	3,968
1980	1,370,020	2.000	27,400	4.094	56,089	1.094	1,498,802	61,361
1981	2,191,151	2.000	43,823	2.131	46,693	1.000	2,191,151	46,693
ASL TOTAL	7,199,168	2.000	143,981		1,287,228		18,780,509	7,094,076

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3550 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1937	33	2.500	1	85.019	28	12.131	400	340
1953	59	2.500	1	63.651	38	4.858	287	185
1954	124	2.500	3	61.879	77	4.939	612	380
1959	49,533	2.500	1,238	52.447	25,979	4.303	213,140	111,788
1966	111,244	2.500	2,781	37.851	42,107	3.667	407,932	154,406
1968	8,912	2.500	223	33.422	2,979	3.365	29,989	10,024
1969	775	2.500	19	31.169	242	3.195	2,476	773
1972	29,938	2.500	748	24.274	7,267	2.460	73,647	17,877
1973	36,991	2.500	925	21.934	8,114	2.190	81,010	17,770
1974	4,655	2.500	116	19.576	911	1.947	9,063	1,774
1975	71,810	2.500	1,795	17.200	12,351	1.730	124,231	21,367
1976	71,920	2.500	1,798	14.809	10,651	1.573	113,130	16,754
1978	866,908	2.500	21,673	9.984	86,552	1.331	1,153,855	115,201
1979	87,852	2.500	2,196	7.554	6,636	1.235	108,497	8,195
1980	176,298	2.500	4,407	5.113	9,014	1.139	200,803	10,267
1981	46,367	2.500	1,159	2.663	1,235	1.000	46,367	1,235
ASL TOTAL	1,563,419	2.500	39,083		214,181		2,565,439	488,336

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3552 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 40

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1966	12,004	2.500	300	37.851	4,544	3.344	40,141	15,195
1968	7,350	2.500	184	33.422	2,457	2.923	21,484	7,182
1973	535	2.500	13	21.934	117	1.960	1,049	229
1978	89,236	2.500	2,231	9.904	8,909	1.272	113,508	11,332
1980	7,864	2.500	197	5.113	402	1.094	8,603	440
ASL TOTAL	116,989	2.500	2,925		16,429		184,785	34,378

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3560 OVERHEAD CONDUCTORS & DEVICES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	712,503	2.500	17,813	87.258	621,716	7.806	5,561,798	4,853,115
1928	255,741	2.500	6,394	85.745	219,285	7.510	1,920,615	1,646,830
1929	25,710	2.500	643	84.967	21,845	6.958	178,890	151,998
1930	19,175	2.500	479	84.171	16,140	7.951	152,460	128,329
1931	1,015	2.500	25	83.355	846	9.403	9,544	7,955
1933	141,450	2.500	3,536	81.650	115,494	10.549	1,492,156	1,218,346
1936	743	2.500	19	78.879	586	9.068	6,738	5,314
1937	118,973	2.500	2,974	77.891	92,669	8.134	967,726	753,770
1938	3,826	2.500	96	76.869	2,941	9.222	35,283	27,122
1939	19,281	2.500	482	75.812	14,617	9.469	182,572	138,408
1940	19,872	2.500	497	74.719	14,848	9.159	182,008	135,993
1941	30,601	2.500	765	73.589	22,519	8.680	265,617	195,465
1949	493,685	2.500	12,342	63.215	312,083	5.484	2,707,369	1,711,463
1952	509,278	2.500	12,732	58.729	299,094	4.751	2,419,580	1,420,996
1953	273,102	2.500	6,828	57.166	156,121	4.471	1,221,039	698,017
1954	482,747	2.500	12,069	55.569	268,258	4.359	2,104,294	1,169,337
1955	89,198	2.500	2,230	53.940	48,113	4.032	359,646	193,992
1956	393,218	2.500	9,830	52.280	205,574	3.697	1,453,727	760,007
1958	480,060	2.500	12,001	48.868	234,596	3.751	1,800,705	879,970
1959	39,871	2.500	997	47.118	18,786	3.693	147,244	69,377
1960	154,570	2.500	3,864	45.338	70,079	3.654	564,799	256,069
1961	335,898	2.500	8,397	43.531	146,220	3.650	1,226,028	533,703
1963	1,350	2.500	34	39.836	538	3.726	5,030	2,005
1964	374,139	2.500	9,353	37.949	141,982	3.578	1,338,669	508,012
1965	452,558	2.500	11,314	36.036	163,084	3.271	1,480,317	533,448
1966	220,058	2.500	5,501	34.099	75,038	3.010	662,375	225,864
1967	7,228,867	2.500	180,722	32.137	2,323,141	2.865	20,710,704	6,655,799
1968	3,988,983	2.500	99,725	30.152	1,202,758	2.799	11,165,163	3,366,520
1969	849,958	2.500	21,249	28.143	239,204	2.604	2,213,291	622,887
1970	2,029,059	2.500	50,726	26.112	529,828	2.519	5,111,200	1,334,637
1971	3,441,566	2.500	86,039	24.060	828,041	2.287	7,870,861	1,893,730
1972	2,302,502	2.500	57,563	21.985	506,205	2.071	4,768,482	1,048,351
1973	5,013,083	2.500	125,327	19.890	997,102	1.949	9,770,499	1,943,352
1974	428,047	2.500	10,701	17.775	76,085	1.761	753,791	133,906
1975	2,166,290	2.500	54,157	15.640	338,808	1.574	3,409,740	533,284
1976	4,925,560	2.500	123,139	13.485	664,212	1.442	7,102,658	957,794
1978	1,350,964	2.500	33,774	9.121	123,221	1.245	1,681,950	153,410
1979	470,626	2.500	11,766	6.912	32,530	1.165	548,279	37,897
1980	8,655,433	2.500	216,386	4.687	405,680	1.069	9,252,658	433,672
1981	13,591,029	2.500	339,776	2.445	332,301	1.000	13,591,029	332,301
ASL TOTAL	62,090,589	2.500	1,552,265		11,882,188		126,396,534	37,672,525

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3590 ROADS AND TRAILS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1925	32	1.667	1	82.899	27	17.214	551	465
1926	2,376	1.667	40	81.970	1,948	16.052	38,140	31,269
1943	7,925	1.667	132	61.915	4,907	13.190	104,531	64,723
1944	2,050	1.667	34	60.544	1,241	13.190	27,039	16,369
1949	273	1.667	5	53.408	146	8.283	2,261	1,209
1956	40,565	1.667	676	42.747	17,340	5.387	218,524	93,411
1961	17,307	1.667	289	34.789	6,021	4.271	73,918	25,716
1964	7,033	1.667	117	29.924	2,105	3.837	26,986	8,077
1965	15,298	1.667	255	28.292	4,328	3.556	54,400	15,390
1967	124,867	1.667	2,082	25.013	31,233	3.066	382,842	95,760
1968	45,340	1.667	756	23.368	10,595	2.909	131,894	30,821
1969	62,444	1.667	1,041	21.720	13,563	2.719	169,785	36,878
1970	205,457	1.667	3,425	20.069	41,233	2.539	521,655	104,691
1971	290,132	1.667	4,837	18.415	53,428	2.262	656,279	120,854
1972	129,976	1.667	2,167	16.760	21,784	2.042	265,411	44,483
1973	437,296	1.667	7,290	15.103	66,045	1.956	855,351	129,184
1975	28,921	1.667	482	11.784	3,408	1.629	47,112	5,552
1976	95,764	1.667	1,596	10.122	9,693	1.484	142,114	14,384
1978	221,593	1.667	3,694	6.797	15,062	1.272	281,866	19,159
1979	12,450	1.667	208	5.133	639	1.196	14,890	764
1980	421,545	1.667	7,027	3.469	14,623	1.094	461,170	15,998
1981	916,757	1.667	15,282	1.804	16,538	1.000	916,757	16,538
ASL TOTAL	3,085,401	1.667	51,436		335,907		5,393,476	891,695

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3602 LAND DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1888	1					1.000	1	
1890	666					1.000	666	
1891	252					1.000	252	
1892	166					1.000	166	
1893	2,935					1.000	2,935	
1895	763					1.000	763	
1896	543					1.000	543	
1897	1,304					1.000	1,304	
1898	5,252					1.000	5,252	
1902	206					1.000	206	
1903	24,518					1.000	24,518	
1904	1,289					1.000	1,289	
1905	87,235					1.000	87,235	
1906	34,864					1.000	34,864	
1907	1,797					1.000	1,797	
1909	12,206					1.000	12,206	
1910	41,530					1.000	41,530	
1912	9,146					1.000	9,146	
1913	18,458					1.000	18,458	
1914	17,335					1.000	17,335	
1916	8,799					1.000	8,799	
1917	1,344					1.000	1,344	
1918	246					1.000	246	
1919	610					1.000	610	
1920	18,016					1.000	18,016	
1921	5,921					1.000	5,921	
1922	19,091					1.000	19,091	
1923	58,319					1.000	58,319	
1924	45,430					1.000	45,430	
1925	13,458					1.000	13,458	
1926	20,941					1.000	20,941	
1927	44,443					1.000	44,443	
1928	46,171					1.000	46,171	
1929	37,786					1.000	37,786	
1930	40,517					1.000	40,517	
1931	78,870					1.000	78,870	
1932	20,265					1.000	20,265	
1933	33,441					1.000	33,441	
1934	14,474					1.000	14,474	
1935	299,864					1.000	299,864	
1936	758					1.000	758	
1937	11,904					1.000	11,904	
1938	24,386					1.000	24,386	
1939	2,018					1.000	2,018	
1940	10,337					1.000	10,337	
1941	14,666					1.000	14,666	
1942	22,266					1.000	22,266	
1943	12,417					1.000	12,417	
1944	72					1.000	72	
1945	3,188					1.000	3,188	
1946	12,442					1.000	12,442	
1947	38,270					1.000	38,270	
1948	59,289					1.000	59,289	
1949	148,217					1.000	148,217	
1950	79,944					1.000	79,944	
1951	41,555					1.000	41,555	
1952	40,912					1.000	40,912	
1953	56,006					1.000	56,006	
1954	77,698					1.000	77,698	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3602 LAND DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1955	29,830					1.000	29,830	
1956	91,548					1.000	91,548	
1957	33,203					1.000	33,203	
1958	16,308					1.000	16,308	
1959	96,572					1.000	96,572	
1960	9,306					1.000	9,306	
1961	15,118					1.000	15,118	
1962	100,060					1.000	100,060	
1963	136,517					1.000	136,517	
1964	117,358					1.000	117,358	
1965	71,182					1.000	71,182	
1966	46,840					1.000	46,840	
1967	321,068					1.000	321,068	
1968	308,793					1.000	308,793	
1969	282,325					1.000	282,325	
1970	217,218					1.000	217,218	
1971	214,992					1.000	214,992	
1972	243,367					1.000	243,367	
1973	516,522					1.000	516,522	
1974	234,168					1.000	234,168	
1975	293,956					1.000	293,956	
1976	232,248					1.000	232,248	
1977	450,105					1.000	450,105	
1978	74,372					1.000	74,372	
1979	344,516					1.000	344,516	
1980	20,963					1.000	20,963	
1981	1,250					1.000	1,250	
1982	2,882					1.000	2,882	
TOTAL	6,247,404						6,247,404	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3604 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S3- 41

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1892	1	2.439	0	100.000	1	1.000	1	1
1906	742	2.439	18	98.275	729	1.000	742	729
1910	326	2.439	8	96.894	316	1.000	326	316
1913	30,527	2.439	745	95.918	29,281	1.000	30,527	29,281
1914	82,108	2.439	2,003	95.570	78,471	1.000	82,108	78,471
1915	92	2.439	2	95.221	88	1.000	92	88
1916	21,663	2.439	528	94.854	20,548	1.000	21,663	20,548
1917	36,952	2.439	901	94.481	34,913	1.000	36,952	34,913
1918	5,492	2.439	134	94.095	5,168	1.000	5,492	5,168
1919	26,076	2.439	636	93.699	24,433	1.000	26,076	24,433
1920	17,394	2.439	424	93.290	16,227	1.000	17,394	16,227
1921	975	2.439	24	92.869	905	1.000	975	905
1922	23,532	2.439	574	92.439	21,753	1.000	23,532	21,753
1923	167,203	2.439	4,078	91.990	153,810	1.000	167,203	153,810
1924	38,805	2.439	946	91.530	35,518	1.000	38,805	35,518
1925	23,975	2.439	585	91.052	21,830	1.000	23,975	21,830
1926	53,445	2.439	1,304	90.558	48,399	1.000	53,445	48,399
1927	78,856	2.439	1,923	90.047	71,007	1.000	78,856	71,007
1928	102,456	2.439	2,499	89.516	91,715	1.000	102,456	91,715
1929	72,626	2.439	1,771	88.968	64,614	1.000	72,626	64,614
1930	260,415	2.439	6,352	88.397	230,199	1.000	260,415	230,199
1931	92,400	2.439	2,254	87.806	81,133	1.000	92,400	81,133
1932	63,734	2.439	1,554	87.189	55,569	1.000	63,734	55,569
1933	14,264	2.439	348	86.548	12,345	1.000	14,264	12,345
1934	30,486	2.439	744	85.880	26,181	1.000	30,486	26,181
1935	116,372	2.439	2,838	85.183	99,129	1.000	116,372	99,129
1936	15,043	2.439	367	84.457	12,705	1.000	15,043	12,705
1937	192,029	2.439	4,684	83.697	160,723	1.000	192,029	160,723
1938	20,796	2.439	507	82.905	17,241	1.000	20,796	17,241
1939	18,024	2.439	440	82.075	14,793	1.000	18,024	14,793
1940	68,683	2.439	1,675	81.207	55,775	1.000	68,683	55,775
1941	58,252	2.439	1,421	80.298	46,775	1.000	58,252	46,775
1942	128,388	2.439	3,131	79.346	101,871	1.000	128,388	101,871
1943	41,700	2.439	1,017	78.348	32,671	1.000	41,700	32,671
1944	20,333	2.439	496	77.302	15,718	1.000	20,333	15,718
1945	36,010	2.439	878	76.205	27,441	1.000	36,010	27,441
1946	54,834	2.439	1,337	75.055	41,156	1.000	54,834	41,156
1947	173,296	2.439	4,227	73.849	127,977	1.000	173,296	127,977
1948	282,556	2.439	6,892	72.585	205,093	1.000	282,556	205,093
1949	144,800	2.439	3,532	71.260	103,184	1.000	144,800	103,184
1950	282,069	2.439	6,880	69.872	197,087	1.000	282,069	197,087
1951	481,150	2.439	11,735	68.420	329,203	1.000	481,150	329,203
1952	249,785	2.439	6,092	66.902	167,111	1.000	249,785	167,111
1953	435,477	2.439	10,621	65.315	284,432	1.000	435,477	284,432
1954	457,117	2.439	11,149	63.661	291,005	1.000	457,117	291,005
1955	267,112	2.439	6,515	61.937	165,441	1.000	267,112	165,441
1956	226,341	2.439	5,520	60.145	136,133	1.000	226,341	136,133
1957	420,047	2.439	10,245	58.286	244,829	1.000	420,047	244,829
1958	350,440	2.439	8,547	56.360	197,508	1.000	350,440	197,508
1959	548,856	2.439	13,387	54.370	298,413	1.000	548,856	298,413
1960	644,596	2.439	15,722	52.319	337,246	1.000	644,596	337,246
1961	460,492	2.439	11,231	50.211	231,218	1.000	460,492	231,218
1962	479,348	2.439	11,691	48.049	230,322	1.000	479,348	230,322
1963	534,755	2.439	13,043	45.838	245,121	1.000	534,755	245,121
1964	922,404	2.439	22,497	43.583	402,011	1.000	922,404	402,011
1965	841,106	2.439	20,515	41.290	347,293	1.000	841,106	347,293
1966	480,842	2.439	11,728	38.964	187,355	1.000	480,842	187,355
1967	1,827,799	2.439	44,580	36.609	669,139	1.000	1,827,799	669,139
1968	1,625,060	2.439	39,635	34.232	556,291	1.000	1,625,060	556,291

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3604 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S3- 41

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1969	1,829,262	2.439	44,616	31.837	582,382	1.000	1,829,262	582,382
1970	1,733,471	2.439	42,279	29.427	510,109	1.000	1,733,471	510,109
1971	2,574,828	2.439	62,800	27.007	695,384	1.000	2,574,828	695,384
1972	2,151,818	2.439	52,483	24.580	528,917	1.000	2,151,818	528,917
1973	2,422,747	2.439	59,091	22.148	536,590	1.000	2,422,747	536,590
1974	1,355,943	2.439	33,071	19.712	267,283	1.000	1,355,943	267,283
1975	2,403,716	2.439	58,627	17.275	415,242	1.000	2,403,716	415,242
1976	1,891,952	2.439	46,145	14.837	280,709	1.000	1,891,952	280,709
1977	3,002,334	2.439	73,227	12.398	372,229	1.000	3,002,334	372,229
1978	3,023,236	2.439	73,737	9.959	301,084	1.000	3,023,236	301,084
1979	3,670,244	2.439	89,517	7.520	276,002	1.000	3,670,244	276,002
1980	1,579,991	2.439	38,536	5.081	80,279	1.000	1,579,991	80,279
1981	1,928,967	2.439	47,048	2.642	50,963	1.000	1,928,967	50,963
1982	971,618	2.439	23,698	0.711	6,908	1.000	971,618	6,908
ASL TOTAL	44,690,584	2.439	1,090,005		12,608,644		44,690,584	12,608,644

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1902	691	2.857	20	100.000	691	21.508	14,862	14,862
1904	15	2.857	0	100.000	15	23.307	350	350
1905	6,802	2.857	194	100.000	6,802	22.528	153,235	153,235
1906	10,264	2.857	293	100.000	10,264	21.365	219,290	219,290
1907	4,687	2.857	134	100.000	4,687	21.294	99,805	99,805
1908	2,425	2.857	69	100.000	2,425	21.950	53,229	53,229
1909	4,974	2.857	142	100.000	4,974	23.651	117,640	117,640
1910	936	2.857	27	100.000	936	23.138	21,657	21,657
1911	41,191	2.857	1,177	100.000	41,191	23.478	967,082	967,082
1912	6,574	2.857	188	99.813	6,562	23.097	151,840	151,563
1913	13,542	2.857	387	99.363	13,456	22.293	301,892	299,975
1914	79,441	2.857	2,270	98.726	78,429	22.648	1,799,180	1,776,260
1915	1,593	2.857	46	97.620	1,555	21.436	34,148	33,333
1916	10,647	2.857	304	96.325	10,256	17.369	184,928	178,136
1917	11,529	2.857	329	95.220	10,978	13.739	158,397	150,827
1918	213	2.857	6	94.219	201	13.550	2,886	2,724
1919	4,626	2.857	132	93.290	4,316	13.001	60,143	56,112
1920	6,222	2.857	178	92.402	5,749	11.836	73,644	68,045
1921	5,184	2.857	148	91.532	4,745	13.680	70,917	64,912
1922	93,135	2.857	2,661	90.668	84,444	14.338	1,335,370	1,210,758
1923	8,084	2.857	231	89.801	7,260	12.974	104,882	94,191
1924	52,478	2.857	1,499	88.926	46,667	12.870	675,392	600,604
1925	17,091	2.857	488	88.037	15,046	13.053	223,089	196,395
1926	54,632	2.857	1,561	87.133	47,603	12.870	703,114	612,651
1927	86,755	2.857	2,479	86.212	74,793	13.027	1,130,157	974,328
1928	108,420	2.857	3,098	85.273	92,453	13.229	1,434,288	1,223,061
1929	41,483	2.857	1,185	84.316	34,977	13.174	546,497	460,787
1930	62,599	2.857	1,788	83.340	52,170	13.622	852,724	710,660
1931	20,742	2.857	593	82.346	17,080	14.227	295,096	242,997
1932	49,028	2.857	1,401	81.331	39,875	14.717	721,545	586,840
1933	20,407	2.857	583	80.295	16,386	14.683	299,636	240,596
1934	30,295	2.857	866	79.239	24,005	14.149	428,644	339,647
1935	24,061	2.857	687	76.161	18,806	13.858	333,437	260,614
1936	10,729	2.857	307	77.062	8,268	13.579	145,689	112,271
1937	18,627	2.857	532	75.940	14,145	12.819	238,780	181,325
1938	33,589	2.857	960	74.796	25,123	12.831	430,980	322,353
1939	9,533	2.857	272	73.628	7,019	12.806	122,080	89,885
1940	52,182	2.857	1,491	72.436	37,799	12.373	645,648	467,687
1941	52,635	2.857	1,504	71.220	37,487	11.924	627,620	446,995
1942	19,444	2.857	556	69.979	13,607	10.396	202,140	141,458
1943	5,871	2.857	168	68.712	4,034	10.109	59,350	40,780
1944	4,401	2.857	126	67.420	2,967	9.960	43,834	29,551
1945	14,227	2.857	406	66.102	9,404	9.792	139,311	92,084
1946	23,802	2.857	680	64.756	15,413	8.411	200,199	129,639
1947	81,851	2.857	2,338	63.383	51,880	7.662	627,142	397,505
1948	63,210	2.857	1,806	61.983	39,179	7.105	449,107	278,367
1949	160,921	2.857	4,598	60.555	97,446	6.669	1,073,182	649,867
1950	179,490	2.857	5,128	59.099	106,077	6.244	1,120,736	662,345
1951	130,043	2.857	3,715	57.615	74,924	5.299	689,098	397,022
1952	107,813	2.857	3,080	56.102	60,485	4.980	536,909	301,215
1953	165,055	2.857	4,716	54.560	90,054	4.646	766,846	418,391
1954	167,487	2.857	4,785	52.990	88,751	4.730	792,214	419,792
1955	140,564	2.857	4,016	51.391	72,237	4.409	619,747	318,493
1956	163,314	2.857	4,666	49.765	81,273	4.237	691,961	344,354
1957	73,629	2.857	2,104	48.111	35,424	4.112	302,762	145,663
1958	83,044	2.857	2,373	46.429	38,556	3.908	324,536	150,677
1959	142,339	2.857	4,067	44.720	63,654	3.749	533,629	238,639
1960	42,739	2.857	1,221	42.985	18,371	3.705	158,348	68,065
1961	66,686	2.857	1,905	41.225	27,491	3.678	244,738	100,092

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1962	76,925	2.857	2,198	39.442	30,341	3.630	279,238	110,138
1963	153,786	2.857	4,394	37.635	57,877	3.446	529,947	199,444
1964	80,114	2.857	2,289	35.806	28,686	3.600	288,410	103,270
1965	179,501	2.857	5,128	33.956	60,951	3.402	610,662	207,355
1966	176,741	2.857	5,049	32.087	56,711	2.948	521,032	167,184
1967	561,162	2.857	16,032	30.201	169,477	2.880	1,616,147	488,094
1968	454,882	2.857	12,996	28.298	128,723	2.810	1,278,218	361,712
1969	461,613	2.857	13,188	26.380	121,774	2.515	1,160,957	306,262
1970	553,019	2.857	15,800	24.448	135,202	2.498	1,381,441	337,735
1971	740,103	2.857	21,145	22.503	166,545	2.252	1,666,712	375,059
1972	629,878	2.857	17,996	20.546	129,415	2.085	1,313,296	269,830
1973	1,373,390	2.857	39,238	18.576	255,121	1.964	2,697,338	501,058
1974	874,931	2.857	24,997	16.594	145,186	1.614	1,412,139	234,330
1975	1,479,125	2.857	42,259	14.598	215,923	1.485	2,196,501	320,646
1976	1,027,739	2.857	29,363	12.587	129,362	1.442	1,482,000	186,540
1977	543,127	2.857	15,517	10.561	57,360	1.352	734,308	77,551
1978	815,638	2.857	23,303	8.519	69,484	1.245	1,015,469	86,508
1979	1,268,406	2.857	36,238	6.460	81,939	1.159	1,470,083	94,967
1980	783,485	2.857	22,384	4.383	34,340	1.066	835,195	36,606
1981	454,802	2.857	12,994	2.288	10,406	1.000	454,802	10,406
1982	231,654	2.857	6,618	0.618	1,432	1.000	231,654	1,432
ASL TOTAL	15,814,012	2.857	451,810		3,987,120		48,531,131	23,604,608

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3620 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1907	63	2.857	2	100.000	63	11.834	746	746
1909	195	2.857	6	100.000	195	11.493	2,241	2,241
1910	1,366	2.857	39	100.000	1,366	11.834	16,165	16,165
1911	61,495	2.857	1,757	100.000	61,495	12.169	748,333	748,333
1912	9,241	2.857	264	99.813	9,224	11.637	107,538	107,340
1913	12,632	2.857	361	99.363	12,552	11.661	147,302	146,369
1914	65,643	2.857	1,875	98.726	64,807	11.910	781,808	771,851
1915	1,009	2.857	29	97.620	985	10.867	10,965	10,704
1916	13,369	2.857	382	96.325	12,878	8.866	118,530	114,176
1917	40,175	2.857	1,148	95.220	38,255	7.282	292,554	278,573
1918	27,160	2.857	776	94.219	25,590	6.795	184,552	173,884
1919	14,367	2.857	410	93.290	13,403	6.540	93,960	87,656
1920	24,443	2.857	698	92.402	22,586	5.735	140,181	129,531
1921	36,499	2.857	1,043	91.532	33,408	6.457	235,674	215,715
1922	316,796	2.857	9,051	90.668	287,233	6.921	2,192,545	1,987,940
1923	109,660	2.857	3,133	89.801	98,476	6.779	743,385	667,569
1924	287,418	2.857	8,212	88.926	255,589	6.705	1,927,138	1,713,724
1925	151,589	2.857	4,331	88.037	133,454	6.722	1,018,981	897,078
1926	334,491	2.857	9,556	87.133	291,452	6.820	2,281,229	1,987,703
1927	346,143	2.857	9,889	86.212	298,417	7.008	2,425,770	2,091,306
1928	449,964	2.857	12,855	85.273	383,698	7.088	3,189,345	2,719,651
1929	387,053	2.857	11,058	84.316	326,348	6.795	2,630,025	2,217,535
1930	374,574	2.857	10,702	83.340	312,170	6.913	2,589,430	2,158,031
1931	116,338	2.857	3,324	82.346	95,800	7.161	833,096	686,024
1932	97,925	2.857	2,798	81.331	79,643	7.311	715,930	582,270
1933	135,930	2.857	3,884	80.295	109,145	6.939	943,218	757,357
1934	194,950	2.857	5,570	79.239	154,476	6.262	1,220,777	967,329
1935	144,501	2.857	4,128	78.161	112,943	6.091	880,156	687,936
1936	144,663	2.857	4,133	77.062	111,480	6.045	874,488	673,897
1937	203,194	2.857	5,805	75.940	154,306	5.586	1,135,042	861,953
1938	284,567	2.857	8,130	74.796	212,845	5.597	1,592,721	1,191,293
1939	90,403	2.857	2,583	73.628	66,562	5.619	507,974	374,012
1940	181,143	2.857	5,175	72.436	131,213	5.608	1,015,850	735,843
1941	356,092	2.857	10,174	71.220	253,609	5.608	1,996,964	1,422,239
1942	196,358	2.857	5,610	69.979	137,409	5.563	1,092,340	764,406
1943	32,644	2.857	933	68.712	22,430	5.717	186,626	128,232
1944	51,825	2.857	1,481	67.420	34,940	5.955	308,618	208,068
1945	40,609	2.857	1,160	66.102	26,843	5.948	241,542	159,662
1946	466,303	2.857	13,322	64.756	301,959	4.921	2,294,677	1,485,940
1947	469,363	2.857	13,410	63.383	297,496	4.074	1,912,185	1,211,999
1948	491,345	2.857	14,038	61.983	304,550	3.797	1,865,637	1,156,376
1949	1,855,768	2.857	53,019	60.555	1,123,760	3.709	6,883,044	4,168,026
1950	1,276,039	2.857	36,456	59.099	754,126	3.426	4,371,710	2,583,636
1951	1,586,763	2.857	45,334	57.615	914,214	3.139	4,980,849	2,869,718
1952	637,226	2.857	18,206	56.102	357,497	3.081	1,963,293	1,101,448
1953	1,161,854	2.857	33,194	54.560	633,913	2.913	3,384,510	1,846,539
1954	1,303,398	2.857	37,238	52.990	690,671	2.869	3,739,449	1,981,535
1955	1,022,353	2.857	29,209	51.391	525,397	2.773	2,834,985	1,456,926
1956	784,580	2.857	22,415	49.765	390,446	2.540	1,992,833	991,733
1957	833,460	2.857	23,812	48.111	400,986	2.426	2,021,974	972,792
1958	585,774	2.857	16,736	46.429	271,969	2.357	1,380,669	641,031
1959	641,049	2.857	18,315	44.720	286,677	2.345	1,503,260	672,258
1960	672,080	2.857	19,201	42.985	288,894	2.501	1,680,872	722,524
1961	423,334	2.857	12,095	41.225	174,519	2.735	1,157,818	477,309
1962	860,330	2.857	24,580	39.442	339,331	2.821	2,426,991	957,253
1963	853,058	2.857	24,372	37.635	321,048	3.008	2,565,998	965,712
1964	1,010,644	2.857	28,874	35.806	361,871	2.850	2,880,335	1,031,332
1965	1,266,922	2.857	36,196	33.956	430,196	2.663	3,373,813	1,145,612
1966	2,307,553	2.857	65,927	32.087	740,425	2.529	5,835,802	1,872,535

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3620 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1967	5,255,158	2.857	150,140	30.201	1,587,110	2.412	12,675,441	3,828,109
1968	4,712,443	2.857	134,634	28.298	1,333,527	2.321	10,937,580	3,095,116
1969	5,352,802	2.857	152,930	26.380	1,412,069	2.243	12,006,335	3,167,271
1970	3,972,048	2.857	113,481	24.448	971,086	2.202	8,746,450	2,138,331
1971	7,059,235	2.857	201,682	22.503	1,588,540	2.166	15,290,303	3,440,778
1972	7,026,853	2.857	200,757	20.546	1,443,737	2.166	15,220,164	3,127,134
1973	9,340,882	2.857	266,869	18.576	1,735,162	2.174	20,307,077	3,772,242
1974	7,890,317	2.857	225,426	16.594	1,309,319	2.004	15,812,195	2,623,875
1975	9,324,202	2.857	266,392	14.598	1,361,147	1.685	15,711,280	2,293,533
1976	4,385,621	2.857	125,297	12.587	552,018	1.453	6,372,307	802,092
1977	8,468,171	2.857	241,936	10.561	894,324	1.370	11,601,394	1,225,224
1978	5,607,922	2.857	160,218	8.519	477,739	1.342	7,525,831	641,126
1979	8,148,596	2.857	232,805	6.460	526,399	1.258	10,250,934	662,210
1980	9,360,564	2.857	267,431	4.383	410,274	1.113	10,418,308	456,635
1981	5,085,496	2.857	145,293	2.268	116,356	1.000	5,085,496	116,356
1982	1,669,138	2.857	47,687	0.618	10,315	1.000	1,669,138	10,315
ASL TOTAL	128,505,141	2.857	3,671,392		30,026,355		276,104,676	91,156,963

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3642 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	61,259	2.941	1,802	100.000	61,259	24.744	1,515,793	1,515,793
1911	969	2.941	28	100.000	969	25.843	25,042	25,042
1912	3,534	2.941	104	100.000	3,534	25.573	90,375	90,375
1913	76,327	2.941	2,245	100.000	76,327	20.860	1,592,181	1,592,181
1914	209,404	2.941	6,159	99.802	208,989	25.626	5,366,187	5,355,552
1915	5,529	2.941	163	99.326	5,492	22.347	123,557	122,730
1916	57,822	2.941	1,701	98.651	57,042	18.437	1,066,064	1,051,683
1917	162,814	2.941	4,788	97.508	158,757	12.853	2,092,648	2,040,504
1918	14,296	2.941	420	96.194	13,752	12.297	175,798	169,108
1919	52,932	2.941	1,557	95.067	50,321	13.403	709,448	674,452
1920	4,562	2.941	134	94.049	4,291	12.486	56,961	53,577
1921	2,972	2.941	87	93.102	2,767	11.072	32,906	30,636
1922	100,919	2.941	2,968	92.194	93,041	11.686	1,179,339	1,087,277
1923	787,414	2.941	23,158	91.304	718,940	12.628	9,943,464	9,078,774
1924	266,246	2.941	7,830	90.416	240,729	10.827	2,882,645	2,606,373
1925	48,313	2.941	1,421	89.522	43,251	12.759	616,426	551,840
1926	121,968	2.941	3,587	88.615	108,082	12.090	1,474,593	1,306,711
1927	35,565	2.941	1,046	87.695	31,189	10.894	387,445	339,773
1928	85,525	2.941	2,515	86.757	74,199	11.153	953,860	827,541
1929	31,636	2.941	930	85.801	27,144	13.031	412,249	353,713
1930	13,457	2.941	396	84.827	11,415	13.172	177,256	150,358
1931	4,022	2.941	118	83.833	3,372	14.313	57,567	48,263
1932	109,358	2.941	3,216	82.818	90,568	15.813	1,729,278	1,432,152
1933	52,378	2.941	1,540	81.783	42,836	12.397	649,330	531,038
1934	7,425	2.941	218	80.726	5,994	13.388	99,406	80,248
1935	292,977	2.941	8,616	79.647	233,347	11.879	3,480,274	2,771,929
1936	17,803	2.941	524	78.546	13,984	11.742	209,043	164,200
1937	11,768	2.941	346	77.422	9,111	12.224	143,852	111,373
1938	25,025	2.941	736	76.274	19,088	12.224	305,906	233,332
1939	1,835	2.941	54	75.103	1,378	12.224	22,431	16,845
1940	1,327	2.941	39	73.907	981	12.224	16,221	11,992
1941	94,237	2.941	2,772	72.685	68,496	12.224	1,151,953	837,295
1942	114,600	2.941	3,370	71.438	81,868	10.052	1,151,959	822,937
1943	7,054	2.941	207	70.165	4,949	9.625	67,895	47,634
1944	10,601	2.941	312	68.865	7,300	9.034	95,769	65,948
1945	699	2.941	21	67.538	472	7.771	5,432	3,668
1946	45,169	2.941	1,328	66.182	29,894	6.596	297,935	197,181
1947	152,220	2.941	4,477	64.799	98,637	5.965	907,992	588,370
1948	245,024	2.941	7,206	63.386	155,311	5.945	1,456,668	923,324
1949	291,881	2.941	8,584	61.945	180,806	5.690	1,660,803	1,028,786
1950	533,378	2.941	15,687	60.473	322,550	5.155	2,749,564	1,662,745
1951	156,039	2.941	4,589	58.972	92,019	4.616	720,276	424,760
1952	46,741	2.941	1,375	57.441	26,848	4.482	209,493	120,333
1953	538,733	2.941	15,844	55.880	301,044	4.219	2,272,915	1,270,105
1954	92,982	2.941	2,735	54.289	50,479	4.364	405,773	220,290
1955	104,415	2.941	3,071	52.667	54,992	4.203	438,856	231,131
1956	21,723	2.941	639	51.015	11,082	3.900	84,720	43,220
1957	29,146	2.941	857	49.333	14,379	3.827	111,542	55,028
1958	64,416	2.941	1,894	47.622	30,676	3.603	232,091	110,526
1959	138,650	2.941	4,078	45.882	63,615	3.470	481,115	220,744
1960	223,883	2.941	6,584	44.115	98,766	3.466	775,978	342,323
1961	64,141	2.941	1,886	42.319	27,144	3.481	223,275	94,488
1962	82,561	2.941	2,428	40.498	33,436	3.479	287,230	116,324
1963	181,543	2.941	5,339	38.651	70,168	3.278	595,093	230,011
1964	344,689	2.941	10,137	36.781	126,780	3.574	1,231,918	453,112
1965	51,391	2.941	1,511	34.888	17,929	3.417	175,603	61,263
1966	93,973	2.941	2,764	32.973	30,986	2.863	269,045	88,713
1967	2,226,222	2.941	65,473	31.040	691,019	2.852	6,349,185	1,970,786
1968	2,168,589	2.941	63,778	29.088	630,799	2.827	6,130,601	1,783,269

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3642 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1969	3,112,505	2.941	91,539	27.119	844,080	2.479	7,715,900	2,092,474
1970	1,143,190	2.941	33,621	25.136	287,352	2.525	2,886,555	725,564
1971	1,707,749	2.941	50,225	23.138	395,139	2.318	3,958,562	915,932
1972	1,478,961	2.941	43,496	21.127	312,460	2.187	3,234,488	683,350
1973	501,408	2.941	14,746	19.104	95,789	2.050	1,027,886	196,367
1974	253,725	2.941	7,462	17.066	43,301	1.571	398,602	68,026
1975	1,407,827	2.941	41,404	15.015	211,385	1.432	2,016,008	302,703
1976	655,996	2.941	19,293	12.948	84,938	1.427	936,106	121,207
1977	1,810,622	2.941	53,250	10.865	196,724	1.353	2,449,772	266,168
1978	779,067	2.941	22,912	8.765	68,285	1.243	968,380	84,878
1979	3,061,284	2.941	90,032	6.647	203,484	1.149	3,517,415	233,803
1980	549,867	2.941	16,172	4.510	24,799	1.054	579,560	26,138
1981	265,297	2.941	7,802	2.355	6,248	1.000	265,297	6,248
1982	279,165	2.941	8,210	0.636	1,775	1.000	279,165	1,775
ASL TOTAL	27,798,744	2.941	817,556		8,510,352		98,361,925	54,164,312

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3644 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1925	21,711	2.941	639	89.522	19,436	12.400	269,216	241,006
1926	31,905	2.941	938	88.615	28,273	12.181	388,635	344,393
1927	20,107	2.941	591	87.695	17,633	11.802	237,303	208,105
1928	15,943	2.941	469	86.757	13,832	11.411	181,926	157,837
1929	18,419	2.941	542	85.801	15,804	11.236	206,956	177,574
1930	240,990	2.941	7,088	84.827	204,425	11.714	2,822,957	2,394,634
1931	221,898	2.941	6,526	83.833	186,024	12.834	2,847,839	2,387,432
1932	161,063	2.941	4,737	82.818	133,389	12.879	2,074,330	1,717,917
1933	151,668	2.941	4,461	81.783	124,055	13.031	1,976,646	1,616,561
1934	172,934	2.941	5,086	80.726	139,603	12.276	2,122,938	1,713,766
1935	227,546	2.941	6,692	79.647	181,234	12.087	2,750,349	2,190,575
1936	328,295	2.941	9,655	78.546	257,863	11.892	3,904,084	3,066,507
1937	531,419	2.941	15,629	77.422	411,435	11.012	5,851,986	4,530,722
1938	253,823	2.941	7,465	76.274	193,601	10.957	2,781,139	2,121,286
1939	279,376	2.941	8,216	75.103	209,820	10.796	3,016,143	2,265,217
1940	334,133	2.941	9,827	73.907	246,948	10.968	3,664,771	2,708,526
1941	458,779	2.941	13,493	72.685	333,464	10.712	4,914,441	3,572,066
1942	349,831	2.941	10,289	71.438	249,912	9.191	3,215,297	2,296,941
1943	315,640	2.941	9,283	70.165	221,469	9.108	2,874,849	2,017,140
1944	444,573	2.941	13,075	68.865	306,155	8.355	3,714,407	2,557,925
1945	672,340	2.941	19,774	67.538	454,085	8.132	5,467,469	3,692,619
1946	1,235,686	2.941	36,347	66.182	817,934	7.155	8,842,764	5,852,318
1947	1,667,419	2.941	49,039	64.799	1,080,471	6.473	10,793,203	6,993,889
1948	1,279,844	2.941	37,640	63.386	811,242	6.033	7,721,299	4,894,223
1949	1,355,649	2.941	39,870	61.945	839,757	5.808	7,873,609	4,877,309
1950	1,373,519	2.941	40,395	60.473	830,608	5.615	7,712,309	4,663,864
1951	1,694,103	2.941	49,824	58.972	999,046	5.194	8,799,171	5,189,045
1952	1,813,352	2.941	53,331	57.441	1,041,608	4.909	8,901,745	5,113,254
1953	1,985,619	2.941	58,397	55.880	1,109,564	4.648	9,229,157	5,157,253
1954	2,538,032	2.941	74,644	54.289	1,377,872	4.660	11,827,229	6,420,884
1955	2,612,208	2.941	76,825	52.667	1,375,772	4.556	11,901,220	6,268,017
1956	2,489,297	2.941	73,210	51.015	1,269,915	4.273	10,636,766	5,426,347
1957	2,703,365	2.941	79,506	49.333	1,333,651	4.075	11,016,212	5,434,628
1958	2,602,283	2.941	76,533	47.622	1,239,259	4.005	10,422,143	4,963,232
1959	2,982,898	2.941	87,727	45.882	1,368,613	3.899	11,630,319	5,336,222
1960	2,603,698	2.941	76,575	44.115	1,148,621	3.776	9,831,564	4,337,193
1961	3,042,433	2.941	89,478	42.319	1,287,527	3.737	11,369,572	4,811,488
1962	3,088,671	2.941	90,838	40.498	1,250,850	3.686	11,384,841	4,610,633
1963	4,076,554	2.941	119,891	38.651	1,575,629	3.597	14,663,365	5,667,538
1964	4,420,524	2.941	130,008	36.781	1,625,913	3.519	15,555,824	5,721,588
1965	4,607,144	2.941	135,496	34.888	1,607,340	3.372	15,535,290	5,419,950
1966	5,018,721	2.941	147,601	32.973	1,654,823	3.190	16,009,720	5,278,885
1967	6,343,846	2.941	186,573	31.040	1,969,130	3.063	19,431,200	6,031,445
1968	7,027,709	2.941	206,685	29.088	2,044,220	2.902	20,394,412	5,932,326
1969	9,452,995	2.941	278,013	27.119	2,563,558	2.747	25,967,377	7,042,094
1970	9,115,257	2.941	268,080	25.136	2,291,211	2.593	23,635,861	5,941,110
1971	9,996,433	2.941	293,995	23.138	2,312,975	2.367	23,661,557	5,474,812
1972	13,758,378	2.941	404,634	21.127	2,906,733	2.125	29,236,553	6,176,808
1973	18,984,578	2.941	558,336	19.104	3,626,814	1.973	37,456,572	7,155,704
1974	15,011,969	2.941	441,502	17.066	2,561,943	1.779	26,706,293	4,557,697
1975	18,202,233	2.941	535,328	15.015	2,733,065	1.675	30,488,740	4,577,884
1976	17,410,438	2.941	512,041	12.948	2,254,304	1.530	26,637,970	3,449,085
1977	18,983,658	2.941	558,309	10.865	2,062,574	1.409	26,747,974	2,906,167
1978	17,408,225	2.941	511,976	8.765	1,525,831	1.307	22,752,550	1,994,261
1979	21,973,771	2.941	646,249	6.647	1,460,597	1.217	26,742,079	1,777,547
1980	17,423,251	2.941	512,418	4.510	785,789	1.115	19,426,925	876,155
1981	14,215,605	2.941	418,081	2.355	334,777	1.000	14,215,605	334,777
1982	8,751,865	2.941	257,392	0.636	55,662	1.000	8,751,865	55,662

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3644 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
ASL								
TOTAL	284,503,843	2.941	8,367,262		61,083,658		669,194,536	218,700,043

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3646 CLEARING LAND AND R/W - TOWERS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	2,650	2.941	78	100.000	2,650	50.887	134,851	134,851
1913	2,343	2.941	69	100.000	2,343	43.961	103,001	103,001
1914	6,799	2.941	200	99.802	6,786	41.978	285,408	284,863
1917	6,740	2.941	198	97.508	6,572	32.166	216,799	211,395
1918	370	2.941	11	96.194	356	27.619	10,219	9,832
1919	2,122	2.941	62	95.067	2,017	22.448	47,635	45,278
1920	130	2.941	4	94.049	122	18.930	2,461	2,309
1921	136	2.941	4	93.102	127	19.708	2,680	2,503
1922	11,312	2.941	333	92.194	10,429	21.017	237,744	219,186
1923	76,597	2.941	2,253	91.304	69,936	18.930	1,449,981	1,323,898
1924	22,895	2.941	673	90.416	20,701	18.930	433,402	391,870
1925	15,339	2.941	451	89.522	13,732	18.930	290,367	259,947
1926	1,436	2.941	42	88.615	1,273	17.239	24,755	21,945
1927	7,571	2.941	223	87.695	6,639	17.882	135,385	118,719
1928	372	2.941	11	86.757	323	18.232	6,782	5,889
1929	216	2.941	6	85.801	185	18.553	4,007	3,432
1930	322	2.941	9	84.827	273	18.930	6,095	5,168
1932	6,337	2.941	186	82.818	5,248	19.708	124,890	103,428
1933	1,483	2.941	44	81.783	1,213	18.553	27,514	22,505
1934	617	2.941	18	80.726	498	17.564	10,837	8,747
1935	25,559	2.941	752	79.647	20,357	17.239	440,612	350,934
1936	32	2.941	1	78.546	25	16.944	542	424
1937	2,243	2.941	66	77.422	1,737	15.826	35,498	27,490
1938	1,476	2.941	43	76.274	1,126	15.826	23,359	17,820
1940	1,663	2.941	49	73.907	1,229	15.826	26,319	19,450
1941	1,238	2.941	36	72.685	900	15.826	19,593	14,243
1942	4,030	2.941	119	71.438	2,879	11.854	47,772	34,128
1944	4,029	2.941	118	68.865	2,775	11.854	47,760	32,895
1945	804	2.941	24	67.538	543	11.854	9,531	6,437
1946	1,715	2.941	50	66.182	1,135	9.375	16,078	10,641
1947	14,294	2.941	420	64.799	9,262	8.504	121,556	78,764
1948	29,932	2.941	880	63.386	18,973	7.854	235,086	149,014
1949	32,402	2.941	953	61.945	20,071	7.447	241,298	149,469
1950	32,424	2.941	954	60.473	19,608	7.071	229,270	138,648
1951	60,484	2.941	1,779	58.972	35,669	6.700	405,243	238,982
1952	4,426	2.941	130	57.441	2,542	5.894	26,087	14,983
1953	94,924	2.941	2,792	55.880	53,044	5.533	525,214	293,492
1954	2,144	2.941	63	54.289	1,164	5.330	11,428	6,204
1955	12,548	2.941	369	52.667	6,609	5.136	64,447	33,944
1956	568	2.941	17	51.015	290	4.854	2,757	1,408
1957	499	2.941	15	49.333	246	4.608	2,299	1,134
1958	4,887	2.941	144	47.622	2,327	4.426	21,630	10,299
1959	1,617	2.941	48	45.882	742	4.207	6,803	3,122
1966	1,739	2.941	51	32.973	573	3.000	5,217	1,719
1967	17,224	2.941	507	31.040	5,346	2.766	47,642	14,787
1968	32,450	2.941	954	29.088	9,439	2.625	85,181	24,777
1969	72,528	2.941	2,133	27.119	19,669	2.454	177,994	48,268
1970	14,199	2.941	418	25.136	3,569	2.291	32,530	8,177
1971	13,318	2.941	392	23.138	3,082	2.041	27,182	6,290
1972	14,443	2.941	425	21.127	3,051	1.842	26,604	5,620
1975	12,542	2.941	369	15.015	1,883	1.627	20,406	3,064
1976	3,187	2.941	94	12.948	413	1.483	4,726	612
1977	840	2.941	25	10.865	91	1.363	1,145	124
1978	1,996	2.941	59	8.765	175	1.272	2,539	223
1979	872,180	2.941	25,651	6.647	57,974	1.195	1,042,255	69,279
1981	439	2.941	13	2.355	10	1.000	439	10
ASL TOTAL	1,556,810	2.941	45,788		459,951		7,588,845	5,095,631

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3648 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1917	6,589	2.941	194	97.508	6,425	32.166	211,942	206,667
1918	2,793	2.941	82	96.194	2,687	27.619	77,140	74,212
1919	241	2.941	7	95.067	229	22.448	5,410	5,141
1920	1,571	2.941	46	94.049	1,478	18.930	29,739	27,979
1921	120	2.941	4	93.102	112	19.708	2,365	2,207
1922	1,165	2.941	34	92.194	1,074	21.017	24,485	22,572
1923	46,874	2.941	1,379	91.304	42,798	18.930	887,325	810,166
1924	13,081	2.941	385	90.416	11,827	18.930	247,623	223,885
1925	14,931	2.941	439	89.522	13,367	18.930	282,644	253,037
1926	52,970	2.941	1,558	88.615	46,939	17.239	913,150	809,181
1927	71,264	2.941	2,096	87.695	62,495	17.882	1,274,343	1,117,536
1928	79,105	2.941	2,326	86.757	68,629	18.232	1,442,242	1,251,244
1929	62,461	2.941	1,837	85.801	53,592	18.553	1,158,839	994,292
1930	58,146	2.941	1,710	84.827	49,324	18.930	1,100,704	933,703
1931	75,536	2.941	2,222	83.833	63,324	19.323	1,459,582	1,223,610
1932	43,228	2.941	1,271	82.818	35,801	19.708	851,937	705,566
1933	13,909	2.941	409	81.783	11,375	18.553	258,054	211,040
1934	17,957	2.941	528	80.726	14,496	17.564	315,397	254,608
1935	40,227	2.941	1,183	79.647	32,040	17.239	693,473	552,338
1936	75,424	2.941	2,218	78.546	59,243	16.944	1,277,984	1,003,813
1937	104,269	2.941	3,067	77.422	80,727	15.826	1,650,161	1,277,586
1938	34,348	2.941	1,010	76.274	26,199	15.826	543,591	414,625
1939	21,192	2.941	623	75.103	15,916	15.826	335,385	251,887
1940	27,828	2.941	818	73.907	20,567	15.826	440,406	325,493
1941	69,431	2.941	2,042	72.685	50,466	15.826	1,098,815	798,675
1942	95,725	2.941	2,815	71.438	68,384	11.854	1,134,724	810,624
1943	16,428	2.941	483	70.165	11,527	11.854	194,738	136,641
1944	39,731	2.941	1,168	68.865	27,361	11.854	470,971	324,337
1945	65,837	2.941	1,936	67.538	44,465	11.854	780,432	527,088
1946	239,200	2.941	7,035	66.182	158,307	9.375	2,242,500	1,484,128
1947	464,829	2.941	13,671	64.799	301,205	8.504	3,952,906	2,561,447
1948	276,834	2.941	8,142	63.386	175,474	7.854	2,174,254	1,378,173
1949	216,150	2.941	6,357	61.945	133,894	7.447	1,609,669	997,109
1950	336,308	2.941	9,891	60.473	203,376	7.071	2,378,034	1,438,072
1951	418,132	2.941	12,297	58.972	246,581	6.700	2,801,484	1,652,093
1952	234,040	2.941	6,883	57.441	134,435	5.894	1,379,432	792,360
1953	504,465	2.941	14,836	55.880	281,895	5.533	2,791,205	1,559,725
1954	572,766	2.941	16,845	54.289	310,949	5.330	3,052,843	1,657,358
1955	404,216	2.941	11,888	52.667	212,888	5.136	2,076,053	1,093,393
1956	352,379	2.941	10,363	51.015	179,766	4.854	1,710,448	872,584
1957	398,418	2.941	11,717	49.333	195,552	4.608	1,835,910	905,712
1958	530,235	2.941	15,594	47.622	252,509	4.426	2,346,820	1,117,605
1959	452,946	2.941	13,321	45.892	207,821	4.207	1,905,544	874,303
1960	400,719	2.941	11,785	44.115	176,777	4.024	1,612,493	711,351
1961	237,240	2.941	6,977	42.319	100,398	3.876	919,542	389,143
1962	185,936	2.941	5,468	40.498	75,300	3.753	697,818	282,601
1963	60,970	2.941	1,793	38.651	23,566	3.587	218,699	84,531
1964	83,705	2.941	2,462	36.781	30,788	3.483	291,545	107,235
1965	110,381	2.941	3,246	34.888	38,510	3.224	355,868	124,156
1966	96,194	2.941	2,829	32.973	31,718	3.000	288,582	95,154
1967	307,840	2.941	9,054	31.040	95,554	2.766	851,405	264,302
1968	82,481	2.941	2,426	29.088	23,992	2.625	216,513	62,979
1969	286,241	2.941	8,418	27.119	77,626	2.454	702,435	190,494
1970	183,198	2.941	5,388	25.136	46,049	2.291	419,707	105,498
1971	377,714	2.941	11,109	23.138	87,395	2.041	770,914	178,373
1972	491,613	2.941	14,458	21.127	103,863	1.842	905,551	191,316
1973	344,611	2.941	10,135	19.104	65,834	1.766	608,583	116,263
1974	278,840	2.941	8,201	17.066	47,587	1.627	453,673	77,424
1975	595,550	2.941	17,515	15.015	89,422	1.627	968,950	145,490

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3648 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1976	307,577	2.941	9,046	12.948	39,825	1.483	456,137	59,060
1977	714,945	2.941	21,027	10.865	77,679	1.363	974,470	105,876
1978	241,209	2.941	7,094	8.765	21,142	1.272	306,818	26,893
1979	1,195,977	2.941	35,174	6.647	79,497	1.195	1,429,193	94,999
1980	1,108,006	2.941	32,586	4.510	49,971	1.094	1,212,159	54,668
1981	799,230	2.941	23,505	2.355	18,822	1.000	799,230	18,822
1982	587,581	2.941	17,281	0.636	3,737	1.000	587,581	3,737
ASL TOTAL	15,631,057	2.941	459,707		5,323,571		67,468,659	37,424,180

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3650 OVERHEAD CONDUCTORS & DEVICES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 27

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1928	126,016	3.704	4,668	100.000	126,016	9.357	1,179,132	1,179,132
1929	162,663	3.704	6,025	100.000	162,663	8.741	1,421,837	1,421,837
1930	209,431	3.704	7,757	100.000	209,431	10.286	2,154,207	2,154,207
1931	133,270	3.704	4,936	100.000	133,270	12.355	1,646,551	1,646,551
1932	117,265	3.704	4,343	99.975	117,236	13.940	1,634,674	1,634,270
1933	71,803	3.704	2,660	99.915	71,742	12.817	920,299	919,517
1934	99,171	3.704	3,673	98.947	98,127	10.310	1,022,453	1,011,689
1935	291,985	3.704	10,815	97.146	283,652	10.274	2,999,854	2,914,241
1936	229,650	3.704	8,506	96.011	220,489	10.054	2,308,901	2,216,796
1937	356,826	3.704	13,217	94.955	338,824	8.908	3,178,606	3,018,244
1938	174,129	3.704	6,450	93.905	163,516	10.418	1,814,076	1,703,510
1939	157,982	3.704	5,852	92.850	146,686	10.227	1,615,682	1,500,158
1940	274,182	3.704	10,156	91.788	251,666	10.111	2,772,254	2,544,595
1941	323,082	3.704	11,967	90.718	293,094	10.192	3,292,852	2,987,214
1942	301,795	3.704	11,178	89.645	270,544	8.988	2,712,533	2,431,649
1943	102,300	3.704	3,789	88.568	90,605	8.943	914,869	810,281
1944	216,561	3.704	8,021	87.477	189,441	8.943	1,936,705	1,694,171
1945	367,143	3.704	13,599	86.368	317,094	8.943	3,283,360	2,835,772
1946	670,391	3.704	24,831	85.232	571,388	7.337	4,918,659	4,192,274
1947	1,212,217	3.704	44,901	84.058	1,018,965	5.546	6,722,955	5,651,180
1948	955,616	3.704	35,396	82.838	791,613	5.318	5,081,966	4,209,798
1949	1,008,328	3.704	37,348	81.564	822,433	5.581	5,627,479	4,589,999
1950	1,119,127	3.704	41,452	80.229	897,864	5.359	5,997,402	4,811,653
1951	1,272,167	3.704	47,121	78.825	1,002,786	4.889	6,219,624	4,902,621
1952	1,343,391	3.704	49,759	77.349	1,039,100	4.478	6,015,705	4,653,090
1953	1,796,781	3.704	66,553	75.797	1,361,906	4.018	7,219,466	5,472,138
1954	2,032,386	3.704	75,280	74.165	1,507,319	3.982	8,092,961	6,002,144
1955	1,720,533	3.704	63,729	72.454	1,246,595	3.831	6,591,362	4,775,705
1956	1,652,139	3.704	61,195	70.660	1,167,401	3.553	5,870,050	4,147,776
1957	1,766,545	3.704	65,433	68.784	1,215,100	3.508	6,197,040	4,262,571
1958	1,866,370	3.704	69,130	66.827	1,247,239	3.462	6,461,373	4,317,941
1959	1,713,885	3.704	63,482	64.789	1,110,409	3.346	5,734,659	3,715,429
1960	1,542,820	3.704	57,146	62.671	966,901	3.290	5,075,878	3,181,104
1961	2,142,418	3.704	79,355	60.477	1,295,670	3.228	6,915,725	4,182,423
1962	2,002,498	3.704	74,173	58.207	1,165,594	3.146	6,299,859	3,666,959
1963	2,320,470	3.704	85,950	55.863	1,296,284	3.162	7,337,326	4,098,850
1964	2,657,617	3.704	98,438	53.449	1,420,470	3.068	8,153,569	4,358,002
1965	2,957,954	3.704	109,563	50.965	1,507,521	2.878	8,512,992	4,338,645
1966	3,428,664	3.704	126,998	48.415	1,659,988	2.727	9,349,967	4,526,787
1967	5,949,537	3.704	220,371	45.801	2,724,947	2.479	14,748,902	6,755,144
1968	7,243,896	3.704	268,314	43.126	3,124,003	2.392	17,327,399	7,472,615
1969	9,155,033	3.704	339,102	40.390	3,697,718	2.399	21,962,924	8,870,825
1970	8,035,749	3.704	297,644	37.597	3,021,201	2.307	18,538,473	6,969,911
1971	8,746,851	3.704	323,983	34.748	3,039,356	2.070	18,105,982	6,291,467
1972	11,068,358	3.704	409,972	31.846	3,524,829	1.897	20,996,675	6,686,601
1973	14,479,767	3.704	536,331	28.892	4,183,494	1.784	25,831,904	7,463,353
1974	10,099,697	3.704	374,093	25.888	2,614,610	1.641	16,573,603	4,290,575
1975	12,685,682	3.704	469,878	22.836	2,896,902	1.536	19,485,208	4,449,641
1976	11,676,626	3.704	432,502	19.737	2,304,616	1.412	16,487,396	3,254,118
1977	12,872,355	3.704	476,792	16.594	2,136,039	1.307	16,824,168	2,791,803
1978	11,034,566	3.704	408,720	13.409	1,479,625	1.227	13,539,412	1,815,500
1979	15,628,916	3.704	578,895	10.182	1,591,336	1.153	18,020,140	1,834,810
1980	13,160,930	3.704	487,481	6.916	910,210	1.067	14,042,712	971,194
1981	10,285,431	3.704	380,972	3.614	371,715	1.000	10,285,431	371,715
1982	6,773,795	3.704	250,901	0.977	66,180	1.000	6,773,795	66,180
ASL TOTAL	209,794,760	3.704	7,770,796		65,483,423		444,748,986	199,036,375

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3660 UNDERGROUND CONDUIT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1903	30,274	1.667	505	85.190	25,790	26.657	807,014	687,484
1907	19,388	1.667	323	83.270	16,144	25.013	484,952	403,810
1908	4,763	1.667	79	82.770	3,942	26.016	123,914	102,555
1909	11,080	1.667	185	82.261	9,115	26.822	297,188	244,483
1910	329	1.667	5	81.742	269	25.860	8,508	6,956
1911	1,356	1.667	23	81.215	1,101	25.757	34,926	28,358
1912	26,029	1.667	434	80.678	21,000	25.110	653,588	527,310
1913	2,664	1.667	44	80.131	2,135	23.907	63,688	51,041
1914	7,860	1.667	131	79.574	6,255	23.776	186,879	148,719
1915	19,601	1.667	327	79.006	15,486	23.099	452,763	357,711
1916	85,237	1.667	1,421	78.427	66,849	19.699	1,679,004	1,316,858
1917	7,584	1.667	126	77.837	5,903	15.622	118,477	92,217
1919	4,697	1.667	78	76.621	3,599	12.752	59,896	45,894
1920	1,217	1.667	20	75.995	925	11.269	13,714	10,424
1921	1,267	1.667	21	75.356	955	12.628	16,000	12,060
1922	50,221	1.667	837	74.704	37,517	13.650	685,517	512,107
1923	13,200	1.667	220	74.037	9,773	12.506	165,079	122,221
1924	22,664	1.667	378	73.357	16,626	12.690	287,606	210,984
1925	25,713	1.667	429	72.662	18,684	12.714	326,915	237,548
1926	55,986	1.667	933	71.953	40,284	12.121	678,606	488,282
1927	37,236	1.667	621	71.227	26,522	12.530	466,567	332,321
1928	45,722	1.667	762	70.486	32,228	13.099	598,912	422,155
1929	24,187	1.667	403	69.728	16,865	13.047	315,568	220,038
1930	27,251	1.667	454	68.953	18,790	13.274	361,730	249,418
1931	87,468	1.667	1,458	68.161	59,619	14.172	1,239,596	844,920
1932	267,840	1.667	4,465	67.351	180,393	14.521	3,889,305	2,619,487
1933	47,634	1.667	794	66.522	31,687	13.795	657,111	437,122
1934	31,976	1.667	533	65.675	21,000	13.466	430,589	282,786
1935	36,713	1.667	612	64.807	23,793	13.355	490,302	317,756
1936	10,690	1.667	178	63.920	6,833	13.274	141,899	90,701
1937	18,201	1.667	303	63.013	11,469	12.982	236,285	148,891
1938	14,054	1.667	234	62.084	8,725	12.943	181,901	112,928
1939	34,190	1.667	570	61.133	20,901	12.982	443,855	271,337
1940	50,652	1.667	844	60.161	30,473	13.152	665,175	400,781
1941	27,047	1.667	451	59.166	16,003	13.060	353,234	208,999
1942	12,209	1.667	204	58.149	7,099	10.909	133,188	77,443
1943	53	1.667	1	57.108	30	10.809	573	324
1944	1,214	1.667	20	56.043	680	10.477	12,719	7,124
1945	3,257	1.667	54	54.954	1,790	10.452	34,042	18,709
1946	33,822	1.667	564	53.841	18,210	8.849	299,291	161,140
1947	17,301	1.667	288	52.703	9,118	7.872	136,193	71,777
1948	53,047	1.667	884	51.539	27,340	7.285	386,447	199,172
1949	179,354	1.667	2,990	50.352	90,308	6.775	1,215,123	611,837
1950	74,355	1.667	1,239	49.138	36,537	6.420	477,359	234,568
1951	47,760	1.667	796	47.898	22,876	6.094	291,049	139,406
1952	287,587	1.667	4,794	46.634	134,113	5.574	1,603,010	747,546
1953	149,275	1.667	2,488	45.344	67,687	4.878	728,163	330,177
1954	121,813	1.667	2,031	44.029	53,633	4.755	579,221	255,025
1955	74,483	1.667	1,242	42.689	31,796	4.579	341,058	145,594
1956	53,236	1.667	887	41.324	21,999	4.382	233,280	96,400
1957	91,151	1.667	1,519	39.935	36,401	4.185	381,457	152,338
1958	100,413	1.667	1,674	38.523	38,682	4.030	404,664	155,888
1959	111,946	1.667	1,866	37.086	41,516	3.757	420,581	155,976
1960	118,487	1.667	1,975	35.628	42,215	3.718	440,535	156,955
1961	59,762	1.667	996	34.148	20,408	3.646	217,892	74,408
1962	57,158	1.667	953	32.647	18,660	3.445	196,909	64,284
1963	67,557	1.667	1,126	31.126	21,028	3.277	221,384	68,909
1964	279,434	1.667	4,658	29.587	82,676	3.368	941,134	278,453
1965	98,204	1.667	1,637	28.030	27,527	3.205	314,744	88,224

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3660 UNDERGROUND CONDUIT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1966	171,606	1.667	2,861	26.457	45,402	2.929	502,634	132,982
1967	739,461	1.667	12,327	24.870	183,904	2.804	2,073,449	515,667
1968	411,426	1.667	6,858	23.268	95,731	2.706	1,113,319	259,048
1969	769,857	1.667	12,834	21.654	166,705	2.512	1,933,881	418,763
1970	446,388	1.667	7,441	20.030	89,412	2.454	1,095,436	219,417
1971	1,210,102	1.667	20,172	18.396	222,610	2.237	2,706,998	497,979
1972	1,509,699	1.667	25,167	16.755	252,950	2.049	3,093,373	518,295
1973	3,272,912	1.667	54,559	15.106	494,406	1.925	6,300,356	951,732
1974	1,208,351	1.667	20,143	13.452	162,547	1.616	1,952,695	262,676
1975	1,963,414	1.667	32,730	11.794	231,565	1.540	3,023,658	356,610
1976	2,173,383	1.667	36,230	10.133	220,229	1.459	3,170,966	321,314
1977	1,135,959	1.667	18,936	8.470	96,216	1.359	1,543,768	130,758
1978	1,836,911	1.667	30,621	6.805	125,002	1.257	2,308,997	157,128
1979	1,646,925	1.667	27,454	5.139	84,635	1.169	1,925,255	98,938
1980	1,398,840	1.667	23,319	3.472	48,568	1.072	1,499,556	52,065
1981	1,237,283	1.667	20,626	1.806	22,345	1.000	1,237,283	22,345
1982	350,699	1.667	5,846	0.486	1,704	1.000	350,699	1,704
ASL TOTAL	24,728,085	1.667	412,211		4,203,913		63,459,692	21,775,760

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3670 UNDERGROUND CONDUCTORS&DEVICES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1903	72	2.857	2	100.000	72	3.358	242	242
1908	132	2.857	4	100.000	132	3.465	457	457
1910	4,512	2.857	129	100.000	4,512	3.465	15,634	15,634
1912	1,005	2.857	29	100.000	1,005	3.353	3,370	3,370
1915	364	2.857	10	100.000	364	3.005	1,094	1,094
1916	1,059	2.857	30	100.000	1,059	2.249	2,382	2,382
1917	887	2.857	25	100.000	887	1.989	1,764	1,764
1918	529	2.857	15	100.000	529	2.038	1,078	1,078
1921	47	2.857	1	100.000	47	2.401	113	113
1922	1,133	2.857	32	100.000	1,133	2.334	2,644	2,644
1923	1,350	2.857	39	99.807	1,347	2.069	2,793	2,787
1924	37,252	2.857	1,064	99.344	37,008	2.124	79,123	78,605
1925	4,538	2.857	130	98.649	4,477	1.988	9,022	8,900
1926	10,060	2.857	287	97.766	9,835	2.021	20,331	19,877
1927	21,044	2.857	601	97.085	20,431	2.136	44,950	43,641
1928	39,199	2.857	1,120	96.408	37,791	2.132	83,572	80,570
1929	4,149	2.857	119	95.715	3,971	1.997	8,286	7,930
1930	54,218	2.857	1,549	95.011	51,513	2.284	123,834	117,656
1931	4,418	2.857	126	94.297	4,166	2.692	11,893	11,215
1932	50,002	2.857	1,429	93.574	46,789	3.140	157,006	146,917
1933	79,274	2.857	2,265	92.845	73,602	2.976	235,919	219,040
1934	39,273	2.857	1,122	92.114	36,176	2.696	105,880	97,530
1935	52,688	2.857	1,505	91.381	48,147	2.568	135,303	123,641
1936	13,953	2.857	399	90.640	12,647	2.474	34,520	31,289
1937	11,047	2.857	316	89.889	9,930	2.173	24,005	21,578
1938	17,910	2.857	512	89.118	15,961	1.902	34,065	30,358
1939	20,554	2.857	587	88.316	18,152	1.919	39,443	34,834
1940	54,595	2.857	1,560	87.475	47,757	1.906	104,058	91,025
1941	13,185	2.857	377	86.586	11,416	1.865	24,590	21,291
1942	5,758	2.857	165	85.642	4,931	1.762	10,146	8,688
1943	5,038	2.857	144	84.637	4,264	1.769	8,912	7,543
1944	2,355	2.857	67	83.565	1,968	1.781	4,194	3,505
1945	9,484	2.857	271	82.422	7,817	1.797	17,043	14,047
1946	30,418	2.857	869	81.204	24,701	1.492	45,384	36,854
1947	15,918	2.857	455	79.909	12,720	1.137	18,099	14,463
1948	14,288	2.857	408	78.536	11,221	1.046	14,945	11,737
1949	96,121	2.857	2,746	77.086	74,096	1.073	103,138	79,505
1950	64,111	2.857	1,832	75.559	48,442	1.005	64,432	48,684
1951	90,663	2.857	2,590	73.956	67,051	.866	78,514	58,066
1952	131,545	2.857	3,758	72.280	95,081	.836	109,972	79,488
1953	58,525	2.857	1,672	70.534	41,280	.781	45,708	32,240
1954	119,152	2.857	3,404	68.721	81,882	.765	91,151	62,640
1955	132,048	2.857	3,773	66.845	88,267	.670	88,472	59,139
1956	51,458	2.857	1,470	64.909	33,401	.612	31,492	20,441
1957	89,626	2.857	2,561	62.916	56,389	.719	64,441	40,544
1958	72,689	2.857	2,077	60.868	44,244	.766	55,680	33,891
1959	445,676	2.857	12,733	58.769	261,919	.701	312,419	183,605
1960	136,399	2.857	3,897	56.621	77,230	.682	93,024	52,671
1961	73,916	2.857	2,112	54.426	40,230	.700	51,741	28,161
1962	148,973	2.857	4,256	52.186	77,743	.727	108,303	56,519
1963	202,462	2.857	5,784	49.902	101,033	.706	142,938	71,329
1964	368,434	2.857	10,526	47.577	175,290	.658	242,430	115,341
1965	263,622	2.857	7,532	45.210	119,184	.580	152,901	69,127
1966	336,882	2.857	9,625	42.803	144,196	.514	173,157	74,117
1967	432,839	2.857	12,366	40.357	174,681	.507	219,449	88,563
1968	663,669	2.857	18,961	37.875	251,365	.505	335,153	126,939
1969	1,164,602	2.857	33,273	35.358	411,760	.459	534,552	189,007
1970	1,148,397	2.857	32,810	32.806	376,743	.446	512,105	168,027
1971	2,407,921	2.857	68,794	30.223	727,746	.431	1,037,814	313,659

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3670 UNDERGROUND CONDUCTORS&DEVICES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1972	2,850,492	2.857	81,439	27.609	786,992	.029	82,664	22,823
1973	4,884,601	2.857	139,553	24.966	1,219,489	.025	122,115	30,487
1974	2,378,154	2.857	67,944	22.297	530,257	.022	52,319	11,666
1975	3,212,720	2.857	91,787	19.603	629,790	.545	1,750,932	343,236
1976	3,886,629	2.857	111,041	16.887	656,335	.496	1,927,768	325,542
1977	3,218,516	2.857	91,953	14.151	455,452	.455	1,464,425	207,231
1978	3,138,872	2.857	89,678	11.396	357,706	.421	1,321,465	150,594
1979	3,818,474	2.857	109,094	8.626	329,382	.392	1,496,842	129,118
1980	2,810,538	2.857	80,297	5.840	164,135	1.082	3,041,002	177,594
1981	3,163,953	2.857	90,394	3.042	96,247	1.000	3,163,953	96,247
1982	1,441,100	2.857	41,172	0.820	11,817	1.000	1,441,100	11,817
ASL TOTAL	44,125,487	2.857	1,260,667		9,375,353		21,939,745	4,872,357

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3682 TRANSF OVERHEAD TYPE DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 29

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1949	530,019	3.448	18,275	73.461	389,357	2.581	1,367,979	1,004,930
1950	678,738	3.448	23,403	72.141	489,648	2.379	1,614,718	1,164,873
1951	672,857	3.448	23,200	70.791	476,322	2.198	1,478,940	1,046,956
1952	740,240	3.448	25,523	69.408	513,786	2.142	1,585,594	1,100,530
1953	840,601	3.448	28,984	67.992	571,541	2.053	1,725,754	1,173,374
1954	1,364,304	3.448	47,041	66.540	907,808	2.009	2,740,887	1,823,786
1955	1,746,001	3.448	60,202	65.050	1,135,774	1.997	3,486,764	2,268,141
1956	2,105,325	3.448	72,592	63.520	1,337,302	1.939	4,082,225	2,593,029
1957	2,284,382	3.448	78,765	61.947	1,415,106	1.829	4,178,135	2,588,229
1958	2,044,057	3.448	70,479	60.330	1,233,120	1.872	3,826,475	2,308,513
1959	2,817,668	3.448	97,153	58.666	1,653,013	1.913	5,390,199	3,162,214
1960	2,771,046	3.448	95,546	56.951	1,578,138	1.930	5,348,119	3,045,806
1961	2,570,389	3.448	88,627	55.183	1,418,418	1.988	5,109,933	2,819,815
1962	1,991,716	3.448	68,674	53.359	1,062,760	2.145	4,272,231	2,279,620
1963	1,948,668	3.448	67,190	51.475	1,003,077	2.249	4,382,554	2,255,920
1964	2,363,431	3.448	81,491	49.528	1,170,560	2.239	5,291,722	2,620,884
1965	2,238,935	3.448	77,198	47.516	1,063,852	2.193	4,909,984	2,333,027
1966	3,693,732	3.448	127,360	45.433	1,678,173	2.162	7,985,849	3,628,210
1967	4,582,225	3.448	157,995	43.276	1,983,004	2.079	9,526,446	4,122,665
1968	4,706,907	3.448	162,294	41.041	1,931,762	2.002	9,423,228	3,867,388
1969	4,654,716	3.448	160,495	38.725	1,802,539	2.034	9,467,692	3,666,364
1970	5,128,450	3.448	176,829	36.323	1,862,807	2.013	10,323,570	3,749,830
1971	4,978,498	3.448	171,659	33.833	1,684,375	2.060	10,255,706	3,469,812
1972	5,774,126	3.448	199,092	31.250	1,804,414	1.933	11,161,386	3,487,932
1973	6,407,978	3.448	220,947	28.571	1,830,823	1.835	11,758,640	3,359,560
1974	6,196,185	3.448	213,644	25.795	1,598,306	1.737	10,762,773	2,776,258
1975	4,305,952	3.448	148,469	22.920	986,924	1.672	7,199,552	1,650,137
1976	3,239,611	3.448	111,702	19.945	646,140	1.584	5,131,544	1,023,486
1977	5,539,770	3.448	191,011	16.872	934,670	1.502	8,320,735	1,403,874
1978	4,634,847	3.448	159,810	13.704	635,159	1.432	6,637,101	909,548
1979	5,785,318	3.448	199,478	10.449	604,508	1.367	7,908,530	826,362
1980	4,972,087	3.448	171,438	7.116	353,814	1.300	6,463,713	459,958
1981	7,626,680	3.448	262,968	3.721	283,789	1.000	7,626,680	283,789
1982	3,761,570	3.448	129,699	1.005	37,804	1.000	3,761,570	37,804
ASL TOTAL	115,697,029	3.448	3,989,233		38,078,653		204,506,928	74,312,624

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3684 TRANSF SUBMERSIBLE OR PAD MTD DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 25

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1914	1,246	4.000	50	100.000	1,246	3.707	4,619	4,619
1915	220	4.000	9	100.000	220	3.707	816	816
1916	187	4.000	7	100.000	187	3.707	693	693
1918	459	4.000	18	100.000	459	3.707	1,702	1,702
1920	7,128	4.000	285	100.000	7,128	3.707	26,423	26,423
1921	1,370	4.000	55	100.000	1,370	3.707	5,079	5,079
1922	5,011	4.000	200	100.000	5,011	3.707	18,576	18,576
1923	1,831	4.000	73	100.000	1,831	3.707	6,788	6,788
1924	180	4.000	7	100.000	180	3.707	667	667
1926	1,224	4.000	49	100.000	1,224	3.707	4,537	4,537
1927	1,911	4.000	76	100.000	1,911	3.707	7,084	7,084
1929	12,460	4.000	498	100.000	12,460	3.707	46,189	46,189
1931	994	4.000	40	100.000	994	3.707	3,685	3,685
1932	13,227	4.000	529	100.000	13,227	3.707	49,032	49,032
1933	2,504	4.000	100	100.000	2,504	3.707	9,282	9,282
1934	10,385	4.000	415	100.000	10,385	3.707	38,497	38,497
1935	5,187	4.000	207	100.000	5,187	3.707	19,228	19,228
1936	10,197	4.000	408	99.721	10,169	3.707	37,800	37,696
1937	735	4.000	29	99.053	728	3.707	2,725	2,699
1938	2,930	4.000	117	97.966	2,870	3.673	10,762	10,542
1939	6,872	4.000	275	96.495	6,631	3.782	25,990	25,078
1944	943	4.000	38	90.760	856	3.659	3,450	3,132
1946	5,439	4.000	218	88.437	4,810	3.187	17,334	15,329
1947	6,075	4.000	243	87.257	5,301	2.739	16,639	14,519
1948	10,785	4.000	431	86.054	9,281	2.605	28,095	24,177
1949	6,465	4.000	259	84.815	5,483	2.581	16,686	14,152
1950	2,990	4.000	120	83.530	2,498	2.379	7,113	5,943
1951	8,595	4.000	344	82.186	7,064	2.198	18,892	15,527
1952	3,135	4.000	125	80.775	2,532	2.142	6,715	5,424
1953	14,315	4.000	573	79.287	11,350	2.053	29,389	23,302
1954	812	4.000	32	77.716	631	2.009	1,631	1,268
1955	3,440	4.000	138	76.057	2,616	1.997	6,870	5,224
1956	1,767	4.000	71	74.307	1,313	1.939	3,426	2,546
1957	410	4.000	16	72.462	297	1.829	750	543
1958	296	4.000	12	70.522	209	1.872	554	391
1959	4,284	4.000	171	68.487	2,934	1.913	8,195	5,613
1960	4,478	4.000	179	66.356	2,971	1.930	8,643	5,734
1961	12,759	4.000	510	64.132	8,183	1.988	25,365	16,268
1962	25,722	4.000	1,029	61.816	15,900	2.145	55,174	34,105
1963	39,043	4.000	1,562	59.410	23,195	2.249	87,808	52,166
1964	95,246	4.000	3,810	56.917	54,211	2.239	213,256	121,378
1965	105,743	4.000	4,230	54.341	57,462	2.193	231,894	126,014
1966	332,830	4.000	13,313	51.683	172,017	2.162	719,578	371,901
1967	347,700	4.000	13,908	48.946	170,185	2.079	722,868	353,815
1968	206,366	4.000	8,255	46.135	95,207	2.002	413,145	190,604
1969	334,630	4.000	13,385	43.251	144,731	2.034	680,637	294,333
1970	901,775	4.000	36,071	40.297	363,308	2.013	1,815,273	731,500
1971	1,451,317	4.000	58,053	37.276	540,993	2.060	2,989,713	1,114,446
1972	1,302,609	4.000	52,104	34.190	445,362	1.933	2,517,943	860,885
1973	2,699,318	4.000	107,973	31.043	837,949	1.835	4,953,249	1,537,636
1974	668,920	4.000	26,757	27.835	186,194	1.737	1,161,914	323,419
1975	540,599	4.000	21,624	24.570	132,825	1.672	903,882	222,083
1976	1,169,109	4.000	46,764	21.250	248,436	1.584	1,851,869	393,523
1977	1,340,287	4.000	53,611	17.877	239,603	1.502	2,013,111	359,884
1978	1,687,195	4.000	67,488	14.453	243,850	1.432	2,416,063	349,193
1979	1,847,019	4.000	73,881	10.981	202,821	1.367	2,524,875	277,256
1980	1,362,766	4.000	54,511	7.463	101,703	1.300	1,771,596	132,214
1981	2,645,050	4.000	105,802	3.901	103,183	1.000	2,645,050	103,183
1982	323,756	4.000	12,950	1.055	3,416	1.000	323,756	3,416

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3684 TRANSF SUBMERSIBLE OR PAD MTD DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 25

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
ASL TOTAL	19,600,246	4.000	784,008		4,536,882		31,532,575	8,431,008

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3686 TRANSF NON-NETWORK HOUSING DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1916	574	2.857	16	100.000	574	3.707	2,128	2,128
1948	3,835	2.857	110	71.054	2,725	2.605	9,990	7,099
1965	221	2.857	6	40.658	90	2.193	485	197
1966	6,233	2.857	178	38.512	2,400	2.162	13,476	5,189
1967	40,854	2.857	1,167	36.332	14,843	2.079	84,935	30,859
1968	82,653	2.857	2,361	34.120	28,201	2.002	165,471	56,458
1969	186,177	2.857	5,319	31.877	59,348	2.034	378,684	120,714
1970	167,342	2.857	4,781	29.603	49,538	2.013	336,859	99,720
1971	133,225	2.857	3,806	27.299	36,369	2.060	274,443	74,920
1972	120,753	2.857	3,450	24.966	30,147	1.933	233,416	58,274
1973	281,665	2.857	8,047	22.604	63,668	1.835	516,855	116,831
1974	90,798	2.857	2,594	20.215	18,355	1.737	157,716	31,883
1975	96,374	2.857	2,753	17.799	17,154	1.672	161,137	28,681
1976	95,514	2.857	2,729	15.358	14,669	1.584	151,294	23,236
1977	68,762	2.857	1,965	12.891	8,864	1.502	103,281	13,314
1978	57,666	2.857	1,648	10.401	5,998	1.432	82,578	8,589
1979	51,808	2.857	1,480	7.887	4,086	1.367	70,822	5,586
1980	32,442	2.857	927	5.350	1,736	1.300	42,175	2,257
1981	12,846	2.857	367	2.792	359	1.000	12,846	359
1982	6,268	2.857	179	0.754	47	1.000	6,268	47
ASL TOTAL	1,536,010	2.857	43,883		359,171		2,804,859	686,341

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3690 SERVICES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 18

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1946	53,282	5.556	2,960	100.000	53,282	11.865	632,191	632,191
1947	99,215	5.556	5,512	100.000	99,215	9.554	947,900	947,900
1948	133,316	5.556	7,407	100.000	133,316	9.118	1,215,575	1,215,575
1949	132,965	5.556	7,388	99.469	132,259	9.230	1,227,267	1,220,751
1950	162,832	5.556	9,047	98.195	159,893	8.890	1,447,576	1,421,449
1951	211,333	5.556	11,742	96.671	204,298	8.248	1,743,075	1,685,050
1952	232,801	5.556	12,934	94.910	220,951	7.583	1,765,330	1,675,471
1953	276,107	5.556	15,341	93.321	257,666	6.904	1,906,243	1,778,926
1954	267,756	5.556	14,877	91.738	245,634	6.807	1,822,615	1,672,031
1955	387,131	5.556	21,509	90.143	348,971	6.200	2,400,212	2,163,620
1956	442,127	5.556	24,565	88.536	391,442	5.826	2,575,832	2,280,541
1957	494,999	5.556	27,502	86.901	430,159	6.297	3,117,009	2,708,711
1958	493,581	5.556	27,423	85.214	420,600	6.430	3,173,726	2,704,458
1959	589,084	5.556	32,730	83.445	491,561	5.949	3,504,461	2,924,296
1960	660,479	5.556	36,696	81.563	538,706	5.741	3,791,810	3,092,711
1961	942,314	5.556	52,355	79.544	749,554	5.604	5,280,728	4,200,501
1962	1,087,994	5.556	60,449	77.366	841,737	5.513	5,998,111	4,640,496
1963	722,277	5.556	40,130	75.018	541,838	5.388	3,891,628	2,919,423
1964	817,686	5.556	45,431	72.489	592,732	5.306	4,338,642	3,145,036
1965	1,010,665	5.556	56,153	69.777	705,212	5.039	5,092,741	3,553,563
1966	1,455,429	5.556	80,864	66.880	973,391	4.457	6,486,847	4,338,404
1967	1,901,312	5.556	105,637	63.801	1,213,056	4.126	7,844,813	5,005,069
1968	2,536,887	5.556	140,949	60.546	1,535,984	4.021	10,200,823	6,176,192
1969	4,500,913	5.556	250,071	57.121	2,570,967	3.617	16,279,892	9,299,188
1970	4,384,672	5.556	243,612	53.531	2,347,159	3.478	15,249,889	8,163,419
1971	5,355,384	5.556	297,545	49.788	2,666,339	3.272	17,522,816	8,724,261
1972	6,549,431	5.556	363,886	45.896	3,005,927	1.227	8,036,152	3,688,272
1973	7,221,915	5.556	401,250	41.865	3,023,455	1.180	8,521,860	3,567,677
1974	5,645,410	5.556	313,659	37.702	2,128,432	1.132	6,390,604	2,409,385
1975	5,432,536	5.556	301,832	33.413	1,815,173	1.116	6,062,710	2,025,733
1976	6,251,082	5.556	347,310	29.006	1,813,189	1.181	7,382,528	2,141,376
1977	6,123,002	5.556	340,194	24.486	1,499,278	1.128	6,906,746	1,691,186
1978	7,620,699	5.556	423,406	19.859	1,513,395	1.082	8,245,596	1,637,493
1979	8,176,962	5.556	454,312	15.132	1,237,338	1.025	8,381,306	1,268,271
1980	7,820,280	5.556	434,495	10.311	806,349	1.056	8,258,216	851,505
1981	7,307,206	5.556	405,988	5.401	394,662	1.000	7,307,206	394,662
1982	3,537,620	5.556	196,550	1.464	51,791	1.000	3,537,620	51,791
ASL TOTAL	101,038,684	5.556	5,613,711		36,154,911		208,488,286	108,016,584

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3700 METERS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 30

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1934	2,177	3.333	73	97.733	2,128	4.128	8,987	8,784
1935	18,922	3.333	631	96.929	18,341	4.082	77,240	74,868
1936	17,285	3.333	576	96.145	16,619	4.099	70,851	68,121
1937	36,857	3.333	1,229	95.345	35,151	4.054	149,459	142,502
1938	31,023	3.333	1,034	94.513	29,321	4.103	127,287	120,304
1939	46,960	3.333	1,565	93.673	43,989	4.183	196,434	184,006
1940	111,929	3.333	3,731	92.830	103,904	4.183	468,199	434,630
1941	137,952	3.333	4,598	91.979	126,887	4.149	572,363	526,454
1942	40,267	3.333	1,342	91.125	36,693	4.086	164,531	149,928
1943	19,831	3.333	661	90.262	17,900	4.086	81,029	73,139
1944	36,168	3.333	1,205	89.371	32,324	4.086	147,782	132,076
1945	95,851	3.333	3,195	88.446	84,776	4.086	391,647	346,395
1946	210,806	3.333	7,026	87.471	184,394	3.778	796,425	696,641
1947	406,838	3.333	13,560	86.431	351,634	3.314	1,348,261	1,165,315
1948	283,980	3.333	9,465	85.315	242,278	3.059	868,695	741,128
1949	338,191	3.333	11,272	84.113	284,463	3.023	1,022,351	859,932
1950	417,820	3.333	13,926	82.816	346,022	2.883	1,204,575	997,581
1951	520,930	3.333	17,363	81.419	424,136	2.784	1,450,269	1,180,795
1952	491,526	3.333	16,383	79.917	392,813	2.786	1,369,391	1,094,377
1953	461,333	3.333	15,376	78.311	361,274	2.697	1,244,215	974,356
1954	546,670	3.333	18,221	76.598	418,738	2.635	1,440,475	1,103,375
1955	762,537	3.333	25,415	74.781	570,233	2.717	2,071,813	1,549,323
1956	650,722	3.333	21,689	72.863	474,136	2.607	1,696,432	1,236,073
1957	539,296	3.333	17,975	70.849	382,086	2.471	1,332,600	944,135
1958	843,104	3.333	28,101	68.741	579,558	2.415	2,036,096	1,399,633
1959	768,391	3.333	25,610	66.548	511,349	2.339	1,797,267	1,196,045
1960	809,746	3.333	26,989	64.274	520,456	2.312	1,872,133	1,203,294
1961	1,096,004	3.333	36,530	61.922	678,668	2.317	2,539,441	1,572,474
1962	1,422,249	3.333	47,404	59.500	846,238	2.311	3,286,817	1,955,656
1963	1,410,632	3.333	47,016	57.009	804,187	2.303	3,248,685	1,852,043
1964	1,222,396	3.333	40,742	54.454	665,644	2.306	2,818,845	1,534,975
1965	1,294,004	3.333	43,129	51.837	670,773	2.290	2,963,269	1,536,070
1966	1,298,428	3.333	43,277	49.161	638,320	2.259	2,933,149	1,441,965
1967	1,283,914	3.333	42,793	46.428	596,096	2.212	2,840,018	1,318,564
1968	1,362,590	3.333	45,415	43.640	594,634	2.131	2,903,679	1,267,165
1969	949,186	3.333	31,636	40.800	387,268	2.045	1,941,085	791,963
1970	998,653	3.333	33,285	37.908	378,569	1.930	1,927,400	730,638
1971	1,077,150	3.333	35,901	34.968	376,658	1.996	2,149,991	751,809
1972	1,729,123	3.333	57,632	31.983	553,025	1.862	3,219,627	1,029,733
1973	1,426,996	3.333	47,562	28.954	413,172	1.818	2,594,279	751,147
1974	1,703,218	3.333	56,768	25.885	440,878	1.786	3,041,947	787,408
1975	1,800,334	3.333	60,005	22.779	410,098	1.592	2,866,132	652,876
1976	1,747,032	3.333	58,229	19.640	343,117	1.442	2,519,220	494,775
1977	1,770,311	3.333	59,004	16.470	291,570	1.620	2,867,904	472,343
1978	1,885,846	3.333	62,855	13.272	250,289	1.232	2,323,362	308,356
1979	2,256,430	3.333	75,207	10.051	226,794	1.306	2,946,898	296,193
1980	2,514,249	3.333	83,800	6.808	171,170	1.182	2,971,842	202,323
1981	3,996,155	3.333	133,192	3.548	141,784	1.000	3,996,155	141,784
1982	2,240,958	3.333	74,691	0.957	21,446	1.000	2,240,958	21,446
ASL TOTAL	45,132,980	3.333	1,504,284		16,492,001		85,147,510	38,514,916

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3714 AREA LIGHTING FIXTURES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L1- 10

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1962	22	10.000	2	78.687	17	2.145	47	36
1963	158,423	10.000	15,842	76.528	121,238	2.249	356,293	272,664
1964	116,045	10.000	11,604	74.323	86,248	2.239	259,825	193,109
1965	58,344	10.000	5,834	72.053	42,039	2.193	127,948	92,192
1966	57,847	10.000	5,785	69.703	40,321	2.162	125,065	87,174
1967	61,863	10.000	6,186	67.262	41,610	2.079	128,613	86,507
1968	74,190	10.000	7,419	64.719	48,015	2.002	148,528	96,126
1969	80,506	10.000	8,051	62.064	49,965	2.034	163,749	101,629
1970	108,555	10.000	10,855	59.287	64,359	2.013	218,521	129,555
1971	101,325	10.000	10,132	56.375	57,122	2.060	208,729	117,671
1972	124,554	10.000	12,455	53.318	66,410	1.933	240,763	128,371
1973	125,606	10.000	12,561	50.103	62,932	1.835	230,487	115,480
1974	92,759	10.000	9,276	46.716	43,333	1.737	161,122	75,269
1975	113,121	10.000	11,312	43.142	48,803	1.672	189,138	81,599
1976	126,707	10.000	12,671	39.362	49,874	1.584	200,704	79,000
1977	97,806	10.000	9,781	35.246	34,473	1.502	146,905	51,778
1978	104,122	10.000	10,412	30.467	31,723	1.432	149,103	45,427
1979	205,407	10.000	20,541	24.689	50,713	1.367	280,791	69,325
1980	233,960	10.000	23,396	17.758	41,547	1.300	304,148	54,011
1981	237,645	10.000	23,764	9.702	23,056	1.000	237,645	23,056
1982	103,834	10.000	10,383	2.710	2,814	1.000	103,834	2,814
ASL TOTAL	2,382,641	10.000	238,262		1,006,612		3,981,958	1,902,793

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3732 ST LGT&SIG SYS-MERCURY VAPOR DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 18

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1942	7,202	5.556	400	100.000	7,202	6.658	47,951	47,951
1947	1,184	5.556	66	98.487	1,166	5.017	5,940	5,850
1949	1,240	5.556	69	96.365	1,195	4.390	5,444	5,246
1951	19,947	5.556	1,108	94.452	18,840	3.956	78,910	74,531
1952	12,895	5.556	716	93.385	12,042	3.746	48,305	45,109
1954	5,388	5.556	299	91.049	4,906	3.542	19,084	17,377
1955	67,262	5.556	3,737	89.790	60,395	3.492	234,879	210,899
1957	18,679	5.556	1,038	87.077	16,265	3.228	60,296	52,503
1958	94,297	5.556	5,239	85.611	80,729	3.241	305,617	261,643
1959	15,696	5.556	872	84.064	13,195	3.165	49,678	41,762
1960	28,587	5.556	1,588	82.426	23,563	3.152	90,106	74,271
1961	71,543	5.556	3,975	80.689	57,727	3.148	225,217	181,725
1962	146,649	5.556	8,148	78.840	115,618	3.059	448,599	353,675
1963	226,379	5.556	12,578	76.868	174,013	3.034	686,834	527,955
1964	443,698	5.556	24,652	74.758	331,700	2.983	1,323,551	989,461
1965	1,025,465	5.556	56,975	72.497	743,431	2.834	2,905,168	2,106,883
1966	997,503	5.556	55,421	70.067	698,920	2.669	2,662,336	1,865,417
1967	897,049	5.556	49,840	67.450	605,060	2.539	2,277,607	1,536,247
1968	1,223,507	5.556	67,978	64.629	790,740	2.443	2,989,028	1,931,778
1969	1,075,530	5.556	59,756	61.585	662,365	2.378	2,557,610	1,575,104
1970	902,973	5.556	50,169	58.298	526,415	2.273	2,052,458	1,196,541
1971	919,850	5.556	51,107	54.753	503,645	2.087	1,919,727	1,051,107
1972	908,589	5.556	50,481	50.937	462,808	1.930	1,753,577	893,219
1973	932,566	5.556	51,813	46.840	436,814	1.828	1,704,731	798,496
1974	859,574	5.556	47,758	42.463	365,001	1.677	1,441,506	612,107
1975	1,062,807	5.556	59,050	37.814	401,890	1.573	1,671,795	632,173
1976	676,345	5.556	37,578	32.913	222,605	1.447	978,671	322,109
1977	738,812	5.556	41,048	27.792	205,331	1.336	987,053	274,322
1978	1,016,611	5.556	56,483	22.493	228,666	1.260	1,280,930	288,119
1979	804,916	5.556	44,721	17.066	137,367	1.190	957,850	163,467
1980	1,256,051	5.556	69,786	11.560	145,199	1.066	1,338,950	154,782
1981	946,503	5.556	52,588	6.017	56,951	1.000	946,503	56,951
1982	445,041	5.556	24,726	1.620	7,210	1.000	445,041	7,210
ASL TOTAL	17,850,338	5.556	991,763		8,118,974		34,501,952	18,355,990

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3734 ST LGT&SIG SYS-OTHER SYSTEMS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 18

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1937	48	5.556	3	100.000	48	7.617	366	366
1939	199	5.556	11	100.000	199	7.497	1,492	1,492
1940	156	5.556	9	100.000	156	7.431	1,159	1,159
1941	136	5.556	8	100.000	136	7.331	997	997
1942	1,533	5.556	85	100.000	1,533	6.658	10,207	10,207
1943	909	5.556	51	100.000	909	6.652	6,047	6,047
1944	260	5.556	14	100.000	260	6.635	1,725	1,725
1945	3,780	5.556	210	100.000	3,780	6.629	25,058	25,058
1946	14,769	5.556	821	99.555	14,703	5.872	86,724	86,336
1947	17,681	5.556	982	98.487	17,413	5.017	88,706	87,361
1948	52,349	5.556	2,909	97.390	50,983	4.673	244,627	238,244
1949	69,682	5.556	3,872	96.365	67,149	4.390	305,904	294,784
1950	56,944	5.556	3,164	95.453	54,355	4.272	243,265	232,205
1951	76,290	5.556	4,239	94.452	72,057	3.956	301,803	285,057
1952	119,268	5.556	6,627	93.383	111,376	3.746	446,778	417,214
1953	127,433	5.556	7,080	92.245	117,551	3.613	460,415	424,712
1954	123,972	5.556	6,888	91.049	112,875	3.542	439,109	399,803
1955	145,110	5.556	8,062	89.790	130,294	3.492	506,724	454,987
1956	191,458	5.556	10,637	88.468	169,379	3.334	638,321	564,710
1957	176,422	5.556	9,802	87.077	153,623	3.228	569,490	495,895
1958	161,235	5.556	8,958	85.611	138,035	3.241	522,563	447,371
1959	214,823	5.556	11,936	84.064	180,589	3.165	679,915	571,564
1960	255,175	5.556	14,178	82.426	210,331	3.152	804,312	662,963
1961	344,006	5.556	19,113	80.689	277,575	3.148	1,082,931	873,806
1962	211,916	5.556	11,774	78.840	167,075	3.059	648,251	511,082
1963	277,227	5.556	15,403	76.868	213,099	3.034	841,107	646,542
1964	213,537	5.556	11,864	74.758	159,636	2.983	636,981	476,194
1965	250,226	5.556	13,903	72.497	181,406	2.834	709,140	514,105
1966	121,161	5.556	6,732	70.067	84,894	2.669	323,379	226,502
1967	101,532	5.556	5,641	67.450	68,483	2.539	257,790	173,878
1968	66,486	5.556	3,694	64.629	42,969	2.443	162,425	104,973
1969	100,244	5.556	5,570	61.585	61,735	2.378	238,380	146,806
1970	36,306	5.556	2,017	58.298	21,166	2.273	82,524	48,110
1971	41,441	5.556	2,302	54.753	22,690	2.087	86,487	47,354
1972	40,636	5.556	2,258	50.937	20,699	1.930	78,427	39,949
1973	17,173	5.556	954	46.840	8,044	1.828	31,392	14,704
1974	17,650	5.556	981	42.463	7,495	1.677	29,599	12,569
1975	25,521	5.556	1,418	37.814	9,651	1.573	40,145	15,181
1976	22,052	5.556	1,225	32.913	7,258	1.447	31,909	10,502
1977	15,452	5.556	859	27.792	4,294	1.336	20,644	5,737
1978	30,691	5.556	1,705	22.493	6,903	1.260	38,671	8,698
1979	12,108	5.556	673	17.066	2,066	1.190	14,409	2,459
1980	21,427	5.556	1,190	11.560	2,477	1.066	22,841	2,640
1981	46,641	5.556	2,591	6.017	2,806	1.000	46,641	2,806
1982	6,674	5.556	371	1.620	108	1.000	6,674	108
ASL TOTAL	3,829,739	5.556	212,784		2,980,263		11,816,454	9,595,042

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3890 LAND AND LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1892	1,696					1.000	1,696	
1896	1,989					1.000	1,989	
1903	2,503					1.000	2,503	
1907	68,576					1.000	68,576	
1910	3,741					1.000	3,741	
1911	135					1.000	135	
1912	11,764					1.000	11,764	
1913	3,540					1.000	3,540	
1914	39,827					1.000	39,827	
1916	2,322					1.000	2,322	
1917	10,163					1.000	10,163	
1919	78					1.000	78	
1920	13,113					1.000	13,113	
1922	1,367					1.000	1,367	
1923	1,555					1.000	1,555	
1924	38,296					1.000	38,296	
1926	4,083					1.000	4,083	
1927	838					1.000	838	
1928	769,144					1.000	769,144	
1929	49,513					1.000	49,513	
1934	5,674					1.000	5,674	
1935	44,685					1.000	44,685	
1937	614					1.000	614	
1938	6,987					1.000	6,987	
1939	2,437					1.000	2,437	
1940	33,784					1.000	33,784	
1941	10,648					1.000	10,648	
1942	295					1.000	295	
1945	437					1.000	437	
1946	373					1.000	373	
1948	20,979					1.000	20,979	
1949	1,085					1.000	1,085	
1951	4,578					1.000	4,578	
1953	9,156					1.000	9,156	
1954	47,332					1.000	47,332	
1955	8,553					1.000	8,553	
1956	7,835					1.000	7,835	
1957	30,722					1.000	30,722	
1958	2,664					1.000	2,664	
1960	1,323					1.000	1,323	
1961	6,766					1.000	6,766	
1962	21,260					1.000	21,260	
1965	11,122					1.000	11,122	
1966	9,827					1.000	9,827	
1967	28,444					1.000	28,444	
1968	58,152					1.000	58,152	
1969	46,334					1.000	46,334	
1970	116,179					1.000	116,179	
1971	227,784					1.000	227,784	
1972	246,529					1.000	246,529	
1973	1,653,067					1.000	1,653,067	
1974	117,893					1.000	117,893	
1975	401,361					1.000	401,361	
1976	17,380					1.000	17,380	
1977	136,218					1.000	136,218	
1979	163,240					1.000	163,240	
1980	61,018					1.000	61,018	
1981	836,953					1.000	836,953	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3890 LAND AND LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1982

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
TOTAL	5,423,932						5,423,932	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3902 STRUC & IMP-BUILDINGS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1907	4,989	2.500	125	95.422	4,761	25.468	127,060	121,253
1910	37	2.500	1	92.658	34	26.381	976	897
1911	32,830	2.500	821	91.726	30,114	26.381	866,088	794,437
1912	53,869	2.500	1,347	90.790	48,908	26.381	1,421,118	1,290,242
1915	2,048	2.500	51	87.956	1,801	23.243	47,602	41,861
1916	2,196	2.500	55	87.002	1,911	20.008	43,938	38,235
1917	1,362	2.500	34	86.044	1,172	16.219	22,090	19,009
1918	15,928	2.500	398	85.082	13,552	14.194	226,082	192,357
1919	976	2.500	24	84.116	821	13.066	12,752	10,727
1920	2,893	2.500	72	83.144	2,405	11.357	32,856	27,314
1921	340	2.500	8	82.168	279	13.218	4,494	3,688
1922	13,200	2.500	330	81.188	10,717	13.726	181,183	147,102
1923	726	2.500	18	80.202	582	12.530	9,097	7,292
1924	168,019	2.500	4,200	79.212	133,091	12.271	2,061,761	1,633,160
1925	111,248	2.500	2,781	78.216	87,014	12.235	1,361,119	1,064,616
1926	1,618	2.500	40	77.215	1,249	12.035	19,473	15,032
1927	112,002	2.500	2,800	76.208	85,354	12.223	1,369,000	1,043,282
1928	2,726,051	2.500	68,151	75.196	2,049,881	12.344	33,650,374	25,303,731
1929	294,302	2.500	7,358	74.178	218,307	12.480	3,672,889	2,724,471
1930	6,216	2.500	155	73.154	4,547	12.945	80,466	58,861
1931	9,710	2.500	243	72.124	7,003	13.489	130,978	94,463
1932	4,432	2.500	111	71.088	3,151	14.034	62,199	44,221
1933	1,027	2.500	26	70.045	719	14.242	14,627	10,240
1934	3,064	2.500	77	68.995	2,114	13.622	41,738	28,797
1935	35,807	2.500	895	67.938	24,327	13.562	485,615	329,923
1936	438,065	2.500	10,952	66.875	292,956	13.190	5,778,077	3,864,090
1937	12,294	2.500	307	65.803	8,090	12.505	153,736	101,165
1938	11,283	2.500	282	64.724	7,303	12.517	141,229	91,412
1939	13,551	2.500	339	63.637	8,623	12.455	168,778	107,399
1940	15,595	2.500	390	62.542	9,753	12.295	191,741	119,913
1941	3,475	2.500	87	61.439	2,135	12.070	41,943	25,769
1942	5,251	2.500	131	60.326	3,168	10.403	54,626	32,957
1943	3,410	2.500	85	59.204	2,019	10.283	35,065	20,761
1944	13,507	2.500	338	58.073	7,844	10.141	136,974	79,546
1945	17,938	2.500	448	56.932	10,212	9.964	178,734	101,752
1946	101,623	2.500	2,541	55.781	56,686	8.570	870,909	485,799
1947	54,593	2.500	1,365	54.619	29,818	7.840	428,009	233,773
1948	72,918	2.500	1,823	53.446	38,972	7.274	530,406	283,482
1949	63,732	2.500	1,593	52.261	33,307	6.882	438,604	229,219
1950	33,826	2.500	846	51.065	17,273	6.462	218,584	111,618
1951	415,724	2.500	10,393	49.856	207,263	5.805	2,413,278	1,203,162
1952	130,593	2.500	3,265	48.634	63,513	5.378	702,329	341,573
1953	166,630	2.500	4,166	47.398	78,979	5.068	844,481	400,266
1954	283,213	2.500	7,080	46.148	130,697	5.040	1,427,394	658,713
1955	413,322	2.500	10,333	44.883	185,511	4.782	1,976,506	887,114
1956	447,001	2.500	11,175	43.603	194,906	4.562	2,039,219	889,161
1957	1,914,382	2.500	47,860	42.306	809,898	4.392	8,407,966	3,557,072
1958	41,622	2.500	1,041	40.992	17,062	4.223	175,770	72,053
1959	11,231	2.500	281	39.660	4,454	4.041	45,384	17,999
1960	7,889	2.500	197	38.310	3,022	3.959	31,233	11,964
1961	37,395	2.500	935	36.939	13,813	3.879	145,055	53,581
1962	270,148	2.500	6,754	35.548	96,032	3.790	1,023,861	363,961
1963	365	2.500	9	34.135	125	3.616	1,320	452
1964	11,884	2.500	297	32.698	3,886	3.629	43,127	14,102
1965	12,109	2.500	303	31.237	3,782	3.427	41,498	12,961
1966	126,878	2.500	3,172	29.749	37,745	3.113	394,971	117,500
1967	537,678	2.500	13,442	28.234	151,808	2.968	1,595,828	450,566
1968	699,559	2.500	17,489	26.689	186,705	2.831	1,980,452	528,562
1969	1,643,567	2.500	41,089	25.114	412,765	2.610	4,289,710	1,077,317

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3902 STRUC & IMP-BUILDINGS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	4,349,998	2.500	108,750	23.504	1,022,424	2.524	10,979,395	2,580,598
1971	2,392,789	2.500	59,820	21.859	523,040	2.251	5,386,168	1,177,363
1972	5,248,823	2.500	131,221	20.175	1,058,950	2.065	10,838,819	2,186,732
1973	14,626,114	2.500	365,653	18.449	2,698,372	1.946	28,462,418	5,251,032
1974	1,191,924	2.500	29,798	16.678	198,789	1.698	2,023,887	337,544
1975	13,292,362	2.500	332,309	14.859	1,975,112	1.569	20,855,716	3,098,951
1976	829,354	2.500	20,734	12.986	107,700	1.467	1,216,662	157,996
1977	364,129	2.500	9,103	11.054	40,251	1.357	494,123	54,621
1978	2,108,896	2.500	52,722	9.056	190,982	1.250	2,636,120	238,728
1979	4,847,729	2.500	121,193	6.985	338,614	1.168	5,662,147	395,501
1980	4,325,197	2.500	108,130	4.829	208,864	1.079	4,666,808	225,364
1981	1,869,793	2.500	46,745	2.572	48,091	1.000	1,869,793	48,091
1982	295,613	2.500	7,390	0.710	2,099	1.000	295,613	2,099
ASL TOTAL	67,379,862	2.500	1,684,497		14,277,227		178,280,121	67,346,565

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3904 STRUC & IMP-AIR COND EQUIP DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 20

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1939	330	5.000	16	100.000	330	7.824	2,582	2,582
1940	366	5.000	18	100.000	366	7.938	2,905	2,905
1950	12,392	5.000	620	97.618	12,097	4.820	59,729	58,308
1951	330,757	5.000	16,538	96.341	318,655	4.534	1,499,652	1,444,782
1952	2,074	5.000	104	95.190	1,974	4.489	9,310	8,861
1953	305,351	5.000	15,268	93.983	286,978	4.319	1,318,811	1,239,458
1954	252,345	5.000	12,617	92.742	234,030	4.261	1,075,242	997,202
1955	157,800	5.000	7,890	91.485	144,363	4.127	651,241	595,786
1956	58,815	5.000	2,941	90.204	53,053	3.944	231,966	209,241
1957	481,907	5.000	24,095	88.869	428,266	3.628	1,748,359	1,553,749
1958	14,504	5.000	725	87.436	12,682	3.544	51,402	44,945
1959	770	5.000	38	85.861	661	3.400	2,618	2,247
1960	780	5.000	39	84.103	656	3.375	2,633	2,214
1961	41,296	5.000	2,065	82.133	33,918	3.434	141,810	116,474
1962	121,905	5.000	6,095	79.934	97,444	3.387	412,892	330,043
1963	5,974	5.000	299	77.496	4,630	3.382	20,204	15,659
1964	7,517	5.000	376	74.822	5,624	3.356	25,077	18,762
1967	44,454	5.000	2,223	65.492	29,114	3.153	140,163	91,796
1968	8,823	5.000	441	62.002	5,470	3.133	27,642	17,138
1969	99,634	5.000	4,982	58.349	58,135	3.002	299,101	174,521
1970	344,427	5.000	17,221	54.546	187,871	2.884	993,327	541,820
1971	156,458	5.000	7,823	50.604	79,174	2.845	445,123	225,250
1972	251,551	5.000	12,578	46.531	117,049	2.809	706,607	328,791
1973	2,767,567	5.000	138,378	42.334	1,171,622	2.620	7,251,026	3,069,650
1974	83,001	5.000	4,150	38.020	31,557	1.981	164,425	62,514
1975	1,087,422	5.000	54,371	33.597	365,341	1.645	1,788,809	600,986
1976	140,089	5.000	7,004	29.074	40,729	1.527	213,916	62,193
1977	5,593	5.000	280	24.460	1,368	1.411	7,892	1,930
1978	72,345	5.000	3,617	19.766	14,300	1.285	92,963	18,375
1979	137,419	5.000	6,871	15.003	20,617	1.166	160,231	24,039
1980	84,878	5.000	4,244	10.182	8,642	1.073	91,074	9,273
1981	31,330	5.000	1,566	5.313	1,665	1.000	31,330	1,665
1982	198,548	5.000	9,927	1.434	2,847	1.000	198,548	2,847
ASL TOTAL	7,308,422	5.000	365,420		3,771,228		19,868,610	11,876,006

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3906 STRUC & IMP-HOLTWOOD OPER VILG DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 31

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1912	18,087	3.226	583	70.981	12,838	26.381	477,153	338,679
1914	409	3.226	13	69.869	286	24.187	9,892	6,917
1917	735	3.226	24	68.142	501	16.219	11,921	8,126
1921	925	3.226	30	65.725	608	13.218	12,227	8,037
1923	105	3.226	3	64.466	68	12.530	1,316	852
1925	168	3.226	5	63.173	106	12.235	2,055	1,297
1926	7,368	3.226	238	62.513	4,606	12.035	88,674	55,433
1927	1,444	3.226	47	61.845	893	12.223	17,650	10,915
1928	14,756	3.226	476	61.168	9,026	12.344	182,148	111,417
1929	181	3.226	6	60.481	109	12.480	2,259	1,360
1930	7,089	3.226	229	59.785	4,238	12.945	91,767	54,861
1931	1,736	3.226	56	59.078	1,026	13.489	23,417	13,840
1934	1,272	3.226	41	56.902	724	13.622	17,327	9,862
1938	1,566	3.226	51	53.854	843	12.517	19,602	10,552
1939	1,279	3.226	41	53.064	679	12.455	15,930	8,457
1940	79	3.226	3	52.263	41	12.295	971	504
1941	7,947	3.226	256	51.450	4,089	12.070	95,928	49,354
1942	757	3.226	24	50.626	383	10.403	7,875	3,984
1943	269	3.226	9	49.788	134	10.283	2,766	1,378
1946	8,650	3.226	279	47.201	4,083	8.570	74,130	34,991
1947	602	3.226	19	46.313	279	7.840	4,720	2,187
1948	1,235	3.226	40	45.410	561	7.274	8,933	4,081
1949	9,083	3.226	293	44.494	4,041	6.882	62,509	27,810
1950	9,063	3.226	292	43.564	3,948	6.462	58,565	25,512
1951	327,261	3.226	10,557	42.619	139,475	5.805	1,899,750	809,652
1952	9,055	3.226	292	41.659	3,772	5.378	48,698	20,286
1954	52,341	3.226	1,689	39.693	20,776	5.040	263,799	104,711
1965	108	3.226	3	27.678	30	3.427	370	103
1967	282	3.226	9	25.250	71	2.968	837	211
1979	152,708	3.226	4,926	7.132	10,891	1.168	178,363	12,721
1980	186,360	3.226	6,012	5.060	9,430	1.079	201,082	10,175
1982	6,485	3.226	209	0.798	52	1.000	6,485	52
ASL TOTAL	829,405	3.226	26,755		238,607		3,889,161	1,748,317

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3912 OFF FURN & EQUIP-FURNITURE DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	5,018	2.941	148	90.191	4,526	8.930	44,811	40,417
1932	229	2.941	7	89.336	205	10.303	2,359	2,112
1933	2,671	2.941	79	88.476	2,363	10.303	27,519	24,346
1934	2,454	2.941	72	87.609	2,150	8.930	21,914	19,199
1935	2,058	2.941	61	86.731	1,785	7.661	15,766	13,675
1936	10,344	2.941	304	85.837	8,879	7.661	79,245	68,022
1937	12,362	2.941	364	84.923	10,498	7.439	91,961	78,095
1938	2,342	2.941	69	83.984	1,967	8.680	20,329	17,074
1939	5,509	2.941	162	83.016	4,573	7.888	43,455	36,072
1940	7,117	2.941	209	82.014	5,837	7.439	52,943	43,421
1941	8,380	2.941	246	80.976	6,786	5.784	48,470	39,250
1942	1,057	2.941	31	79.896	845	6.272	6,630	5,300
1943	517	2.941	15	78.772	407	6.272	3,243	2,553
1944	2,739	2.941	81	77.603	2,126	6.272	17,179	13,334
1945	2,273	2.941	67	76.386	1,736	5.784	13,147	10,041
1946	15,768	2.941	464	75.119	11,845	5.784	91,202	68,511
1947	12,023	2.941	354	73.802	8,873	4.005	48,152	35,536
1948	24,272	2.941	714	72.434	17,581	4.005	97,209	70,412
1949	41,462	2.941	1,219	71.015	29,444	4.005	166,055	117,923
1950	30,344	2.941	892	69.544	21,102	3.852	116,885	81,285
1951	81,361	2.941	2,393	68.021	55,343	3.515	285,984	194,531
1952	32,453	2.941	954	66.447	21,564	3.557	115,435	76,703
1953	55,226	2.941	1,624	64.823	35,799	3.504	193,512	125,440
1954	92,088	2.941	2,708	63.148	58,152	3.464	318,993	201,439
1955	50,002	2.941	1,471	61.425	30,714	3.313	165,657	101,755
1956	71,617	2.941	2,106	59.653	42,722	3.086	221,010	131,840
1957	107,953	2.941	3,175	57.834	62,434	2.910	314,143	181,683
1958	30,326	2.941	892	55.969	16,973	2.830	85,823	48,034
1959	7,870	2.941	231	54.059	4,254	2.819	22,186	11,992
1960	13,057	2.941	384	52.105	6,803	2.793	36,468	19,001
1961	22,473	2.941	661	50.109	11,261	2.801	62,947	31,542
1962	48,627	2.941	1,430	48.071	23,375	2.789	135,621	65,193
1963	24,352	2.941	716	45.994	11,200	2.779	67,674	31,125
1964	17,009	2.941	500	43.877	7,463	2.766	47,047	20,643
1965	26,082	2.941	767	41.722	10,882	2.753	71,804	29,958
1966	24,299	2.941	715	39.530	9,605	2.700	65,607	25,933
1967	59,280	2.941	1,743	37.303	22,113	2.569	152,290	56,808
1968	65,179	2.941	1,917	35.040	22,839	2.473	161,188	56,481
1969	90,647	2.941	2,666	32.744	29,681	2.379	215,649	70,611
1970	219,426	2.941	6,453	30.414	66,736	2.250	493,709	150,155
1971	191,843	2.941	5,642	28.053	53,818	2.180	418,218	117,323
1972	272,737	2.941	8,021	25.660	69,984	2.141	583,930	149,836
1973	1,198,241	2.941	35,240	23.238	278,447	1.989	2,383,301	553,831
1974	176,410	2.941	5,188	20.785	36,667	1.689	297,956	61,931
1975	488,704	2.941	14,373	18.305	89,457	1.544	754,559	138,122
1976	1,083,468	2.941	31,865	15.796	171,145	1.485	1,608,950	254,150
1977	124,115	2.941	3,650	13.261	16,459	1.385	171,899	22,796
1978	195,649	2.941	5,754	10.701	20,936	1.281	250,626	26,819
1979	599,668	2.941	17,636	8.115	48,663	1.162	696,814	56,546
1980	623,004	2.941	18,323	5.506	34,303	1.092	680,320	37,459
1981	517,760	2.941	15,227	2.874	14,880	1.000	517,760	14,880
1982	114,523	2.941	3,368	0.776	889	1.000	114,523	889
ASL TOTAL	6,914,388	2.941	203,351		1,529,089		12,720,077	3,852,028

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3914 OFF FURN & EQUIP-MECH EQUIP DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L1- 20

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	780	5.000	39	92.058	718	4.095	3,194	2,940
1932	359	5.000	18	90.210	324	4.095	1,470	1,327
1933	280	5.000	14	88.692	248	4.095	1,147	1,016
1934	190	5.000	9	87.370	166	4.005	761	665
1935	415	5.000	21	86.168	358	3.828	1,589	1,370
1936	2,304	5.000	115	85.039	1,959	3.828	8,820	7,499
1937	2,037	5.000	102	83.953	1,710	3.825	7,792	6,541
1938	527	5.000	26	82.892	437	3.535	1,863	1,545
1939	1,241	5.000	62	81.844	1,016	3.535	4,387	3,592
1940	5,386	5.000	269	80.799	4,352	3.535	19,040	15,384
1941	7,946	5.000	397	79.751	6,337	3.535	28,089	22,401
1942	618	5.000	31	78.697	486	3.535	2,185	1,718
1943	24	5.000	1	77.633	19	3.535	85	67
1944	18	5.000	1	76.557	14	3.535	64	49
1945	981	5.000	49	75.465	740	3.390	3,326	2,509
1946	6,356	5.000	318	74.357	4,726	2.944	18,712	13,913
1947	7,262	5.000	363	73.230	5,318	2.565	18,627	13,641
1948	12,590	5.000	629	72.084	9,075	2.565	32,293	23,277
1949	9,217	5.000	461	70.917	6,536	2.565	23,642	16,765
1950	5,990	5.000	299	69.728	4,177	2.490	14,915	10,401
1951	11,067	5.000	553	68.516	7,583	2.185	24,181	16,569
1952	11,409	5.000	570	67.279	7,676	2.139	24,404	16,419
1953	11,307	5.000	565	66.016	7,464	2.023	22,874	15,100
1954	15,358	5.000	768	64.726	9,941	1.978	30,378	19,663
1955	14,020	5.000	701	63.408	8,890	1.773	24,857	15,762
1956	17,517	5.000	876	62.061	10,871	1.715	30,042	18,644
1957	13,801	5.000	690	60.683	8,375	1.581	21,819	13,241
1958	20,242	5.000	1,012	59.272	11,998	1.506	30,484	18,069
1959	8,514	5.000	426	57.828	4,923	1.506	12,822	7,414
1960	8,867	5.000	443	56.349	4,996	1.506	13,354	7,524
1961	16,771	5.000	839	54.834	9,196	1.505	25,240	13,840
1962	18,496	5.000	925	53.281	9,855	1.477	27,319	14,556
1963	11,655	5.000	583	51.688	6,024	1.483	17,284	8,934
1964	13,303	5.000	665	50.053	6,659	1.490	19,821	9,922
1965	27,709	5.000	1,385	48.376	13,405	1.480	41,009	19,839
1966	23,976	5.000	1,199	46.654	11,186	1.453	34,837	16,253
1967	25,976	5.000	1,299	44.885	11,659	1.430	37,146	16,672
1968	43,185	5.000	2,159	43.068	18,599	1.430	61,755	26,597
1969	34,502	5.000	1,725	41.200	14,215	1.406	48,510	19,986
1970	41,499	5.000	2,075	39.279	16,300	1.359	56,397	22,152
1971	85,117	5.000	4,256	37.287	31,738	1.409	119,930	44,719
1972	102,024	5.000	5,101	35.176	35,888	1.398	142,630	50,171
1973	155,039	5.000	7,752	32.889	50,991	1.388	215,194	70,776
1974	100,164	5.000	5,008	30.378	30,428	1.306	130,814	39,739
1975	86,820	5.000	4,341	27.608	23,969	1.224	106,268	29,338
1976	91,008	5.000	4,554	24.554	22,366	1.210	110,216	27,063
1977	71,284	5.000	3,564	21.205	15,116	1.190	84,828	17,938
1978	114,287	5.000	5,714	17.559	20,068	1.153	131,773	23,138
1979	133,560	5.000	6,678	13.627	18,200	1.105	147,584	20,111
1980	96,024	5.000	4,801	9.430	9,055	1.044	100,249	9,453
1981	154,099	5.000	7,705	5.000	7,705	1.000	154,099	7,705
1982	48,024	5.000	2,401	1.367	656	1.000	48,024	656
ASL TOTAL	1,691,225	5.000	84,557		514,711		2,288,143	804,633

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PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3922 TRANSP EQUIP-MOTOR VEHICLES DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 10

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1967	21,298	10.000	2,130	94.294	20,083	1.406	29,945	28,237
1968	24,476	10.000	2,448	92.192	22,565	1.359	33,263	30,666
1969	26,789	10.000	2,679	89.820	24,062	1.409	37,746	33,903
1970	3,151	10.000	315	87.159	2,746	1.398	4,405	3,839
1973	6,204	10.000	620	74.862	4,644	1.224	7,594	5,684
1974	37,896	10.000	3,790	68.930	26,122	1.210	45,854	31,608
1975	4,029	10.000	403	62.195	2,506	1.190	4,795	2,982
1976	4,618	10.000	462	54.789	2,530	1.153	5,325	2,917
1977	5,772	10.000	577	46.812	2,702	1.105	6,378	2,986
ASL TOTAL	134,233	10.000	13,424		107,960		175,305	142,822

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3924 TRANSP EQUIP-TRAILERS DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1920	21	2.857	1	91.594	19	3.380	71	64
1923	107	2.857	3	88.366	95	4.996	535	475
1924	38	2.857	1	87.280	33	5.054	192	167
1925	1,304	2.857	37	86.187	1,124	5.157	6,725	5,796
1926	1,016	2.857	29	85.088	864	5.434	5,521	4,695
1927	2,002	2.857	57	83.983	1,681	5.651	11,313	9,499
1928	359	2.857	10	82.873	298	5.594	2,008	1,667
1930	864	2.857	25	80.632	697	5.780	4,994	4,029
1931	421	2.857	12	79.503	335	6.068	2,555	2,033
1933	303	2.857	9	77.223	234	6.531	1,979	1,528
1934	67	2.857	2	76.072	51	6.205	416	316
1936	2,958	2.857	85	73.749	2,181	6.524	19,298	14,229
1938	167	2.857	5	71.394	119	5.693	951	677
1941	93	2.857	3	67.797	63	5.255	489	331
1942	90	2.857	3	66.579	60	4.826	434	290
1946	170	2.857	5	61.608	105	4.062	691	427
1947	2,622	2.857	75	60.337	1,582	3.535	9,269	5,592
1948	6,783	2.857	194	59.055	4,006	3.232	21,923	12,947
1949	746	2.857	21	57.760	431	3.069	2,289	1,323
1950	1,852	2.857	53	56.452	1,045	3.069	5,684	3,207
1951	3,519	2.857	101	55.130	1,940	2.927	10,300	5,678
1952	9,211	2.857	263	53.794	4,955	2.766	25,478	13,706
1953	2,591	2.857	74	52.444	1,359	2.780	7,203	3,778
1954	403	2.857	12	51.077	206	2.770	1,116	571
1955	469	2.857	13	49.695	233	2.689	1,261	627
1957	422	2.857	12	46.877	198	2.441	1,030	483
1958	2,300	2.857	66	45.441	1,045	2.364	5,437	2,470
1959	2,022	2.857	58	43.984	889	2.314	4,679	2,057
1960	5,190	2.857	148	42.506	2,206	2.342	12,155	5,166
1961	3,898	2.857	111	41.006	1,598	2.356	9,184	3,765
1962	2,833	2.857	81	39.483	1,119	2.362	6,692	2,643
1963	3,207	2.857	92	37.935	1,217	2.376	7,620	2,892
1964	3,478	2.857	99	36.361	1,265	2.361	8,212	2,937
1965	9,546	2.857	273	34.758	3,318	2.356	22,490	7,817
1966	14,235	2.857	407	33.126	4,715	2.354	33,509	11,099
1967	6,978	2.857	199	31.463	2,195	2.324	16,217	5,101
1968	14,174	2.857	405	29.765	4,219	2.262	32,062	9,543
1969	15,627	2.857	446	28.032	4,381	2.221	34,708	9,730
1970	23,276	2.857	665	26.259	6,112	2.148	49,997	13,129
1971	14,084	2.857	402	24.446	3,443	2.069	29,140	7,124
1972	149,133	2.857	4,261	22.587	33,685	2.010	299,757	67,707
1973	33,567	2.857	959	20.678	6,941	1.991	66,832	13,820
1974	23,245	2.857	664	18.717	4,351	1.837	42,701	7,993
1975	4,663	2.857	133	16.697	779	1.640	7,647	1,278
1976	6,005	2.857	172	14.614	878	1.543	9,266	1,355
ASL TOTAL	376,059	2.857	10,746		108,270		842,030	271,811

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3930 STORES EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 30

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	539	3.333	18	91.785	495	7.820	4,215	3,871
1932	23	3.333	1	90.828	21	8.768	202	184
1935	276	3.333	9	87.878	243	8.158	2,252	1,982
1936	1,850	3.333	62	86.865	1,607	7.419	13,725	11,922
1937	491	3.333	16	85.838	421	6.804	3,341	2,864
1938	1,023	3.333	34	84.792	867	6.804	6,960	5,899
1939	760	3.333	25	83.731	636	7.102	5,398	4,517
1940	1,157	3.333	39	82.653	956	7.028	8,131	6,719
1941	353	3.333	12	81.556	288	7.007	2,473	2,018
1942	749	3.333	25	80.439	602	7.007	5,248	4,218
1943	48	3.333	2	79.304	38	7.007	336	266
1944	137	3.333	5	78.146	107	7.007	960	750
1945	749	3.333	25	76.967	576	6.783	5,080	3,907
1946	3,906	3.333	130	75.765	2,959	6.352	24,811	18,796
1947	52	3.333	2	74.538	39	5.577	290	218
1948	210	3.333	7	73.285	154	4.970	1,044	765
1949	955	3.333	32	72.006	688	4.673	4,463	3,215
1950	13,029	3.333	434	70.698	9,211	4.551	59,295	41,919
1951	689	3.333	23	69.359	478	4.333	2,985	2,071
1952	15,103	3.333	503	67.990	10,269	4.247	64,142	43,612
1953	7,537	3.333	251	66.586	5,019	4.042	30,465	20,287
1954	963	3.333	32	65.148	627	3.822	3,681	2,396
1955	3,471	3.333	116	63.672	2,210	3.656	12,690	8,080
1956	7,995	3.333	266	62.157	4,969	3.581	28,630	17,794
1957	10,620	3.333	354	60.600	6,436	3.280	34,834	21,110
1958	3,617	3.333	121	58.999	2,134	3.221	11,650	6,874
1959	120	3.333	4	57.352	69	3.164	380	218
1960	906	3.333	30	55.656	504	3.119	2,826	1,572
1961	2,357	3.333	79	53.908	1,271	3.078	7,255	3,912
1962	6,043	3.333	201	52.106	3,149	3.013	18,208	9,488
1963	4,302	3.333	143	50.246	2,162	2.998	12,897	6,482
1964	4,023	3.333	134	48.324	1,944	2.969	11,944	5,772
1965	8,325	3.333	277	46.339	3,858	2.931	24,401	11,308
1966	8,766	3.333	292	44.287	3,882	2.831	24,817	10,990
1967	14,560	3.333	485	42.163	6,139	2.768	40,302	16,993
1968	26,072	3.333	869	39.965	10,420	2.665	69,482	27,769
1969	42,695	3.333	1,423	37.690	16,092	2.572	109,812	41,389
1970	78,273	3.333	2,609	35.332	27,655	2.430	190,203	67,202
1971	79,530	3.333	2,651	32.891	26,158	2.322	184,669	60,739
1972	157,047	3.333	5,234	30.362	47,683	2.256	354,298	107,573
1973	107,884	3.333	3,596	27.742	29,929	2.177	234,863	65,155
1974	79,605	3.333	2,653	25.031	19,926	1.926	153,319	38,377
1975	291,571	3.333	9,718	22.228	64,810	1.640	478,176	106,288
1976	7,741	3.333	258	19.330	1,496	1.517	11,743	2,269
1977	90,317	3.333	3,010	16.343	14,761	1.413	127,618	20,857
1978	110,876	3.333	3,695	13.267	14,710	1.311	145,358	19,285
1979	214,382	3.333	7,145	10.110	21,674	1.200	257,258	26,009
1980	6,032	3.333	201	6.882	415	1.093	6,593	454
1981	61,527	3.333	2,051	3.598	2,214	1.000	61,527	2,214
1982	13,498	3.333	450	0.971	131	1.000	13,498	131
ASL TOTAL	1,492,754	3.333	49,752		373,102		2,878,748	883,700

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3940 TOOLS & WORK EQUIP-L&S LINE CN DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 45

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	1,906	2.222	42	85.311	1,626	9.596	18,290	15,603
1932	114	2.222	3	84.516	96	10.283	1,172	987
1933	277	2.222	6	83.681	232	10.283	2,848	2,386
1934	915	2.222	20	82.802	758	8.896	8,140	6,743
1935	467	2.222	10	81.879	382	8.896	4,154	3,398
1936	3,350	2.222	74	80.911	2,711	8.896	29,802	24,117
1937	1,104	2.222	25	79.895	882	8.042	8,878	7,093
1938	449	2.222	10	78.832	354	7.962	3,575	2,819
1939	1,380	2.222	31	77.722	1,073	7.884	10,880	8,460
1940	1,494	2.222	33	76.566	1,144	7.508	11,217	8,589
1941	1,608	2.222	36	75.363	1,212	7.110	11,433	8,617
1942	250	2.222	6	74.115	185	7.110	1,777	1,315
1943	85	2.222	2	72.822	62	6.980	593	433
1944	663	2.222	15	71.486	474	6.746	4,473	3,198
1945	1,543	2.222	34	70.110	1,082	6.746	10,409	7,299
1946	3,912	2.222	87	68.693	2,687	5.874	22,979	15,783
1947	5,124	2.222	114	67.238	3,445	5.308	27,198	18,286
1948	13,928	2.222	309	65.745	9,157	4.991	69,515	45,703
1949	9,043	2.222	201	64.218	5,807	4.915	44,446	28,541
1950	7,021	2.222	155	62.658	4,399	4.603	32,318	20,249
1951	11,185	2.222	249	61.064	6,830	4.257	47,615	29,075
1952	7,601	2.222	169	59.439	4,518	4.289	32,601	19,378
1953	5,923	2.222	132	57.784	3,423	4.195	24,847	14,359
1954	1,434	2.222	32	56.101	804	4.105	5,887	3,300
1955	1,585	2.222	35	54.389	862	3.922	6,216	3,381
1956	8,010	2.222	178	52.649	4,217	3.564	28,548	15,029
1957	22,762	2.222	506	50.883	11,582	3.335	75,911	38,626
1958	34,439	2.222	765	49.091	16,906	3.279	112,925	55,435
1959	5,359	2.222	119	47.275	2,533	3.182	17,052	8,060
1960	5,141	2.222	114	45.433	2,336	3.146	16,174	7,349
1961	11,177	2.222	248	43.567	4,869	3.163	35,353	15,401
1962	22,615	2.222	503	41.678	9,425	3.152	71,282	29,708
1963	8,000	2.222	178	39.766	3,181	3.143	25,144	9,998
1964	13,647	2.222	303	37.832	5,163	3.126	42,661	16,140
1965	12,231	2.222	272	35.876	4,388	3.106	37,989	13,629
1966	17,300	2.222	384	33.899	5,865	2.978	51,519	17,466
1967	32,465	2.222	721	31.903	10,357	2.876	93,369	29,787
1968	52,541	2.222	1,167	29.887	15,703	2.788	146,484	43,780
1969	48,693	2.222	1,082	27.854	13,563	2.692	131,082	36,512
1970	36,156	2.222	803	25.802	9,329	2.535	91,655	23,649
1971	32,178	2.222	715	23.735	7,637	2.420	77,871	18,482
1972	67,283	2.222	1,495	21.652	14,568	2.354	158,384	34,293
1973	123,229	2.222	2,738	19.554	24,096	2.269	279,607	54,674
1974	61,844	2.222	1,374	17.443	10,787	1.906	117,875	20,560
1975	10,555	2.222	235	15.320	1,617	1.614	17,036	2,610
1976	7,554	2.222	168	13.185	996	1.519	11,475	1,513
1977	20,087	2.222	446	11.039	2,217	1.429	28,704	3,168
1978	4,771	2.222	106	8.883	424	1.332	6,355	565
1979	2,975	2.222	66	6.719	200	1.223	3,638	245
1980	18,533	2.222	412	4.547	843	1.092	20,238	921
1981	21,464	2.222	477	2.367	508	1.000	21,464	508
1982	16,146	2.222	359	0.638	103	1.000	16,146	103
ASL TOTAL	799,516	2.222	17,765		237,618		2,177,204	797,323

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3942 SHOP EQUIPMENT-HAZ SERV DEPOT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 32

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	22	3.125	1	86.935	19	9.596	211	182
1932	1,734	3.125	54	85.924	1,490	10.283	17,831	15,322
1933	276	3.125	9	84.891	234	10.283	2,838	2,406
1936	1,162	3.125	36	81.655	949	8.896	10,337	8,442
1937	179	3.125	6	80.528	144	8.042	1,440	1,158
1938	6,278	3.125	196	79.377	4,983	7.962	49,985	39,675
1939	605	3.125	19	78.201	473	7.884	4,770	3,729
1940	575	3.125	18	76.998	443	7.508	4,317	3,326
1941	1,410	3.125	44	75.769	1,068	7.110	10,025	7,593
1942	20	3.125	1	74.512	15	7.110	142	107
1943	331	3.125	10	73.228	242	6.980	2,310	1,689
1944	781	3.125	24	71.914	562	6.746	5,269	3,791
1945	3,110	3.125	97	70.571	2,195	6.746	20,980	14,807
1946	926	3.125	29	69.193	641	5.874	5,439	3,765
1947	945	3.125	30	67.794	641	5.308	5,016	3,402
1948	2,267	3.125	71	66.359	1,504	4.991	11,315	7,506
1949	1,321	3.125	41	64.892	857	4.915	6,493	4,212
1950	3,174	3.125	99	63.392	2,012	4.603	14,610	9,261
1951	12,094	3.125	378	61.860	7,481	4.257	51,484	31,847
1952	1,547	3.125	48	60.294	933	4.289	6,635	4,002
1953	2,526	3.125	79	58.695	1,483	4.195	10,597	6,221
1954	672	3.125	21	57.061	383	4.105	2,759	1,572
1955	807	3.125	25	55.393	447	3.922	3,165	1,753
1956	3,088	3.125	97	53.691	1,658	3.564	11,006	5,909
1957	9,097	3.125	284	51.955	4,726	3.335	30,338	15,761
1958	894	3.125	28	50.185	449	3.279	2,931	1,472
1961	337	3.125	11	44.679	151	3.163	1,066	478
1962	2,026	3.125	63	42.780	867	3.152	6,386	2,733
1964	1,987	3.125	62	38.893	773	3.126	6,211	2,416
1965	526	3.125	16	36.908	194	3.106	1,634	603
1966	479	3.125	15	34.897	167	2.978	1,426	497
1967	3,589	3.125	112	32.863	1,179	2.876	10,322	3,391
1968	1,580	3.125	49	30.806	487	2.788	4,405	1,358
1971	3,008	3.125	94	24.523	738	2.420	7,279	1,786
1972	13,782	3.125	431	22.396	3,087	2.354	32,443	7,267
1973	742	3.125	23	20.254	150	2.269	1,684	340
1974	5,547	3.125	173	18.097	1,004	1.906	10,573	1,914
1975	20,719	3.125	647	15.924	3,299	1.614	33,440	5,325
1976	4,157	3.125	130	13.735	571	1.519	6,314	867
1977	4,670	3.125	146	11.528	538	1.429	6,673	769
1978	1,689	3.125	53	9.302	157	1.332	2,250	209
1979	2,628	3.125	82	7.056	185	1.223	3,214	226
1982	47,000	3.125	1,469	0.676	318	1.000	47,000	318
ASL TOTAL	170,307	3.125	5,321		49,897		474,563	229,407

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3944 TOOLS & WORK EQUIP-CONST DEPT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	73	2.941	2	81.197	59	9.596	701	566
1933	3,957	2.941	116	78.870	3,121	10.283	40,690	32,093
1934	17	2.941	0	77.696	13	8.896	151	116
1935	227	2.941	7	76.515	174	8.896	2,019	1,548
1936	1,823	2.941	54	75.326	1,373	8.896	16,217	12,214
1937	295	2.941	9	74.128	219	8.042	2,372	1,761
1938	829	2.941	24	72.923	605	7.962	6,600	4,817
1939	683	2.941	20	71.709	490	7.884	5,385	3,863
1940	3,995	2.941	117	70.486	2,816	7.508	29,994	21,143
1941	481	2.941	14	69.254	333	7.110	3,420	2,368
1942	792	2.941	23	68.013	539	7.110	5,631	3,832
1943	2,245	2.941	66	66.761	1,499	6.980	15,670	10,463
1944	656	2.941	19	65.499	430	6.746	4,425	2,901
1945	1,969	2.941	58	64.227	1,265	6.746	13,283	8,534
1946	4,385	2.941	129	62.943	2,760	5.874	25,757	16,212
1947	7,948	2.941	234	61.647	4,900	5.308	42,188	26,009
1948	10,437	2.941	307	60.340	6,298	4.991	52,091	31,433
1949	10,385	2.941	305	59.019	6,129	4.915	51,042	30,124
1950	13,161	2.941	388	57.686	7,604	4.603	60,672	35,001
1951	4,863	2.941	143	56.338	2,740	4.257	20,702	11,664
1952	4,324	2.941	127	54.976	2,377	4.289	18,546	10,195
1953	5,988	2.941	176	53.599	3,210	4.195	25,120	13,466
1954	4,258	2.941	125	52.206	2,223	4.105	17,479	9,125
1955	8,307	2.941	244	50.797	4,220	3.922	32,580	16,551
1956	1,961	2.941	58	49.370	968	3.564	6,989	3,450
1957	13,752	2.941	404	47.924	6,591	3.335	45,863	21,981
1958	9,285	2.941	273	46.460	4,314	3.279	30,446	14,146
1959	14,412	2.941	424	44.974	6,482	3.182	45,859	20,626
1960	13,016	2.941	383	43.468	5,658	3.146	40,948	17,800
1961	6,251	2.941	184	41.938	2,622	3.163	19,772	8,293
1962	9,065	2.941	267	40.385	3,661	3.152	28,573	11,539
1963	12,758	2.941	375	38.806	4,951	3.143	40,098	15,561
1964	10,873	2.941	320	37.201	4,045	3.126	33,989	12,645
1965	11,952	2.941	352	35.566	4,251	3.106	37,123	13,204
1966	34,235	2.931	1,007	33.901	11,606	2.978	101,952	34,563
1967	70,271	2.941	2,067	32.204	22,630	2.876	202,099	65,084
1968	73,090	2.941	2,150	30.472	22,272	2.788	203,775	62,094
1969	52,849	2.941	1,554	28.703	15,169	2.692	142,270	40,835
1970	63,781	2.941	1,876	26.893	17,153	2.535	161,685	43,483
1971	60,260	2.941	1,772	25.041	15,090	2.420	145,829	36,518
1972	1,535	2.941	45	23.142	355	2.354	3,613	836
1973	253,365	2.941	7,451	21.193	53,696	2.269	574,885	121,836
1974	4,588	2.941	135	19.188	880	1.906	8,745	1,677
1975	78,081	2.941	2,296	17.123	13,370	1.614	126,023	21,579
1976	307,264	2.941	9,037	14.992	46,065	1.519	466,734	69,973
1977	108,106	2.941	3,179	12.787	13,824	1.429	154,483	19,754
1978	213,501	2.941	6,279	10.499	22,415	1.332	284,383	29,857
1979	2,963	2.941	87	8.118	241	1.223	3,624	295
1980	110,307	2.941	3,244	5.628	6,208	1.092	120,455	6,779
1981	115,505	2.941	3,397	3.006	3,472	1.000	115,505	3,472
ASL TOTAL	1,745,144	2.941	51,323		363,386		3,638,455	1,003,879

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3946 TOOLS & WORK EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 39

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1922	1,014	2.564	26	91.305	926	9.211	9,340	8,529
1931	621	2.564	16	84.419	524	9.596	5,959	5,028
1932	2,340	2.564	60	83.589	1,956	10.283	24,062	20,114
1933	1,419	2.564	36	82.734	1,174	10.283	14,592	12,072
1934	1,796	2.564	46	81.854	1,470	8.896	15,977	13,077
1935	4,221	2.564	108	80.944	3,417	8.896	37,550	30,398
1936	15,200	2.564	390	80.003	12,160	8.896	135,219	108,175
1937	8,693	2.564	223	79.029	6,870	8.042	69,909	55,249
1938	1,500	2.564	38	78.021	1,170	7.962	11,943	9,316
1939	6,271	2.564	161	76.977	4,827	7.884	49,441	38,056
1940	3,232	2.564	83	75.896	2,453	7.508	24,266	18,417
1941	8,734	2.564	224	74.777	6,531	7.110	62,099	46,435
1942	597	2.564	15	73.620	440	7.110	4,245	3,128
1943	2,876	2.564	74	72.424	2,083	6.980	20,074	14,539
1944	2,768	2.564	71	71.189	1,971	6.746	18,673	13,296
1945	5,417	2.564	139	69.914	3,787	6.746	36,543	25,547
1946	7,944	2.564	204	68.600	5,450	5.874	46,663	32,013
1947	26,265	2.564	673	67.248	17,663	5.308	139,415	93,755
1948	22,850	2.564	586	65.856	15,048	4.991	114,044	75,105
1949	14,495	2.564	372	64.426	9,339	4.915	71,243	45,901
1950	10,017	2.564	257	62.958	6,307	4.603	46,108	29,031
1951	10,860	2.564	278	61.453	6,674	4.257	46,231	28,411
1952	9,265	2.564	238	59.912	5,551	4.289	39,738	23,808
1953	12,690	2.564	325	58.334	7,403	4.195	53,235	31,056
1954	9,015	2.564	231	56.722	5,113	4.105	37,007	20,989
1955	16,029	2.564	411	55.075	8,828	3.922	62,866	34,623
1956	6,249	2.564	160	53.394	3,337	3.564	22,271	11,893
1957	13,817	2.564	354	51.680	7,141	3.335	46,080	23,815
1958	13,796	2.564	354	49.934	6,889	3.279	45,237	22,589
1959	8,124	2.564	208	48.157	3,912	3.182	25,851	12,448
1960	5,254	2.564	135	46.349	2,435	3.146	16,529	7,661
1961	7,164	2.564	184	44.512	3,189	3.163	22,660	10,087
1962	11,619	2.564	298	42.645	4,955	3.152	36,623	15,618
1963	8,178	2.564	210	40.750	3,333	3.143	25,703	10,476
1964	7,945	2.564	204	38.827	3,085	3.126	24,836	9,644
1965	32,612	2.564	836	36.877	12,026	3.106	101,293	37,353
1966	40,545	2.564	1,040	34.900	14,150	2.978	120,743	42,139
1967	65,906	2.564	1,690	32.898	21,682	2.876	189,546	62,357
1968	26,509	2.564	680	30.871	8,184	2.788	73,907	22,817
1969	46,919	2.564	1,203	28.819	13,522	2.692	126,306	36,401
1970	34,539	2.564	886	26.744	9,237	2.535	87,556	23,416
1971	32,825	2.564	842	24.645	8,090	2.420	79,436	19,578
1972	95,156	2.564	2,440	22.524	21,433	2.354	223,997	50,453
1973	66,629	2.564	1,708	20.380	13,579	2.269	151,181	30,811
1974	53,091	2.564	1,361	18.215	9,671	1.906	101,191	18,433
1975	87,814	2.564	2,252	16.029	14,076	1.614	141,732	22,719
1976	121,963	2.564	3,127	13.822	16,858	1.519	185,262	25,607
1977	129,156	2.564	3,312	11.596	14,977	1.429	184,564	21,402
1978	134,405	2.564	3,446	9.351	12,568	1.332	179,027	16,741
1979	157,198	2.564	4,031	7.088	11,142	1.223	192,253	13,627
1980	115,978	2.564	2,974	4.806	5,574	1.092	126,648	6,087
1981	106,920	2.564	2,741	2.507	2,680	1.000	106,920	2,680
1982	72,524	2.564	1,860	0.677	491	1.000	72,524	491
ASL TOTAL	1,708,964	2.564	43,821		387,351		3,906,318	1,413,411

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3948 TRANSP EQUIP-GARAGE EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 25

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1929	6,942	4.000	278	68.579	4,761	8.342	57,910	39,716
1931	154	4.000	6	67.108	103	9.596	1,478	988
1932	58	4.000	2	66.354	38	10.283	596	391
1934	230	4.000	9	64.808	149	8.896	2,046	1,326
1935	762	4.000	30	64.016	488	8.896	6,779	4,341
1936	755	4.000	30	63.210	477	8.896	6,716	4,243
1937	2,396	4.000	96	62.391	1,495	8.042	19,269	12,023
1938	520	4.000	21	61.559	320	7.962	4,140	2,548
1939	381	4.000	15	60.712	231	7.884	3,004	1,821
1940	1,404	4.000	56	59.851	840	7.508	10,541	6,307
1941	961	4.000	38	58.976	567	7.110	6,833	4,031
1942	72	4.000	3	58.085	42	7.110	512	299
1943	130	4.000	5	57.179	74	6.980	907	517
1944	34	4.000	1	56.257	19	6.746	229	128
1945	1,403	4.000	56	55.319	776	6.746	9,465	5,235
1946	860	4.000	34	54.365	468	5.874	5,052	2,749
1947	1,557	4.000	62	53.393	831	5.308	8,265	4,411
1948	3,335	4.000	133	52.404	1,748	4.991	16,645	8,724
1949	1,614	4.000	65	51.397	830	4.915	7,933	4,079
1950	864	4.000	35	50.371	435	4.603	3,977	2,002
1951	3,059	4.000	122	49.327	1,509	4.257	13,022	6,424
1952	4,781	4.000	191	48.263	2,307	4.289	20,506	9,895
1953	719	4.000	29	47.179	339	4.195	3,016	1,422
1954	86	4.000	3	46.075	40	4.105	353	164
1955	616	4.000	25	44.950	277	3.922	2,416	1,086
1956	2,798	4.000	112	43.803	1,226	3.564	9,972	4,369
1957	23,877	4.000	955	42.634	10,180	3.335	79,630	33,950
1958	282	4.000	11	41.442	117	3.279	925	384
1959	44	4.000	2	40.226	18	3.182	140	57
1960	2,375	4.000	95	38.987	926	3.146	7,472	2,913
1961	10,157	4.000	406	37.723	3,832	3.163	32,127	12,121
1962	9,421	4.000	377	36.433	3,432	3.152	29,695	10,818
1963	3,406	4.000	136	35.118	1,196	3.143	10,705	3,759
1964	7,695	4.000	308	33.776	2,599	3.126	24,055	8,124
1965	13,054	4.000	522	32.407	4,230	3.106	40,546	13,138
1966	954	4.000	38	31.009	296	2.978	2,841	881
1967	442	4.000	18	29.583	131	2.876	1,271	377
1968	9,221	4.000	369	28.127	2,594	2.788	25,708	7,232
1969	15,810	4.000	632	26.640	4,212	2.692	42,561	11,339
1970	27,375	4.000	1,095	25.123	6,877	2.535	69,396	17,433
1971	37,220	4.000	1,489	23.569	8,772	2.420	90,072	21,228
1972	103,280	4.000	4,131	21.971	22,692	2.354	243,121	53,417
1973	54,279	4.000	2,171	20.316	11,028	2.269	123,159	25,023
1974	75,558	4.000	3,022	18.599	14,053	1.906	144,014	26,785
1975	470,680	4.000	18,827	16.805	79,093	1.614	759,678	127,664
1976	39,068	4.000	1,563	14.921	5,829	1.519	59,344	8,854
1977	71,660	4.000	2,866	12.934	9,269	1.429	102,402	13,245
1978	440,028	4.000	17,601	10.823	47,624	1.332	586,117	63,435
1979	242,096	4.000	9,684	8.561	20,726	1.223	296,083	25,348
1980	215,027	4.000	8,601	6.107	13,132	1.092	234,809	14,340
1981	289,222	4.000	11,569	3.384	9,787	1.000	289,222	9,787
1982	23,207	4.000	928	0.981	228	1.000	23,207	228
ASL TOTAL	2,221,929	4.000	88,873		303,268		3,539,882	641,119

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3950 LABORATORY EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 45

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	2,942	2.222	65	90.418	2,660	3.575	10,518	9,509
1932	3,324	2.222	74	89.716	2,982	3.575	11,883	10,661
1933	1,285	2.222	29	88.973	1,143	3.437	4,417	3,928
1934	2,755	2.222	61	88.181	2,429	3.117	8,587	7,571
1935	5,727	2.222	127	87.331	5,001	3.117	17,851	15,588
1936	16,451	2.222	366	86.415	14,216	3.117	51,278	44,311
1937	8,088	2.222	180	85.427	6,909	3.114	25,186	21,515
1938	1,914	2.222	43	84.361	1,615	3.230	6,182	5,216
1939	3,041	2.222	68	83.214	2,531	3.230	9,822	8,175
1940	5,073	2.222	113	81.938	4,159	3.230	16,386	13,434
1941	6,434	2.222	143	80.685	5,191	3.230	20,782	16,767
1942	1,075	2.222	24	79.314	853	3.230	3,472	2,755
1943	210	2.222	5	77.883	164	3.230	678	530
1944	5,044	2.222	112	76.406	3,854	3.230	16,292	12,448
1945	6,368	2.222	141	74.892	4,769	3.230	20,569	15,404
1946	9,152	2.222	203	73.344	6,712	3.026	27,694	20,311
1947	11,568	2.222	257	71.761	8,301	2.641	30,551	21,923
1948	14,829	2.222	330	70.142	10,401	2.434	36,094	25,316
1949	17,072	2.222	379	68.488	11,692	2.421	41,331	28,306
1950	14,532	2.222	323	66.796	9,707	2.306	33,511	22,384
1951	7,568	2.222	168	65.066	4,924	2.202	16,665	10,843
1952	25,981	2.222	577	63.299	16,446	2.147	55,781	35,310
1953	25,482	2.222	566	61.495	15,670	2.085	53,130	32,672
1954	15,188	2.222	337	59.656	9,061	2.048	31,105	18,557
1955	16,373	2.222	364	57.783	9,461	2.141	35,055	20,256
1956	11,998	2.222	267	55.875	6,704	2.059	24,704	13,804
1957	51,672	2.222	1,148	53.936	27,870	1.946	100,554	54,235
1958	28,401	2.222	631	51.968	14,759	1.906	54,132	28,131
1959	34,789	2.222	773	49.971	17,384	1.852	64,429	32,195
1960	10,455	2.222	232	47.949	5,013	1.845	19,289	9,249
1961	40,337	2.222	896	45.901	18,515	1.866	75,269	34,549
1962	33,851	2.222	752	43.831	14,837	1.875	63,471	27,819
1963	11,707	2.222	260	41.742	4,887	1.889	22,115	9,232
1964	5,044	2.222	112	39.634	1,999	1.904	9,604	3,806
1965	16,516	2.222	367	37.509	6,195	1.922	31,744	11,907
1966	6,833	2.222	152	35.370	2,417	1.922	13,133	4,645
1967	7,488	2.222	166	33.218	2,487	1.908	14,287	4,745
1968	4,836	2.222	107	31.055	1,502	1.845	8,922	2,771
1969	6,818	2.222	151	28.881	1,969	1.782	12,150	3,509
1970	22,930	2.222	510	26.699	6,122	1.731	39,692	10,597
1971	69,296	2.222	1,540	24.510	16,984	1.639	113,576	27,837
1972	76,000	2.222	1,689	22.315	16,959	1.769	134,444	30,000
1973	117,630	2.222	2,614	20.115	23,661	1.663	195,619	39,348
1974	121,475	2.222	2,699	17.910	21,756	1.634	198,490	35,549
1975	112,603	2.222	2,502	15.701	17,680	1.414	159,221	25,000
1976	19,491	2.222	433	13.490	2,629	1.406	27,404	3,696
1977	64,651	2.222	1,437	11.276	7,290	1.677	108,420	12,225
1978	213,955	2.222	4,754	9.060	19,384	1.216	260,169	23,571
1979	53,262	2.222	1,183	6.843	3,645	1.322	70,412	4,819
1980	79,944	2.222	1,776	4.625	3,697	1.205	96,333	4,455
1981	192,435	2.222	4,276	2.405	4,628	1.000	192,435	4,628
1982	220,155	2.222	4,892	0.648	1,427	1.000	220,155	1,427
ASL TOTAL	1,862,048	2.222	41,374		433,251		2,914,993	887,439

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3970 COMMUNICATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 18

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	409	5.556	23	79.576	325	11.272	4,610	3,663
1932	396	5.556	22	78.918	313	11.776	4,663	3,686
1933	53	5.556	3	78.209	41	11.415	605	468
1934	542	5.556	30	77.460	420	10.090	5,469	4,238
1935	109	5.556	6	76.673	84	9.955	1,085	836
1936	116	5.556	6	75.858	88	9.813	1,138	864
1937	1,930	5.556	107	75.014	1,448	8.950	17,273	12,960
1938	121	5.556	7	74.145	90	9.391	1,136	845
1939	161	5.556	9	73.253	118	9.313	1,499	1,099
1940	258	5.556	14	72.338	187	9.322	2,405	1,743
1941	625	5.556	35	71.401	446	9.255	5,784	4,128
1942	76	5.556	4	70.442	54	8.372	636	452
1943	15	5.556	1	69.462	10	8.388	126	84
1944	185	5.556	10	68.459	127	8.158	1,509	1,036
1946	2,932	5.556	163	66.386	1,946	6.764	19,832	13,163
1947	327	5.556	18	65.315	214	5.675	1,856	1,214
1948	16,302	5.556	906	64.219	10,469	5.368	87,509	56,198
1949	10,731	5.556	596	63.099	6,771	5.381	57,744	36,435
1950	7,150	5.556	397	61.953	4,430	5.149	36,815	22,810
1951	2,398	5.556	133	60.781	1,458	4.727	11,335	6,892
1952	3,815	5.556	212	59.582	2,273	4.437	16,927	10,085
1953	14,981	5.556	832	58.355	8,742	4.097	61,377	35,816
1954	15,883	5.556	882	57.098	9,069	4.066	64,580	36,875
1955	5,307	5.556	295	55.811	2,962	3.887	20,628	11,513
1956	21,804	5.556	1,211	54.492	11,881	3.580	78,058	42,534
1957	11,223	5.556	624	53.141	5,964	3.516	39,460	20,969
1958	12,606	5.556	700	51.756	6,524	3.478	43,844	22,690
1959	32,190	5.556	1,788	50.336	16,203	3.357	108,062	54,393
1960	7,316	5.556	406	48.879	3,576	3.309	24,209	11,833
1961	10,299	5.556	572	47.385	4,880	3.335	34,347	16,275
1962	7,774	5.556	432	45.851	3,564	3.311	25,740	11,800
1963	2,835	5.556	158	44.277	1,255	3.295	9,341	4,135
1964	11,515	5.556	640	42.660	4,912	3.207	36,929	15,753
1965	11,974	5.556	665	41.000	4,909	3.039	36,389	14,918
1966	4,533	5.556	252	39.293	1,781	2.864	12,983	5,101
1967	24,474	5.556	1,360	37.540	9,188	2.690	65,835	24,716
1968	31,948	5.556	1,775	35.737	11,417	2.589	82,713	29,559
1969	55,318	5.556	3,073	33.884	18,744	2.497	138,129	46,804
1970	137,777	5.556	7,655	31.978	44,058	2.382	328,185	104,946
1971	47,443	5.556	2,636	30.017	14,241	2.176	103,236	30,988
1972	261,776	5.556	14,544	28.000	73,297	2.002	524,076	146,741
1973	768,291	5.556	42,686	25.924	199,172	1.892	1,453,607	376,833
1974	224,647	5.556	12,481	23.783	53,428	1.724	387,291	92,110
1975	360,919	5.556	20,053	21.558	77,807	1.599	577,109	124,413
1976	159,141	5.556	8,842	19.222	30,590	1.476	234,892	45,151
1977	94,268	5.556	5,238	16.747	15,787	1.362	128,393	21,502
1978	48,209	5.556	2,678	14.098	6,797	1.275	61,466	8,666
1979	56,839	5.556	3,158	11.233	6,385	1.190	67,638	7,598
1980	188,886	5.556	10,495	8.085	15,271	1.093	206,452	16,691
1981	106,248	5.556	5,903	4.529	4,812	1.000	106,248	4,812
1982	38,323	5.556	2,129	1.331	510	1.000	38,323	510
ASL TOTAL	2,823,398	5.556	156,865		699,038		5,379,496	1,569,544

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3980 MISCELLANEOUS EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

ACCOUNT GROUP PROCEDURE IOWA CURVE L2- 38

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	4	2.632	0	82.378	3	9.341	37	28
1911	68	2.632	2	81.828	56	9.341	635	523
1912	9	2.632	0	81.273	7	9.597	86	67
1913	14	2.632	0	80.711	11	9.597	134	106
1914	69	2.632	2	80.145	55	9.597	662	528
1915	62	2.632	2	79.571	49	9.341	579	458
1916	21	2.632	1	78.991	17	8.383	176	143
1917	11	2.632	0	78.405	9	5.967	66	54
1918	74	2.632	2	77.812	58	4.602	341	267
1920	12	2.632	0	76.605	9	4.090	49	37
1921	109	2.632	3	75.991	83	4.945	539	410
1922	852	2.632	22	75.370	642	5.813	4,953	3,732
1923	47	2.632	1	74.743	35	5.967	280	209
1924	378	2.632	10	74.109	280	6.071	2,295	1,700
1925	110	2.632	3	73.470	81	5.967	656	483
1926	778	2.632	20	72.824	567	5.755	4,477	3,263
1927	38	2.632	1	72.173	27	5.755	219	155
1928	1,033	2.632	27	71.519	739	5.755	5,945	4,253
1929	197	2.632	5	70.860	140	5.656	1,114	792
1930	388	2.632	10	70.199	272	7.278	2,824	1,980
1931	520	2.632	14	69.536	362	7.278	3,785	2,635
1932	711	2.632	19	68.873	490	7.979	5,673	3,910
1933	1,415	2.632	37	68.210	965	7.979	11,290	7,700
1934	98	2.632	3	67.548	66	7.228	708	477
1935	157	2.632	4	66.889	105	6.417	1,007	674
1936	12,143	2.632	320	66.233	8,043	6.417	77,922	51,612
1937	1,265	2.632	33	65.581	830	6.296	7,964	5,226
1938	577	2.632	15	64.933	375	6.784	3,914	2,544
1939	73	2.632	2	64.290	47	6.378	466	300
1940	1,563	2.632	41	63.651	995	6.136	9,591	6,105
1941	1,925	2.632	51	63.017	1,213	5.156	9,925	6,254
1942	4,439	2.632	117	62.385	2,769	5.460	24,237	15,119
1943	2,379	2.632	63	61.755	1,469	5.460	12,989	8,021
1944	1,908	2.632	50	61.125	1,166	5.460	10,418	6,366
1945	441	2.632	12	60.492	267	5.093	2,246	1,360
1946	6,480	2.632	171	59.853	3,878	4.880	31,622	18,925
1947	1,099	2.632	29	59.206	651	3.616	3,974	2,354
1948	2,136	2.632	56	58.545	1,251	3.616	7,724	4,524
1949	4,468	2.632	118	57.866	2,585	3.616	16,156	9,347
1950	4,035	2.632	106	57.165	2,307	3.486	14,066	8,042
1951	16,767	2.632	441	56.436	9,463	3.148	52,783	29,790
1952	4,599	2.632	121	55.673	2,560	3.155	14,510	8,077
1953	20,966	2.632	552	54.871	11,504	3.072	64,408	35,340
1954	20,216	2.632	532	54.022	10,921	3.028	61,214	33,069
1955	7,644	2.632	201	53.119	4,060	2.839	21,701	11,526
1956	23,108	2.632	608	52.157	12,052	2.675	61,814	32,239
1957	11,314	2.632	298	51.128	5,785	2.506	28,353	14,497
1958	5,261	2.632	138	50.024	2,632	2.421	12,737	6,372
1959	5,445	2.632	143	48.841	2,659	2.415	13,150	6,421
1960	2,346	2.632	62	47.569	1,116	2.399	5,628	2,677
1961	24,091	2.632	634	46.205	11,131	2.403	57,891	26,748
1962	4,382	2.632	115	44.743	1,961	2.383	10,442	4,673
1963	1,826	2.632	48	43.178	788	2.380	4,346	1,875
1964	3,817	2.632	100	41.511	1,584	2.375	9,065	3,762
1965	9,755	2.632	257	39.742	3,877	2.362	23,041	9,157
1966	11,822	2.632	311	37.873	4,477	2.318	27,403	10,378
1967	27,182	2.632	715	35.914	9,762	2.228	60,561	21,750
1968	18,131	2.632	477	33.871	6,141	2.169	39,326	13,320
1969	26,041	2.632	685	31.761	8,271	2.100	54,686	17,369

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3980 MISCELLANEOUS EQUIPMENT DEPRECIATION DATE -- JULY 31, 1982

IOWA CURVE L2- 38

ACCOUNT GROUP PROCEDURE

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	85,212	2.632	2,243	29.594	25,218	1.999	170,339	50,411
1971	481,389	2.632	12,670	27.380	131,804	1.973	949,780	260,049
1972	111,211	2.632	2,927	25.122	27,938	1.943	216,083	54,284
1973	91,274	2.632	2,402	22.818	20,827	1.836	167,579	38,238
1974	76,098	2.632	2,003	20.466	15,574	1.599	121,681	24,903
1975	117,489	2.632	3,092	18.070	21,230	1.470	172,709	31,208
1976	55,833	2.632	1,470	15.627	8,725	1.423	79,450	12,416
1977	25,675	2.632	676	13.141	3,374	1.343	34,482	4,531
1978	43,055	2.632	1,133	10.615	4,570	1.254	53,991	5,731
1979	152,749	2.632	4,020	8.053	12,301	1.151	175,814	14,158
1980	95,926	2.632	2,525	5.461	5,239	1.082	103,792	5,669
1981	284,790	2.632	7,496	2.846	8,105	1.000	284,790	8,105
1982	25,032	2.632	659	0.767	192	1.000	25,032	192
ASL TOTAL	1,942,552	2.632	51,126		428,815		3,460,325	979,618

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3010 ORGANIZATION DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1936	476,158					1.000	476,158	
1938	64					1.000	64	
1942	30					1.000	30	
TOTAL	476,252						476,252	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3020 FRANCHISES AND CONSENTS DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1936	136,004					1.000	136,004	
1938	64					1.000	64	
1942	1,524					1.000	1,524	
1947	1,150					1.000	1,150	
1948	554					1.000	554	
1949	1,823					1.000	1,823	
1950	1,028					1.000	1,028	
1953	586					1.000	586	
1957	645					1.000	645	
1960	781					1.000	781	
1961	715					1.000	715	
1963	805					1.000	805	
1964	1,220					1.000	1,220	
1965	185					1.000	185	
TOTAL	147,084						147,084	

PAAA-B6

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT

DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT 3030 MISC INTANGIBLE PLANT

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1913	1,195					1.000	1,195	
1920	17					1.000	17	
1921	15					1.000	15	
1922	3					1.000	3	
1925	405					1.000	405	
1927	53					1.000	53	
1928	62					1.000	62	
1930	145					1.000	145	
1952	20,160					1.000	20,160	
TOTAL	22,055						22,055	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3302 LAND AND LAND RIGHTS-OTHER DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	1,650,498					1.000	1,650,498	
1912	7,718					1.000	7,718	
1913	23,838					1.000	23,838	
1914	3,669					1.000	3,669	
1915	15,430					1.000	15,430	
1916	41,517					1.000	41,517	
1920	13,770					1.000	13,770	
1921	52,731					1.000	52,731	
1922	2,101					1.000	2,101	
1923	2,662					1.000	2,662	
1925	8,010					1.000	8,010	
1926	2,451,250					1.000	2,451,250	
1927	34,514					1.000	34,514	
1929	490					1.000	490	
1930	3,667					1.000	3,667	
1931	22,472					1.000	22,472	
1933	401					1.000	401	
1934	5,935					1.000	5,935	
1935	18,292					1.000	18,292	
1936	19,100					1.000	19,100	
1937	1,076					1.000	1,076	
1938	258					1.000	258	
1939	1,650					1.000	1,650	
1940	542					1.000	542	
1941	38					1.000	38	
1942	318					1.000	318	
1943	1,365					1.000	1,365	
1944	2,924					1.000	2,924	
1945	696					1.000	696	
1946	640					1.000	640	
1947	921					1.000	921	
1948	475					1.000	475	
1949	1,537					1.000	1,537	
1950	18,124					1.000	18,124	
1951	1,886					1.000	1,886	
1952	306					1.000	306	
1953	526					1.000	526	
1954	200					1.000	200	
1956	1,648					1.000	1,648	
1957	3,764					1.000	3,764	
1959	3,638					1.000	3,638	
1967	8,097					1.000	8,097	
1969	6,287					1.000	6,287	
1971	9,837					1.000	9,837	
1979	56,983					1.000	56,983	
1980	1,907					1.000	1,907	
TOTAL	4,503,708						4,503,708	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3304 LAND AND LAND RIGHTS-REC FAC DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	55,227					1.000	55,227	
1912	103					1.000	103	
1913	222					1.000	222	
1919	2,122					1.000	2,122	
1920	610					1.000	610	
1921	8,329					1.000	8,329	
1925	140					1.000	140	
1926	11,087					1.000	11,087	
1927	461					1.000	461	
1931	3,045					1.000	3,045	
1936	80					1.000	80	
1943	21					1.000	21	
1947	344					1.000	344	
1950	2,001					1.000	2,001	
1951	1,773					1.000	1,773	
1954	154					1.000	154	
1956	4,112					1.000	4,112	
1967	29					1.000	29	
1971	21,536					1.000	21,536	
1973	9,377					1.000	9,377	
1974	1,347					1.000	1,347	
1980	38,830					1.000	38,830	
TOTAL	160,950						160,950	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3312 STRUC & IMP - OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	242,736	1.429	3,469	65.384	158,711	23.035	5,591,424	3,655,908
1911	23,245	1.429	332	64.707	15,041	23.338	542,492	351,027
1912	62,147	1.429	888	64.023	39,788	22.950	1,426,274	913,135
1913	32,000	1.429	457	63.333	20,267	22.130	708,160	448,509
1914	29,648	1.429	424	62.636	18,570	22.451	665,627	416,915
1915	169	1.429	2	61.931	105	21.293	3,599	2,236
1916	1,794	1.429	26	61.220	1,098	17.357	31,138	19,058
1917	5,418	1.429	77	60.502	3,278	13.816	74,855	45,289
1918	1,810	1.429	26	59.777	1,082	13.426	24,301	14,527
1919	5,607	1.429	80	59.044	3,311	12.789	71,708	42,344
1920	1,795	1.429	26	58.305	1,047	11.647	20,906	12,194
1921	2,565	1.429	37	57.558	1,476	13.226	33,925	19,522
1922	3,011	1.429	43	56.805	1,710	13.862	41,738	23,704
1923	273,028	1.429	3,902	56.044	153,016	12.594	3,438,515	1,927,084
1924	130,621	1.429	1,867	55.276	72,202	12.430	1,623,619	897,471
1925	5,296	1.429	76	54.501	2,886	12.568	66,560	36,271
1926	1,061,708	1.429	15,172	53.719	570,339	12.355	13,117,402	7,046,538
1927	17,117	1.429	245	52.929	9,060	12.480	213,620	113,069
1928	3,295	1.429	47	52.133	1,718	12.736	41,965	21,880
1929	27,813	1.429	397	51.329	14,276	12.684	352,780	181,077
1930	985	1.429	14	50.519	498	13.031	12,836	6,489
1931	9,628	1.429	138	49.701	4,785	13.618	131,114	65,162
1932	19,207	1.429	274	48.877	9,388	14.115	271,107	132,512
1933	35,303	1.429	504	48.045	16,961	14.147	499,432	239,947
1934	28,433	1.429	406	47.207	13,422	13.648	388,054	183,183
1935	5,160	1.429	74	46.362	2,392	13.383	69,056	32,012
1936	4,525	1.429	65	45.511	2,059	13.142	59,468	27,059
1937	12,013	1.429	172	44.652	5,364	12.393	148,877	66,476
1938	14,689	1.429	210	43.788	6,432	12.405	182,217	79,789
1939	1,913	1.429	27	42.916	821	12.368	23,660	10,154
1940	3,691	1.429	53	42.039	1,552	11.997	44,281	18,619
1941	16,688	1.429	238	41.155	6,868	11.603	193,631	79,689
1942	1,678	1.429	24	40.266	676	10.051	16,866	6,794
1943	5,276	1.429	75	39.370	2,077	9.804	51,726	20,363
1944	214	1.429	3	38.469	82	9.651	2,065	791
1945	25,052	1.429	358	37.562	9,410	9.482	237,543	89,226
1946	11,841	1.429	169	36.650	4,340	8.121	96,161	35,245
1947	2,469	1.429	35	35.732	882	7.381	18,224	6,510
1948	46,983	1.429	671	34.809	16,354	6.831	320,941	111,714
1949	4,367	1.429	62	33.882	1,480	6.414	28,010	9,493
1950	5,973	1.429	85	32.949	1,968	5.998	35,826	11,804
1951	16,010	1.429	229	32.012	5,125	5.114	81,875	26,209
1952	78,315	1.429	1,119	31.070	24,332	4.779	374,267	116,283
1954	3,919	1.429	56	29.174	1,143	4.546	17,816	5,196
1955	2,085	1.429	30	28.220	588	4.239	8,838	2,493
1956	6,524	1.429	93	27.263	1,779	4.077	26,598	7,253
1958	2,500	1.429	36	25.337	633	3.762	9,405	2,381
1959	186	1.429	3	24.359	45	3.613	672	163
1960	6,546	1.429	94	23.398	1,532	3.575	23,402	5,477
1963	324	1.429	5	20.466	66	3.353	1,086	221
1967	3,288	1.429	47	16.513	543	2.851	9,374	1,548
1968	4,043	1.429	58	15.516	627	2.831	11,446	1,775
1970	9,476	1.429	135	13.512	1,280	2.514	23,823	3,218
1971	4,342	1.429	62	12.505	543	2.302	9,995	1,250
1973	41,271	1.429	590	10.478	4,324	2.038	84,110	8,812
1974	6,328	1.429	90	9.458	599	1.715	10,853	1,027
1976	23,837	1.429	341	7.407	1,766	1.464	34,897	2,585
1977	3,036	1.429	43	6.375	194	1.364	4,141	265
1978	13,403	1.429	192	5.339	716	1.265	16,955	906

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3312 STRUC & IMP - OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1979	32,358	1.429	462	4.298	1,391	1.178	38,118	1,639
1981	101,659	1.429	1,453	2.202	2,239	1.000	101,659	2,239
1982	72,780	1.429	1,040	1.147	835	1.000	72,780	835
ASL TOTAL	2,619,141	1.429	37,428		1,247,092		31,883,813	17,612,564

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3314 STRUC & IMP - REC FAC DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 20

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1951	17,290	5.000	864	97.618	16,878	5.114	88,421	86,314
1952	504	5.000	25	96.341	486	4.779	2,409	2,323
1954	1,485	5.000	74	93.983	1,396	4.546	6,751	6,346
1955	72	5.000	4	92.742	67	4.239	305	284
1956	13,611	5.000	681	91.485	12,452	4.077	55,492	50,767
1957	6,381	5.000	319	90.204	5,756	3.959	25,262	22,788
1958	112	5.000	6	88.869	100	3.762	421	376
1959	26,416	5.000	1,321	87.436	23,097	3.613	95,441	83,449
1960	7,390	5.000	369	85.861	6,345	3.575	26,419	22,683
1964	722	5.000	36	77.496	560	3.609	2,606	2,021
1965	100	5.000	5	74.822	75	3.440	344	258
1966	21,860	5.000	1,093	71.920	15,722	2.854	62,388	44,871
1967	516,908	5.000	25,845	68.804	355,653	2.851	1,473,705	1,013,967
1968	62,046	5.000	3,102	65.492	40,635	2.831	175,652	115,038
1969	49,088	5.000	2,454	62.002	30,436	2.592	127,236	78,890
1970	41,569	5.000	2,078	58.349	24,255	2.514	104,504	60,977
1971	12,538	5.000	627	54.546	6,839	2.302	28,862	15,743
1972	69,425	5.000	3,471	50.604	35,132	2.147	149,055	75,428
1973	117,927	5.000	5,896	46.531	54,873	2.038	240,335	111,831
1974	12,268	5.000	613	42.334	5,194	1.715	21,040	8,908
1975	15,904	5.000	795	38.020	6,047	1.543	24,540	9,331
1976	4,427	5.000	221	33.597	1,487	1.464	6,481	2,177
1978	216,104	5.000	10,805	24.460	52,859	1.265	273,372	66,867
1979	49,731	5.000	2,487	19.766	9,830	1.178	58,583	11,580
1980	83,343	5.000	4,167	15.003	12,504	1.077	89,760	13,467
1981	135,465	5.000	6,773	10.182	13,793	1.000	135,465	13,793
1982	84,177	5.000	4,209	5.313	4,472	1.000	84,177	4,472
ASL TOTAL	1,566,863	5.000	78,340		736,943		3,359,026	1,924,949

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3322 RESV,DAM,WATERWAY-FLOW LINE DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 70

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	266,645	1.429	3,810	69.572	185,510	11.448	3,052,552	2,123,718
1942	846	1.429	12	53.225	450	9.640	8,155	4,338
1945	7,240	1.429	103	49.812	3,606	9.108	65,942	32,843
1950	7,246	1.429	104	43.915	3,182	6.042	43,780	19,226
1951	15,363	1.429	220	42.706	6,561	5.309	81,562	34,832
1952	31,301	1.429	447	41.488	12,986	4.971	155,597	64,553
1956	2,665,252	1.429	38,086	36.520	973,350	4.207	11,212,715	4,094,883
1958	3,082,094	1.429	44,043	33.984	1,047,419	3.893	11,998,592	4,077,602
ASL TOTAL	6,075,987	1.429	86,825		2,233,064		26,618,895	10,451,995

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3324 RESV,DAM,WATERWAY-OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	3,833,740	1.000	38,337	68.165	2,613,269	22.035	84,476,461	57,583,382
1911	104,949	1.000	1,049	67.404	70,740	22.244	2,334,486	1,573,541
1912	209,431	1.000	2,094	66.636	139,556	22.118	4,632,195	3,086,700
1913	105,268	1.000	1,053	65.861	69,331	21.046	2,215,470	1,459,140
1914	84,791	1.000	848	65.078	55,180	20.896	1,771,793	1,153,041
1915	617	1.000	6	64.287	397	20.073	12,385	7,969
1916	177,960	1.000	1,780	63.489	112,985	16.651	2,963,212	1,881,313
1917	69,342	1.000	693	62.684	43,466	13.127	910,252	570,578
1918	692	1.000	7	61.871	428	12.275	8,494	5,254
1919	30,028	1.000	300	61.051	18,332	11.653	349,916	213,623
1920	4,919	1.000	49	60.223	2,962	10.247	50,405	30,352
1921	1,767	1.000	18	59.389	1,049	12.392	21,897	12,999
1922	1,319	1.000	13	58.548	772	12.812	16,899	9,891
1923	615,892	1.000	6,159	57.699	355,364	11.583	7,133,877	4,116,181
1924	97,659	1.000	977	56.845	55,514	11.538	1,126,790	640,521
1925	4,890	1.000	49	55.983	2,738	11.653	56,983	31,906
1926	1,818,018	1.000	18,180	55.115	1,002,001	11.448	20,812,670	11,470,907
1927	11,538	1.000	115	54.241	6,258	11.734	135,387	73,431
1928	67,429	1.000	674	53.361	35,981	11.734	791,212	422,201
1929	186,945	1.000	1,869	52.474	98,098	11.853	2,215,859	1,162,756
1930	11,744	1.000	117	51.582	6,058	12.431	145,990	75,307
1931	54,501	1.000	545	50.684	27,623	13.069	712,274	361,005
1932	1,080	1.000	11	49.781	538	13.336	14,403	7,175
1934	2,722	1.000	27	47.959	1,305	12.714	34,608	16,592
1936	3,536	1.000	35	46.118	1,631	12.431	43,956	20,275
1937	457,027	1.000	4,570	45.190	206,531	11.723	5,357,728	2,421,163
1938	11,610	1.000	116	44.258	5,138	11.758	136,510	60,413
1939	14,930	1.000	149	43.322	6,468	11.734	175,189	75,896
1940	2,023	1.000	20	42.381	857	11.437	23,137	9,802
1941	3,481	1.000	35	41.437	1,442	11.049	38,462	15,933
1942	9,296	1.000	93	40.490	3,764	9.640	89,613	36,285
1943	5,652	1.000	57	39.538	2,235	9.446	53,389	21,112
1944	1,448	1.000	14	38.584	559	9.187	13,303	5,136
1946	13,981	1.000	140	36.666	5,126	7.894	110,366	40,465
1947	5,521	1.000	55	35.702	1,971	7.249	40,022	14,288
1948	3,319	1.000	33	34.736	1,153	6.780	22,503	7,817
1949	5,342	1.000	53	33.767	1,804	6.420	34,296	11,582
1950	2,758	1.000	28	32.796	905	6.042	16,664	5,468
1952	1,263	1.000	13	30.848	390	4.971	6,278	1,939
1953	3,167	1.000	32	29.870	946	4.659	14,755	4,407
1954	1,129	1.000	11	28.891	326	4.681	5,285	1,526
1956	58,941	1.000	589	26.928	15,872	4.207	247,965	66,774
1957	6,456	1.000	65	25.944	1,675	4.060	26,211	6,800
1962	3,989	1.000	40	21.005	838	3.601	14,364	3,018
1963	6,783	1.000	68	20.014	1,358	3.426	23,239	4,653
1964	16,984	1.000	170	19.022	3,231	3.507	59,563	11,331
1965	21,253	1.000	213	18.029	3,832	3.330	70,772	12,761
1966	4,533	1.000	45	17.036	772	2.964	13,436	2,288
1969	122,560	1.000	1,226	14.052	17,222	2.514	308,116	43,296
1972	22,895	1.000	229	11.064	2,533	2.063	47,232	5,226
1973	239,901	1.000	2,399	10.067	24,151	1.932	463,489	46,660
1975	1,716	1.000	17	8.072	139	1.499	2,572	208
1976	621,126	1.000	6,211	7.074	43,938	1.437	892,558	63,139
1977	107,922	1.000	1,079	6.076	6,557	1.339	144,508	8,780
1978	121,746	1.000	1,217	5.078	6,182	1.235	150,356	7,635
1979	845,662	1.000	8,457	4.079	34,495	1.151	973,357	39,704
1981	127,259	1.000	1,273	2.081	2,648	1.000	127,259	2,648
1982	108,650	1.000	1,086	1.082	1,176	1.000	108,650	1,176

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3324 RESV,DAM,WATERWAY-OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
ASL TOTAL	10,481,100	1.000	104,808		5,127,810		142,799,021	89,045,369

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3330 W WHEELS TURBINES & GENERATOR DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	170,998	1.667	2,851	76.340	130,540	18.932	3,237,334	2,471,383
1911	588,088	1.667	9,817	75.734	445,988	19.008	11,193,583	8,477,340
1912	191,820	1.667	3,198	75.123	144,101	18.970	3,638,825	2,733,596
1913	147,116	1.667	2,452	74.505	109,609	18.894	2,779,610	2,070,952
1914	123,882	1.667	2,065	73.881	91,525	18.932	2,345,334	1,732,751
1915	286	1.667	5	73.251	209	18.453	5,278	3,857
1916	215	1.667	4	72.614	156	16.103	3,462	2,512
1917	1,607	1.667	27	71.969	1,157	13.396	21,527	15,499
1918	1,552	1.667	26	71.318	1,107	11.826	18,354	13,091
1919	1,665	1.667	28	70.659	1,176	11.251	18,733	13,231
1920	412	1.667	7	69.993	288	10.621	4,376	3,059
1921	14	1.667	0	69.319	10	11.016	154	110
1922	618	1.667	10	68.637	424	13.608	8,410	5,770
1923	209,865	1.667	3,498	67.947	142,597	14.220	2,984,280	2,027,729
1924	599,630	1.667	9,996	67.249	403,245	13.228	7,931,906	5,334,125
1925	516	1.667	9	66.542	343	13.155	6,788	4,512
1926	491,316	1.667	8,190	65.826	323,414	13.321	6,544,820	4,308,198
1927	6,675	1.667	111	65.101	4,345	13.321	88,918	57,880
1928	457	1.667	8	64.367	294	12.993	5,938	3,820
1931	23	1.667	0	62.106	14	12.067	278	169
1932	20	1.667	0	61.332	12	12.129	243	146
1934	4	1.667	0	59.751	2	10.574	42	21
1937	11,788	1.667	197	57.295	6,754	9.485	111,809	64,062
1938	10,342	1.667	172	56.452	5,838	8.774	90,741	51,223
1939	21,778	1.667	363	55.596	12,108	8.823	192,147	106,829
1940	828	1.667	14	54.728	453	8.247	6,829	3,736
1941	5,290	1.667	88	53.846	2,848	7.930	41,950	22,585
1945	47,289	1.667	788	50.178	23,729	7.078	334,712	167,954
1946	23,091	1.667	385	49.224	11,366	6.049	139,677	68,753
1947	5,452	1.667	91	48.254	2,631	5.389	29,381	14,178
1948	294	1.667	5	47.268	139	5.138	1,511	714
1949	3,098	1.667	52	46.266	1,433	4.834	14,976	6,927
1950	395,479	1.667	6,593	45.247	178,942	4.372	1,729,034	782,334
1951	401,401	1.667	6,691	44.211	177,463	4.088	1,640,927	725,469
1953	448,089	1.667	7,470	42.084	188,574	3.751	1,680,782	707,341
1955	408,291	1.667	6,806	39.883	162,839	3.586	1,464,132	583,941
1956	374,315	1.667	6,240	38.753	145,058	3.196	1,196,311	463,605
1957	793,949	1.667	13,235	37.603	298,549	2.896	2,299,276	864,598
1958	17,777	1.667	296	36.433	6,477	2.756	48,993	17,851
1959	10,313	1.667	172	35.243	3,635	2.671	27,546	9,709
1961	311,578	1.667	5,194	32.797	102,188	2.658	828,174	271,616
1964	22,780	1.667	380	28.964	6,598	2.661	60,618	17,557
1966	7,494	1.667	125	26.295	1,971	2.477	18,563	4,882
1970	7,523	1.667	125	20.679	1,556	2.085	15,685	3,244
ASL TOTAL	5,865,618	1.667	97,784		3,141,705		52,611,967	34,238,859

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3340 ACCESSORY ELECTRIC EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 55

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	128,393	1.818	2,334	77.540	99,556	14.342	1,841,412	1,427,832
1911	7,783	1.818	141	76.834	5,980	14.579	113,468	87,182
1912	16,238	1.818	295	76.120	12,360	13.673	222,022	168,998
1913	35,234	1.818	641	75.396	26,565	13.542	477,139	359,743
1914	2,107	1.818	38	74.663	1,573	13.916	29,321	21,890
1915	120	1.818	2	73.921	89	12.780	1,534	1,137
1916	837	1.818	15	73.169	612	10.557	8,836	6,461
1917	1,647	1.818	30	72.407	1,193	8.704	14,335	10,384
1918	4,084	1.818	74	71.635	2,926	8.038	32,827	23,519
1919	6,771	1.818	123	70.853	4,797	7.993	54,121	38,342
1920	5,225	1.818	95	70.062	3,661	7.222	37,735	26,440
1921	7,367	1.818	134	69.259	5,102	7.252	53,425	37,000
1922	4,665	1.818	85	68.447	3,193	8.463	39,480	27,022
1923	153,910	1.818	2,798	67.624	104,080	8.284	1,274,990	862,199
1924	162,820	1.818	2,960	66.790	108,747	8.245	1,342,451	896,619
1925	51,968	1.818	945	65.946	34,271	8.265	429,516	283,250
1926	118,132	1.818	2,148	65.091	76,893	8.304	980,968	638,519
1927	7,007	1.818	127	64.225	4,500	8.474	59,377	38,133
1928	12,979	1.818	236	63.347	8,222	8.484	110,114	69,755
1929	12,834	1.818	233	62.459	8,016	8.094	103,878	64,882
1930	9,825	1.818	179	61.559	6,048	8.353	82,068	50,519
1931	79,132	1.818	1,439	60.648	47,992	8.802	696,520	422,426
1932	6,297	1.818	114	59.726	3,761	9.051	56,994	34,041
1933	17,508	1.818	318	58.792	10,293	8.704	152,390	89,590
1934	9,073	1.818	165	57.847	5,248	7.841	71,141	41,150
1935	428	1.818	8	56.889	243	7.687	3,290	1,868
1936	19,345	1.818	352	55.921	10,818	7.646	147,912	82,714
1937	27,114	1.818	493	54.941	14,897	7.042	190,937	104,905
1938	17,293	1.818	314	53.949	9,329	7.105	122,867	66,283
1939	11,294	1.818	205	52.946	5,980	7.141	80,650	42,703
1940	22,791	1.818	414	51.932	11,836	7.120	162,272	84,272
1941	27,845	1.818	506	50.905	14,174	7.105	197,839	100,706
1942	2,971	1.818	54	49.868	1,482	6.924	20,571	10,261
1943	15,116	1.818	275	48.819	7,379	7.063	106,764	52,118
1944	892	1.818	16	47.760	426	7.207	6,429	3,070
1945	7,177	1.818	130	46.689	3,351	7.049	50,591	23,621
1946	5,342	1.818	97	45.607	2,436	5.786	30,909	14,095
1947	264	1.818	5	44.514	118	4.914	1,297	580
1948	15,240	1.818	277	43.411	6,616	4.660	71,018	30,831
1949	28,216	1.818	513	42.298	11,935	4.682	132,107	55,880
1950	74,178	1.818	1,349	41.175	30,543	4.415	327,496	134,847
1951	71,885	1.818	1,307	40.042	28,784	4.042	290,559	116,345
1952	1,143	1.818	21	38.899	445	3.850	4,401	1,713
1953	65,031	1.818	1,182	37.747	24,547	3.558	231,380	87,338
1954	817	1.818	15	36.587	299	3.493	2,854	1,044
1955	74,431	1.818	1,353	35.418	26,362	3.242	241,305	85,466
1956	71,808	1.818	1,305	34.240	24,587	2.909	208,889	71,524
1957	122,380	1.818	2,225	33.055	40,453	2.932	358,818	118,608
1958	16,159	1.818	294	31.862	5,149	2.926	47,281	15,066
1959	1,573	1.818	29	30.662	482	2.794	4,395	1,347
1960	1,115	1.818	20	29.455	328	2.815	3,139	923
1961	30,403	1.818	553	28.242	8,586	2.975	90,449	25,543
1962	244	1.818	4	27.022	66	3.035	741	200
1963	47,876	1.818	870	25.797	12,351	3.061	146,548	37,806
1967	6,293	1.818	114	20.845	1,312	2.484	15,632	3,259
1969	2,359	1.818	43	18.338	433	2.294	5,412	993
1970	127,768	1.818	2,323	17.077	21,819	2.199	280,962	47,980
1971	13,879	1.818	252	15.811	2,194	2.050	28,452	4,498
1973	138,263	1.818	2,514	13.260	18,334	1.909	263,944	35,000

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

T 3340 ACCESSORY ELECTRIC EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

T GROUP PROCEDURE IOWA CURVE R1- 55

ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
96,776	1.818	1,759	10.685	10,341	1.565	151,454	16,184
4,198	1.818	76	9.388	394	1.474	6,188	581
33,023	1.818	600	8.085	2,670	1.359	44,878	3,629
52,609	1.818	956	5.456	2,870	1.195	62,868	3,430
650,738	1.818	11,830	4.131	26,882	1.092	710,606	29,355
103,106	1.818	1,874	1.459	1,504	1.000	103,106	1,504
2,871,339	1.818	52,196		978,433		13,243,272	7,245,123

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3352 MISC POWER PLANT EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	52,973	1.538	815	69.064	36,585	19.670	1,041,979	719,627
1911	6,244	1.538	96	68.375	4,269	19.946	124,543	85,149
1912	12,697	1.538	195	67.678	8,593	19.227	244,125	165,218
1913	4,004	1.538	62	66.974	2,682	18.048	72,264	48,405
1914	3,984	1.538	61	66.262	2,640	17.785	70,855	46,952
1915	72	1.538	1	65.543	47	16.046	1,155	754
1916	348	1.538	5	64.815	226	13.747	4,784	3,107
1917	98	1.538	2	64.080	63	10.552	1,034	665
1918	203	1.538	3	63.337	129	8.192	1,663	1,057
1919	1,189	1.538	18	62.586	744	7.534	8,958	5,605
1920	576	1.538	9	61.827	356	7.340	4,228	2,613
1921	541	1.538	8	61.059	330	7.753	4,194	2,558
1922	474	1.538	7	60.284	286	8.995	4,264	2,573
1923	4,666	1.538	72	59.500	2,776	8.801	41,065	24,432
1924	2,873	1.538	44	58.708	1,687	8.782	25,231	14,815
1925	6,997	1.538	108	57.908	4,052	8.901	62,280	36,067
1926	61,548	1.538	947	57.100	35,144	8.855	545,008	311,200
1927	2,225	1.538	34	56.283	1,252	8.720	19,402	10,917
1928	21,286	1.538	327	55.458	11,805	8.675	184,656	102,408
1929	5,986	1.538	92	54.625	3,270	8.377	50,145	27,393
1930	17,761	1.538	273	53.784	9,553	9.319	165,515	89,024
1931	4,476	1.538	69	52.934	2,369	9.801	43,869	23,219
1932	3,992	1.538	61	52.076	2,079	10.697	42,702	22,239
1933	1,039	1.538	16	51.210	532	10.875	11,299	5,786
1934	1,452	1.538	22	50.336	731	9.812	14,247	7,173
1935	2,695	1.538	41	49.453	1,333	9.433	25,422	12,574
1936	7,677	1.538	118	48.563	3,728	9.199	70,621	34,294
1937	11,611	1.538	179	47.665	5,534	8.537	99,123	47,244
1938	10,741	1.538	165	46.758	5,022	8.702	93,468	43,701
1939	11,484	1.538	177	45.844	5,265	8.579	98,521	45,168
1940	1,942	1.538	30	44.923	872	8.345	16,206	7,277
1941	3,129	1.538	48	43.993	1,377	7.782	24,350	10,716
1942	1,508	1.538	23	43.056	649	7.725	11,649	5,014
1943	9,860	1.538	152	42.112	4,152	7.588	74,818	31,505
1944	4,928	1.538	76	41.161	2,028	7.508	36,999	15,226
1945	95	1.538	1	40.203	38	7.410	704	282
1946	14,165	1.538	218	39.238	5,558	6.659	94,325	37,011
1947	4,677	1.538	72	38.266	1,790	5.598	26,182	10,020
1948	4,304	1.538	66	37.288	1,605	5.240	22,553	8,410
1949	2,875	1.538	44	36.303	1,044	5.152	14,812	5,379
1950	2,980	1.538	46	35.313	1,052	4.886	14,560	5,140
1951	2,423	1.538	37	34.316	831	4.521	10,954	3,757
1952	6,130	1.538	94	33.314	2,042	4.324	26,506	8,830
1954	3,108	1.538	48	31.294	973	4.036	12,544	3,927
1955	1,010	1.538	16	30.276	306	3.836	3,874	1,174
1956	4,513	1.538	69	29.253	1,320	3.533	15,944	4,664
1957	234	1.538	4	28.226	66	3.446	806	227
1958	477	1.538	7	27.195	130	3.405	1,624	443
1959	446	1.538	7	26.159	117	3.274	1,460	383
1960	2,506	1.538	39	25.120	630	3.214	8,054	2,025
1962	4,926	1.538	76	23.030	1,134	3.191	15,719	3,619
1963	1,773	1.538	27	21.979	390	3.164	5,610	1,234
1964	11,673	1.538	180	20.925	2,443	3.124	36,466	7,632
1965	100	1.538	2	19.867	20	3.034	303	61
1966	12,145	1.538	187	18.806	2,284	2.877	34,941	6,571
1967	3,495	1.538	54	17.741	620	2.767	9,671	1,716
1969	2,376	1.538	37	15.599	371	2.550	6,059	946
1970	878	1.538	14	14.522	128	2.409	2,115	308
1972	387	1.538	6	12.356	48	2.161	836	104

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3352 MISC POWER PLANT EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1973	67,911	1.538	1,044	11.266	7,651	2.077	141,051	15,891
1974	28,307	1.538	435	10.171	2,879	1.812	51,292	5,217
1975	61,281	1.538	943	9.072	5,559	1.582	96,947	8,794
1976	20,782	1.538	320	7.968	1,656	1.489	30,944	2,466
1977	657	1.538	10	6.859	45	1.392	915	63
1978	1,480	1.538	23	5.744	85	1.298	1,921	110
1979	11,733	1.538	180	4.625	543	1.203	14,115	653
1980	82,655	1.538	1,271	3.501	2,894	1.091	90,177	3,157
1981	29,972	1.538	461	2.371	711	1.000	29,972	711
1982	151,027	1.538	2,323	1.235	1,865	1.000	151,027	1,865
ASL TOTAL	826,780	1.538	12,717		210,988		4,315,625	2,164,465

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3354 MISC POWER PLANT EQUIP-REC FAC DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 15

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1951	1,687	6.667	112	100.000	1,687	4.521	7,627	7,627
1966	4,068	6.667	271	69.649	2,833	2.877	11,704	8,151
1967	47,399	6.667	3,160	66.645	31,589	2.767	131,153	87,407
1968	4,658	6.667	311	63.495	2,958	2.681	12,488	7,930
1969	13,449	6.667	897	60.196	8,096	2.550	34,295	20,645
1970	6,545	6.667	436	56.743	3,714	2.409	15,767	8,947
1971	4,838	6.667	323	53.134	2,571	2.266	10,963	5,826
1972	13,148	6.667	877	49.371	6,491	2.161	28,413	14,027
1973	10,474	6.667	698	45.457	4,761	2.077	21,754	9,889
1974	7,395	6.667	493	41.400	3,062	1.812	13,400	5,548
1980	4,354	6.667	290	14.810	645	1.091	4,750	704
1981	3,463	6.667	231	10.098	350	1.000	3,463	350
ASL TOTAL	121,478	6.667	8,099		68,757		295,777	177,051

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3360 ROADS RAILROADS AND BRIDGES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4-100

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	123	1.000	1	68.165	84	43.818	5,390	3,681
1911	685	1.000	7	67.404	462	41.962	28,744	19,386
1912	955	1.000	10	66.636	636	41.962	40,074	26,688
1926	139,306	1.000	1,393	55.115	76,779	16.052	2,236,140	1,232,457
1936	476	1.000	5	46.118	220	18.891	8,992	4,156
1947	262	1.000	3	35.702	94	9.435	2,472	887
1971	34,755	1.000	348	12.060	4,191	2.262	78,616	9,480
1974	89,866	1.000	899	9.070	8,151	1.803	162,028	14,696
ASL TOTAL	266,428	1.000	2,666		90,617		2,562,456	1,311,431

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3502 LAND DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1909	764					1.000	764	
1913	10,487					1.000	10,487	
1915	1,821					1.000	1,821	
1919	15					1.000	15	
1923	5,759					1.000	5,759	
1924	29,608					1.000	29,608	
1926	10,578					1.000	10,578	
1927	1,074					1.000	1,074	
1928	29,665					1.000	29,665	
1929	2,540					1.000	2,540	
1930	2,848					1.000	2,848	
1932	19,520					1.000	19,520	
1933	12,902					1.000	12,902	
1934	246					1.000	246	
1935	41,656					1.000	41,656	
1937	32,851					1.000	32,851	
1938	2,916					1.000	2,916	
1939	2,659					1.000	2,659	
1940	1,530					1.000	1,530	
1942	9,835					1.000	9,835	
1945	3,661					1.000	3,661	
1949	19,591					1.000	19,591	
1951	4,876					1.000	4,876	
1953	275,215					1.000	275,215	
1954	105,957					1.000	105,957	
1955	13,470					1.000	13,470	
1956	49,560					1.000	49,560	
1958	74,931					1.000	74,931	
1960	1,159					1.000	1,159	
1961	21,997					1.000	21,997	
1963	13,202					1.000	13,202	
1965	7,818					1.000	7,818	
1966	44,667					1.000	44,667	
1967	361,132					1.000	361,132	
1968	367,407					1.000	367,407	
1969	58,959					1.000	58,959	
1970	192,968					1.000	192,968	
1971	255,439					1.000	255,439	
1972	270,499					1.000	270,499	
1973	169,478					1.000	169,478	
1974	204,622					1.000	204,622	
1975	6,893					1.000	6,893	
1976	172,391					1.000	172,391	
1977	174					1.000	174	
1978	39,614					1.000	39,614	
1979	10,608					1.000	10,608	
1980	8,699					1.000	8,699	
1981	828,384					1.000	828,384	
1982	93					1.000	93	
1983	53,916					1.000	53,916	
TOTAL	3,856,654						3,856,654	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3504 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 80

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	215,168	1.250	2,690	66.845	143,829	1.000	215,168	143,829
1928	101,187	1.250	1,265	64.897	65,667	1.000	101,187	65,667
1929	5,384	1.250	67	63.906	3,441	1.000	5,384	3,441
1930	2,444	1.250	31	62.903	1,537	1.000	2,444	1,537
1932	995	1.250	12	60.862	606	1.000	995	606
1933	191,518	1.250	2,394	59.825	114,576	1.000	191,518	114,576
1934	2,142	1.250	27	58.776	1,259	1.000	2,142	1,259
1935	821	1.250	10	57.717	474	1.000	821	474
1937	249,669	1.250	3,121	55.568	138,736	1.000	249,669	138,736
1938	3,290	1.250	41	54.478	1,792	1.000	3,290	1,792
1939	90	1.250	1	53.379	48	1.000	90	48
1940	5,493	1.250	69	52.270	2,871	1.000	5,493	2,871
1941	6,141	1.250	77	51.153	3,141	1.000	6,141	3,141
1942	305	1.250	4	50.026	153	1.000	305	153
1943	927	1.250	12	48.891	453	1.000	927	453
1947	63	1.250	1	44.277	28	1.000	63	28
1949	3,801	1.250	48	41.930	1,594	1.000	3,801	1,594
1952	122,438	1.250	1,530	38.365	46,973	1.000	122,438	46,973
1953	271	1.250	3	37.166	101	1.000	271	101
1954	91,979	1.250	1,150	35.963	33,078	1.000	91,979	33,078
1955	256,704	1.250	3,209	34.756	89,220	1.000	256,704	89,220
1956	89,493	1.250	1,119	33.545	30,020	1.000	89,493	30,020
1958	553,741	1.250	6,922	31.112	172,280	1.000	553,741	172,280
1960	8,504	1.250	106	28.666	2,438	1.000	8,504	2,438
1961	186,417	1.250	2,330	27.440	51,153	1.000	186,417	51,153
1963	96,917	1.250	1,211	24.979	24,209	1.000	96,917	24,209
1964	529,009	1.250	6,613	23.745	125,613	1.000	529,009	125,613
1965	311,925	1.250	3,899	22.510	70,214	1.000	311,925	70,214
1966	218,640	1.250	2,733	21.273	46,511	1.000	218,640	46,511
1967	1,895,595	1.250	23,695	20.035	379,782	1.000	1,895,595	379,782
1968	2,064,916	1.250	25,811	18.795	388,101	1.000	2,064,916	388,101
1969	476,947	1.250	5,962	17.554	83,723	1.000	476,947	83,723
1970	1,791,409	1.250	22,393	16.311	292,197	1.000	1,791,409	292,197
1971	1,440,668	1.250	18,008	15.068	217,080	1.000	1,440,668	217,080
1972	687,829	1.250	8,598	13.824	95,085	1.000	687,829	95,085
1973	1,873,508	1.250	23,419	12.579	235,669	1.000	1,873,508	235,669
1974	374,877	1.250	4,686	11.334	42,489	1.000	374,877	42,489
1975	384,256	1.250	4,803	10.088	38,764	1.000	384,256	38,764
1976	1,962,565	1.250	24,532	8.841	173,510	1.000	1,962,565	173,510
1977	367	1.250	5	7.594	28	1.000	367	28
1978	958,076	1.250	11,976	6.346	60,800	1.000	958,076	60,800
1979	4,388	1.250	55	5.098	224	1.000	4,388	224
1980	575,399	1.250	7,192	3.850	22,153	1.000	575,399	22,153
1981	2,370,142	1.250	29,627	2.602	61,671	1.000	2,370,142	61,671
ASL								
TOTAL	20,116,418	1.250	251,457		3,263,291		20,116,418	3,263,291

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3520 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	18	1.538	0	84.940	15	24.731	445	371
1911	10	1.538	0	84.381	8	24.917	249	199
1912	66	1.538	1	83.801	55	24.503	1,617	1,348
1913	71,436	1.538	1,099	83.201	59,435	23.589	1,685,104	1,402,012
1914	49	1.538	1	82.580	40	23.801	1,166	952
1921	21	1.538	0	77.614	16	14.083	296	225
1922	845	1.538	13	76.814	649	14.740	12,455	9,566
1923	4,949	1.538	76	75.993	3,761	13.388	66,257	50,352
1924	280,467	1.538	4,314	75.149	210,768	13.307	3,732,174	2,804,690
1925	1,025	1.538	16	74.284	761	13.442	13,778	10,229
1926	120,381	1.538	1,851	73.397	88,356	13.136	1,581,325	1,160,644
1927	74,242	1.538	1,142	72.490	53,818	13.347	990,908	718,309
1928	149,941	1.538	2,306	71.562	107,301	13.663	2,048,644	1,466,054
1929	88,350	1.538	1,359	70.614	62,387	13.621	1,203,415	849,773
1930	30,579	1.538	470	69.647	21,297	14.024	428,840	298,669
1931	2,340	1.538	36	68.661	1,607	14.707	34,414	23,634
1932	16,943	1.538	261	67.657	11,463	15.178	257,161	173,985
1935	139,117	1.538	2,140	64.539	89,785	14.234	1,980,191	1,278,000
1936	5,294	1.538	81	63.466	3,360	13.994	74,084	47,020
1937	82,600	1.538	1,270	62.378	51,524	13.281	1,097,011	684,290
1938	32,189	1.538	495	61.274	19,723	13.294	427,921	262,198
1939	290	1.538	4	60.154	174	13.281	3,851	2,311
1940	16,614	1.538	256	59.021	9,806	12.894	214,221	126,439
1941	3,455	1.538	53	57.873	2,000	12.482	43,125	24,964
1942	13,661	1.538	210	56.711	7,747	10.710	146,309	82,970
1943	4,154	1.538	64	55.536	2,307	10.449	43,405	24,106
1944	14,363	1.538	221	54.347	7,806	10.255	147,293	80,051
1946	525	1.538	8	51.931	273	8.612	4,521	2,351
1947	31,291	1.538	481	50.703	15,865	7.840	245,321	124,382
1948	113,864	1.538	1,751	49.464	56,322	7.265	827,222	409,179
1949	537,594	1.538	8,268	48.212	259,185	6.835	3,674,455	1,771,529
1950	4,802	1.538	74	46.948	2,254	6.403	30,747	14,432
1951	147,116	1.538	2,263	45.673	67,192	5.513	811,051	370,429
1952	139,689	1.538	2,148	44.385	62,001	5.141	718,141	318,747
1953	516,150	1.538	7,938	43.087	222,394	4.799	2,477,004	1,067,269
1954	447,399	1.538	6,881	41.777	186,910	4.852	2,170,780	906,887
1955	38,779	1.538	596	40.456	15,688	4.546	176,289	71,318
1956	178,372	1.538	2,743	39.125	69,783	4.360	777,702	304,276
1957	34,234	1.538	527	37.783	12,935	4.216	144,331	54,534
1958	44,206	1.538	680	36.431	16,105	4.014	177,443	64,645
1959	7,465	1.538	115	35.069	2,618	3.850	28,740	10,079
1960	10,345	1.538	159	33.697	3,486	3.792	39,228	13,219
1961	199,762	1.538	3,072	32.315	64,553	3.743	747,709	241,622
1962	1,687	1.538	26	30.925	522	3.688	6,222	1,925
1964	39,396	1.538	606	28.117	11,077	3.617	142,495	40,066
1965	31,543	1.538	485	26.700	8,422	3.415	107,719	28,761
1966	187,622	1.538	2,886	25.275	47,421	2.989	560,802	141,741
1967	803,295	1.538	12,355	23.842	191,522	2.900	2,329,555	555,414
1968	510,592	1.538	7,853	22.402	114,383	2.819	1,439,359	322,446
1969	347,647	1.538	5,347	20.955	72,849	2.540	883,023	185,036
1970	807,431	1.538	12,418	19.501	157,457	2.501	2,019,385	393,800
1971	817,294	1.538	12,570	18.041	147,448	2.253	1,841,363	332,200
1972	1,078,565	1.538	16,588	16.574	178,761	2.079	2,242,337	371,644
1973	746,559	1.538	11,482	15.102	112,745	1.964	1,466,242	221,431
1974	786,039	1.538	12,089	13.624	107,090	1.638	1,287,532	175,413
1975	440,464	1.538	6,774	12.141	53,477	1.504	662,458	80,429
1976	564,038	1.538	8,675	10.653	60,087	1.447	816,163	86,946
1977	557,791	1.538	8,579	9.161	51,099	1.353	754,691	69,137
1978	3,883	1.538	60	7.664	298	1.249	4,850	372

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3520 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 65

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1979	628,715	1.538	9,670	6.163	38,748	1.164	731,824	45,103
1980	1,241,609	1.538	19,096	4.659	57,847	1.070	1,328,522	61,896
1981	1,463,173	1.538	22,504	3.151	46,105	1.000	1,463,173	46,105
1982	1,515,002	1.538	23,301	1.640	24,846	1.000	1,515,002	24,846
1983	159,910	1.538	2,459	0.442	707	1.000	159,910	707
ASL TOTAL	16,337,247	1.538	251,266		3,356,449		51,048,970	20,513,677

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3530 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 50

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	6,801	2.000	136	84.576	5,752	10.783	73,335	62,024
1911	6,021	2.000	120	83.938	5,054	11.036	66,448	55,776
1912	2,254	2.000	45	83.294	1,877	10.563	23,809	19,827
1913	18,630	2.000	373	82.643	15,396	10.584	197,180	162,951
1914	2,155	2.000	43	81.986	1,767	10.851	23,384	19,174
1916	322	2.000	6	80.651	260	8.215	2,645	2,136
1917	1,424	2.000	28	79.973	1,139	6.730	9,584	7,665
1918	229	2.000	5	79.288	182	6.281	1,438	1,143
1919	713	2.000	14	78.595	560	6.169	4,398	3,455
1920	691	2.000	14	77.894	538	5.448	3,765	2,931
1921	393	2.000	8	77.186	303	6.053	2,379	1,834
1922	26,464	2.000	529	76.469	20,237	6.429	170,137	130,104
1923	135,180	2.000	2,704	75.743	102,389	6.304	852,175	645,460
1924	227,423	2.000	4,548	75.009	170,588	6.258	1,423,213	1,067,540
1925	123,637	2.000	2,473	74.266	91,820	6.327	782,251	580,945
1926	454,101	2.000	9,082	73.513	333,823	6.470	2,938,033	2,159,835
1927	342,118	2.000	6,842	72.751	248,894	6.618	2,264,137	1,647,180
1928	302,582	2.000	6,052	71.979	217,795	6.670	2,018,222	1,452,693
1929	584,829	2.000	11,697	71.197	416,381	6.382	3,732,379	2,657,344
1930	287,787	2.000	5,756	70.404	202,614	6.461	1,859,392	1,309,089
1931	237,233	2.000	4,745	69.600	165,114	6.695	1,588,275	1,105,438
1932	37,788	2.000	756	68.785	25,992	6.828	258,016	177,473
1933	2,276	2.000	46	67.958	1,547	6.429	14,632	9,946
1934	60,115	2.000	1,202	67.119	40,349	5.776	347,224	233,056
1935	803,315	2.000	16,066	66.268	532,341	5.632	4,524,270	2,998,145
1936	28,512	2.000	570	65.404	18,648	5.595	159,525	104,336
1937	363,226	2.000	7,265	64.526	234,375	5.176	1,880,058	1,213,125
1938	218,305	2.000	4,366	63.635	138,918	5.145	1,123,179	714,733
1939	23,163	2.000	463	62.730	14,530	5.140	119,058	74,684
1940	25,377	2.000	508	61.810	15,686	5.134	130,286	80,532
1941	82,558	2.000	1,651	60.875	50,257	5.129	423,440	257,768
1942	165,687	2.000	3,314	59.924	99,286	5.114	847,323	507,749
1943	30,219	2.000	604	58.957	17,816	5.238	158,287	93,320
1944	31,700	2.000	634	57.974	18,378	5.419	171,782	99,590
1945	25,371	2.000	507	56.973	14,455	5.374	136,344	77,681
1946	10,909	2.000	218	55.954	6,104	4.401	48,011	26,864
1947	221,585	2.000	4,432	54.917	121,688	3.673	813,882	446,950
1948	1,145,916	2.000	22,918	53.860	617,190	3.434	3,935,076	2,119,430
1949	2,622,612	2.000	52,452	52.784	1,384,320	3.330	8,733,298	4,609,786
1950	299,826	2.000	5,997	51.688	154,974	3.064	918,667	474,840
1951	1,999,871	2.000	39,997	50.571	1,011,355	2.787	5,573,640	2,818,646
1952	738,939	2.000	14,779	49.432	365,272	2.757	2,037,255	1,007,055
1953	4,166,964	2.000	83,339	48.270	2,011,394	2.611	10,879,943	5,251,750
1954	4,772,971	2.000	95,459	47.086	2,247,401	2.580	12,314,265	5,798,295
1955	375,572	2.000	7,511	45.877	172,301	2.498	938,179	430,408
1956	2,596,819	2.000	51,936	44.644	1,159,324	2.261	5,871,408	2,621,232
1957	407,422	2.000	8,148	43.386	176,764	2.160	880,032	381,810
1958	726,137	2.000	14,523	42.102	305,718	2.092	1,519,079	639,562
1959	302,080	2.000	6,042	40.790	123,218	2.100	634,368	258,758
1960	229,804	2.000	4,596	39.452	90,662	2.280	523,953	206,709
1961	2,937,139	2.000	58,743	38.085	1,118,609	2.586	7,595,441	2,892,723
1962	108,966	2.000	2,179	36.688	39,977	2.662	290,067	106,419
1963	38,503	2.000	770	35.262	13,577	2.843	109,464	38,599
1964	863,842	2.000	17,277	33.806	292,030	2.721	2,350,514	794,614
1965	904,614	2.000	18,092	32.318	292,353	2.519	2,278,723	736,437
1966	2,053,699	2.000	41,074	30.799	632,519	2.381	4,889,857	1,506,028
1967	8,922,228	2.000	178,445	29.247	2,609,484	2.261	20,173,158	5,900,043
1968	4,406,714	2.000	88,134	27.663	1,219,029	2.168	9,553,756	2,642,855
1969	5,143,260	2.000	102,865	26.046	1,339,613	2.100	10,800,846	2,813,187

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3530 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 50

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	10,428,539	2.000	208,571	24.395	2,544,042	2.072	21,607,933	5,271,255
1971	8,384,549	2.000	167,691	22.710	1,904,131	2.010	16,852,943	3,827,303
1972	7,353,924	2.000	147,078	20.992	1,543,736	1.990	14,634,309	3,072,035
1973	10,422,697	2.000	208,454	19.241	2,005,431	1.986	20,699,476	3,982,786
1974	8,089,426	2.000	161,789	17.457	1,412,171	1.815	14,682,308	2,563,090
1975	8,399,345	2.000	167,987	15.641	1,313,742	1.564	13,136,576	2,054,692
1976	7,839,765	2.000	156,795	13.793	1,081,339	1.407	11,030,549	1,521,444
1977	9,031,892	2.000	180,638	11.916	1,076,240	1.315	11,876,938	1,415,256
1978	2,355,577	2.000	47,112	10.010	235,793	1.282	3,019,850	302,287
1979	4,789,116	2.000	95,782	8.079	386,913	1.202	5,756,517	465,069
1980	10,005,199	2.000	200,124	6.125	612,880	1.085	10,856,726	664,975
1981	18,861,695	2.000	377,234	4.151	782,949	1.000	18,861,695	782,949
1982	22,495,092	2.000	449,902	2.163	486,569	1.000	22,495,092	486,569
1983	14,897,123	2.000	297,942	0.583	86,850	1.000	14,897,123	86,850
ASL TOTAL	194,009,930	2.000	3,880,197		36,202,723		342,400,920	90,756,252

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3540 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 45

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	787,860	2.222	17,506	89.384	704,221	12.090	9,525,227	8,514,032
1927	2,644	2.222	59	88.770	2,347	10.894	28,804	25,568
1928	263,499	2.222	5,855	88.135	232,235	11.153	2,938,804	2,590,117
1929	49,790	2.222	1,106	87.475	43,554	13.031	648,813	567,552
1930	659	2.222	15	86.787	572	13.172	8,680	7,534
1933	123,954	2.222	2,754	84.516	104,761	12.397	1,536,658	1,298,722
1937	88,261	2.222	1,961	80.911	71,413	12.224	1,078,902	872,953
1938	15,821	2.222	352	79.895	12,640	12.224	193,396	154,511
1940	16,708	2.222	371	77.722	12,986	12.224	204,239	158,741
1941	43,474	2.222	966	76.566	33,286	12.224	531,426	406,888
1949	855,105	2.222	19,000	65.745	562,189	5.690	4,865,547	3,198,855
1952	996,217	2.222	22,136	61.064	608,330	4.482	4,465,045	2,726,535
1953	518,319	2.222	11,517	59.439	308,084	4.219	2,186,788	1,299,806
1954	1,038,921	2.222	23,085	57.784	600,330	4.364	4,533,851	2,619,840
1955	53,416	2.222	1,187	56.101	29,967	4.203	224,507	125,951
1956	893,528	2.222	19,854	54.389	485,981	3.900	3,484,759	1,895,326
1958	821,663	2.222	18,257	50.883	418,087	3.603	2,960,452	1,506,367
1960	786,442	2.222	17,475	47.275	371,790	3.466	2,725,808	1,288,624
1961	758,371	2.222	16,851	45.433	344,551	3.481	2,639,889	1,199,382
1964	811,419	2.222	18,030	39.766	322,669	3.574	2,900,012	1,153,219
1965	1,073,694	2.222	23,857	37.832	406,200	3.417	3,668,812	1,387,985
1966	330,132	2.222	7,336	35.876	118,438	2.863	945,168	339,088
1967	8,577,108	2.222	190,583	33.899	2,907,554	2.852	24,461,912	8,292,344
1968	6,972,072	2.222	154,919	31.903	2,224,300	2.827	19,710,048	6,288,096
1969	2,973,998	2.222	66,082	29.887	888,839	2.479	7,372,541	2,203,432
1970	5,781,677	2.222	128,469	27.854	1,610,428	2.525	14,598,734	4,066,331
1971	9,735,384	2.222	216,320	25.802	2,511,924	2.318	22,566,620	5,822,640
1972	4,027,560	2.222	89,492	23.735	955,941	2.187	8,808,274	2,090,643
1973	9,650,826	2.222	214,441	21.652	2,089,597	2.050	19,784,193	4,283,674
1974	724,423	2.222	16,097	19.554	141,654	1.571	1,138,069	222,538
1975	2,837,445	2.222	63,048	17.443	494,936	1.432	4,063,221	708,748
1976	6,334,959	2.222	140,763	15.320	970,516	1.427	9,039,986	1,384,926
1978	2,935,011	2.222	65,216	11.039	323,996	1.243	3,648,219	402,727
1979	1,762,336	2.222	39,159	8.883	156,548	1.149	2,024,924	179,674
1980	10,619,233	2.222	235,959	6.719	713,506	1.054	11,192,672	752,035
1981	23,003,194	2.222	511,131	4.547	1,045,955	1.000	23,003,194	1,045,955
1982	1,143,696	2.222	25,413	2.367	27,071	1.000	1,143,696	27,071
ASL TOTAL	107,408,819	2.222	2,386,622		22,857,396		224,851,890	71,108,630

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3542 CLEARING LAND AND R/W - TOWERS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 50

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	98,278	2.000	1,966	85.543	84,070	18.336	1,802,025	1,541,508
1928	21,145	2.000	423	84.104	17,784	20.185	426,812	358,970
1929	3,059	2.000	61	83.334	2,549	20.185	61,746	51,452
1930	2,029	2.000	41	82.529	1,675	21.011	42,631	35,193
1933	15,122	2.000	302	79.892	12,081	21.011	317,728	253,834
1937	23,760	2.000	475	75.844	18,021	19.015	451,796	342,669
1941	4,623	2.000	92	71.207	3,292	19.015	87,906	62,597
1946	5,612	2.000	112	64.671	3,629	10.658	59,813	38,678
1947	2,479	2.000	50	63.276	1,569	9.662	23,952	15,160
1949	110,548	2.000	2,211	60.407	66,779	8.469	936,231	565,551
1952	119,448	2.000	2,389	55.919	66,794	6.669	796,599	445,449
1953	87,646	2.000	1,753	54.376	47,658	6.226	545,684	296,719
1954	193,845	2.000	3,877	52.812	102,373	5.994	1,161,907	613,624
1955	49,666	2.000	993	51.226	25,442	5.772	286,672	146,851
1956	175,574	2.000	3,511	49.619	87,118	5.443	955,649	474,183
1958	18,454	2.000	369	46.343	8,552	4.953	91,403	42,358
1960	22,958	2.000	459	42.988	9,873	4.503	103,425	44,458
1961	82,404	2.000	1,648	41.283	34,019	4.337	357,386	147,540
1963	4,571	2.000	91	37.816	1,729	4.011	18,334	6,935
1964	31,681	2.000	634	36.057	11,423	3.895	123,397	44,493
1965	71,810	2.000	1,436	34.281	24,617	3.599	258,444	88,597
1966	4,820	2.000	96	32.488	1,566	3.344	16,118	5,237
1967	809,401	2.000	16,188	30.680	248,324	3.079	2,492,146	764,590
1968	147,966	2.000	2,959	28.857	42,699	2.923	432,505	124,809
1969	79,144	2.000	1,583	27.019	21,384	2.730	216,063	58,378
1970	206,895	2.000	4,138	25.167	52,069	2.548	527,168	132,672
1971	416,012	2.000	8,320	23.303	96,943	2.267	943,099	219,770
1972	203,810	2.000	4,076	21.426	43,668	2.044	416,588	89,257
1973	454,239	2.000	9,085	19.537	88,745	1.960	890,308	173,940
1974	8,840	2.000	177	17.638	1,559	1.806	15,965	2,816
1975	41,903	2.000	838	15.728	6,591	1.631	68,344	10,750
1976	65,419	2.000	1,308	13.809	9,034	1.484	97,082	13,406
1978	39	2.000	1	9.945	4	1.272	50	5
1979	54,787	2.000	1,096	8.001	4,384	1.197	65,580	5,248
1980	1,370,020	2.000	27,400	6.050	82,886	1.094	1,498,802	90,677
1981	2,191,151	2.000	43,823	4.094	89,706	1.000	2,191,151	89,706
1982	33,260	2.000	665	2.131	709	1.000	33,260	709
1983	205,535	2.000	4,111	0.574	1,180	1.000	205,535	1,180
ASL TOTAL	7,437,963	2.000	148,757		1,422,498		19,019,304	7,399,969

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3550 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1937	33	2.500	1	85.882	28	12.131	400	340
1953	55	2.500	1	65.381	36	4.858	267	175
1954	115	2.500	3	63.651	73	4.939	568	361
1959	46,051	2.500	1,151	54.405	25,054	4.303	198,157	107,807
1966	106,201	2.500	2,655	40.025	42,507	3.667	389,439	155,873
1968	8,562	2.500	214	35.649	3,052	3.365	28,811	10,270
1969	751	2.500	19	33.422	251	3.195	2,399	802
1972	29,047	2.500	726	26.594	7,725	2.460	71,456	19,003
1973	35,972	2.500	899	24.274	8,732	2.190	78,779	19,123
1974	4,540	2.500	113	21.934	996	1.947	8,839	1,939
1975	70,106	2.500	1,753	19.576	13,724	1.730	121,283	23,743
1976	70,342	2.500	1,759	17.200	12,099	1.573	110,648	19,032
1978	850,652	2.500	21,266	12.403	105,506	1.331	1,132,218	140,428
1979	86,340	2.500	2,158	9.984	8,620	1.235	106,630	10,646
1980	173,614	2.500	4,340	7.554	13,115	1.139	197,746	14,938
1981	45,695	2.500	1,142	5.113	2,336	1.000	45,695	2,336
ASL TOTAL	1,528,076	2.500	38,200		243,854		2,493,335	526,816

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3552 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1966	12,004	2.500	300	40.025	4,805	3.344	40,141	16,068
1968	7,350	2.500	184	35.649	2,620	2.923	21,484	7,658
1973	535	2.500	13	24.274	130	1.960	1,049	255
1978	89,236	2.500	2,231	12.403	11,068	1.272	113,508	14,078
1980	7,864	2.500	197	7.554	594	1.094	8,603	650
ASL TOTAL	116,989	2.500	2,925		19,217		184,785	38,709

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3560 OVERHEAD CONDUCTORS & DEVICES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1926	710,477	2.500	17,762	87.999	625,213	7.806	5,545,983	4,880,413
1928	254,904	2.500	6,373	86.508	220,512	7.510	1,914,329	1,656,045
1929	25,621	2.500	641	85.745	21,969	6.958	178,271	152,860
1930	19,106	2.500	478	84.967	16,234	7.951	151,912	129,077
1931	1,012	2.500	25	84.171	852	9.403	9,516	8,011
1933	140,871	2.500	3,522	82.516	116,241	10.549	1,486,048	1,226,226
1936	741	2.500	19	79.834	592	9.068	6,719	5,368
1937	118,457	2.500	2,961	78.879	93,438	8.134	963,529	760,025
1938	3,810	2.500	95	77.891	2,968	9.222	35,136	27,371
1939	19,199	2.500	480	76.869	14,758	9.469	181,795	139,744
1940	19,788	2.500	495	75.812	15,002	9.159	181,238	137,403
1941	30,474	2.500	762	74.719	22,770	8.680	264,514	197,644
1949	492,065	2.500	12,302	64.640	318,071	5.484	2,698,484	1,744,301
1952	507,822	2.500	12,696	60.259	306,008	4.751	2,412,662	1,453,844
1953	272,360	2.500	6,809	58.729	159,954	4.471	1,217,722	715,154
1954	481,499	2.500	12,037	57.166	275,254	4.359	2,098,854	1,199,832
1955	88,980	2.500	2,224	55.569	49,445	4.032	358,767	199,362
1956	392,304	2.500	9,808	53.940	211,609	3.697	1,450,348	782,318
1958	479,062	2.500	11,977	50.539	242,353	3.751	1,796,962	909,066
1959	39,794	2.500	995	48.868	19,447	3.693	146,959	71,818
1960	154,284	2.500	3,857	47.118	72,696	3.654	563,754	265,631
1961	335,312	2.500	8,383	45.338	152,024	3.650	1,223,889	554,808
1963	1,349	2.500	34	41.697	562	3.726	5,026	2,094
1964	373,596	2.500	9,340	39.836	148,826	3.578	1,336,726	532,499
1965	451,941	2.500	11,299	37.949	171,507	3.271	1,478,299	560,999
1966	219,777	2.500	5,494	36.035	79,199	3.010	661,529	238,389
1967	7,220,154	2.500	180,504	34.099	2,462,000	2.865	20,685,741	7,053,630
1968	3,984,504	2.500	99,613	32.137	1,280,500	2.799	11,152,627	3,584,119
1969	849,066	2.500	21,227	30.152	256,010	2.604	2,210,968	666,650
1970	2,027,057	2.500	50,676	28.143	570,475	2.519	5,106,157	1,437,027
1971	3,438,417	2.500	85,960	26.112	897,839	2.287	7,863,660	2,053,358
1972	2,300,539	2.500	57,513	24.060	553,510	2.071	4,764,416	1,146,319
1973	5,009,102	2.500	125,228	21.985	1,101,251	1.949	9,762,740	2,146,338
1974	427,732	2.500	10,693	19.890	85,076	1.761	753,236	149,819
1975	2,164,805	2.500	54,120	17.775	384,794	1.574	3,407,403	605,666
1976	4,922,427	2.500	123,061	15.640	769,868	1.442	7,098,140	1,110,150
1978	1,350,228	2.500	33,756	11.312	152,738	1.245	1,681,034	190,159
1979	470,390	2.500	11,760	9.121	42,904	1.165	548,004	49,983
1980	8,651,408	2.500	216,285	6.912	597,985	1.069	9,248,355	639,246
1981	13,585,258	2.500	339,631	4.687	636,741	1.000	13,585,258	636,741
1982	677,941	2.500	16,949	2.445	16,576	1.000	677,941	16,576
1983	168,143	2.500	4,204	0.660	1,110	1.000	168,143	1,110
ASL TOTAL	62,881,776	2.500	1,572,048		13,166,881		127,082,794	40,037,273

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3590 ROADS AND TRAILS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1925	32	1.667	1	83.783	27	17.214	551	465
1926	2,376	1.667	40	82.899	1,970	16.052	38,140	31,622
1943	7,925	1.667	132	63.264	5,014	13.190	104,531	66,135
1944	2,050	1.667	34	61.915	1,269	13.190	27,039	16,738
1949	273	1.667	5	54.871	150	8.283	2,261	1,242
1956	40,565	1.667	676	44.309	17,974	5.387	218,524	96,826
1961	17,307	1.667	289	36.398	6,299	4.271	73,918	26,903
1964	7,033	1.667	117	31.552	2,219	3.837	26,986	8,514
1965	15,298	1.667	255	29.924	4,578	3.556	54,400	16,279
1967	124,867	1.667	2,082	26.654	33,282	3.066	382,842	102,043
1968	45,340	1.667	756	25.013	11,341	2.909	131,894	32,991
1969	62,444	1.667	1,041	23.368	14,592	2.719	169,785	39,676
1970	205,457	1.667	3,425	21.720	44,625	2.539	521,655	113,303
1971	290,132	1.667	4,837	20.069	58,227	2.262	656,279	131,709
1972	129,976	1.667	2,167	18.415	23,935	2.042	265,411	48,875
1973	437,296	1.667	7,290	16.760	73,291	1.956	855,351	143,357
1975	28,921	1.667	482	13.444	3,888	1.629	47,112	6,334
1976	95,764	1.667	1,596	11.784	11,285	1.484	142,114	16,747
1978	221,593	1.667	3,694	8.460	18,747	1.272	281,866	23,846
1979	12,450	1.667	208	6.797	846	1.196	14,890	1,012
1980	421,545	1.667	7,027	5.133	21,638	1.094	461,170	23,672
1981	916,757	1.667	15,282	3.469	31,802	1.000	916,757	31,802
1982	33,260	1.667	554	1.804	600	1.000	33,260	600
ASL TOTAL	3,118,661	1.667	51,990		387,599		5,426,736	980,691

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3602 LAND DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1888	1					1.000	1	
1890	666					1.000	666	
1891	252					1.000	252	
1892	166					1.000	166	
1893	2,935					1.000	2,935	
1895	763					1.000	763	
1896	543					1.000	543	
1897	1,304					1.000	1,304	
1898	5,252					1.000	5,252	
1902	206					1.000	206	
1903	24,518					1.000	24,518	
1904	1,289					1.000	1,289	
1905	87,235					1.000	87,235	
1906	34,864					1.000	34,864	
1907	1,797					1.000	1,797	
1909	12,206					1.000	12,206	
1910	41,530					1.000	41,530	
1912	9,146					1.000	9,146	
1913	18,458					1.000	18,458	
1914	17,335					1.000	17,335	
1916	8,799					1.000	8,799	
1917	1,344					1.000	1,344	
1918	246					1.000	246	
1919	610					1.000	610	
1920	18,016					1.000	18,016	
1921	5,921					1.000	5,921	
1922	19,091					1.000	19,091	
1923	58,319					1.000	58,319	
1924	45,430					1.000	45,430	
1925	13,458					1.000	13,458	
1926	20,941					1.000	20,941	
1927	44,443					1.000	44,443	
1928	46,171					1.000	46,171	
1929	37,786					1.000	37,786	
1930	40,517					1.000	40,517	
1931	78,870					1.000	78,870	
1932	20,265					1.000	20,265	
1933	33,441					1.000	33,441	
1934	14,474					1.000	14,474	
1935	299,864					1.000	299,864	
1936	758					1.000	758	
1937	11,904					1.000	11,904	
1938	24,386					1.000	24,386	
1939	2,018					1.000	2,018	
1940	10,337					1.000	10,337	
1941	14,666					1.000	14,666	
1942	22,266					1.000	22,266	
1943	12,417					1.000	12,417	
1944	72					1.000	72	
1945	3,188					1.000	3,188	
1946	12,442					1.000	12,442	
1947	38,270					1.000	38,270	
1948	59,289					1.000	59,289	
1949	148,217					1.000	148,217	
1950	79,944					1.000	79,944	
1951	41,555					1.000	41,555	
1952	40,912					1.000	40,912	
1953	56,006					1.000	56,006	
1954	77,698					1.000	77,698	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3602 LAND DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1955	29,830					1.000	29,830	
1956	91,548					1.000	91,548	
1957	33,203					1.000	33,203	
1958	16,308					1.000	16,308	
1959	96,572					1.000	96,572	
1960	9,306					1.000	9,306	
1961	15,118					1.000	15,118	
1962	100,060					1.000	100,060	
1963	136,517					1.000	136,517	
1964	117,358					1.000	117,358	
1965	71,182					1.000	71,182	
1966	46,840					1.000	46,840	
1967	321,068					1.000	321,068	
1968	308,793					1.000	308,793	
1969	282,325					1.000	282,325	
1970	217,218					1.000	217,218	
1971	214,992					1.000	214,992	
1972	243,367					1.000	243,367	
1973	516,522					1.000	516,522	
1974	234,168					1.000	234,168	
1975	293,956					1.000	293,956	
1976	232,248					1.000	232,248	
1977	450,105					1.000	450,105	
1978	74,372					1.000	74,372	
1979	344,516					1.000	344,516	
1980	20,963					1.000	20,963	
1981	1,250					1.000	1,250	
1982	2,882					1.000	2,882	
1983	154,491					1.000	154,491	
TOTAL	6,401,895						6,401,895	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3604 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S3- 41

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1892	1	2.439	0	100.000	1	1.000	1	1
1906	740	2.439	18	99.214	734	1.000	740	734
1910	326	2.439	8	97.203	317	1.000	326	317
1913	30,322	2.439	740	96.248	29,184	1.000	30,322	29,184
1914	81,521	2.439	1,988	95.918	78,193	1.000	81,521	78,193
1915	92	2.439	2	95.570	88	1.000	92	88
1916	21,492	2.439	524	95.221	20,465	1.000	21,492	20,465
1917	36,642	2.439	894	94.854	34,756	1.000	36,642	34,756
1918	5,444	2.439	133	94.481	5,144	1.000	5,444	5,144
1919	25,835	2.439	630	94.095	24,309	1.000	25,835	24,309
1920	17,225	2.439	420	93.699	16,140	1.000	17,225	16,140
1921	966	2.439	24	93.290	901	1.000	966	901
1922	23,280	2.439	568	92.869	21,620	1.000	23,280	21,620
1923	165,308	2.439	4,032	92.439	152,809	1.000	165,308	152,809
1924	38,344	2.439	935	91.990	35,273	1.000	38,344	35,273
1925	23,675	2.439	577	91.530	21,670	1.000	23,675	21,670
1926	52,738	2.439	1,286	91.052	48,019	1.000	52,738	48,019
1927	77,753	2.439	1,896	90.558	70,412	1.000	77,753	70,412
1928	100,939	2.439	2,462	90.047	90,893	1.000	100,939	90,893
1929	71,487	2.439	1,744	89.516	63,992	1.000	71,487	63,992
1930	256,072	2.439	6,246	88.968	227,822	1.000	256,072	227,822
1931	90,766	2.439	2,214	88.397	80,234	1.000	90,766	80,234
1932	62,539	2.439	1,525	87.806	54,913	1.000	62,539	54,913
1933	13,981	2.439	341	87.189	12,190	1.000	13,981	12,190
1934	29,842	2.439	728	86.548	25,828	1.000	29,842	25,828
1935	113,767	2.439	2,775	85.880	97,703	1.000	113,767	97,703
1936	14,690	2.439	358	85.183	12,513	1.000	14,690	12,513
1937	187,270	2.439	4,568	84.457	158,163	1.000	187,270	158,163
1938	20,258	2.439	494	83.697	16,955	1.000	20,258	16,955
1939	17,539	2.439	428	82.905	14,541	1.000	17,539	14,541
1940	66,770	2.439	1,629	82.075	54,801	1.000	66,770	54,801
1941	56,588	2.439	1,380	81.207	45,953	1.000	56,588	45,953
1942	124,655	2.439	3,040	80.298	100,095	1.000	124,655	100,095
1943	40,478	2.439	987	79.346	32,118	1.000	40,478	32,118
1944	19,738	2.439	481	78.348	15,464	1.000	19,738	15,464
1945	34,967	2.439	853	77.302	27,030	1.000	34,967	27,030
1946	53,277	2.439	1,299	76.205	40,600	1.000	53,277	40,600
1947	168,531	2.439	4,110	75.055	126,491	1.000	168,531	126,491
1948	275,119	2.439	6,710	73.849	203,173	1.000	275,119	203,173
1949	141,192	2.439	3,444	72.585	102,484	1.000	141,192	102,484
1950	275,491	2.439	6,719	71.260	196,315	1.000	275,491	196,315
1951	470,722	2.439	11,481	69.872	328,903	1.000	470,722	328,903
1952	244,883	2.439	5,973	68.420	167,549	1.000	244,883	167,549
1953	427,756	2.439	10,433	66.902	286,177	1.000	427,756	286,177
1954	449,875	2.439	10,972	65.315	293,836	1.000	449,875	293,836
1955	263,373	2.439	6,424	63.661	167,666	1.000	263,373	167,666
1956	223,568	2.439	5,453	61.937	138,471	1.000	223,568	138,471
1957	415,569	2.439	10,136	60.145	249,944	1.000	415,569	249,944
1958	347,200	2.439	8,468	58.286	202,369	1.000	347,200	202,369
1959	544,465	2.439	13,280	56.360	306,860	1.000	544,465	306,860
1960	640,150	2.439	15,613	54.370	348,050	1.000	640,150	348,050
1961	457,755	2.439	11,165	52.319	239,493	1.000	457,755	239,493
1962	476,879	2.439	11,631	50.211	239,446	1.000	476,879	239,446
1963	532,367	2.439	12,984	48.049	255,797	1.000	532,367	255,797
1964	918,837	2.439	22,410	45.838	421,177	1.000	918,837	421,177
1965	838,304	2.439	20,446	43.583	365,358	1.000	838,304	365,358
1966	479,470	2.439	11,694	41.290	197,973	1.000	479,470	197,973
1967	1,823,360	2.439	44,472	38.954	710,454	1.000	1,823,360	710,454
1968	1,621,751	2.439	39,555	36.609	593,707	1.000	1,621,751	593,707

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3604 LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S3- 41

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1969	1,826,209	2.439	44,541	34.232	625,148	1.000	1,826,209	625,148
1970	1,731,159	2.439	42,223	31.837	551,149	1.000	1,731,159	551,149
1971	2,572,145	2.439	62,735	29.427	756,905	1.000	2,572,145	756,905
1972	2,150,131	2.439	52,442	27.007	580,686	1.000	2,150,131	580,686
1973	2,421,389	2.439	59,058	24.580	595,177	1.000	2,421,389	595,177
1974	1,355,437	2.439	33,059	22.148	300,202	1.000	1,355,437	300,202
1975	2,403,166	2.439	58,613	19.712	473,712	1.000	2,403,166	473,712
1976	1,891,719	2.439	46,139	17.275	326,794	1.000	1,891,719	326,794
1977	3,002,174	2.439	73,223	14.837	445,433	1.000	3,002,174	445,433
1978	3,023,190	2.439	73,736	12.398	374,815	1.000	3,023,190	374,815
1979	3,670,238	2.439	89,517	9.959	365,519	1.000	3,670,238	365,519
1980	1,579,991	2.439	38,536	7.520	118,815	1.000	1,579,991	118,815
1981	1,928,967	2.439	47,048	5.081	98,011	1.000	1,928,967	98,011
1982	1,563,630	2.439	38,137	2.642	41,311	1.000	1,563,630	41,311
1983	820,669	2.439	20,016	0.711	5,835	1.000	820,669	5,835
ASL TOTAL	45,954,158	2.439	1,120,823		13,533,048		45,954,158	13,533,048

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1902	691	2.857	20	100.000	691	21.508	14,862	14,862
1904	15	2.857	0	100.000	15	23.307	350	350
1905	6,802	2.857	194	100.000	6,802	22.528	153,235	153,235
1906	10,264	2.857	293	100.000	10,264	21.365	219,290	219,290
1907	4,687	2.857	134	100.000	4,687	21.294	99,805	99,805
1908	2,425	2.857	69	100.000	2,425	21.950	53,229	53,229
1909	4,974	2.857	142	100.000	4,974	23.651	117,640	117,640
1910	936	2.857	27	100.000	936	23.138	21,657	21,657
1911	41,191	2.857	1,177	100.000	41,191	23.478	967,082	967,082
1912	6,574	2.857	188	100.000	6,574	23.097	151,840	151,840
1913	13,542	2.857	387	99.813	13,517	22.293	301,892	301,334
1914	79,441	2.857	2,270	99.363	78,935	22.648	1,799,180	1,787,720
1915	1,593	2.857	46	98.726	1,573	21.436	34,148	33,719
1916	10,647	2.857	304	97.620	10,394	17.369	184,928	180,533
1917	11,529	2.857	329	96.325	11,105	13.739	158,397	152,572
1918	213	2.857	6	95.220	203	13.550	2,886	2,751
1919	4,626	2.857	132	94.219	4,359	13.001	60,143	56,671
1920	6,222	2.857	178	93.290	5,805	11.836	73,644	68,708
1921	5,184	2.857	148	92.402	4,790	13.680	70,917	65,527
1922	93,131	2.857	2,661	91.532	85,245	14.338	1,335,312	1,222,243
1923	8,082	2.857	231	90.668	7,328	12.974	104,856	95,073
1924	52,446	2.857	1,498	89.801	47,097	12.870	674,980	606,136
1925	17,076	2.857	488	88.926	15,185	13.053	222,893	198,210
1926	54,571	2.857	1,559	88.037	48,043	12.870	702,329	618,313
1927	86,633	2.857	2,475	87.133	75,486	13.027	1,128,568	983,356
1928	108,254	2.857	3,093	86.212	93,328	13.229	1,432,092	1,234,636
1929	41,413	2.857	1,183	85.273	35,314	13.174	545,575	465,227
1930	62,482	2.857	1,785	84.316	52,682	13.622	851,130	717,634
1931	20,701	2.857	591	83.340	17,252	14.227	294,513	245,444
1932	48,922	2.857	1,398	82.346	40,285	14.717	719,985	592,874
1933	20,361	2.857	582	81.331	16,560	14.683	298,961	243,150
1934	30,212	2.857	863	80.295	24,259	14.149	427,470	343,241
1935	24,001	2.857	686	79.239	19,018	13.858	332,606	263,551
1936	10,701	2.857	306	78.161	8,364	13.579	145,309	113,575
1937	18,577	2.857	531	77.062	14,316	12.819	238,139	183,517
1938	33,493	2.857	957	75.940	25,435	12.831	429,749	326,356
1939	9,507	2.857	272	74.796	7,111	12.806	121,747	91,063
1940	52,026	2.857	1,486	73.628	38,306	12.373	643,718	473,960
1941	52,474	2.857	1,499	72.436	38,010	11.924	625,700	453,231
1942	19,385	2.857	554	71.220	13,806	10.396	201,526	143,527
1943	5,854	2.857	167	69.979	4,097	10.109	59,178	41,417
1944	4,387	2.857	125	68.712	3,014	9.960	43,695	30,019
1945	14,182	2.857	405	67.420	9,562	9.792	138,870	93,631
1946	23,724	2.857	678	66.102	15,682	8.411	199,543	131,901
1947	81,574	2.857	2,331	64.756	52,824	7.662	625,020	404,737
1948	62,997	2.857	1,800	63.383	39,929	7.105	447,594	283,696
1949	160,367	2.857	4,582	61.983	99,400	6.669	1,069,488	662,899
1950	178,875	2.857	5,110	60.555	108,318	6.244	1,116,895	676,338
1951	129,596	2.857	3,703	59.099	76,590	5.299	686,729	405,850
1952	107,440	2.857	3,070	57.615	61,902	4.980	535,051	308,272
1953	164,487	2.857	4,699	56.102	92,280	4.646	764,207	428,733
1954	166,912	2.857	4,769	54.560	91,067	4.730	789,494	430,747
1955	140,083	2.857	4,002	52.990	74,230	4.409	617,626	327,280
1956	162,759	2.857	4,650	51.391	83,643	4.237	689,610	354,395
1957	73,373	2.857	2,096	49.765	36,514	4.112	301,710	150,146
1958	82,766	2.857	2,365	48.111	39,820	3.908	323,450	155,617
1959	141,868	2.857	4,053	46.429	65,868	3.749	531,863	246,939
1960	42,600	2.857	1,217	44.720	19,051	3.705	157,833	70,584
1961	66,472	2.857	1,899	42.985	28,573	3.670	243,952	104,863

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1962	76,681	2.857	2,191	41.225	31,612	3.630	278,352	114,752
1963	153,307	2.857	4,380	39.442	60,467	3.446	528,296	208,369
1964	79,870	2.857	2,282	37.635	30,059	3.600	287,532	108,212
1965	178,967	2.857	5,113	35.806	64,081	3.402	608,846	218,004
1966	176,230	2.857	5,035	33.956	59,841	2.948	519,526	176,411
1967	559,585	2.857	15,987	32.087	179,554	2.880	1,611,605	517,116
1968	453,641	2.857	12,961	30.201	137,004	2.810	1,274,731	384,981
1969	460,393	2.857	13,153	28.298	130,282	2.515	1,157,888	327,659
1970	551,632	2.857	15,760	26.380	145,521	2.498	1,377,977	363,511
1971	738,328	2.857	21,094	24.448	180,506	2.252	1,662,715	406,500
1972	628,451	2.857	17,955	22.503	141,420	2.085	1,310,320	294,861
1973	1,370,398	2.857	39,152	20.546	281,562	1.964	2,691,462	552,988
1974	873,186	2.857	24,947	18.576	162,203	1.614	1,409,322	261,796
1975	1,476,413	2.857	42,181	16.594	244,996	1.485	2,192,473	363,819
1976	1,026,026	2.857	29,314	14.598	149,779	1.442	1,479,529	215,981
1977	542,319	2.857	15,494	12.587	68,262	1.352	733,215	92,290
1978	814,586	2.857	23,273	10.561	86,028	1.245	1,014,160	107,105
1979	1,267,031	2.857	36,199	8.519	107,938	1.159	1,468,489	125,100
1980	782,826	2.857	22,365	6.460	50,571	1.066	834,493	53,909
1981	454,623	2.857	12,989	4.383	19,926	1.000	454,623	19,926
1982	369,131	2.857	10,546	2.288	8,446	1.000	369,131	8,446
1983	113,250	2.857	3,236	0.618	700	1.000	113,250	700
ASL TOTAL	16,033,194	2.857	458,070		4,274,792		48,682,026	24,293,344

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3620 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1907	63	2.857	2	100.000	63	11.834	746	746
1909	195	2.857	6	100.000	195	11.493	2,241	2,241
1910	1,366	2.857	39	100.000	1,366	11.834	16,165	16,165
1911	61,495	2.857	1,757	100.000	61,495	12.169	748,333	748,333
1912	9,241	2.857	264	100.000	9,241	11.637	107,538	107,538
1913	12,632	2.857	361	99.813	12,608	11.661	147,302	147,022
1914	65,643	2.857	1,875	99.363	65,225	11.910	781,808	776,830
1915	1,009	2.857	29	98.726	996	10.867	10,965	10,824
1916	13,369	2.857	382	97.620	13,051	8.866	118,530	115,710
1917	40,175	2.857	1,148	96.325	38,699	7.282	292,554	281,806
1918	27,160	2.857	776	95.220	25,862	6.795	184,552	175,732
1919	14,367	2.857	410	94.219	13,536	6.540	93,960	88,525
1920	24,443	2.857	698	93.290	22,803	5.735	140,181	130,775
1921	36,499	2.857	1,043	92.402	33,726	6.457	235,674	217,769
1922	316,777	2.857	9,050	91.532	289,952	6.921	2,192,414	2,006,758
1923	109,617	2.857	3,132	90.668	99,388	6.779	743,094	673,751
1924	287,178	2.857	8,205	89.801	257,889	6.705	1,925,528	1,729,146
1925	151,408	2.857	4,326	88.926	134,641	6.722	1,017,765	905,057
1926	334,002	2.857	9,542	88.037	294,045	6.820	2,277,894	2,005,387
1927	345,543	2.857	9,872	87.133	301,082	7.008	2,421,565	2,109,983
1928	449,072	2.857	12,830	86.212	387,154	7.088	3,183,022	2,744,148
1929	386,383	2.857	11,039	85.273	329,480	6.795	2,625,472	2,238,817
1930	373,657	2.857	10,675	84.316	315,053	6.913	2,583,091	2,177,961
1931	116,046	2.857	3,315	83.340	96,713	7.161	831,005	692,562
1932	97,652	2.857	2,790	82.346	80,413	7.311	713,934	587,899
1933	135,527	2.857	3,872	81.331	110,225	6.939	940,422	764,851
1934	194,342	2.857	5,552	80.295	156,047	6.262	1,216,970	977,166
1935	144,027	2.857	4,115	79.239	114,126	6.091	877,268	695,141
1936	144,170	2.857	4,119	78.161	112,685	6.045	871,508	681,181
1937	202,475	2.857	5,785	77.062	156,031	5.586	1,131,025	871,589
1938	283,516	2.857	8,100	75.940	215,302	5.597	1,586,839	1,205,045
1939	90,063	2.857	2,573	74.796	67,364	5.619	506,064	378,518
1940	180,433	2.857	5,155	73.628	132,849	5.608	1,011,868	745,017
1941	354,658	2.857	10,133	72.435	256,900	5.608	1,988,922	1,440,695
1942	195,565	2.857	5,587	71.220	139,281	5.563	1,087,928	774,820
1943	32,509	2.857	929	69.979	22,749	5.717	185,654	130,056
1944	51,608	2.857	1,474	68.712	35,461	5.955	307,326	211,170
1945	40,398	2.857	1,154	67.420	27,236	5.948	240,287	162,000
1946	464,284	2.857	13,265	66.102	306,901	4.921	2,284,742	1,510,260
1947	467,294	2.857	13,351	64.756	302,601	4.074	1,903,756	1,232,796
1948	489,579	2.857	13,987	63.383	310,310	3.797	1,858,931	1,178,247
1949	1,847,030	2.857	52,770	61.983	1,144,845	3.709	6,850,634	4,246,230
1950	1,270,783	2.857	36,306	60.555	769,523	3.426	4,353,703	2,636,386
1951	1,580,083	2.857	45,143	59.099	933,813	3.139	4,959,881	2,931,239
1952	634,352	2.857	18,123	57.615	365,482	3.081	1,954,439	1,126,050
1953	1,155,567	2.857	33,043	56.102	648,857	2.913	3,369,080	1,890,120
1954	1,297,527	2.857	37,070	54.560	707,931	2.869	3,722,605	2,031,054
1955	1,017,682	2.857	29,075	52.990	539,270	2.773	2,822,032	1,495,396
1956	781,112	2.857	22,316	51.391	401,421	2.540	1,984,024	1,019,609
1957	829,758	2.857	23,706	49.765	412,929	2.426	2,012,993	1,001,766
1958	583,186	2.857	16,662	48.111	280,577	2.357	1,374,569	661,320
1959	638,354	2.857	18,238	46.429	296,381	2.345	1,496,940	695,013
1960	669,236	2.857	19,120	44.720	299,282	2.501	1,673,759	748,504
1961	421,567	2.857	12,044	42.985	181,211	2.735	1,152,986	495,612
1962	856,787	2.857	24,478	41.225	353,210	2.821	2,416,996	996,405
1963	849,568	2.857	24,272	39.442	335,087	3.008	2,555,501	1,007,942
1964	1,006,415	2.857	28,753	37.635	378,764	2.850	2,868,283	1,079,477
1965	1,261,830	2.857	36,050	35.806	451,811	2.663	3,360,253	1,203,173
1966	2,298,371	2.857	65,664	33.956	780,435	2.529	5,812,580	1,973,720

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3620 STATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1967	5,235,567	2.857	149,580	32.087	1,679,936	2.412	12,628,188	4,052,006
1968	4,695,172	2.857	134,141	30.201	1,417,989	2.321	10,897,494	3,291,152
1969	5,334,180	2.857	152,398	28.298	1,509,466	2.243	11,964,566	3,385,732
1970	3,958,502	2.857	113,094	26.380	1,044,253	2.202	8,716,621	2,299,445
1971	7,036,874	2.857	201,043	24.448	1,720,375	2.166	15,241,869	3,726,332
1972	7,005,660	2.857	200,152	22.503	1,576,484	2.166	15,174,260	3,414,664
1973	9,314,411	2.857	266,113	20.546	1,913,739	2.174	20,249,530	4,160,469
1974	7,869,269	2.857	224,825	18.576	1,461,795	2.004	15,770,015	2,929,437
1975	9,301,693	2.857	265,749	16.594	1,543,523	1.685	15,673,353	2,600,836
1976	4,375,823	2.857	125,017	14.598	638,783	1.453	6,358,071	928,152
1977	8,451,278	2.857	241,453	12.587	1,063,762	1.370	11,578,251	1,457,354
1978	5,598,111	2.857	159,938	10.561	591,217	1.342	7,512,665	793,413
1979	8,136,931	2.857	232,472	8.519	693,185	1.258	10,236,259	872,027
1980	9,349,980	2.857	267,129	6.460	604,009	1.113	10,406,528	672,262
1981	5,082,145	2.857	145,197	4.383	222,750	1.000	5,082,145	222,750
1982	3,166,661	2.857	90,472	2.288	72,453	1.000	3,166,661	72,453
1983	1,236,054	2.857	35,314	0.618	7,639	1.000	1,236,054	7,639
ASL TOTAL	130,893,959	2.857	3,739,637		32,392,931		278,028,831	95,775,176

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3642 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	61,259	2.941	1,802	100.000	61,259	24.744	1,515,793	1,515,793
1911	969	2.941	28	100.000	969	25.843	25,042	25,042
1912	3,534	2.941	104	100.000	3,534	25.573	90,375	90,375
1913	76,327	2.941	2,245	100.000	76,327	20.860	1,592,181	1,592,181
1914	209,398	2.941	6,158	100.000	209,398	25.626	5,366,033	5,366,033
1915	5,529	2.941	163	99.802	5,518	22.347	123,557	123,311
1916	57,810	2.941	1,700	99.326	57,420	18.437	1,065,843	1,058,653
1917	162,766	2.941	4,787	98.651	160,570	12.853	2,092,031	2,063,806
1918	14,291	2.941	420	97.508	13,935	12.297	175,736	171,359
1919	52,907	2.941	1,556	96.194	50,893	13.403	709,113	682,119
1920	4,560	2.941	134	95.067	4,335	12.486	56,936	54,127
1921	2,970	2.941	87	94.049	2,793	11.072	32,884	30,924
1922	100,830	2.941	2,965	93.102	93,875	11.686	1,178,299	1,097,023
1923	786,639	2.941	23,135	92.194	725,234	12.628	9,933,677	9,158,255
1924	265,950	2.941	7,822	91.304	242,823	10.827	2,879,441	2,629,045
1925	48,253	2.941	1,419	90.416	43,628	12.759	615,660	556,650
1926	121,802	2.941	3,582	89.522	109,040	12.090	1,472,586	1,318,294
1927	35,513	2.941	1,044	88.615	31,470	10.894	386,879	342,834
1928	85,388	2.941	2,511	87.695	74,881	11.153	952,332	835,148
1929	31,582	2.941	929	86.757	27,400	13.031	411,545	357,049
1930	13,433	2.941	395	85.801	11,526	13.172	176,939	151,820
1931	4,015	2.941	118	84.827	3,406	14.313	57,467	48,750
1932	109,141	2.941	3,210	83.833	91,496	15.813	1,725,847	1,446,826
1933	52,270	2.941	1,537	82.818	43,289	12.397	647,991	536,654
1934	7,410	2.941	218	81.783	6,060	13.388	99,205	81,131
1935	292,336	2.941	8,598	80.726	235,991	11.879	3,472,659	2,803,337
1936	17,764	2.941	522	79.647	14,148	11.742	208,585	166,126
1937	11,742	2.941	345	78.546	9,223	12.224	143,534	112,742
1938	24,968	2.941	734	77.422	19,331	12.224	305,209	236,302
1939	1,831	2.941	54	76.274	1,397	12.224	22,382	17,077
1940	1,324	2.941	39	75.103	994	12.224	16,185	12,151
1941	94,015	2.941	2,765	73.907	69,484	12.224	1,149,239	849,372
1942	114,329	2.941	3,362	72.685	83,100	10.052	1,149,235	835,321
1943	7,038	2.941	207	71.438	5,028	9.625	67,741	48,395
1944	10,577	2.941	311	70.165	7,421	9.034	95,553	67,041
1945	698	2.941	21	68.865	481	7.771	5,424	3,738
1946	45,066	2.941	1,325	67.538	30,437	6.596	297,255	200,762
1947	151,875	2.941	4,467	66.182	100,514	5.965	905,934	599,566
1948	244,477	2.941	7,190	64.799	158,419	5.945	1,453,416	941,801
1949	291,241	2.941	8,565	63.386	184,606	5.690	1,657,161	1,050,408
1950	532,232	2.941	15,653	61.945	329,691	5.155	2,743,656	1,699,557
1951	155,711	2.941	4,579	60.473	94,163	4.616	718,762	434,656
1952	46,646	2.941	1,372	58.972	27,508	4.482	209,067	123,291
1953	537,657	2.941	15,812	57.441	308,836	4.219	2,268,375	1,302,979
1954	92,802	2.941	2,729	55.880	51,858	4.364	404,988	226,308
1955	104,218	2.941	3,065	54.289	56,579	4.203	438,028	237,802
1956	21,684	2.941	638	52.667	11,420	3.900	84,568	44,538
1957	29,095	2.941	856	51.015	14,843	3.827	111,347	56,804
1958	64,306	2.941	1,891	49.333	31,724	3.603	231,695	114,302
1959	138,421	2.941	4,071	47.622	65,919	3.470	480,321	228,739
1960	223,525	2.941	6,574	45.882	102,558	3.466	774,738	355,466
1961	64,042	2.941	1,883	44.115	28,252	3.481	222,930	98,345
1962	82,438	2.941	2,425	42.319	34,887	3.479	286,802	121,372
1963	181,282	2.941	5,332	40.498	73,416	3.278	594,242	240,658
1964	344,210	2.941	10,123	38.651	133,041	3.574	1,230,207	475,489
1965	51,322	2.941	1,509	36.781	18,877	3.417	175,367	64,503
1966	93,851	2.941	2,760	34.888	32,743	2.863	268,695	93,743
1967	2,223,415	2.941	65,391	32.973	733,127	2.852	6,341,180	2,090,878
1968	2,165,939	2.941	63,700	31.040	672,307	2.827	6,123,110	1,900,612

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3642 TOWERS AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1969	3,108,778	2.941	91,429	29.068	904,281	2.479	7,706,661	2,241,713
1970	1,141,873	2.941	33,582	27.119	309,665	2.525	2,883,229	781,904
1971	1,705,836	2.941	50,169	25.136	428,779	2.318	3,954,128	993,910
1972	1,477,350	2.941	43,449	23.138	341,829	2.187	3,230,964	747,580
1973	500,877	2.941	14,731	21.127	105,820	2.050	1,026,798	216,931
1974	253,465	2.941	7,454	19.104	48,422	1.571	398,194	76,071
1975	1,406,423	2.941	41,363	17.066	240,020	1.432	2,013,998	343,709
1976	655,363	2.941	19,274	15.015	98,403	1.427	935,203	140,421
1977	1,808,930	2.941	53,201	12.948	234,220	1.353	2,447,482	316,900
1978	778,357	2.941	22,891	10.865	84,568	1.243	967,498	105,118
1979	3,058,631	2.941	89,954	8.765	268,089	1.149	3,514,367	308,034
1980	549,429	2.941	16,159	6.647	36,521	1.054	579,098	38,493
1981	265,187	2.941	7,799	4.510	11,960	1.000	265,187	11,960
1982	1,820,333	2.941	53,536	2.355	42,869	1.000	1,820,333	42,869
1983	10,395	2.941	306	0.636	66	1.000	10,395	66
ASL TOTAL	29,317,850	2.941	862,234		9,048,914		99,794,517	55,553,062

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3644 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1925	21,264	2.941	625	90.416	19,226	12.400	263,674	238,402
1926	31,313	2.941	921	89.522	28,032	12.181	381,424	341,458
1927	19,703	2.941	579	88.615	17,460	11.802	232,535	206,063
1928	15,599	2.941	459	87.695	13,680	11.411	178,000	156,102
1929	16,521	2.941	486	86.757	14,333	11.236	185,630	161,046
1930	234,013	2.941	6,882	85.801	200,785	11.714	2,741,228	2,351,995
1931	216,336	2.941	6,362	84.827	183,511	12.834	2,776,456	2,355,180
1932	156,846	2.941	4,613	83.833	131,489	12.879	2,020,020	1,693,447
1933	147,564	2.941	4,340	82.818	122,210	13.031	1,922,906	1,592,519
1934	168,075	2.941	4,943	81.783	137,457	12.276	2,063,289	1,687,422
1935	220,978	2.941	6,499	80.726	178,387	12.087	2,670,961	2,156,164
1936	318,605	2.941	9,370	79.647	253,759	11.892	3,788,851	3,017,702
1937	515,434	2.941	15,159	78.546	404,853	11.012	5,675,959	4,458,241
1938	246,071	2.941	7,237	77.422	190,513	10.957	2,696,200	2,087,451
1939	270,754	2.941	7,963	76.274	206,515	10.796	2,923,060	2,229,536
1940	323,748	2.941	9,521	75.103	243,144	10.968	3,550,868	2,666,803
1941	444,463	2.941	13,072	73.907	328,489	10.712	4,761,088	3,518,774
1942	338,906	2.941	9,967	72.685	246,334	9.191	3,114,885	2,264,056
1943	305,801	2.941	8,994	71.438	218,458	9.108	2,785,236	1,989,715
1944	430,772	2.941	12,669	70.165	302,251	8.355	3,599,100	2,525,307
1945	651,670	2.941	19,166	68.865	448,773	8.132	5,299,380	3,649,422
1946	1,198,287	2.941	35,242	67.538	809,299	7.155	8,573,743	5,790,534
1947	1,617,358	2.941	47,566	66.182	1,070,400	6.473	10,469,158	6,928,699
1948	1,241,795	2.941	36,521	64.799	804,671	6.033	7,491,749	4,854,580
1949	1,315,986	2.941	38,703	63.386	834,151	5.808	7,643,247	4,844,749
1950	1,334,139	2.941	39,237	61.945	826,432	5.615	7,491,190	4,640,416
1951	1,646,598	2.941	48,426	60.473	995,747	5.194	8,552,430	5,171,910
1952	1,763,763	2.941	51,872	58.972	1,040,126	4.909	8,658,313	5,105,979
1953	1,931,196	2.941	56,796	57.441	1,109,298	4.648	8,976,199	5,155,017
1954	2,472,280	2.941	72,710	55.880	1,381,510	4.660	11,520,825	6,437,837
1955	2,546,367	2.941	74,889	54.289	1,382,397	4.556	11,601,248	6,298,201
1956	2,428,326	2.941	71,417	52.667	1,278,926	4.273	10,376,237	5,464,851
1957	2,639,524	2.941	77,628	51.015	1,346,553	4.075	10,756,060	5,487,203
1958	2,542,769	2.941	74,783	49.333	1,254,424	4.005	10,183,790	5,023,968
1959	2,917,055	2.941	85,791	47.622	1,389,160	3.899	11,373,597	5,416,335
1960	2,548,102	2.941	74,940	45.882	1,169,120	3.776	9,621,633	4,414,597
1961	2,979,751	2.941	87,634	44.115	1,314,517	3.737	11,135,329	4,912,350
1962	3,027,202	2.941	89,030	42.319	1,281,082	3.686	11,158,267	4,722,068
1963	3,998,137	2.941	117,585	40.498	1,619,166	3.597	14,381,299	5,824,140
1964	4,338,404	2.941	127,592	38.651	1,676,837	3.519	15,266,844	5,900,789
1965	4,524,513	2.941	133,066	36.781	1,664,161	3.372	15,256,658	5,611,551
1966	4,931,698	2.941	145,041	34.888	1,720,571	3.190	15,732,117	5,488,621
1967	6,237,492	2.941	183,445	32.973	2,056,688	3.063	19,105,438	6,299,635
1968	6,913,534	2.941	203,327	31.040	2,145,961	2.902	20,063,076	6,227,579
1969	9,304,244	2.941	273,638	29.088	2,706,418	2.747	25,558,758	7,434,530
1970	8,976,041	2.941	263,985	27.119	2,434,213	2.593	23,274,874	6,311,914
1971	9,847,995	2.941	289,630	25.136	2,475,392	2.367	23,310,207	5,859,253
1972	13,559,884	2.941	398,796	23.138	3,137,486	2.125	28,814,754	6,667,158
1973	18,718,037	2.941	550,497	21.127	3,954,560	1.973	36,930,687	7,802,347
1974	14,807,357	2.941	435,484	19.104	2,828,797	1.779	26,342,288	5,032,430
1975	17,961,417	2.941	528,245	17.066	3,065,295	1.675	30,085,373	5,134,369
1976	17,186,937	2.941	505,468	15.015	2,580,619	1.530	26,298,014	3,948,347
1977	18,748,235	2.941	551,386	12.948	2,427,521	1.409	26,416,263	3,420,377
1978	17,199,819	2.941	505,847	10.865	1,868,760	1.307	22,480,163	2,442,469
1979	21,716,349	2.941	638,678	8.765	1,903,438	1.217	26,428,797	2,316,484
1980	17,229,896	2.941	506,731	6.647	1,145,271	1.115	19,211,334	1,276,977
1981	14,068,983	2.941	413,769	4.510	634,511	1.000	14,068,983	634,511
1982	16,803,307	2.941	494,185	2.355	395,718	1.000	16,803,307	395,718
1983	8,999,419	2.941	264,673	0.636	57,236	1.000	8,999,419	57,236

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3644 POLES AND FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
ASL TOTAL	297,316,633	2.941	8,744,080		65,676,091		674,040,418	226,103,534

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3646 CLEARING LAND AND R/W - TOWERS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	2,650	2.941	78	100.000	2,650	50.887	134,851	134,851
1913	2,343	2.941	69	100.000	2,343	43.961	103,001	103,001
1914	6,799	2.941	200	100.000	6,799	41.978	285,408	285,408
1917	6,740	2.941	198	98.651	6,649	32.166	216,799	213,872
1918	370	2.941	11	97.508	361	27.619	10,219	9,970
1919	2,122	2.941	62	96.194	2,041	22.448	47,635	45,816
1920	130	2.941	4	95.067	124	18.930	2,461	2,347
1921	136	2.941	4	94.049	128	19.708	2,680	2,523
1922	11,312	2.941	333	93.102	10,532	21.017	237,744	221,351
1923	76,597	2.941	2,253	92.194	70,618	18.930	1,449,981	1,336,799
1924	22,895	2.941	673	91.304	20,904	18.930	433,402	395,713
1925	15,339	2.941	451	90.416	13,869	18.930	290,367	262,540
1926	1,436	2.941	42	89.522	1,286	17.239	24,755	22,169
1927	7,571	2.941	223	88.615	6,709	17.882	135,385	119,970
1928	372	2.941	11	87.695	326	18.232	6,782	5,944
1929	216	2.941	6	86.757	187	18.553	4,007	3,469
1930	322	2.941	9	85.801	276	18.930	6,095	5,225
1932	6,337	2.941	186	83.833	5,312	19.708	124,890	104,689
1933	1,483	2.941	44	82.818	1,228	18.553	27,514	22,783
1934	617	2.941	18	81.783	505	17.564	10,837	8,870
1935	25,559	2.941	752	80.726	20,633	17.239	440,612	355,692
1936	32	2.941	1	79.647	25	16.944	542	424
1937	2,243	2.941	66	78.546	1,762	15.826	35,498	27,885
1938	1,476	2.941	43	77.422	1,143	15.826	23,359	18,089
1940	1,663	2.941	49	75.103	1,249	15.826	26,319	19,767
1941	1,238	2.941	36	73.907	915	15.826	19,593	14,481
1942	4,030	2.941	119	72.685	2,929	11.854	47,772	34,720
1944	4,029	2.941	118	70.165	2,827	11.854	47,760	33,511
1945	804	2.941	24	68.865	554	11.854	9,531	6,567
1946	1,715	2.941	50	67.538	1,158	9.375	16,078	10,856
1947	14,294	2.941	420	66.182	9,460	8.504	121,556	80,448
1948	29,932	2.941	880	64.799	19,396	7.854	235,086	152,336
1949	32,402	2.941	953	63.386	20,538	7.447	241,298	152,946
1950	32,424	2.941	954	61.945	20,085	7.071	229,270	142,021
1951	60,484	2.941	1,779	60.473	36,576	6.700	405,243	245,059
1952	4,426	2.941	130	58.972	2,610	5.894	26,087	15,383
1953	94,924	2.941	2,792	57.441	54,525	5.533	525,214	301,687
1954	2,144	2.941	63	55.880	1,198	5.330	11,428	6,385
1955	12,548	2.941	369	54.289	6,812	5.136	64,447	34,986
1956	568	2.941	17	52.667	299	4.854	2,757	1,451
1957	499	2.941	15	51.015	255	4.608	2,299	1,175
1958	4,887	2.941	144	49.333	2,411	4.426	21,630	10,671
1959	1,617	2.941	48	47.622	770	4.207	6,803	3,239
1966	1,739	2.941	51	34.888	607	3.000	5,217	1,821
1967	17,224	2.941	507	32.973	5,679	2.766	47,642	15,708
1968	32,450	2.941	954	31.040	10,072	2.625	85,181	26,439
1969	72,528	2.941	2,133	29.088	21,097	2.454	177,984	51,772
1970	14,199	2.941	418	27.119	3,851	2.291	32,530	8,823
1971	13,318	2.941	392	25.136	3,348	2.041	27,182	6,833
1972	14,443	2.941	425	23.138	3,342	1.842	26,604	6,156
1975	12,542	2.941	369	17.066	2,140	1.627	20,406	3,482
1976	3,187	2.941	94	15.015	479	1.483	4,726	710
1977	840	2.941	25	12.948	109	1.363	1,145	149
1978	1,996	2.941	59	10.865	217	1.272	2,539	276
1979	872,180	2.941	25,651	8.765	76,447	1.195	1,042,255	91,354
1981	439	2.941	13	4.510	20	1.000	439	20
1982	23,360	2.941	687	2.355	550	1.000	23,360	550

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PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3646 CLEARING LAND AND R/W - TOWERS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
TOTAL	1,580,170	2.941	46,475		488,935		7,612,205	5,191,182

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3648 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1917	6,589	2.941	194	98.651	6,500	32.166	211,942	209,079
1918	2,793	2.941	82	97.508	2,723	27.619	77,140	75,207
1919	241	2.941	7	96.194	232	22.448	5,410	5,208
1920	1,571	2.941	46	95.067	1,494	18.930	29,739	28,281
1921	120	2.941	4	94.049	113	19.708	2,365	2,227
1922	1,165	2.941	34	93.102	1,085	21.017	24,485	22,803
1923	46,872	2.941	1,379	92.194	43,213	18.930	887,287	818,022
1924	13,081	2.941	385	91.304	11,943	18.930	247,623	226,081
1925	14,931	2.941	439	90.416	13,500	18.930	282,644	255,555
1926	52,967	2.941	1,558	89.522	47,417	17.239	913,098	817,422
1927	71,259	2.941	2,096	88.615	63,146	17.882	1,274,253	1,129,177
1928	79,099	2.941	2,326	87.695	69,366	18.232	1,442,133	1,264,681
1929	62,456	2.941	1,837	86.757	54,185	18.553	1,158,746	1,005,294
1930	58,141	2.941	1,710	85.801	49,886	18.930	1,100,609	944,342
1931	75,529	2.941	2,221	84.827	64,069	19.323	1,459,447	1,238,005
1932	43,224	2.941	1,271	83.833	36,236	19.708	851,859	714,139
1933	13,909	2.941	409	82.818	11,519	18.553	258,054	213,712
1934	17,955	2.941	528	81.783	14,684	17.564	315,362	257,910
1935	40,223	2.941	1,183	80.726	32,470	17.239	693,404	559,750
1936	75,415	2.941	2,218	79.647	60,066	16.944	1,277,832	1,017,758
1937	104,256	2.941	3,066	78.546	81,889	15.826	1,649,955	1,295,975
1938	34,344	2.941	1,010	77.422	26,590	15.826	543,528	420,813
1939	21,190	2.941	623	76.274	16,162	15.826	335,353	255,780
1940	27,825	2.941	818	75.103	20,897	15.826	440,358	330,716
1941	69,422	2.941	2,042	73.907	51,308	15.826	1,098,673	812,000
1942	95,712	2.941	2,815	72.685	69,568	11.854	1,134,570	824,659
1943	16,426	2.941	483	71.438	11,734	11.854	194,714	139,095
1944	39,727	2.941	1,168	70.165	27,874	11.854	470,924	330,418
1945	65,829	2.941	1,936	68.865	45,333	11.854	780,337	537,377
1946	239,169	2.941	7,034	67.538	161,530	9.375	2,242,209	1,514,344
1947	464,767	2.941	13,669	66.182	307,592	8.504	3,952,379	2,615,762
1948	276,798	2.941	8,141	64.799	179,362	7.854	2,173,971	1,408,709
1949	216,123	2.941	6,356	63.386	136,992	7.447	1,609,468	1,020,179
1950	336,266	2.941	9,890	61.945	208,300	7.071	2,377,737	1,472,889
1951	418,081	2.941	12,296	60.473	252,826	6.700	2,801,143	1,693,934
1952	234,013	2.941	6,882	58.972	138,002	5.894	1,379,273	813,384
1953	504,406	2.941	14,835	57.441	289,736	5.533	2,790,878	1,603,109
1954	572,640	2.941	16,841	55.880	319,991	5.330	3,052,171	1,705,552
1955	404,171	2.941	11,887	54.289	219,420	5.136	2,075,822	1,126,941
1956	352,341	2.941	10,362	52.667	185,567	4.854	1,710,263	900,742
1957	398,377	2.941	11,716	51.015	203,232	4.608	1,835,721	936,493
1958	530,182	2.941	15,593	49.333	261,555	4.426	2,346,586	1,157,642
1959	452,902	2.941	13,320	47.622	215,681	4.207	1,905,359	907,370
1960	400,681	2.941	11,784	45.882	183,840	4.024	1,612,340	739,772
1961	237,219	2.941	6,977	44.115	104,649	3.876	919,461	405,620
1962	185,920	2.941	5,468	42.319	78,679	3.753	697,758	295,282
1963	60,956	2.941	1,793	40.498	24,690	3.587	218,685	88,563
1964	83,699	2.941	2,462	38.651	32,351	3.483	291,524	112,679
1965	110,374	2.941	3,246	36.781	40,597	3.224	355,846	130,885
1966	96,187	2.941	2,829	34.888	33,558	3.000	288,561	100,674
1967	307,818	2.941	9,053	32.973	101,497	2.766	851,425	280,741
1968	82,476	2.941	2,426	31.040	25,601	2.625	216,500	67,203
1969	286,221	2.941	8,418	29.088	83,256	2.454	702,385	204,310
1970	183,187	2.941	5,388	27.119	49,678	2.291	419,681	113,812
1971	377,690	2.941	11,108	25.136	94,936	2.041	770,865	193,764
1972	491,582	2.941	14,457	23.138	113,742	1.842	905,494	209,513
1973	344,591	2.941	10,134	21.127	72,802	1.766	608,548	128,568
1974	278,824	2.941	8,200	19.104	53,267	1.627	453,647	86,665
1975	595,516	2.941	17,514	17.066	101,631	1.627	968,905	165,354

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3648 CLEARING LAND AND R/W - POLES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1976	307,561	2.941	9,045	15.015	46,180	1.483	456,113	68,485
1977	714,906	2.941	21,025	12.948	92,566	1.363	974,417	126,167
1978	241,197	2.941	7,094	10.865	26,206	1.272	306,803	33,334
1979	1,195,916	2.941	35,172	8.765	104,822	1.195	1,429,120	125,262
1980	1,107,952	2.941	32,585	6.647	73,646	1.094	1,212,099	80,569
1981	799,198	2.941	23,504	4.510	36,044	1.000	799,198	36,044
1982	1,155,256	2.941	33,976	2.355	27,206	1.000	1,155,256	27,206
1983	579,704	2.941	17,049	0.636	3,687	1.000	579,704	3,687
ASL TOTAL	16,777,148	2.941	493,417		5,620,119		68,609,160	38,452,695

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3650 OVERHEAD CONDUCTORS & DEVICES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 27

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1928	125,995	3.704	4,667	100.000	125,995	9.357	1,178,935	1,178,935
1929	162,519	3.704	6,020	100.000	162,519	8.741	1,420,579	1,420,579
1930	209,043	3.704	7,743	100.000	209,043	10.286	2,150,216	2,150,216
1931	132,906	3.704	4,923	100.000	132,906	12.355	1,642,054	1,642,054
1932	116,842	3.704	4,328	100.000	116,842	13.940	1,628,777	1,628,777
1933	71,465	3.704	2,647	99.975	71,447	12.817	915,967	915,736
1934	98,584	3.704	3,652	99.915	98,500	10.310	1,016,401	1,015,535
1935	289,887	3.704	10,737	98.947	286,834	10.274	2,978,299	2,946,933
1936	227,706	3.704	8,434	97.146	221,207	10.054	2,289,356	2,224,015
1937	353,365	3.704	13,089	96.011	339,269	8.908	3,147,775	3,022,208
1938	172,233	3.704	6,380	94.955	163,544	10.418	1,794,323	1,703,801
1939	156,083	3.704	5,781	93.905	146,570	10.227	1,596,261	1,498,971
1940	270,596	3.704	10,023	92.850	251,248	10.111	2,735,996	2,540,369
1941	318,548	3.704	11,799	91.788	292,389	10.192	3,246,641	2,980,029
1942	297,297	3.704	11,012	90.718	269,702	8.988	2,672,105	2,424,082
1943	100,698	3.704	3,730	89.645	90,271	8.943	900,542	807,294
1944	213,031	3.704	7,891	88.568	188,677	8.943	1,905,136	1,687,338
1945	360,935	3.704	13,369	87.477	315,735	8.943	3,227,842	2,823,618
1946	658,748	3.704	24,400	86.368	568,947	7.337	4,833,234	4,174,364
1947	1,190,740	3.704	44,105	85.232	1,014,892	5.546	6,603,844	5,628,591
1948	938,451	3.704	34,760	84.058	788,843	5.318	4,990,682	4,195,067
1949	990,056	3.704	36,672	82.838	820,151	5.581	5,525,558	4,577,263
1950	1,098,792	3.704	40,699	81.564	896,219	5.359	5,888,426	4,802,838
1951	1,249,096	3.704	46,267	80.229	1,002,137	4.889	6,106,830	4,899,448
1952	1,319,185	3.704	48,863	78.825	1,039,848	4.478	5,907,310	4,656,439
1953	1,764,757	3.704	65,367	77.349	1,365,022	4.018	7,090,794	5,484,658
1954	1,996,697	3.704	73,958	75.797	1,513,436	3.982	7,950,847	6,026,502
1955	1,690,894	3.704	62,631	74.165	1,254,052	3.831	6,477,815	4,804,273
1956	1,624,305	3.704	60,164	72.454	1,176,874	3.553	5,771,156	4,181,433
1957	1,737,544	3.704	64,359	70.660	1,227,749	3.508	6,095,304	4,306,943
1958	1,636,610	3.704	68,028	68.784	1,263,294	3.462	6,358,344	4,373,524
1959	1,687,422	3.704	62,502	66.827	1,127,653	3.346	5,646,114	3,773,127
1960	1,519,814	3.704	56,294	64.789	984,672	3.290	5,000,188	3,239,571
1961	2,111,631	3.704	78,215	62.671	1,323,380	3.228	6,816,345	4,271,871
1962	1,974,838	3.704	73,148	60.477	1,194,323	3.146	6,212,840	3,757,340
1963	2,289,718	3.704	84,811	58.207	1,332,776	3.162	7,240,088	4,214,238
1964	2,623,867	3.704	97,188	55.863	1,465,771	3.068	8,050,024	4,496,985
1965	2,921,992	3.704	108,231	53.449	1,561,776	2.878	8,409,493	4,494,791
1966	3,388,805	3.704	125,521	50.965	1,727,104	2.727	9,241,271	4,709,813
1967	5,883,337	3.704	217,919	48.415	2,848,418	2.479	14,584,792	7,061,228
1968	7,166,752	3.704	265,456	45.801	3,282,444	2.392	17,142,871	7,851,606
1969	9,061,666	3.704	335,644	43.126	3,907,934	2.399	21,738,937	9,375,134
1970	7,957,160	3.704	294,733	40.390	3,213,897	2.307	18,357,168	7,414,460
1971	8,664,662	3.704	320,939	37.597	3,257,653	2.070	17,935,850	6,743,342
1972	10,968,287	3.704	406,265	34.748	3,811,260	1.897	20,806,840	7,229,960
1973	14,353,539	3.704	531,655	31.846	4,571,028	1.784	25,606,714	8,154,714
1974	10,014,767	3.704	370,947	28.892	2,893,466	1.641	16,434,233	4,748,178
1975	12,582,701	3.704	466,063	25.888	3,257,410	1.536	19,327,029	5,003,382
1976	11,585,259	3.704	429,118	22.836	2,645,610	1.412	16,358,386	3,735,601
1977	12,775,455	3.704	473,203	19.737	2,521,492	1.307	16,697,520	3,295,590
1978	10,954,488	3.704	405,754	16.594	1,817,788	1.227	13,441,157	2,230,426
1979	15,517,895	3.704	574,783	13.409	2,080,795	1.153	17,892,133	2,399,157
1980	13,073,341	3.704	484,237	10.182	1,331,128	1.067	13,949,255	1,420,314
1981	10,225,080	3.704	378,737	6.916	707,167	1.000	10,225,080	707,167
1982	14,045,201	3.704	520,234	3.614	507,594	1.000	14,045,201	507,594
1983	6,067,184	3.704	224,728	0.977	59,276	1.000	6,067,184	59,276
ASL TOTAL	221,188,479	3.704	8,192,823		70,845,977		453,274,062	207,616,698

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3660 UNDERGROUND CONDUIT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1903	29,082	1.667	485	85.651	24,909	26.657	775,239	663,999
1907	18,545	1.667	309	83.762	15,534	25.013	463,866	388,552
1908	4,554	1.667	76	83.270	3,792	26.016	118,477	98,653
1909	10,585	1.667	176	82.770	8,761	26.822	283,911	234,988
1910	317	1.667	5	82.261	261	25.860	8,198	6,749
1911	1,296	1.667	22	81.742	1,059	25.757	33,381	27,277
1912	24,816	1.667	414	81.215	20,154	25.110	623,130	506,067
1913	2,540	1.667	42	80.678	2,049	23.907	60,724	48,985
1914	7,491	1.667	125	80.131	6,003	23.776	178,106	142,727
1915	18,668	1.667	311	79.574	14,855	23.099	431,212	343,136
1916	81,157	1.667	1,353	79.006	64,119	19.699	1,598,712	1,263,080
1917	7,223	1.667	120	78.427	5,665	15.622	112,838	88,499
1919	4,473	1.667	75	77.235	3,455	12.752	57,040	44,058
1920	1,160	1.667	19	76.621	889	11.269	13,072	10,018
1921	1,210	1.667	20	75.995	920	12.628	15,280	11,618
1922	47,848	1.667	798	75.356	36,056	13.650	653,125	492,164
1923	12,583	1.667	210	74.704	9,400	12.506	157,363	117,556
1924	21,613	1.667	360	74.037	16,002	12.690	274,269	203,065
1925	24,534	1.667	409	73.357	17,997	12.714	311,925	228,814
1926	53,452	1.667	891	72.662	38,839	12.121	647,892	470,768
1927	35,579	1.667	593	71.953	25,600	12.530	445,805	320,768
1928	43,720	1.667	729	71.227	31,140	13.099	572,688	407,903
1929	23,150	1.667	386	70.486	16,318	13.047	302,038	212,901
1930	26,106	1.667	435	69.728	18,203	13.274	346,531	241,627
1931	83,870	1.667	1,398	68.953	57,831	14.172	1,188,606	819,581
1932	257,018	1.667	4,284	68.161	175,186	14.521	3,732,158	2,543,876
1933	45,774	1.667	763	67.351	30,829	13.795	631,452	425,286
1934	30,765	1.667	513	66.522	20,465	13.466	414,281	275,582
1935	35,364	1.667	590	65.675	23,225	13.355	472,286	310,170
1936	10,312	1.667	172	64.807	6,683	13.274	136,881	88,710
1937	17,578	1.667	293	63.920	11,236	12.982	228,198	145,866
1938	13,592	1.667	227	63.013	8,565	12.943	175,921	110,857
1939	33,105	1.667	552	62.084	20,553	12.982	429,769	266,819
1940	49,113	1.667	819	61.133	30,024	13.152	645,934	394,876
1941	26,262	1.667	438	60.161	15,799	13.060	342,982	206,335
1942	11,872	1.667	198	59.166	7,024	10.909	129,512	76,625
1943	53	1.667	1	58.149	31	10.809	573	335
1944	1,186	1.667	20	57.108	677	10.477	12,426	7,093
1945	3,182	1.667	53	56.043	1,783	10.452	33,258	18,636
1946	33,068	1.667	551	54.954	18,172	8.849	292,619	160,804
1947	16,941	1.667	282	53.841	9,121	7.872	133,360	71,801
1948	52,004	1.667	867	52.703	27,408	7.285	378,849	199,667
1949	176,072	1.667	2,935	51.539	90,746	6.775	1,192,888	614,804
1950	73,086	1.667	1,218	50.352	36,800	6.420	469,212	236,256
1951	47,010	1.667	784	49.138	23,100	6.094	286,479	140,771
1952	283,387	1.667	4,724	47.898	135,737	5.574	1,579,599	756,598
1953	147,283	1.667	2,455	46.634	68,684	4.878	718,446	335,041
1954	120,321	1.667	2,006	45.344	54,558	4.755	572,126	259,423
1955	73,656	1.667	1,228	44.029	32,430	4.579	337,271	148,497
1956	52,700	1.667	879	42.689	22,497	4.382	230,931	98,582
1957	90,323	1.667	1,506	41.324	37,325	4.185	378,002	156,205
1958	99,599	1.667	1,660	39.935	39,775	4.030	401,384	160,293
1959	111,136	1.667	1,853	38.523	42,813	3.757	417,538	160,848
1960	117,731	1.667	1,963	37.086	43,662	3.718	437,724	162,335
1961	59,428	1.667	991	35.628	21,173	3.646	216,674	77,197
1962	56,857	1.667	948	34.148	19,416	3.445	195,872	66,888
1963	67,275	1.667	1,121	32.647	21,963	3.277	220,460	71,973
1964	278,460	1.667	4,642	31.126	86,673	3.368	937,853	291,915
1965	97,932	1.667	1,633	29.587	28,975	3.205	313,872	92,865

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3660 UNDERGROUND CONDUIT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 60

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1966	171,223	1.667	2,854	28.030	47,994	2.929	501,512	140,574
1967	737,941	1.667	12,301	26.457	195,237	2.804	2,069,187	547,445
1968	410,770	1.667	6,848	24.870	102,158	2.706	1,111,544	276,440
1969	768,864	1.667	12,817	23.268	178,899	2.512	1,931,396	449,394
1970	445,935	1.667	7,434	21.654	96,563	2.454	1,094,324	235,966
1971	1,209,146	1.667	20,156	20.030	242,192	2.237	2,704,860	541,784
1972	1,508,811	1.667	25,152	18.396	277,561	2.049	3,091,554	568,722
1973	3,271,500	1.667	54,536	16.755	548,140	1.925	6,297,637	1,055,169
1974	1,207,989	1.667	20,137	15.106	182,479	1.616	1,952,110	294,886
1975	1,963,026	1.667	32,724	13.452	264,066	1.540	3,023,060	406,662
1976	2,173,108	1.667	36,226	11.794	256,296	1.459	3,170,565	373,936
1977	1,135,883	1.667	18,935	10.133	115,099	1.359	1,543,665	156,420
1978	1,836,844	1.667	30,620	8.470	155,581	1.257	2,308,913	195,565
1979	1,646,901	1.667	27,454	6.805	112,072	1.169	1,925,227	131,012
1980	1,398,834	1.667	23,319	5.139	71,886	1.072	1,499,550	77,062
1981	1,237,283	1.667	20,626	3.472	42,958	1.000	1,237,283	42,958
1982	956,575	1.667	15,946	1.806	17,276	1.000	956,575	17,276
1983	734,823	1.667	12,249	0.486	3,571	1.000	734,823	3,571
ASL TOTAL	25,990,473	1.667	433,264		4,562,947		63,923,993	22,043,224

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3670 UNDERGROUND CONDUCTORS&DEVICES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1903	72	2.857	2	100.000	72	3.358	242	242
1908	132	2.857	4	100.000	132	3.465	457	457
1910	4,508	2.857	129	100.000	4,508	3.465	15,620	15,620
1912	1,005	2.857	29	100.000	1,005	3.353	3,370	3,370
1915	364	2.857	10	100.000	364	3.005	1,094	1,094
1916	1,056	2.857	30	100.000	1,056	2.249	2,375	2,375
1917	884	2.857	25	100.000	884	1.989	1,758	1,758
1918	528	2.857	15	100.000	528	2.038	1,076	1,076
1921	47	2.857	1	100.000	47	2.401	113	113
1922	1,122	2.857	32	100.000	1,122	2.334	2,619	2,619
1923	1,336	2.857	38	100.000	1,336	2.069	2,764	2,764
1924	36,757	2.857	1,050	99.807	36,686	2.124	78,072	77,921
1925	4,474	2.857	128	99.344	4,445	1.988	8,894	8,837
1926	9,903	2.857	283	98.649	9,769	2.021	20,014	19,743
1927	20,679	2.857	591	97.766	20,217	2.136	44,170	43,184
1928	38,460	2.857	1,099	97.085	37,339	2.132	81,997	79,607
1929	4,067	2.857	116	96.408	3,921	1.997	8,122	7,830
1930	53,034	2.857	1,515	95.715	50,761	2.284	121,130	115,938
1931	4,317	2.857	123	95.011	4,102	2.692	11,621	11,043
1932	48,737	2.857	1,392	94.297	45,958	3.140	153,034	144,308
1933	77,155	2.857	2,204	93.574	72,197	2.976	229,613	214,858
1934	38,157	2.857	1,090	92.845	35,427	2.696	102,871	95,511
1935	51,092	2.857	1,460	92.114	47,063	2.568	131,204	120,858
1936	13,503	2.857	386	91.381	12,339	2.474	33,406	30,527
1937	10,667	2.857	305	90.640	9,669	2.173	23,179	21,011
1938	17,250	2.857	493	89.889	15,506	1.902	32,809	29,492
1939	19,741	2.857	564	89.118	17,593	1.919	37,883	33,761
1940	52,275	2.857	1,493	88.316	46,167	1.906	99,636	87,994
1941	12,545	2.857	358	87.475	10,974	1.865	23,396	20,467
1942	5,477	2.857	156	86.586	4,742	1.762	9,650	8,355
1943	4,771	2.857	136	85.642	4,086	1.769	8,440	7,228
1944	2,222	2.857	63	84.637	1,881	1.781	3,957	3,350
1945	8,898	2.857	254	83.565	7,436	1.797	15,990	13,362
1946	28,393	2.857	811	82.422	23,402	1.492	42,362	34,916
1947	14,790	2.857	423	81.204	12,010	1.137	16,816	13,655
1948	13,215	2.857	378	79.909	10,560	1.046	13,823	11,046
1949	88,522	2.857	2,529	78.536	69,522	1.073	94,984	74,597
1950	58,848	2.857	1,681	77.086	45,364	1.005	59,142	45,591
1951	83,126	2.857	2,375	75.559	62,809	.866	71,987	54,393
1952	120,338	2.857	3,438	73.956	88,997	.836	100,603	74,401
1953	53,429	2.857	1,526	72.280	38,618	.781	41,728	30,161
1954	109,246	2.857	3,121	70.534	77,056	.765	83,573	58,948
1955	120,838	2.857	3,452	68.721	83,041	.670	80,961	55,637
1956	47,566	2.857	1,359	66.845	31,795	.612	29,110	19,459
1957	83,226	2.857	2,378	64.909	54,021	.719	59,839	38,841
1958	68,056	2.857	1,944	62.916	42,818	.766	52,131	32,799
1959	420,309	2.857	12,008	60.868	255,834	.701	294,637	179,340
1960	129,816	2.857	3,709	58.769	76,292	.682	88,535	52,031
1961	70,947	2.857	2,027	56.621	40,171	.700	49,663	28,120
1962	143,650	2.857	4,104	54.426	78,183	.727	104,434	56,839
1963	196,669	2.857	5,619	52.186	102,634	.706	138,848	72,460
1964	359,318	2.857	10,266	49.902	179,307	.658	236,431	117,984
1965	258,228	2.857	7,378	47.577	122,857	.580	149,772	71,257
1966	331,287	2.857	9,465	45.210	149,775	.514	170,282	76,984
1967	426,720	2.857	12,191	42.803	182,649	.507	216,347	92,603
1968	655,652	2.857	18,732	40.357	264,601	.505	331,104	133,624
1969	1,153,296	2.857	32,950	37.875	436,811	.459	529,363	200,496
1970	1,139,152	2.857	32,546	35.358	402,781	.446	508,062	179,640
1971	2,392,384	2.857	68,350	32.806	784,845	.431	1,031,118	338,268

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3670 UNDERGROUND CONDUCTORS&DEVICES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1972	2,835,971	2.857	81,024	30.223	857,116	.029	82,243	24,856
1973	4,866,191	2.857	139,027	27.609	1,343,507	.025	121,655	33,588
1974	2,371,821	2.857	67,763	24.966	592,149	.022	52,180	13,027
1975	3,206,849	2.857	91,620	22.297	715,031	.545	1,747,733	389,692
1976	3,882,300	2.857	110,917	19.603	761,047	.496	1,925,621	377,479
1977	3,216,667	2.857	91,900	16.887	543,199	.455	1,463,583	247,156
1978	3,138,121	2.857	89,656	14.151	444,076	.421	1,321,149	186,956
1979	3,818,240	2.857	109,087	11.396	435,127	.392	1,496,750	170,570
1980	2,810,526	2.857	80,297	8.626	242,436	1.082	3,040,989	262,316
1981	3,163,953	2.857	90,394	5.840	184,775	1.000	3,163,953	184,775
1982	2,869,587	2.857	81,984	3.042	87,293	1.000	2,869,587	87,293
1983	1,874,963	2.857	53,568	0.820	15,375	1.000	1,874,963	15,375
ASL TOTAL	47,167,445	2.857	1,347,571		10,447,216		25,066,637	5,363,846

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3682 TRANSF OVERHEAD TYPE DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 29

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1949	493,680	3.448	17,022	74.753	369,041	2.581	1,274,188	952,495
1950	656,402	3.448	22,633	73.461	482,199	2.379	1,561,580	1,147,151
1951	650,386	3.448	22,425	72.141	469,195	2.198	1,429,548	1,031,291
1952	713,843	3.448	24,613	70.791	505,337	2.142	1,529,052	1,082,432
1953	810,482	3.448	27,945	69.408	562,539	2.053	1,663,920	1,154,893
1954	1,319,403	3.448	45,493	67.992	897,088	2.009	2,650,681	1,802,250
1955	1,693,468	3.448	58,391	66.540	1,126,834	1.997	3,381,856	2,250,287
1956	2,046,105	3.448	70,550	65.050	1,330,991	1.939	3,967,398	2,580,792
1957	2,224,608	3.448	76,704	63.520	1,413,071	1.829	4,068,808	2,584,507
1958	1,992,933	3.448	68,716	61.947	1,234,562	1.872	3,730,771	2,311,100
1959	2,751,721	3.448	94,879	60.330	1,660,113	1.913	5,264,042	3,175,796
1960	2,710,122	3.448	93,445	58.666	1,589,920	1.930	5,230,535	3,068,546
1961	2,517,727	3.448	86,811	56.951	1,433,871	1.988	5,005,241	2,850,536
1962	1,953,345	3.448	67,351	55.183	1,077,914	2.145	4,189,925	2,312,126
1963	1,913,452	3.448	65,976	53.359	1,020,999	2.249	4,303,354	2,296,227
1964	2,324,021	3.448	80,132	51.475	1,196,290	2.239	5,203,483	2,678,493
1965	2,204,158	3.448	75,999	49.528	1,091,675	2.193	4,833,718	2,394,043
1966	3,641,048	3.448	125,543	47.516	1,730,080	2.162	7,871,946	3,740,433
1967	4,522,012	3.448	155,919	45.433	2,054,486	2.079	9,401,263	4,271,276
1968	4,650,224	3.448	160,340	43.276	2,012,431	2.002	9,309,748	4,028,887
1969	4,603,240	3.448	158,720	41.041	1,889,216	2.034	9,362,990	3,842,665
1970	5,075,982	3.448	175,020	38.725	1,965,674	2.013	10,217,952	3,956,902
1971	4,932,191	3.448	170,062	36.323	1,791,520	2.060	10,160,313	3,690,531
1972	5,725,099	3.448	197,401	33.833	1,936,973	1.933	11,066,616	3,744,169
1973	6,358,233	3.448	219,232	31.250	1,986,948	1.835	11,667,358	3,646,050
1974	6,152,372	3.448	212,134	28.571	1,757,794	1.737	10,686,670	3,053,288
1975	4,278,480	3.448	147,522	25.795	1,103,634	1.672	7,153,619	1,845,276
1976	3,220,803	3.448	111,053	22.920	738,208	1.584	5,101,752	1,169,321
1977	5,510,775	3.448	190,012	19.945	1,099,124	1.502	8,277,184	1,650,884
1978	4,612,899	3.448	159,053	16.872	778,288	1.432	6,605,671	1,114,508
1979	5,760,687	3.448	198,628	13.704	789,445	1.367	7,874,859	1,079,171
1980	4,953,143	3.448	170,784	10.449	517,554	1.300	6,439,086	672,820
1981	7,600,830	3.448	262,077	7.116	540,875	1.000	7,600,830	540,875
1982	5,865,719	3.448	202,250	3.721	218,263	1.000	5,865,719	218,263
1983	3,011,175	3.448	103,825	1.005	30,262	1.000	3,011,175	30,262
ASL TOTAL	119,450,768	3.448	4,118,660		40,402,414		206,962,851	77,968,546

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3684 TRANSF SUBMERSIBLE OR PAD MTD DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 25

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1914	1,246	4.000	50	100.000	1,246	3.707	4,619	4,619
1915	220	4.000	9	100.000	220	3.707	816	816
1916	187	4.000	7	100.000	187	3.707	693	693
1918	459	4.000	18	100.000	459	3.707	1,702	1,702
1920	7,128	4.000	285	100.000	7,128	3.707	26,423	26,423
1921	1,370	4.000	55	100.000	1,370	3.707	5,079	5,079
1922	5,011	4.000	200	100.000	5,011	3.707	18,576	18,576
1923	1,831	4.000	73	100.000	1,831	3.707	6,788	6,788
1924	180	4.000	7	100.000	180	3.707	667	667
1926	1,224	4.000	49	100.000	1,224	3.707	4,537	4,537
1927	1,911	4.000	76	100.000	1,911	3.707	7,084	7,084
1929	12,460	4.000	498	100.000	12,460	3.707	46,189	46,189
1931	994	4.000	40	100.000	994	3.707	3,685	3,685
1932	13,227	4.000	529	100.000	13,227	3.707	49,032	49,032
1933	2,504	4.000	100	100.000	2,504	3.707	9,282	9,282
1934	10,385	4.000	415	100.000	10,385	3.707	38,497	38,497
1935	5,187	4.000	207	100.000	5,187	3.707	19,228	19,228
1936	10,197	4.000	408	100.000	10,197	3.707	37,800	37,800
1937	735	4.000	29	99.721	733	3.707	2,725	2,717
1938	2,924	4.000	117	99.053	2,896	3.673	10,740	10,637
1939	6,835	4.000	273	97.966	6,696	3.782	25,850	25,324
1944	918	4.000	37	91.912	844	3.659	3,359	3,088
1946	5,223	4.000	209	89.602	4,680	3.187	16,646	14,915
1947	5,799	4.000	232	88.437	5,128	2.739	15,883	14,046
1948	10,232	4.000	409	87.257	8,928	2.605	26,654	23,257
1949	6,159	4.000	246	86.054	5,300	2.581	15,896	13,679
1950	2,809	4.000	112	84.815	2,382	2.379	6,683	5,667
1951	8,038	4.000	322	83.530	6,714	2.198	17,668	14,757
1952	2,924	4.000	117	82.186	2,403	2.142	6,263	5,147
1953	13,321	4.000	533	80.775	10,760	2.053	27,348	22,090
1954	756	4.000	30	79.287	599	2.009	1,519	1,203
1955	3,200	4.000	128	77.716	2,487	1.997	6,390	4,967
1956	1,646	4.000	66	76.057	1,252	1.939	3,192	2,428
1957	385	4.000	15	74.307	286	1.829	704	523
1958	278	4.000	11	72.462	201	1.872	520	376
1959	4,227	4.000	169	70.522	2,981	1.913	8,086	5,703
1960	4,217	4.000	169	68.487	2,888	1.930	8,139	5,574
1961	12,056	4.000	482	66.356	8,000	1.988	23,967	15,904
1962	24,395	4.000	976	64.132	15,645	2.145	52,327	33,559
1963	37,708	4.000	1,508	61.816	23,310	2.249	84,805	52,424
1964	92,950	4.000	3,718	59.410	55,222	2.239	208,115	123,642
1965	102,701	4.000	4,108	56.917	58,454	2.193	225,223	128,190
1966	323,166	4.000	12,927	54.341	175,612	2.162	698,685	379,673
1967	338,172	4.000	13,527	51.683	174,777	2.079	703,060	363,361
1968	202,889	4.000	8,116	48.946	99,306	2.002	406,184	198,811
1969	326,647	4.000	13,066	46.135	150,699	2.034	664,400	306,522
1970	879,504	4.000	35,180	43.251	380,394	2.013	1,770,442	765,733
1971	1,418,548	4.000	56,742	40.297	571,632	2.060	2,922,209	1,177,562
1972	1,276,329	4.000	51,053	37.276	475,764	1.933	2,467,144	919,652
1973	2,648,467	4.000	105,939	34.190	905,511	1.835	4,859,937	1,661,613
1974	659,850	4.000	26,394	31.043	204,837	1.737	1,146,159	355,802
1975	533,841	4.000	21,354	27.835	148,595	1.672	892,582	248,451
1976	1,154,201	4.000	46,168	24.570	283,587	1.584	1,828,254	449,202
1977	1,325,329	4.000	53,013	21.250	281,632	1.502	1,990,644	423,011
1978	1,670,015	4.000	66,801	17.877	298,549	1.432	2,391,461	427,522
1979	1,830,161	4.000	73,206	14.453	264,513	1.367	2,501,830	361,589
1980	1,351,694	4.000	54,068	10.981	148,430	1.300	1,757,202	192,959
1981	2,631,749	4.000	105,270	7.463	196,407	1.000	2,631,749	196,407
1982	948,660	4.000	37,946	3.901	37,007	1.000	948,660	37,007

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3684 TRANSF SUBMERSIBLE OR PAD MTD DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 25

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1983	966,776	4.000	38,671	1.055	10,199	1.000	966,776	10,199
ASL TOTAL	20,912,155	4.000	836,483		5,111,961		32,626,777	9,285,590

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3686 TRANSF NON-NETWORK HOUSING DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1916	574	2.857	16	100.000	574	3.707	2,128	2,128
1948	3,825	2.857	109	72.432	2,771	2.605	9,964	7,218
1955	221	2.857	6	42.769	95	2.193	485	208
1966	6,228	2.857	178	40.658	2,532	2.162	13,465	5,474
1967	40,815	2.857	1,166	38.512	15,719	2.079	84,854	32,680
1968	82,579	2.857	2,359	36.332	30,003	2.002	165,323	60,066
1969	186,026	2.857	5,315	34.120	63,472	2.034	378,377	129,102
1970	167,213	2.857	4,777	31.877	53,302	2.013	336,600	107,297
1971	133,130	2.857	3,804	29.603	39,410	2.060	274,248	81,185
1972	120,674	2.857	3,448	27.299	32,943	1.933	233,263	63,679
1973	281,473	2.857	8,042	24.966	70,273	1.835	516,503	128,951
1974	90,748	2.857	2,593	22.604	20,513	1.737	157,629	35,631
1975	96,325	2.857	2,752	20.215	19,472	1.672	161,055	32,557
1976	95,469	2.857	2,728	17.799	16,993	1.584	151,223	26,917
1977	68,733	2.857	1,964	15.358	10,556	1.502	103,237	15,855
1978	57,644	2.857	1,647	12.891	7,431	1.432	82,546	10,641
1979	51,791	2.857	1,480	10.401	5,387	1.367	70,798	7,364
1980	32,432	2.857	927	7.887	2,558	1.300	42,162	3,325
1981	12,844	2.857	367	5.350	687	1.000	12,844	687
1982	16,934	2.857	484	2.792	473	1.000	16,934	473
1983	15,283	2.857	437	0.754	115	1.000	15,283	115
ASL TOTAL	1,560,961	2.857	44,599		395,279		2,828,921	751,553

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3690 SERVICES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 18

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1946	53,276	5.556	2,960	100.000	53,276	11.865	632,120	632,120
1947	99,137	5.556	5,508	100.000	99,137	9.554	947,155	947,155
1948	133,064	5.556	7,393	100.000	133,064	9.118	1,213,278	1,213,278
1949	132,563	5.556	7,365	100.000	132,563	9.230	1,223,556	1,223,556
1950	162,124	5.556	9,008	99.469	161,263	8.890	1,441,282	1,433,628
1951	210,095	5.556	11,673	98.195	206,303	8.248	1,732,864	1,701,587
1952	231,086	5.556	12,839	96.671	223,393	7.583	1,752,325	1,693,989
1953	273,677	5.556	15,205	94.910	259,747	6.904	1,889,466	1,793,293
1954	265,046	5.556	14,726	93.321	247,344	6.807	1,804,168	1,683,671
1955	382,763	5.556	21,266	91.738	351,139	6.200	2,373,131	2,177,062
1956	436,696	5.556	24,263	90.143	393,651	5.826	2,544,191	2,293,411
1957	488,519	5.556	27,142	88.536	432,515	6.297	3,076,204	2,723,547
1958	486,813	5.556	27,047	86.901	423,045	6.430	3,130,208	2,720,179
1959	580,752	5.556	32,267	85.214	494,882	5.949	3,454,894	2,944,053
1960	650,971	5.556	36,168	83.445	543,203	5.741	3,737,225	3,118,528
1961	928,673	5.556	51,597	81.563	757,454	5.604	5,204,283	4,244,772
1962	1,072,330	5.556	59,579	79.544	852,974	5.513	5,911,755	4,702,446
1963	712,047	5.556	39,561	77.366	550,882	5.388	3,836,509	2,968,152
1964	806,392	5.556	44,803	75.018	604,939	5.306	4,278,716	3,209,806
1965	997,223	5.556	55,406	72.489	722,877	5.039	5,025,007	3,642,577
1966	1,436,904	5.556	79,834	69.777	1,002,629	4.457	6,404,281	4,468,717
1967	1,878,172	5.556	104,351	66.880	1,256,121	4.126	7,749,338	5,182,755
1968	2,507,664	5.556	139,326	63.801	1,599,915	4.021	10,083,317	6,433,258
1969	4,451,843	5.556	247,344	60.546	2,695,413	3.617	16,102,316	9,749,309
1970	4,339,709	5.556	241,114	57.121	2,478,885	3.478	15,093,508	8,621,562
1971	5,304,040	5.556	294,692	53.531	2,839,306	3.272	17,354,819	9,290,209
1972	6,490,614	5.556	360,619	49.788	3,231,547	1.227	7,963,983	3,965,108
1973	7,161,027	5.556	397,867	45.896	3,286,625	1.180	8,450,012	3,878,217
1974	5,600,856	5.556	311,184	41.865	2,344,798	1.132	6,340,169	2,654,311
1975	5,392,124	5.556	299,586	37.702	2,032,939	1.116	6,017,610	2,268,760
1976	6,207,175	5.556	344,871	33.413	2,074,003	1.181	7,330,674	2,449,398
1977	6,082,354	5.556	337,936	29.006	1,764,248	1.128	6,860,895	1,990,072
1978	7,572,755	5.556	420,742	24.486	1,854,265	1.082	8,193,721	2,006,315
1979	8,128,272	5.556	451,607	19.859	1,614,194	1.025	8,331,479	1,654,549
1980	7,776,890	5.556	432,084	15.132	1,176,799	1.056	8,212,396	1,242,700
1981	7,269,995	5.556	403,921	10.311	749,609	1.000	7,269,995	749,609
1982	5,355,026	5.556	297,525	5.401	289,225	1.000	5,355,026	289,225
1983	2,633,036	5.556	146,291	1.464	38,548	1.000	2,633,036	38,548
ASL TOTAL	104,691,703	5.556	5,816,670		39,972,720		210,954,912	113,999,432

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3700 METERS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 30

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1934	2,171	3.333	72	99.093	2,151	4.128	8,962	8,879
1935	18,740	3.333	625	97.733	18,315	4.082	76,497	74,762
1936	16,997	3.333	567	96.929	16,475	4.099	69,671	67,531
1937	35,926	3.333	1,197	96.145	34,541	4.054	145,644	140,029
1938	29,915	3.333	997	95.345	28,522	4.103	122,741	117,026
1939	44,696	3.333	1,490	94.513	42,244	4.183	186,963	176,707
1940	104,912	3.333	3,497	93.673	98,274	4.183	438,847	411,080
1941	127,256	3.333	4,241	92.830	118,132	4.149	527,985	490,130
1942	36,503	3.333	1,217	91.979	33,575	4.086	149,151	137,187
1943	17,642	3.333	588	91.125	16,076	4.086	72,085	65,687
1944	31,565	3.333	1,052	90.262	28,491	4.086	128,975	116,414
1945	82,126	3.333	2,737	89.371	73,397	4.086	335,567	299,900
1946	177,754	3.333	5,925	88.446	157,216	3.778	671,555	593,962
1947	338,642	3.333	11,287	87.471	296,214	3.314	1,122,260	981,653
1948	234,292	3.333	7,809	86.431	202,501	3.059	716,699	619,451
1949	277,686	3.333	9,255	85.315	236,908	3.023	839,445	716,173
1950	342,943	3.333	11,430	84.113	288,460	2.883	988,705	831,630
1951	429,220	3.333	14,306	82.816	355,463	2.784	1,194,948	989,609
1952	408,007	3.333	13,599	81.419	332,195	2.786	1,136,708	925,495
1953	386,740	3.333	12,890	79.917	309,071	2.697	1,043,038	833,564
1954	463,731	3.333	15,456	78.311	363,152	2.635	1,221,931	956,906
1955	655,233	3.333	21,839	76.598	501,895	2.717	1,780,268	1,363,649
1956	566,493	3.333	18,881	74.781	423,629	2.607	1,476,847	1,104,401
1957	475,679	3.333	15,854	72.863	346,594	2.471	1,175,403	856,434
1958	753,001	3.333	25,098	70.849	533,494	2.415	1,818,497	1,288,388
1959	694,269	3.333	23,140	68.741	477,247	2.339	1,623,895	1,116,281
1960	739,563	3.333	24,650	66.548	492,164	2.312	1,709,870	1,137,883
1961	1,011,000	3.333	33,697	64.274	649,810	2.317	2,342,487	1,505,610
1962	1,323,598	3.333	44,116	61.922	819,598	2.311	3,058,835	1,894,091
1963	1,323,461	3.333	44,111	59.500	787,459	2.303	3,047,931	1,813,518
1964	1,155,365	3.333	38,508	57.009	658,662	2.306	2,664,272	1,518,875
1965	1,231,144	3.333	41,034	54.454	670,407	2.290	2,819,320	1,535,232
1966	1,242,844	3.333	41,424	51.837	644,253	2.259	2,807,585	1,455,368
1967	1,235,739	3.333	41,187	49.161	607,502	2.212	2,733,455	1,343,794
1968	1,317,912	3.333	43,926	46.428	611,880	2.131	2,808,470	1,303,916
1969	922,197	3.333	30,737	43.640	402,447	2.045	1,885,893	823,004
1970	974,204	3.333	32,470	40.800	397,475	1.930	1,880,214	767,127
1971	1,054,547	3.333	35,148	37.908	399,758	1.996	2,104,876	797,917
1972	1,698,322	3.333	56,605	34.968	593,869	1.862	3,162,276	1,105,784
1973	1,405,604	3.333	46,849	31.983	449,554	1.818	2,555,388	817,289
1974	1,681,844	3.333	56,056	28.954	486,961	1.786	3,003,773	869,712
1975	1,781,641	3.333	59,382	25.885	461,178	1.592	2,836,372	734,195
1976	1,732,181	3.333	57,734	22.779	394,574	1.442	2,497,805	568,976
1977	1,758,068	3.333	58,596	19.640	345,285	1.620	2,848,070	559,362
1978	1,875,368	3.333	62,506	16.470	308,873	1.232	2,310,453	380,532
1979	2,246,469	3.333	74,875	13.272	298,151	1.306	2,933,889	389,385
1980	2,505,533	3.333	83,509	10.051	251,831	1.182	2,961,540	297,664
1981	3,985,552	3.333	132,838	6.808	271,336	1.000	3,985,552	271,336
1982	3,571,602	3.333	119,041	3.548	126,720	1.000	3,571,602	126,720
1983	1,865,083	3.333	62,163	0.957	17,849	1.000	1,865,083	17,849
ASL TOTAL	46,390,980	3.333	1,546,211		16,481,828		83,468,298	37,318,067

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3714 AREA LIGHTING FIXTURES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L1- 10

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1962	22	10.000	2	80.830	18	2.145	47	39
1963	158,423	10.000	15,842	78.687	124,658	2.249	356,293	280,356
1964	116,045	10.000	11,604	76.528	88,807	2.239	259,825	198,839
1965	58,344	10.000	5,834	74.323	43,363	2.193	127,948	95,095
1966	57,847	10.000	5,785	72.053	41,680	2.162	125,065	90,112
1967	61,863	10.000	6,186	69.703	43,120	2.079	128,613	89,646
1968	74,190	10.000	7,419	67.262	49,902	2.002	148,528	99,904
1969	80,506	10.000	8,051	64.719	52,103	2.034	163,749	105,978
1970	108,555	10.000	10,855	62.064	67,374	2.013	218,521	135,624
1971	101,325	10.000	10,132	59.287	60,073	2.060	208,729	123,750
1972	124,554	10.000	12,455	56.375	70,217	1.933	240,763	135,729
1973	125,606	10.000	12,561	53.318	66,971	1.835	230,487	122,892
1974	92,759	10.000	9,276	50.103	46,475	1.737	161,122	80,727
1975	113,121	10.000	11,312	46.716	52,846	1.672	189,138	88,359
1976	126,707	10.000	12,671	43.142	54,664	1.584	200,704	86,588
1977	97,806	10.000	9,781	39.362	38,498	1.502	146,905	57,824
1978	104,122	10.000	10,412	35.246	36,699	1.432	149,103	52,553
1979	205,407	10.000	20,541	30.467	62,581	1.367	280,791	85,548
1980	233,960	10.000	23,396	24.689	57,762	1.300	304,148	75,091
1981	237,645	10.000	23,764	17.758	42,201	1.000	237,645	42,201
1982	103,834	10.000	10,383	9.702	10,074	1.000	103,834	10,074
ASL TOTAL	2,382,641	10.000	238,262		1,110,086		3,981,958	2,056,929

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3732 ST LGT&SIG SYS-MERCURY VAPOR DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 18

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1942	7,202	5.556	400	100.000	7,202	6.658	47,951	47,951
1947	1,184	5.556	66	99.555	1,179	5.017	5,940	5,915
1949	1,238	5.556	69	97.390	1,206	4.390	5,435	5,294
1951	19,852	5.556	1,103	95.453	18,949	3.956	78,535	74,962
1952	12,819	5.556	712	94.452	12,108	3.746	48,020	45,357
1954	5,343	5.556	297	92.245	4,929	3.542	18,925	17,459
1955	66,571	5.556	3,699	91.049	60,612	3.492	232,466	211,657
1957	18,430	5.556	1,024	88.468	16,305	3.228	59,492	52,633
1958	92,872	5.556	5,160	87.077	80,870	3.241	300,998	262,100
1959	15,432	5.556	857	85.611	13,211	3.165	48,842	41,813
1960	28,042	5.556	1,558	84.064	23,573	3.152	88,388	74,302
1961	70,049	5.556	3,892	82.426	57,739	3.148	220,514	181,762
1962	143,277	5.556	7,960	80.689	115,609	3.059	438,284	353,648
1963	220,640	5.556	12,259	78.840	173,953	3.034	669,422	527,773
1964	431,315	5.556	23,964	76.868	331,543	2.983	1,286,613	988,993
1965	994,047	5.556	55,229	74.758	743,130	2.834	2,817,129	2,106,030
1966	964,123	5.556	53,567	72.497	698,960	2.669	2,573,244	1,865,524
1967	864,588	5.556	48,037	70.067	605,791	2.539	2,195,189	1,538,103
1968	1,176,254	5.556	65,353	67.450	793,383	2.443	2,873,589	1,938,235
1969	1,032,175	5.556	57,348	64.629	667,084	2.378	2,454,512	1,586,326
1970	865,946	5.556	48,112	61.585	533,293	2.273	1,968,295	1,212,175
1971	882,805	5.556	49,049	58.298	514,658	2.087	1,842,414	1,074,091
1972	874,207	5.556	48,571	54.753	478,655	1.930	1,687,220	923,804
1973	901,219	5.556	50,072	50.937	459,054	1.828	1,647,428	839,151
1974	835,503	5.556	46,421	46.840	391,350	1.677	1,401,139	656,294
1975	1,039,761	5.556	57,769	42.463	441,514	1.573	1,635,544	694,502
1976	665,726	5.556	36,988	37.814	251,738	1.447	963,306	364,265
1977	730,563	5.556	40,591	32.913	240,457	1.336	976,059	321,251
1978	1,008,515	5.556	56,033	27.792	280,286	1.260	1,270,729	353,160
1979	800,556	5.556	44,479	22.493	180,069	1.190	952,662	214,282
1980	1,252,090	5.556	69,566	17.066	213,682	1.066	1,334,728	227,785
1981	945,240	5.556	52,518	11.560	109,270	1.000	945,240	109,270
1982	937,410	5.556	52,082	6.017	56,404	1.000	937,410	56,404
1983	689,886	5.556	38,330	1.620	11,176	1.000	689,886	11,176
ASL TOTAL	18,594,900	5.556	1,033,135		8,588,942		34,715,548	18,983,447

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3734 ST LGT&SIG SYS-OTHER SYSTEMS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S2- 18

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1937	48	5.556	3	100.000	48	7.617	366	366
1939	199	5.556	11	100.000	199	7.497	1,492	1,492
1940	156	5.556	9	100.000	156	7.431	1,159	1,159
1941	136	5.556	8	100.000	136	7.331	997	997
1942	1,533	5.556	85	100.000	1,533	6.658	10,207	10,207
1943	909	5.556	51	100.000	909	6.652	6,047	6,047
1944	260	5.556	14	100.000	260	6.635	1,725	1,725
1945	3,771	5.556	210	100.000	3,771	6.629	24,998	24,998
1946	14,712	5.556	817	100.000	14,712	5.872	86,389	86,389
1947	17,579	5.556	977	99.555	17,501	5.017	88,194	87,803
1948	51,938	5.556	2,886	98.487	51,152	4.673	242,706	239,033
1949	68,950	5.556	3,831	97.390	67,150	4.390	302,690	294,708
1950	56,183	5.556	3,122	96.365	54,141	4.272	240,014	231,290
1951	75,005	5.556	4,167	95.453	71,595	3.956	296,720	283,230
1952	116,799	5.556	6,489	94.452	110,319	3.746	437,529	413,255
1953	124,225	5.556	6,902	93.383	116,005	3.613	448,825	419,126
1954	120,202	5.556	6,678	92.245	110,880	3.542	425,755	392,737
1955	139,784	5.556	7,766	91.049	127,272	3.492	488,126	444,434
1956	183,396	5.556	10,189	89.790	164,671	3.334	611,442	549,013
1957	168,313	5.556	9,351	88.468	148,903	3.228	543,314	480,659
1958	153,017	5.556	8,502	87.077	133,243	3.241	495,928	431,841
1959	202,594	5.556	11,256	85.611	173,443	3.165	641,210	548,947
1960	239,077	5.556	13,283	84.064	200,978	3.152	753,571	633,483
1961	320,015	5.556	17,780	82.426	263,776	3.148	1,007,407	830,367
1962	195,634	5.556	10,869	80.689	157,855	3.059	598,444	482,878
1963	253,848	5.556	14,104	78.840	200,134	3.034	770,175	607,207
1964	193,767	5.556	10,766	76.868	148,945	2.983	578,007	444,303
1965	224,839	5.556	12,492	74.758	168,085	2.834	637,194	476,353
1966	107,791	5.556	5,989	72.497	78,145	2.669	287,694	208,569
1967	89,457	5.556	4,970	70.067	62,680	2.539	227,131	159,145
1968	58,076	5.556	3,227	67.450	39,172	2.443	141,880	95,697
1969	87,015	5.556	4,835	64.629	56,237	2.378	206,922	133,732
1970	31,406	5.556	1,745	61.585	19,341	2.273	71,386	43,962
1971	35,958	5.556	1,998	58.298	20,969	2.087	75,065	43,762
1972	35,587	5.556	1,977	54.753	19,485	1.930	68,683	37,606
1973	15,272	5.556	849	50.937	7,779	1.828	27,917	14,220
1974	16,019	5.556	890	46.840	7,503	1.677	26,864	12,583
1975	23,699	5.556	1,317	42.463	10,063	1.573	37,279	15,829
1976	20,907	5.556	1,162	37.814	7,906	1.447	30,252	11,440
1977	14,885	5.556	827	32.913	4,899	1.336	19,886	6,545
1978	29,884	5.556	1,660	27.792	8,305	1.260	37,654	10,464
1979	11,894	5.556	661	22.493	2,675	1.190	14,154	3,183
1980	21,192	5.556	1,177	17.066	3,617	1.066	22,591	3,856
1981	46,491	5.556	2,583	11.560	5,374	1.000	46,491	5,374
1982	6,674	5.556	371	6.017	402	1.000	6,674	402
ASL TOTAL	3,579,106	5.556	198,856		2,862,324		11,089,154	9,230,496

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3890 LAND AND LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1892	1,696					1.000	1,696	
1896	1,989					1.000	1,989	
1903	2,503					1.000	2,503	
1907	68,576					1.000	68,576	
1910	241					1.000	241	
1911	135					1.000	135	
1912	11,764					1.000	11,764	
1913	3,540					1.000	3,540	
1914	39,827					1.000	39,827	
1916	2,322					1.000	2,322	
1917	10,163					1.000	10,163	
1919	78					1.000	78	
1920	13,113					1.000	13,113	
1922	1,367					1.000	1,367	
1923	1,555					1.000	1,555	
1924	38,296					1.000	38,296	
1926	4,083					1.000	4,083	
1927	838					1.000	838	
1928	769,144					1.000	769,144	
1929	49,513					1.000	49,513	
1934	5,074					1.000	5,074	
1935	38,186					1.000	38,186	
1937	614					1.000	614	
1938	6,987					1.000	6,987	
1939	2,437					1.000	2,437	
1940	33,784					1.000	33,784	
1941	10,648					1.000	10,648	
1942	295					1.000	295	
1945	437					1.000	437	
1946	373					1.000	373	
1948	20,979					1.000	20,979	
1949	1,085					1.000	1,085	
1951	4,578					1.000	4,578	
1953	8,056					1.000	8,056	
1954	47,332					1.000	47,332	
1955	8,553					1.000	8,553	
1956	4,335					1.000	4,335	
1957	30,722					1.000	30,722	
1958	2,664					1.000	2,664	
1960	1,323					1.000	1,323	
1961	6,766					1.000	6,766	
1962	21,260					1.000	21,260	
1965	11,122					1.000	11,122	
1966	9,827					1.000	9,827	
1967	28,444					1.000	28,444	
1968	58,152					1.000	58,152	
1969	46,334					1.000	46,334	
1970	116,179					1.000	116,179	
1971	227,784					1.000	227,784	
1972	246,529					1.000	246,529	
1973	1,653,067					1.000	1,653,067	
1974	117,893					1.000	117,893	
1975	400,161					1.000	400,161	
1976	17,380					1.000	17,380	
1977	136,218					1.000	136,218	
1979	163,240					1.000	163,240	
1980	61,018					1.000	61,018	
1981	836,953					1.000	836,953	
1983	179,283					1.000	179,283	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3890 LAND AND LAND RIGHTS DEPRECIATION DATE -- JULY 31, 1983

NON-DEPRECIABLE ACCOUNT

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
TOTAL	5,586,815						5,586,815	

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3902 STRUC & IMP-BUILDINGS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 40

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1907	4,986	2.500	125	96.329	4,803	25.468	126,983	122,323
1910	37	2.500	1	93.585	35	26.381	976	923
1911	32,706	2.500	818	92.658	30,305	26.381	862,817	799,476
1912	53,609	2.500	1,340	91.726	49,173	26.381	1,414,259	1,297,233
1915	2,032	2.500	51	88.905	1,807	23.243	47,230	42,000
1916	2,177	2.500	54	87.956	1,915	20.008	43,557	38,315
1917	1,349	2.500	34	87.002	1,174	16.219	21,879	19,041
1918	15,734	2.500	393	86.044	13,538	14.194	223,328	192,158
1919	964	2.500	24	85.082	820	13.066	12,596	10,714
1920	2,850	2.500	71	84.116	2,397	11.357	32,367	27,223
1921	336	2.500	8	83.144	279	13.218	4,441	3,688
1922	12,964	2.500	324	82.168	10,652	13.726	177,944	146,209
1923	713	2.500	18	81.188	579	12.530	8,934	7,255
1924	164,504	2.500	4,113	80.202	131,935	12.271	2,018,629	1,618,974
1925	108,766	2.500	2,719	79.212	86,156	12.235	1,330,752	1,054,119
1926	1,581	2.500	40	78.216	1,237	12.035	19,027	14,887
1927	109,218	2.500	2,730	77.215	84,333	12.223	1,334,972	1,030,802
1928	2,655,200	2.500	66,380	76.208	2,023,475	12.344	32,775,789	24,977,775
1929	286,366	2.500	7,159	75.196	215,336	12.480	3,573,848	2,687,393
1930	6,044	2.500	151	74.178	4,483	12.945	78,240	58,032
1931	9,435	2.500	236	73.154	6,902	13.489	127,269	93,101
1932	4,305	2.500	108	72.124	3,105	14.034	60,416	43,576
1933	998	2.500	25	71.088	709	14.242	14,214	10,098
1934	2,974	2.500	74	70.045	2,083	13.622	40,512	28,375
1935	34,742	2.500	869	68.995	23,970	13.562	471,171	325,081
1936	425,039	2.500	10,626	67.938	288,763	13.190	5,606,264	3,808,784
1937	11,932	2.500	298	66.875	7,980	12.505	149,210	99,790
1938	10,955	2.500	274	65.803	7,209	12.517	137,124	90,235
1939	13,163	2.500	329	64.724	8,520	12.455	163,945	106,117
1940	15,156	2.500	379	63.637	9,645	12.295	186,343	118,585
1941	3,381	2.500	85	62.542	2,115	12.070	40,809	25,528
1942	5,112	2.500	128	61.439	3,141	10.403	53,180	32,676
1943	3,322	2.500	83	60.326	2,004	10.283	34,160	20,607
1944	13,167	2.500	329	59.204	7,795	10.141	133,527	79,049
1945	17,500	2.500	437	58.073	10,163	9.964	174,370	101,264
1946	99,227	2.500	2,481	56.932	56,492	8.570	850,375	484,136
1947	53,356	2.500	1,334	55.781	29,763	7.840	418,311	233,342
1948	71,332	2.500	1,783	54.619	38,961	7.274	518,869	283,402
1949	62,404	2.500	1,560	53.446	33,352	6.882	429,464	229,528
1950	33,153	2.500	829	52.261	17,326	6.462	214,235	111,961
1951	407,806	2.500	10,195	51.065	208,246	5.805	2,367,314	1,208,868
1952	128,224	2.500	3,206	49.856	63,927	5.378	689,589	343,799
1953	163,751	2.500	4,094	48.634	79,639	5.068	829,890	403,610
1954	278,560	2.500	6,964	47.398	132,032	5.040	1,403,942	665,441
1955	406,872	2.500	10,172	46.148	187,763	4.782	1,945,662	897,883
1956	440,383	2.500	11,010	44.883	197,657	4.562	2,009,027	901,711
1957	1,687,492	2.500	47,187	43.603	823,003	4.392	8,289,865	3,614,629
1958	41,070	2.500	1,027	42.306	17,375	4.223	173,439	73,375
1959	11,084	2.500	277	40.992	4,544	4.041	44,790	18,362
1960	7,791	2.500	195	39.660	3,090	3.959	30,845	12,233
1961	36,978	2.500	924	38.310	14,166	3.879	143,438	54,950
1962	267,293	2.500	6,682	36.939	98,735	3.790	1,013,040	374,206
1963	363	2.500	9	35.548	129	3.616	1,313	466
1964	11,774	2.500	294	34.135	4,019	3.629	42,728	14,585
1965	12,004	2.500	300	32.698	3,925	3.427	41,138	13,451
1966	125,822	2.500	3,146	31.237	39,303	3.113	391,684	122,350
1967	533,488	2.500	13,337	29.749	158,707	2.968	1,583,392	471,042
1968	694,420	2.500	17,360	28.234	196,063	2.831	1,965,903	555,054
1969	1,632,294	2.500	40,807	26.689	435,643	2.610	4,260,287	1,137,028

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3902 STRUC & IMP-BUILDINGS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 40

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	4,322,067	2.500	108,052	25.114	1,085,444	2.524	10,908,897	2,739,661
1971	2,378,407	2.500	59,460	23.504	559,021	2.251	5,353,794	1,258,356
1972	5,219,242	2.500	130,481	21.859	1,140,874	2.065	10,777,735	2,355,905
1973	14,549,413	2.500	363,735	20.175	2,935,344	1.946	28,313,158	5,712,179
1974	1,186,090	2.500	29,652	18.449	218,822	1.698	2,013,981	371,560
1975	13,231,730	2.500	330,793	16.678	2,206,788	1.569	20,760,584	3,462,450
1976	825,803	2.500	20,645	14.859	122,706	1.467	1,211,453	180,010
1977	362,684	2.500	9,067	12.986	47,098	1.357	492,162	63,912
1978	2,101,182	2.500	52,530	11.054	232,265	1.250	2,626,478	290,331
1979	4,831,118	2.500	120,778	9.056	437,506	1.168	5,642,746	511,007
1980	4,311,040	2.500	107,776	6.985	301,126	1.079	4,651,612	324,915
1981	1,864,777	2.500	46,619	4.829	90,050	1.000	1,864,777	90,050
1982	6,132,532	2.500	153,313	2.572	157,729	1.000	6,132,532	157,729
1983	8,324,800	2.500	208,120	0.710	59,106	1.000	8,324,800	59,106
ASL TOTAL	81,081,143	2.500	2,027,027		15,486,275		190,234,331	68,933,989

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3904 STRUC & IMP-AIR COND EQUIP DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 20

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1939	330	5.000	16	100.000	330	7.824	2,582	2,582
1940	366	5.000	18	100.000	366	7.938	2,905	2,905
1950	12,391	5.000	620	98.722	12,233	4.820	59,725	58,963
1951	330,555	5.000	16,528	97.618	322,681	4.534	1,498,736	1,463,036
1952	2,072	5.000	104	96.341	1,996	4.489	9,301	8,960
1953	304,578	5.000	15,229	95.190	289,928	4.319	1,315,472	1,252,199
1954	251,351	5.000	12,568	93.983	236,227	4.261	1,071,007	1,006,563
1955	156,911	5.000	7,846	92.742	145,522	4.127	647,572	600,569
1956	58,370	5.000	2,918	91.485	53,400	3.944	230,211	210,610
1957	477,246	5.000	23,862	90.204	430,495	3.628	1,731,448	1,561,836
1958	14,336	5.000	717	88.859	12,740	3.544	50,807	45,151
1959	761	5.000	38	87.436	665	3.400	2,587	2,261
1960	770	5.000	38	85.861	661	3.375	2,599	2,231
1961	40,690	5.000	2,034	84.103	34,222	3.434	139,729	117,518
1962	120,152	5.000	6,008	82.133	98,684	3.387	406,955	334,243
1963	5,894	5.000	295	79.934	4,711	3.382	19,934	15,933
1964	7,425	5.000	371	77.496	5,754	3.336	24,770	19,195
1967	44,093	5.000	2,205	68.804	30,338	3.153	139,025	95,656
1968	8,763	5.000	438	65.492	5,739	3.133	27,454	17,980
1969	99,051	5.000	4,953	62.002	61,414	3.002	297,351	184,365
1970	342,733	5.000	17,137	58.349	199,981	2.884	988,442	576,745
1971	155,817	5.000	7,791	54.546	84,992	2.845	443,299	241,802
1972	250,699	5.000	12,535	50.604	126,864	2.809	704,213	356,361
1973	2,759,864	5.000	137,993	46.531	1,284,192	2.620	7,230,844	3,364,583
1974	82,817	5.000	4,141	42.334	35,060	1.981	164,060	69,454
1975	1,085,489	5.000	54,274	38.020	412,703	1.645	1,785,629	678,896
1976	139,895	5.000	6,995	33.597	47,001	1.527	213,620	71,771
1977	5,588	5.000	279	29.074	1,625	1.411	7,885	2,293
1978	72,288	5.000	3,614	24.460	17,682	1.285	92,890	22,721
1979	137,392	5.000	6,870	19.766	27,157	1.166	160,199	31,665
1980	84,859	5.000	4,243	15.003	12,731	1.073	91,054	13,660
1981	31,325	5.000	1,566	10.182	3,190	1.000	31,325	3,190
1982	1,065,982	5.000	53,299	5.313	56,636	1.000	1,065,982	56,636
ASL TOTAL	8,150,853	5.000	407,543		4,057,920		20,659,612	12,492,533

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3906 STRUC & IMP-HOLTWOOD OPER VILG DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 31

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1912	18,087	3.226	583	71.524	12,937	26.381	477,153	341,291
1914	409	3.226	13	70.429	288	24.187	9,892	6,966
1917	735	3.226	24	68.727	505	16.219	11,921	8,191
1921	925	3.226	30	66.342	614	13.218	12,227	8,116
1923	105	3.226	3	65.099	68	12.530	1,316	852
1925	168	3.226	5	63.824	107	12.235	2,055	1,309
1926	7,368	3.226	238	63.173	4,655	12.035	88,674	56,023
1927	1,444	3.226	47	62.513	903	12.223	17,650	11,037
1928	14,756	3.226	476	61.845	9,126	12.344	182,148	112,651
1929	181	3.226	6	61.168	111	12.480	2,259	1,385
1930	7,089	3.226	229	60.481	4,287	12.945	91,767	55,495
1931	1,736	3.226	56	59.785	1,038	13.489	23,417	14,002
1934	1,272	3.226	41	57.638	733	13.622	17,327	9,985
1938	1,566	3.226	51	54.632	856	12.517	19,602	10,715
1939	1,279	3.226	41	53.854	689	12.455	15,930	8,581
1940	79	3.226	3	53.064	42	12.295	971	516
1941	7,947	3.226	256	52.263	4,153	12.070	95,920	50,127
1942	757	3.226	24	51.450	389	10.403	7,875	4,047
1943	269	3.226	9	50.626	136	10.283	2,766	1,398
1946	8,650	3.226	279	48.076	4,159	8.570	74,130	35,643
1947	602	3.226	19	47.201	284	7.840	4,720	2,227
1948	1,235	3.226	40	46.313	572	7.274	8,983	4,161
1949	9,083	3.226	293	45.410	4,125	6.882	62,509	28,388
1950	9,063	3.226	292	44.494	4,032	6.462	58,565	26,055
1951	327,261	3.226	10,557	43.564	142,568	5.805	1,899,750	827,607
1952	9,055	3.226	292	42.619	3,859	5.378	48,698	20,754
1954	52,341	3.226	1,689	40.684	21,294	5.040	263,799	107,322
1965	108	3.226	3	28.862	31	3.427	370	106
1967	282	3.226	9	26.474	75	2.968	837	223
1979	152,708	3.226	4,926	9.056	13,829	1.168	178,363	16,152
1980	186,360	3.226	6,012	7.132	13,291	1.079	201,082	14,341
1982	6,485	3.226	209	2.783	180	1.000	6,485	180
ASL TOTAL	829,405	3.226	26,755		249,936		3,689,161	1,785,846

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3912 OFF FURN & EQUIP-FURNITURE DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	4,523	2.941	133	91.043	4,118	8.930	40,390	36,774
1932	193	2.941	6	90.191	174	10.303	1,988	1,793
1933	2,363	2.941	69	89.336	2,111	10.303	24,346	21,750
1934	2,151	2.941	63	88.476	1,903	8.930	19,208	16,994
1935	1,789	2.941	53	87.609	1,567	7.661	13,706	12,005
1936	8,925	2.941	262	86.731	7,741	7.661	68,374	59,304
1937	10,604	2.941	312	85.837	9,102	7.439	78,883	67,710
1938	2,008	2.941	59	84.923	1,705	8.680	17,429	14,799
1939	4,717	2.941	139	83.984	3,962	7.888	37,208	31,252
1940	6,099	2.941	179	83.016	5,063	7.439	45,370	37,664
1941	7,200	2.941	212	82.014	5,905	5.784	41,645	34,155
1942	914	2.941	27	80.976	740	6.272	5,733	4,641
1943	452	2.941	13	79.896	361	6.272	2,835	2,264
1944	2,390	2.941	70	78.772	1,883	6.272	14,990	11,810
1945	2,002	2.941	59	77.603	1,554	5.784	11,580	8,988
1946	13,968	2.941	411	76.386	10,670	5.784	80,791	61,715
1947	10,736	2.941	316	75.119	8,065	4.005	42,998	32,300
1948	21,839	2.941	642	73.802	16,118	4.005	87,465	64,553
1949	37,516	2.941	1,103	72.434	27,174	4.005	150,252	108,832
1950	27,711	2.941	815	71.015	19,679	3.852	106,743	75,804
1951	74,341	2.941	2,186	69.544	51,700	3.515	261,309	181,725
1952	29,999	2.941	882	68.021	20,406	3.557	106,706	72,584
1953	51,418	2.941	1,512	66.447	34,166	3.504	180,169	119,718
1954	86,226	2.941	2,536	64.823	55,894	3.464	298,687	193,617
1955	47,020	2.941	1,383	63.148	29,692	3.313	155,777	98,370
1956	67,763	2.941	1,993	61.425	41,623	3.086	209,117	128,449
1957	102,676	2.941	3,020	59.653	61,249	2.910	298,787	178,235
1958	28,974	2.941	852	57.834	16,757	2.830	81,996	47,422
1959	7,551	2.941	222	55.969	4,226	2.819	21,286	11,913
1960	12,544	2.941	369	54.059	6,781	2.793	35,035	18,939
1961	21,723	2.941	639	52.105	11,319	2.801	60,846	31,705
1962	47,139	2.941	1,386	50.109	23,621	2.789	131,471	65,879
1963	23,587	2.941	694	48.071	11,339	2.779	65,548	31,511
1964	16,588	2.941	488	45.994	7,629	2.766	45,882	21,102
1965	25,504	2.941	750	43.877	11,190	2.753	70,213	30,806
1966	23,812	2.941	700	41.722	9,935	2.700	64,292	26,824
1967	58,222	2.941	1,712	39.530	23,015	2.569	149,572	59,126
1968	64,160	2.941	1,887	37.303	23,934	2.473	158,668	59,189
1969	89,395	2.941	2,629	35.040	31,324	2.379	212,671	74,520
1970	216,757	2.941	6,375	32.744	70,975	2.250	487,703	159,694
1971	189,863	2.941	5,584	30.414	57,745	2.180	413,901	125,884
1972	270,223	2.941	7,947	28.053	75,806	2.141	578,547	162,301
1973	1,188,623	2.941	34,957	25.660	305,001	1.989	2,364,171	606,647
1974	175,203	2.941	5,153	23.238	40,714	1.689	295,918	68,766
1975	485,842	2.941	14,289	20.785	100,982	1.544	750,140	155,916
1976	1,078,065	2.941	31,706	18.305	197,340	1.485	1,600,927	293,050
1977	123,595	2.941	3,635	15.796	19,523	1.385	171,179	27,039
1978	194,961	2.941	5,734	13.261	25,854	1.281	249,745	33,119
1979	597,812	2.941	17,582	10.701	63,972	1.162	694,658	74,335
1980	621,564	2.941	18,280	8.115	50,440	1.092	678,748	55,080
1981	516,899	2.941	15,202	5.506	28,460	1.000	516,899	28,460
1982	1,609,047	2.941	47,322	2.874	46,244	1.000	1,609,047	46,244
1983	682,902	2.941	20,084	0.776	5,299	1.000	682,902	5,299
ASL TOTAL	8,998,098	2.941	264,633		1,693,750		14,594,451	3,998,575

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3914 OFF FURN & EQUIP-MECH EQUIP DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L1- 20

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	780	5.000	39	94.471	737	4.095	3,194	3,018
1932	359	5.000	18	92.058	330	4.095	1,470	1,351
1933	280	5.000	14	90.210	253	4.095	1,147	1,036
1934	190	5.000	9	88.692	169	4.005	761	677
1935	415	5.000	21	87.370	363	3.828	1,589	1,390
1936	2,304	5.000	115	86.168	1,985	3.828	8,820	7,599
1937	2,037	5.000	102	85.039	1,732	3.825	7,792	6,625
1938	527	5.000	26	83.953	442	3.535	1,863	1,562
1939	1,241	5.000	62	82.892	1,029	3.535	4,387	3,638
1940	5,380	5.000	269	81.844	4,403	3.535	19,018	15,565
1941	7,935	5.000	397	80.799	6,411	3.535	28,050	22,663
1942	618	5.000	31	79.751	493	3.535	2,185	1,743
1943	24	5.000	1	78.697	19	3.535	85	67
1944	18	5.000	1	77.633	14	3.535	64	49
1945	980	5.000	49	76.557	750	3.390	3,322	2,542
1946	6,339	5.000	317	75.465	4,784	2.944	18,662	14,084
1947	7,242	5.000	362	74.357	5,385	2.565	18,576	13,813
1948	12,543	5.000	627	73.230	9,185	2.565	32,173	23,560
1949	9,186	5.000	459	72.084	6,622	2.565	23,562	16,985
1950	5,969	5.000	298	70.917	4,233	2.490	14,863	10,540
1951	11,024	5.000	551	69.728	7,687	2.185	24,087	16,796
1952	11,360	5.000	568	68.516	7,783	2.139	24,299	16,648
1953	11,256	5.000	563	67.279	7,573	2.023	22,771	15,320
1954	15,283	5.000	764	66.016	10,089	1.978	30,230	19,956
1955	13,936	5.000	697	64.726	9,020	1.773	24,709	15,992
1956	17,417	5.000	871	63.408	11,044	1.715	29,870	18,940
1957	13,719	5.000	686	62.061	8,514	1.581	21,690	13,461
1958	20,117	5.000	1,006	60.683	12,208	1.506	30,296	18,385
1959	8,452	5.000	423	59.272	5,010	1.506	12,729	7,545
1960	8,809	5.000	440	57.828	5,094	1.506	13,266	7,672
1961	16,651	5.000	833	56.349	9,383	1.505	25,060	14,121
1962	18,363	5.000	918	54.834	10,069	1.477	27,122	14,872
1963	11,559	5.000	578	53.281	6,159	1.483	17,142	9,134
1964	13,185	5.000	659	51.688	6,815	1.490	19,646	10,154
1965	27,483	5.000	1,374	50.053	13,756	1.480	40,675	20,359
1966	23,768	5.000	1,188	48.376	11,498	1.453	34,535	16,707
1967	25,751	5.000	1,288	46.654	12,014	1.430	36,824	17,180
1968	42,842	5.000	2,142	44.885	19,230	1.430	61,264	27,499
1969	34,220	5.000	1,711	43.068	14,738	1.406	48,113	20,722
1970	41,161	5.000	2,058	41.200	16,958	1.359	55,938	23,046
1971	84,405	5.000	4,220	39.279	33,154	1.409	118,928	46,714
1972	101,208	5.000	5,060	37.287	37,737	1.398	141,489	52,756
1973	153,821	5.000	7,691	35.176	54,108	1.388	213,504	75,102
1974	99,462	5.000	4,973	32.889	32,712	1.306	129,897	42,722
1975	86,294	5.000	4,315	30.378	26,214	1.224	105,624	32,086
1976	90,612	5.000	4,531	27.608	25,016	1.210	109,641	30,269
1977	70,972	5.000	3,549	24.554	17,426	1.190	84,457	20,737
1978	113,890	5.000	5,694	21.205	24,150	1.153	131,315	27,845
1979	133,172	5.000	6,659	17.559	23,384	1.105	147,155	25,839
1980	95,838	5.000	4,792	13.627	13,060	1.044	100,055	13,635
1981	153,910	5.000	7,695	9.430	14,514	1.000	153,910	14,514
1982	186,674	5.000	9,334	5.000	9,334	1.000	186,674	9,334
1983	36,743	5.000	1,837	1.367	502	1.000	36,743	502
ASL TOTAL	1,857,725	5.000	92,885		565,292		2,451,241	865,071

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3922 TRANSP EQUIP-MOTOR VEHICLES DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 10

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1967	21,298	10.000	2,130	96.538	20,561	1.406	29,945	28,909
1968	24,476	10.000	2,448	94.294	23,079	1.359	33,263	31,364
1969	26,789	10.000	2,679	92.192	24,697	1.409	37,746	34,798
1970	3,151	10.000	315	89.820	2,830	1.398	4,405	3,956
1973	6,204	10.000	620	79.872	4,955	1.224	7,594	6,065
1974	37,896	10.000	3,790	74.862	28,370	1.210	45,854	34,328
1975	4,029	10.000	403	68.930	2,777	1.190	4,795	3,305
1976	4,618	10.000	462	62.195	2,872	1.153	5,325	3,311
1977	5,772	10.000	577	54.789	3,162	1.105	6,378	3,494
ASL TOTAL	134,233	10.000	13,424		113,303		175,305	149,530

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3924 TRANSP EQUIP-TRAILERS DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 35

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1920	21	2.857	1	92.659	19	3.380	71	64
1923	107	2.857	3	89.448	96	4.996	535	480
1924	38	2.857	1	88.366	34	5.054	192	172
1925	1,304	2.857	37	87.280	1,138	5.157	6,725	5,869
1926	1,016	2.857	29	86.187	876	5.434	5,521	4,760
1927	2,002	2.857	57	85.088	1,703	5.651	11,313	9,624
1928	359	2.857	10	83.983	301	5.594	2,008	1,684
1930	864	2.857	25	81.755	706	5.780	4,994	4,081
1931	421	2.857	12	80.632	339	6.068	2,555	2,057
1933	303	2.857	9	78.366	237	6.531	1,979	1,548
1934	67	2.857	2	77.223	52	6.205	416	323
1936	2,958	2.857	85	74.914	2,216	6.524	19,298	14,457
1938	167	2.857	5	72.575	121	5.693	951	689
1941	93	2.857	3	69.005	64	5.255	489	336
1942	90	2.857	3	67.797	61	4.826	434	294
1946	170	2.857	5	62.867	107	4.062	691	435
1947	2,622	2.857	75	61.608	1,615	3.535	9,269	5,709
1948	6,783	2.857	194	60.337	4,093	3.232	21,923	13,229
1949	746	2.857	21	59.055	441	3.069	2,289	1,353
1950	1,852	2.857	53	57.760	1,070	3.069	5,684	3,284
1951	3,519	2.857	101	56.452	1,987	2.927	10,300	5,816
1952	9,211	2.857	263	55.130	5,078	2.766	25,478	14,046
1953	2,591	2.857	74	53.794	1,394	2.780	7,203	3,875
1954	403	2.857	12	52.444	211	2.770	1,116	584
1955	469	2.857	13	51.077	240	2.689	1,261	645
1957	422	2.857	12	48.295	204	2.441	1,030	498
1958	2,300	2.857	66	46.877	1,078	2.364	5,437	2,548
1959	2,022	2.857	58	45.441	919	2.314	4,679	2,127
1960	5,190	2.857	148	43.984	2,283	2.342	12,155	5,347
1961	3,898	2.857	111	42.506	1,657	2.356	9,184	3,904
1962	2,833	2.857	81	41.006	1,162	2.362	6,692	2,745
1963	3,207	2.857	92	39.483	1,266	2.376	7,620	3,008
1964	3,478	2.857	99	37.935	1,319	2.361	8,212	3,114
1965	9,546	2.857	273	36.361	3,471	2.356	22,490	8,178
1966	14,235	2.857	407	34.758	4,948	2.354	33,509	11,648
1967	6,978	2.857	199	33.126	2,312	2.324	16,217	5,373
1968	14,174	2.857	405	31.463	4,460	2.262	32,062	10,089
1969	15,627	2.857	446	29.765	4,651	2.221	34,708	10,330
1970	23,276	2.857	665	28.032	6,525	2.148	49,997	14,016
1971	14,084	2.857	402	26.259	3,698	2.069	29,140	7,651
1972	149,133	2.857	4,261	24.446	36,457	2.010	299,757	73,279
1973	33,567	2.857	959	22.587	7,582	1.991	66,832	15,096
1974	23,245	2.857	664	20.678	4,807	1.837	42,701	8,830
1975	4,663	2.857	133	18.717	873	1.640	7,647	1,432
1976	6,005	2.857	172	16.697	1,003	1.543	9,266	1,548
ASL TOTAL	376,059	2.857	10,746		114,874		842,030	286,175

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3930 STORES EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S1- 30

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	539	3.333	18	92.724	500	7.820	4,215	3,910
1932	23	3.333	1	91.785	21	8.768	202	184
1935	276	3.333	9	88.877	245	8.158	2,252	1,999
1936	1,850	3.333	62	87.878	1,626	7.419	13,725	12,063
1937	491	3.333	16	86.865	427	6.804	3,341	2,905
1938	1,023	3.333	34	85.838	878	6.804	6,960	5,974
1939	760	3.333	25	84.792	644	7.102	5,398	4,574
1940	1,157	3.333	39	83.731	969	7.028	8,131	6,810
1941	353	3.333	12	82.653	292	7.007	2,473	2,046
1942	749	3.333	25	81.556	611	7.007	5,248	4,281
1943	48	3.333	2	80.439	39	7.007	336	273
1944	137	3.333	5	79.304	109	7.007	960	764
1945	749	3.333	25	78.146	585	6.783	5,080	3,968
1946	3,906	3.333	130	76.967	3,006	6.352	24,811	19,094
1947	52	3.333	2	75.765	39	5.577	290	218
1948	210	3.333	7	74.538	157	4.970	1,044	780
1949	955	3.333	32	73.285	700	4.673	4,463	3,271
1950	13,029	3.333	434	72.006	9,382	4.551	59,295	42,697
1951	689	3.333	23	70.698	487	4.333	2,985	2,110
1952	15,103	3.333	503	69.359	10,475	4.247	64,142	44,487
1953	7,537	3.333	251	67.990	5,124	4.042	30,465	20,711
1954	963	3.333	32	66.586	641	3.822	3,681	2,450
1955	3,471	3.333	116	65.148	2,261	3.656	12,690	8,266
1956	7,995	3.333	266	63.672	5,091	3.581	28,630	18,231
1957	10,620	3.333	354	62.157	6,601	3.280	34,834	21,651
1958	3,617	3.333	121	60.600	2,192	3.221	11,650	7,060
1959	120	3.333	4	58.999	71	3.164	380	225
1960	906	3.333	30	57.352	520	3.119	2,826	1,622
1961	2,357	3.333	79	55.656	1,312	3.078	7,255	4,038
1962	6,043	3.333	201	53.908	3,258	3.013	18,208	9,816
1963	4,302	3.333	143	52.106	2,242	2.998	12,897	6,722
1964	4,023	3.333	134	50.246	2,021	2.969	11,944	6,000
1965	8,325	3.333	277	48.324	4,023	2.931	24,401	11,791
1966	8,766	3.333	292	46.339	4,062	2.831	24,817	11,500
1967	14,560	3.333	485	44.287	6,448	2.768	40,302	17,848
1968	26,072	3.333	869	42.163	10,993	2.665	69,482	29,296
1969	42,695	3.333	1,423	39.965	17,063	2.572	109,812	43,886
1970	78,273	3.333	2,609	37.690	29,501	2.430	190,203	71,687
1971	79,530	3.333	2,651	35.332	28,100	2.322	184,669	65,248
1972	157,047	3.333	5,234	32.891	51,654	2.256	354,298	116,531
1973	107,804	3.333	3,596	30.362	32,756	2.177	234,863	71,310
1974	79,605	3.333	2,653	27.742	22,084	1.926	153,319	42,534
1975	291,571	3.333	9,718	25.031	72,983	1.640	478,176	119,692
1976	7,741	3.333	258	22.228	1,721	1.517	11,743	2,611
1977	90,317	3.333	3,010	19.330	17,458	1.413	127,618	24,668
1978	110,876	3.333	3,695	16.343	18,120	1.311	145,358	23,755
1979	214,382	3.333	7,145	13.267	28,442	1.200	257,258	34,130
1980	6,032	3.333	201	10.110	610	1.093	6,593	667
1981	61,527	3.333	2,051	6.882	4,234	1.000	61,527	4,234
1982	133,538	3.333	4,451	3.598	4,805	1.000	133,538	4,805
1983	134,660	3.333	4,488	0.971	1,308	1.000	134,660	1,308
ASL TOTAL	1,747,454	3.333	58,241		418,891		3,133,448	966,701

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3940 TOOLS & WORK EQUIP-L&S LINE CW DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R3- 45

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	1,882	2.222	42	86.067	1,620	9.596	18,060	15,546
1932	114	2.222	3	85.311	97	10.283	1,172	997
1933	274	2.222	6	84.516	232	10.283	2,818	2,386
1934	904	2.222	20	83.681	756	8.896	8,042	6,725
1935	462	2.222	10	82.802	383	8.896	4,110	3,407
1936	3,284	2.222	73	81.879	2,689	8.896	29,214	23,921
1937	1,092	2.222	24	80.911	884	8.042	8,782	7,109
1938	446	2.222	10	79.895	356	7.962	3,551	2,834
1939	1,368	2.222	30	78.832	1,078	7.884	10,785	8,499
1940	1,484	2.222	33	77.722	1,153	7.508	11,142	8,657
1941	1,598	2.222	36	76.566	1,224	7.110	11,362	8,703
1942	250	2.222	6	75.363	188	7.110	1,777	1,337
1943	85	2.222	2	74.115	63	6.980	593	440
1944	661	2.222	15	72.822	481	6.746	4,459	3,245
1945	1,538	2.222	34	71.486	1,099	6.746	10,375	7,414
1946	3,902	2.222	87	70.110	2,736	5.874	22,920	16,071
1947	5,113	2.222	114	68.693	3,512	5.308	27,140	18,642
1948	13,903	2.222	309	67.238	9,348	4.991	69,390	46,656
1949	9,030	2.222	201	65.745	5,937	4.915	44,382	29,180
1950	7,013	2.222	156	64.218	4,504	4.603	32,281	20,732
1951	11,175	2.222	248	62.658	7,002	4.257	47,572	29,808
1952	7,596	2.222	169	61.064	4,638	4.289	32,579	19,892
1953	5,921	2.222	132	59.439	3,519	4.195	24,839	14,762
1954	1,434	2.222	32	57.784	829	4.105	5,887	3,403
1955	1,585	2.222	35	56.101	889	3.922	6,216	3,487
1956	8,010	2.222	178	54.389	4,357	3.564	28,548	15,528
1957	22,760	2.222	506	52.649	11,983	3.335	75,905	39,963
1958	34,438	2.222	765	50.883	17,523	3.279	112,922	57,458
1959	5,359	2.222	119	49.091	2,631	3.182	17,052	8,372
1960	5,141	2.222	114	47.275	2,430	3.146	16,174	7,645
1961	11,177	2.222	248	45.433	5,078	3.163	35,353	16,062
1962	22,615	2.222	503	43.567	9,853	3.152	71,282	31,057
1963	8,000	2.222	178	41.678	3,334	3.143	25,144	10,479
1964	13,647	2.222	303	39.766	5,427	3.126	42,661	16,965
1965	12,231	2.222	272	37.832	4,627	3.106	37,989	14,371
1966	17,300	2.222	384	35.876	6,207	2.978	51,519	18,484
1967	32,465	2.222	721	33.899	11,005	2.876	93,369	31,650
1968	52,541	2.222	1,167	31.903	16,762	2.788	146,484	46,732
1969	48,693	2.222	1,082	29.887	14,553	2.692	131,082	39,177
1970	36,156	2.222	803	27.854	10,071	2.535	91,655	25,530
1971	32,178	2.222	715	25.802	8,303	2.420	77,871	20,093
1972	67,283	2.222	1,495	23.735	15,970	2.354	158,384	37,593
1973	123,229	2.222	2,738	21.652	26,682	2.269	279,607	60,541
1974	61,844	2.222	1,374	19.554	12,093	1.906	117,875	23,049
1975	10,555	2.222	235	17.443	1,841	1.614	17,036	2,971
1976	7,554	2.222	168	15.320	1,157	1.519	11,475	1,757
1977	20,087	2.222	446	13.185	2,648	1.429	28,704	3,784
1978	4,771	2.222	106	11.039	527	1.332	6,355	702
1979	2,975	2.222	66	8.883	264	1.223	3,638	323
1980	18,533	2.222	412	6.719	1,245	1.092	20,238	1,360
1981	21,464	2.222	477	4.547	976	1.000	21,464	976
1982	29,479	2.222	655	2.367	698	1.000	29,479	698
1983	18,667	2.222	415	0.638	119	1.000	18,667	119
ASL TOTAL	831,266	2.222	18,472		253,581		2,207,380	837,292

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3942 SHOP EQUIPMENT-HAZ SERV DEPOT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R1- 32

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	22	3.125	1	87.927	19	9.596	211	182
1932	1,734	3.125	54	86.935	1,507	10.283	17,831	15,496
1933	276	3.125	9	85.924	237	10.283	2,838	2,437
1936	1,162	3.125	36	82.757	962	8.896	10,337	8,558
1937	179	3.125	6	81.655	146	8.042	1,440	1,174
1938	6,278	3.125	196	80.528	5,056	7.962	49,985	40,256
1939	605	3.125	19	79.377	480	7.864	4,770	3,784
1940	575	3.125	18	78.201	450	7.508	4,317	3,379
1941	1,410	3.125	44	76.998	1,086	7.110	10,025	7,721
1942	20	3.125	1	75.769	15	7.110	142	107
1943	331	3.125	10	74.512	247	6.980	2,310	1,724
1944	781	3.125	24	73.228	572	6.746	5,269	3,859
1945	3,110	3.125	97	71.914	2,237	6.746	20,980	15,091
1946	926	3.125	29	70.571	653	5.874	5,439	3,836
1947	945	3.125	30	69.198	654	5.308	5,016	3,471
1948	2,267	3.125	71	67.794	1,537	4.991	11,315	7,671
1949	1,321	3.125	41	66.359	877	4.915	6,493	4,310
1950	3,174	3.125	99	64.892	2,060	4.603	14,610	9,482
1951	12,094	3.125	378	63.392	7,667	4.257	51,484	32,638
1952	1,547	3.125	48	61.860	957	4.289	6,635	4,105
1953	2,526	3.125	79	60.294	1,523	4.195	10,597	6,389
1954	672	3.125	21	58.695	394	4.105	2,759	1,617
1955	807	3.125	25	57.061	460	3.922	3,165	1,804
1956	3,088	3.125	97	55.393	1,711	3.564	11,006	6,098
1957	9,097	3.125	284	53.691	4,884	3.335	30,338	16,288
1958	894	3.125	28	51.955	464	3.279	2,931	1,521
1961	337	3.125	11	46.546	157	3.163	1,066	497
1962	2,026	3.125	63	44.679	905	3.152	6,386	2,853
1964	1,987	3.125	62	40.850	812	3.126	6,211	2,538
1965	526	3.125	16	38.893	205	3.106	1,634	637
1966	479	3.125	15	36.908	177	2.978	1,426	527
1967	3,589	3.125	112	34.897	1,252	2.876	10,322	3,601
1968	1,580	3.125	49	32.863	519	2.788	4,405	1,447
1971	3,008	3.125	94	26.635	801	2.420	7,279	1,938
1972	13,782	3.125	431	24.523	3,380	2.354	32,443	7,957
1973	742	3.125	23	22.396	166	2.269	1,684	377
1974	5,547	3.125	173	20.254	1,123	1.906	10,573	2,140
1975	20,719	3.125	647	18.097	3,750	1.614	33,440	6,052
1976	4,157	3.125	130	15.924	662	1.519	6,314	1,006
1977	4,670	3.125	146	13.735	641	1.429	6,673	916
1978	1,689	3.125	53	11.528	195	1.332	2,250	260
1979	2,628	3.125	82	9.302	244	1.223	3,214	298
1982	47,000	3.125	1,469	2.501	1,175	1.000	47,000	1,175
ASL TOTAL	170,307	3.125	5,321		53,019		474,563	237,217

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3944 TOOLS & WORK EQUIP-CONST DEPT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE S0- 34

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	73	2.941	2	82.349	60	9.596	701	576
1933	3,950	2.941	116	80.037	3,161	10.283	40,618	32,505
1934	17	2.941	0	78.870	13	8.896	151	116
1935	227	2.941	7	77.696	176	8.896	2,019	1,566
1936	1,820	2.941	54	76.515	1,393	8.896	16,191	12,392
1937	295	2.941	9	75.326	222	8.042	2,372	1,785
1938	829	2.941	24	74.128	615	7.962	6,600	4,897
1939	683	2.941	20	72.923	498	7.884	5,385	3,926
1940	3,988	2.941	117	71.709	2,860	7.508	29,942	21,473
1941	481	2.941	14	70.486	339	7.110	3,420	2,410
1942	792	2.941	23	69.254	548	7.110	5,631	3,896
1943	2,242	2.941	66	68.013	1,525	6.980	15,649	10,644
1944	656	2.941	19	66.761	438	6.746	4,425	2,955
1945	1,966	2.941	58	65.499	1,288	6.746	13,263	8,689
1946	4,377	2.941	129	64.227	2,811	5.874	25,710	16,512
1947	7,933	2.941	233	62.943	4,993	5.308	42,108	26,503
1948	10,414	2.941	306	61.647	6,420	4.991	51,976	32,042
1949	10,364	2.941	305	60.340	6,254	4.915	50,939	30,738
1950	13,155	2.941	387	59.019	7,764	4.603	60,552	35,738
1951	4,854	2.941	143	57.686	2,800	4.257	20,663	11,920
1952	4,316	2.941	127	56.338	2,432	4.289	18,511	10,431
1953	5,976	2.941	176	54.976	3,285	4.195	25,069	13,781
1954	4,250	2.941	125	53.599	2,278	4.105	17,446	9,351
1955	8,291	2.941	244	52.205	4,328	3.922	32,517	16,974
1956	1,958	2.941	58	50.797	995	3.564	6,978	3,546
1957	13,724	2.941	404	49.370	6,776	3.335	45,770	22,598
1958	9,267	2.941	273	47.924	4,441	3.279	30,386	14,562
1959	14,383	2.941	423	46.460	6,682	3.182	45,767	21,262
1960	12,990	2.941	382	44.974	5,842	3.146	40,867	18,379
1961	6,240	2.941	184	43.468	2,712	3.163	19,737	8,578
1962	9,048	2.941	266	41.938	3,795	3.152	28,519	11,962
1963	12,732	2.941	374	40.385	5,142	3.143	40,017	16,161
1964	10,852	2.941	319	38.806	4,211	3.126	33,923	13,164
1965	11,928	2.941	351	37.201	4,437	3.106	37,048	13,781
1966	34,165	2.941	1,005	35.566	12,151	2.978	101,743	36,186
1967	70,128	2.941	2,062	33.901	23,774	2.876	201,688	68,374
1968	72,940	2.941	2,145	32.204	23,490	2.788	203,357	65,490
1969	52,742	2.941	1,551	30.472	16,072	2.692	141,981	43,266
1970	63,650	2.941	1,872	28.703	18,269	2.535	161,353	46,312
1971	60,137	2.941	1,769	26.893	16,173	2.420	145,532	39,139
1972	1,533	2.941	45	25.041	384	2.354	3,609	904
1973	252,843	2.941	7,436	23.142	58,513	2.269	573,701	132,766
1974	4,579	2.941	135	21.193	970	1.906	8,728	1,849
1975	77,921	2.941	2,292	19.188	14,951	1.614	125,764	24,131
1976	306,586	2.941	9,017	17.123	52,497	1.519	465,704	79,743
1977	107,884	2.941	3,173	14.992	16,174	1.429	154,166	23,113
1978	213,062	2.941	6,266	12.787	27,244	1.332	283,799	36,289
1979	2,958	2.941	87	10.499	311	1.223	3,618	380
1980	110,080	2.941	3,237	8.118	8,936	1.092	120,207	9,758
1981	115,268	2.941	3,390	5.628	6,487	1.000	115,268	6,487
1982	63,232	2.941	1,860	3.006	1,901	1.000	63,232	1,901
1983	88,615	2.941	2,606	0.832	737	1.000	88,615	737
ASL TOTAL	1,893,394	2.941	55,686		400,568		3,782,935	1,072,638

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3946 TOOLS & WORK EQUIP-OTHER DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R2- 39

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1922	1,011	2.564	26	92.046	931	9.211	9,312	8,575
1931	616	2.564	16	85.229	525	9.596	5,911	5,038
1932	2,315	2.564	59	84.419	1,954	10.283	23,805	20,093
1933	1,403	2.564	36	83.589	1,173	10.283	14,427	12,062
1934	1,776	2.564	46	82.734	1,469	8.896	15,799	13,068
1935	4,171	2.564	107	81.854	3,414	8.896	37,105	30,371
1936	15,019	2.564	385	80.944	12,157	8.896	133,609	108,149
1937	8,591	2.564	220	80.003	6,873	8.042	69,089	55,273
1938	1,484	2.564	38	79.029	1,173	7.962	11,816	9,339
1939	6,199	2.564	159	78.021	4,837	7.884	48,873	38,135
1940	3,197	2.564	82	76.977	2,461	7.508	24,003	18,477
1941	8,643	2.564	222	75.896	6,560	7.110	61,452	46,642
1942	592	2.564	15	74.777	443	7.110	4,209	3,150
1943	2,850	2.564	73	73.620	2,098	6.980	19,893	14,644
1944	2,744	2.564	70	72.424	1,987	6.746	18,511	13,404
1945	5,372	2.564	138	71.189	3,824	6.746	36,240	25,797
1946	7,882	2.564	202	69.914	5,511	5.874	46,299	32,372
1947	26,015	2.564	667	68.600	17,846	5.308	138,088	94,727
1948	22,693	2.564	582	67.248	15,261	4.991	113,261	76,168
1949	14,403	2.564	369	65.856	9,485	4.915	70,791	46,619
1950	9,959	2.564	255	64.426	6,416	4.603	45,841	29,533
1951	10,802	2.564	277	62.958	6,801	4.257	45,984	28,952
1952	9,219	2.564	236	61.453	5,665	4.289	39,540	24,297
1953	12,632	2.564	324	59.912	7,568	4.195	52,991	31,748
1954	8,977	2.564	230	58.334	5,237	4.105	36,851	21,498
1955	15,966	2.564	409	56.722	9,056	3.922	62,619	35,518
1956	6,227	2.564	160	55.075	3,430	3.564	22,193	12,225
1957	13,770	2.564	353	53.394	7,352	3.335	45,923	24,519
1958	13,754	2.564	353	51.680	7,108	3.279	45,099	23,307
1959	8,101	2.564	208	49.934	4,045	3.182	25,777	12,871
1960	5,242	2.564	134	48.157	2,524	3.146	16,491	7,941
1961	7,149	2.564	183	46.349	3,313	3.163	22,612	10,479
1962	11,595	2.564	297	44.512	5,161	3.152	36,547	16,267
1963	8,163	2.564	209	42.645	3,481	3.143	25,656	10,941
1964	7,932	2.564	203	40.750	3,232	3.126	24,795	10,103
1965	32,563	2.564	835	38.827	12,643	3.106	101,141	39,269
1966	40,489	2.564	1,038	36.877	14,931	2.978	120,576	44,465
1967	65,825	2.564	1,688	34.900	22,973	2.876	189,313	66,070
1968	26,481	2.564	679	32.898	8,712	2.788	73,829	24,289
1969	46,874	2.564	1,202	30.871	14,470	2.692	126,185	38,953
1970	34,511	2.564	885	28.819	9,946	2.535	87,485	25,213
1971	32,801	2.564	841	26.744	8,772	2.420	79,378	21,228
1972	95,093	2.564	2,438	24.645	23,436	2.354	223,849	55,168
1973	66,591	2.564	1,707	22.524	14,999	2.269	151,095	34,033
1974	53,066	2.564	1,361	20.380	10,815	1.906	101,144	20,613
1975	87,777	2.564	2,251	18.215	15,989	1.614	141,672	25,806
1976	121,919	2.564	3,126	16.029	19,542	1.519	185,195	29,684
1977	129,116	2.564	3,311	13.822	17,846	1.429	184,507	25,502
1978	134,370	2.564	3,445	11.596	15,582	1.332	178,981	20,755
1979	157,150	2.564	4,029	9.351	14,695	1.223	192,194	17,972
1980	115,957	2.564	2,973	7.088	8,219	1.092	126,625	8,975
1981	106,904	2.564	2,741	4.806	5,138	1.000	106,904	5,138
1982	152,516	2.564	3,911	2.507	3,824	1.000	152,516	3,824
1983	111,997	2.564	2,872	0.677	758	1.000	111,997	758
ASL TOTAL	1,898,464	2.564	48,676		423,661		4,085,998	1,480,017

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3948 TRANSP EQUIP-GARAGE EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 25

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1929	6,942	4.000	278	69.295	4,810	8.342	57,910	40,125
1931	154	4.000	6	67.849	104	9.596	1,478	998
1932	58	4.000	2	67.108	39	10.283	596	401
1934	230	4.000	9	65.587	151	8.896	2,046	1,343
1935	762	4.000	30	64.808	494	8.896	6,779	4,395
1936	755	4.000	30	64.016	483	8.896	6,716	4,297
1937	2,391	4.000	96	63.210	1,511	8.042	19,228	12,151
1938	520	4.000	21	62.391	324	7.962	4,140	2,580
1939	381	4.000	15	61.559	235	7.884	3,004	1,853
1940	1,402	4.000	56	60.712	851	7.508	10,526	6,389
1941	959	4.000	38	59.851	574	7.110	6,818	4,081
1942	72	4.000	3	58.976	42	7.110	512	299
1943	130	4.000	5	58.085	76	6.980	907	530
1944	34	4.000	1	57.179	19	6.746	229	128
1945	1,401	4.000	56	56.257	788	6.746	9,451	5,316
1946	859	4.000	34	55.319	475	5.874	5,046	2,790
1947	1,554	4.000	62	54.365	845	5.308	8,249	4,485
1948	3,328	4.000	133	53.393	1,777	4.991	16,610	8,869
1949	1,611	4.000	64	52.404	844	4.915	7,918	4,148
1950	863	4.000	35	51.397	444	4.603	3,972	2,044
1951	3,053	4.000	122	50.371	1,538	4.257	12,997	6,547
1952	4,772	4.000	191	49.327	2,354	4.289	20,467	10,096
1953	719	4.000	29	48.263	347	4.195	3,016	1,456
1954	86	4.000	3	47.179	41	4.105	353	168
1955	616	4.000	25	46.075	284	3.922	2,416	1,114
1956	2,793	4.000	112	44.950	1,255	3.564	9,954	4,473
1957	23,834	4.000	953	43.803	10,440	3.335	79,486	34,817
1958	282	4.000	11	42.634	120	3.279	925	393
1959	44	4.000	2	41.442	18	3.182	140	57
1960	2,372	4.000	95	40.226	954	3.146	7,462	3,001
1961	10,141	4.000	406	38.987	3,954	3.163	32,076	12,507
1962	9,407	4.000	376	37.723	3,549	3.152	29,651	11,186
1963	3,402	4.000	136	36.433	1,239	3.143	10,692	3,894
1964	7,684	4.000	307	35.118	2,698	3.126	24,020	8,434
1965	13,036	4.000	521	33.776	4,403	3.106	40,490	13,676
1966	954	4.000	38	32.407	309	2.978	2,841	920
1967	442	4.000	18	31.009	137	2.876	1,271	394
1968	9,210	4.000	368	29.583	2,725	2.788	25,677	7,597
1969	15,790	4.000	632	28.127	4,441	2.692	42,507	11,955
1970	27,341	4.000	1,094	26.640	7,284	2.535	69,309	18,465
1971	37,174	4.000	1,487	25.123	9,339	2.420	89,961	22,600
1972	103,180	4.000	4,127	23.569	24,318	2.354	242,886	57,245
1973	54,227	4.000	2,169	21.971	11,914	2.269	123,041	27,033
1974	75,474	4.000	3,019	20.318	15,335	1.906	143,853	29,229
1975	470,124	4.000	18,805	18.599	87,438	1.614	758,780	141,125
1976	39,023	4.000	1,561	16.805	6,558	1.519	59,276	9,962
1977	71,588	4.000	2,864	14.921	10,682	1.429	102,299	15,265
1978	439,593	4.000	17,584	12.934	56,857	1.332	585,538	75,734
1979	241,865	4.000	9,675	10.823	26,177	1.223	295,801	32,014
1980	214,938	4.000	8,598	8.561	18,401	1.092	234,712	20,094
1981	289,102	4.000	11,564	6.107	17,655	1.000	289,102	17,655
1982	193,337	4.000	7,733	3.384	6,543	1.000	193,337	6,543
1983	378,940	4.000	15,158	0.981	3,717	1.000	378,940	3,717
ASL TOTAL	2,768,949	4.000	110,757		357,910		4,085,411	716,588

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3950 LABORATORY EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE R4- 45

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	2,369	2.222	53	91.086	2,158	3.575	8,469	7,715
1932	2,627	2.222	58	90.418	2,375	3.575	9,392	8,491
1933	1,006	2.222	22	89.716	903	3.437	3,458	3,104
1934	2,080	2.222	46	88.973	1,851	3.117	6,483	5,770
1935	4,480	2.222	100	88.181	3,951	3.117	13,964	12,315
1936	12,868	2.222	286	87.331	11,238	3.117	40,110	35,029
1937	6,498	2.222	144	86.415	5,615	3.114	20,235	17,485
1938	1,570	2.222	35	85.427	1,341	3.230	5,071	4,331
1939	2,546	2.222	57	84.361	2,148	3.230	8,224	6,938
1940	4,324	2.222	96	83.214	3,598	3.230	13,967	11,622
1941	5,619	2.222	125	81.988	4,607	3.230	18,149	14,881
1942	961	2.222	21	80.685	775	3.230	3,104	2,503
1943	194	2.222	4	79.314	154	3.230	627	497
1944	4,551	2.222	101	77.883	3,544	3.230	14,700	11,447
1945	5,633	2.222	125	76.406	4,304	3.230	18,195	13,902
1946	8,580	2.222	191	74.892	6,426	3.026	25,963	19,445
1947	11,065	2.222	246	73.344	8,116	2.641	29,223	21,434
1948	14,271	2.222	317	71.761	10,241	2.434	34,736	24,927
1949	16,579	2.222	368	70.142	11,629	2.421	40,138	28,154
1950	14,267	2.222	317	68.488	9,771	2.306	32,900	22,532
1951	7,430	2.222	165	66.796	4,963	2.202	16,361	10,929
1952	25,610	2.222	569	65.066	16,663	2.147	54,985	35,775
1953	25,066	2.222	557	63.299	15,867	2.085	52,263	33,083
1954	15,061	2.222	335	61.495	9,262	2.048	30,845	18,969
1955	16,277	2.222	362	59.656	9,710	2.141	34,849	20,789
1956	11,950	2.222	266	57.783	6,905	2.059	24,605	14,217
1957	51,525	2.222	1,145	55.875	28,790	1.946	100,268	56,025
1958	28,351	2.222	630	53.936	15,291	1.906	54,037	29,145
1959	34,751	2.222	772	51.968	18,059	1.852	64,359	33,445
1960	10,450	2.222	232	49.971	5,222	1.845	19,280	9,635
1961	40,324	2.222	896	47.949	19,335	1.866	75,245	36,079
1962	33,846	2.222	752	45.901	15,536	1.875	63,461	29,130
1963	11,707	2.222	260	43.831	5,131	1.889	22,115	9,692
1964	5,044	2.222	112	41.742	2,105	1.904	9,604	4,008
1965	16,516	2.222	367	39.634	6,546	1.922	31,744	12,591
1966	6,833	2.222	152	37.509	2,563	1.922	13,133	4,926
1967	7,488	2.222	166	35.370	2,649	1.908	14,287	5,054
1968	4,836	2.222	107	33.218	1,606	1.845	8,922	2,963
1969	6,818	2.222	151	31.055	2,117	1.782	12,150	3,772
1970	22,930	2.222	510	28.881	6,622	1.731	39,692	11,463
1971	69,296	2.222	1,540	26.699	18,501	1.639	113,576	30,323
1972	76,000	2.222	1,689	24.510	18,628	1.769	134,444	32,953
1973	117,630	2.222	2,614	22.315	26,249	1.663	195,619	43,652
1974	121,475	2.222	2,699	20.115	24,435	1.634	198,490	39,927
1975	112,603	2.222	2,502	17.910	20,167	1.414	159,221	28,516
1976	19,491	2.222	433	15.701	3,060	1.406	27,404	4,302
1977	64,651	2.222	1,437	13.490	8,721	1.677	108,420	14,625
1978	213,955	2.222	4,754	11.276	24,126	1.216	260,169	29,337
1979	53,262	2.222	1,183	9.060	4,826	1.322	70,412	6,380
1980	79,944	2.222	1,776	6.843	5,471	1.205	96,333	6,593
1981	192,435	2.222	4,276	4.625	8,900	1.000	192,435	8,900
1982	466,489	2.222	10,365	2.405	11,219	1.000	466,489	11,219
1983	144,666	2.222	3,214	0.648	937	1.000	144,666	937
ASL TOTAL	2,236,798	2.222	49,700		464,927		3,256,991	911,866

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-B6

ACCOUNT 3970 COMMUNICATION EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L0- 18

YEAR	ORIGINAL COST	ANNUAL %	DEPRECIATION AMOUNT	ACCRUED %	DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1931	409	5.556	23	80.169	328	11.272	4,610	3,697
1932	396	5.556	22	79.576	315	11.776	4,663	3,709
1933	53	5.556	3	78.918	42	11.415	605	479
1934	542	5.556	30	78.209	424	10.090	5,469	4,278
1935	109	5.556	6	77.460	84	9.955	1,085	836
1936	116	5.556	6	76.673	89	9.813	1,138	873
1937	1,930	5.556	107	75.858	1,464	8.950	17,273	13,103
1938	121	5.556	7	75.014	91	9.391	1,136	855
1939	161	5.556	9	74.145	119	9.313	1,499	1,108
1940	258	5.556	14	73.253	189	9.322	2,405	1,762
1941	625	5.556	35	72.338	452	9.255	5,784	4,183
1942	76	5.556	4	71.401	54	8.372	636	452
1943	15	5.556	1	70.442	11	8.388	126	92
1944	185	5.556	10	69.462	129	8.158	1,509	1,052
1946	2,932	5.556	163	67.434	1,977	6.764	19,832	13,372
1947	327	5.556	18	66.386	217	5.675	1,856	1,231
1948	16,299	5.556	906	65.315	10,646	5.368	87,493	57,148
1949	10,729	5.556	596	64.219	6,890	5.381	57,733	37,075
1950	7,149	5.556	397	63.099	4,511	5.149	36,810	23,227
1951	2,397	5.556	133	61.953	1,485	4.727	11,331	7,020
1952	3,813	5.556	212	60.781	2,318	4.437	16,918	10,285
1953	14,977	5.556	832	59.582	8,924	4.097	61,361	36,562
1954	15,878	5.556	882	58.355	9,266	4.066	64,560	37,676
1955	5,305	5.556	295	57.098	3,029	3.887	20,621	11,774
1956	21,795	5.556	1,211	55.811	12,164	3.580	78,026	43,547
1957	11,218	5.556	623	54.492	6,113	3.516	39,442	21,493
1958	12,600	5.556	700	53.141	6,696	3.478	43,823	23,289
1959	32,174	5.556	1,788	51.756	16,652	3.357	108,008	55,901
1960	7,312	5.556	406	50.336	3,681	3.309	24,195	12,180
1961	10,294	5.556	572	48.879	5,032	3.335	34,330	16,782
1962	7,768	5.556	432	47.385	3,681	3.311	25,720	12,188
1963	2,834	5.556	157	45.851	1,299	3.295	9,338	4,280
1964	11,508	5.556	639	44.277	5,095	3.207	36,906	16,340
1965	11,966	5.556	665	42.660	5,105	3.039	36,365	15,514
1966	4,530	5.556	252	41.000	1,857	2.864	12,974	5,318
1967	24,456	5.556	1,359	39.293	9,609	2.690	65,787	25,848
1968	31,924	5.556	1,774	37.540	11,984	2.589	82,651	31,027
1969	55,267	5.556	3,071	35.737	19,751	2.497	138,002	49,318
1970	137,666	5.556	7,649	33.884	46,647	2.382	327,920	111,113
1971	47,405	5.556	2,634	31.978	15,159	2.176	103,153	32,986
1972	261,566	5.556	14,533	30.017	78,514	2.002	523,655	157,185
1973	767,650	5.556	42,651	28.000	214,942	1.892	1,452,394	406,670
1974	224,437	5.556	12,470	25.924	58,183	1.724	386,929	100,307
1975	360,628	5.556	20,036	23.783	85,768	1.599	576,644	137,143
1976	159,016	5.556	8,835	21.558	34,281	1.476	234,708	50,599
1977	94,197	5.556	5,234	19.222	18,107	1.362	128,296	24,662
1978	48,175	5.556	2,677	16.747	8,068	1.275	61,423	10,287
1979	56,802	5.556	3,156	14.098	8,008	1.190	67,594	9,530
1980	188,788	5.556	10,489	11.233	21,207	1.093	206,345	23,179
1981	106,205	5.556	5,901	8.085	8,587	1.000	106,205	8,587
1982	65,320	5.556	3,629	4.529	2,958	1.000	65,320	2,958
ASL TOTAL	2,848,303	5.556	158,254		762,202		5,402,606	1,680,080

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PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3980 MISCELLANEOUS EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L2- 38

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1910	4	2.632	0	82.923	3	9.341	37	28
1911	68	2.632	2	82.378	56	9.341	635	523
1912	9	2.632	0	81.828	7	9.597	86	67
1913	14	2.632	0	81.273	11	9.597	134	106
1914	69	2.632	2	80.711	56	9.597	662	537
1915	62	2.632	2	80.145	50	9.341	579	467
1916	21	2.632	1	79.571	17	8.383	176	143
1917	11	2.632	0	78.991	9	5.967	66	54
1918	74	2.632	2	78.405	58	4.602	341	267
1920	12	2.632	0	77.212	9	4.090	49	37
1921	109	2.632	3	76.605	83	4.945	539	410
1922	852	2.632	22	75.991	647	5.813	4,953	3,761
1923	47	2.632	1	75.370	35	5.967	280	209
1924	378	2.632	10	74.743	283	6.071	2,295	1,718
1925	110	2.632	3	74.109	82	5.967	656	489
1926	778	2.632	20	73.470	572	5.755	4,477	3,292
1927	38	2.632	1	72.824	28	5.755	219	161
1928	1,033	2.632	27	72.173	746	5.755	5,945	4,293
1929	197	2.632	5	71.519	141	5.656	1,114	797
1930	388	2.632	10	70.860	275	7.278	2,824	2,001
1931	520	2.632	14	70.199	365	7.278	3,785	2,656
1932	711	2.632	19	69.536	494	7.979	5,673	3,942
1933	1,415	2.632	37	68.873	975	7.979	11,290	7,780
1934	98	2.632	3	68.210	67	7.228	708	484
1935	157	2.632	4	67.548	106	6.417	1,007	680
1936	12,139	2.632	319	66.889	8,120	6.417	77,896	52,106
1937	1,265	2.632	33	66.233	838	6.296	7,964	5,276
1938	577	2.632	15	65.581	378	6.784	3,914	2,564
1939	73	2.632	2	64.933	47	6.378	466	300
1940	1,563	2.632	41	64.290	1,005	6.136	9,591	6,167
1941	1,924	2.632	51	63.651	1,225	5.156	9,920	6,316
1942	4,437	2.632	117	63.017	2,796	5.460	24,226	15,266
1943	2,378	2.632	63	62.385	1,484	5.460	12,984	8,103
1944	1,907	2.632	50	61.755	1,178	5.460	10,412	6,432
1945	441	2.632	12	61.125	270	5.093	2,246	1,375
1946	6,475	2.632	170	60.492	3,917	4.880	31,598	19,115
1947	1,098	2.632	29	59.853	657	3.616	3,970	2,376
1948	2,134	2.632	56	59.206	1,263	3.616	7,717	4,567
1949	4,463	2.632	117	58.545	2,613	3.616	16,138	9,449
1950	4,029	2.632	106	57.866	2,331	3.486	14,045	8,126
1951	16,744	2.632	441	57.165	9,572	3.148	52,710	30,133
1952	4,594	2.632	121	56.436	2,593	3.155	14,494	8,181
1953	20,940	2.632	551	55.673	11,658	3.072	64,328	35,813
1954	20,190	2.632	531	54.871	11,078	3.028	61,135	33,544
1955	7,634	2.632	201	54.022	4,124	2.839	21,673	11,708
1956	23,076	2.632	607	53.119	12,258	2.675	61,728	32,790
1957	11,298	2.632	297	52.157	5,893	2.506	28,313	14,768
1958	5,254	2.632	138	51.128	2,686	2.421	12,720	6,503
1959	5,437	2.632	143	50.024	2,720	2.415	13,130	6,569
1960	2,344	2.632	62	48.841	1,145	2.399	5,623	2,747
1961	24,052	2.632	633	47.569	11,441	2.403	57,797	27,493
1962	4,375	2.632	115	46.205	2,021	2.383	10,426	4,816
1963	1,823	2.632	48	44.743	816	2.380	4,339	1,942
1964	3,811	2.632	100	43.178	1,646	2.375	9,051	3,909
1965	9,738	2.632	256	41.511	4,042	2.362	23,001	9,547
1966	11,802	2.632	311	39.742	4,690	2.318	27,357	10,871
1967	27,133	2.632	714	37.873	10,276	2.228	60,452	22,895
1968	18,098	2.632	476	35.914	6,500	2.169	39,255	14,098
1969	25,993	2.632	684	33.871	8,804	2.100	54,585	18,488

PENNSYLVANIA POWER & LIGHT COMPANY -- TRENDED DEPRECIATION BY ACCOUNT PAAA-86

ACCOUNT 3980 MISCELLANEOUS EQUIPMENT DEPRECIATION DATE -- JULY 31, 1983

ACCOUNT GROUP PROCEDURE IOWA CURVE L2- 38

YEAR	ORIGINAL COST	ANNUAL DEPRECIATION %	ANNUAL DEPRECIATION AMOUNT	ACCRUED DEPRECIATION %	ACCRUED DEPRECIATION AMOUNT	1981 TREND FACTOR	TRENDED ORIGINAL COST	TRENDED ACCRUED DEPRECIATION
1970	85,053	2.632	2,239	31.761	27,014	1.999	170,021	54,001
1971	480,456	2.632	12,646	29.594	142,186	1.973	947,940	280,533
1972	111,006	2.632	2,922	27.380	30,393	1.943	215,685	59,054
1973	91,101	2.632	2,398	25.122	22,886	1.838	167,261	42,019
1974	75,956	2.632	1,999	22.818	17,332	1.599	121,454	27,714
1975	117,287	2.632	3,087	20.466	24,004	1.470	172,412	35,286
1976	55,735	2.632	1,467	18.070	10,071	1.423	79,311	14,331
1977	25,636	2.632	675	15.627	4,006	1.343	34,429	5,380
1978	42,989	2.632	1,131	13.141	5,649	1.254	53,908	7,084
1979	152,598	2.632	4,016	10.615	16,198	1.151	175,640	18,644
1980	95,796	2.632	2,521	8.053	7,714	1.082	103,651	8,347
1981	284,496	2.632	7,488	5.461	15,536	1.000	284,496	15,536
1982	25,032	2.632	659	2.846	712	1.000	25,032	712
ASL TOTAL	1,939,555	2.632	51,046		470,961		3,454,974	1,047,896

Pennsylvania Power & Light Company

Exhibit JOB 3

Depreciation for Susquehanna SES

PENNSYLVANIA POWER & LIGHT COMPANY

Exhibit JOB 3

Depreciation for Susquehanna SES

Witness: Jack O. Beamer

Section	Description	Pages
1	Susquehanna Depreciation	
	Modified Sinking Fund Example	1
	Life Span Depreciation Without Interim Retirements	2
	Life Span Depreciation With Interim Retirements	3
	Capital Recovery - Straight Line	4
	Capital Recovery - Sinking Fund	5
	Capital Recovery - Modified Sinking Fund	6

MODIFIED SINKING FUND

Straight Line

Year	Plant	Annual	Reserve	Net Plant	Return	Total Capital Recovery	
1	100	10	10	90	10	20	
2	100	10	20	80	9	19	
3	100	10	30	70	8	18	
4	100	10	40	60	7	17	
5	100	10	50	50	6	16	
6	100	10	60	40	5	15	
7	100	10	70	30	4	14	
8	100	10	80	20	3	13	
9	100	10	90	10	2	12	
10	100	10	100	0	1	11	
		100			55	155	PV=110

Sinking Fund

1	100	6.27	6.27	93.73	10.00	16.27	
2	100	6.91	13.18	86.82	9.37	16.28	
3	100	7.59	20.77	79.23	8.68	16.27	
4	100	8.35	29.12	70.88	7.92	16.27	
5	100	9.19	38.31	61.69	7.09	16.28	
6	100	10.10	48.41	51.59	6.17	16.27	
7	100	11.12	59.53	40.47	5.16	16.28	
8	100	12.23	71.76	28.24	4.05	16.28	
9	100	13.45	85.21	14.79	2.82	16.27	
10	100	14.79	100.00	0.00	1.48	16.27	
		100.00			62.74	162.74	PV=110

Modified Sinking Fund

1	100	8.48	8.48	91.52	10.00	18.48	
2	100	9.32	17.80	82.20	9.15	18.47	
3	100	10.28	28.08	71.92	8.22	18.50	
4	100	10.27	38.35	61.65	7.19	17.46	
5	100	10.28	48.63	51.37	6.16	16.44	
6	100	10.27	58.90	41.10	5.14	15.41	
7	100	10.28	69.18	30.82	4.11	14.39	
8	100	10.27	79.45	20.55	3.08	13.35	
9	100	10.28	89.73	10.27	2.05	12.33	
10	100	10.27	100.00	0.00	1.03	11.30	
		100.00			56.13	156.13	PV=110

SUSQUEHANNA DEPRECIATION

Life Span Depreciation Without Interim Retirements

Account	Description	Plant	Annual
320	Land and Land Rights	4,244,105	Non-Depreciable
321	Structures and Improvements	455,404,740	11,677,045
322	Reactor Plant Equipment	658,116,600	16,874,785
323	Turbo-Generator Units	263,246,640	6,749,914
324	Accessory Electric Equipment	232,068,055	5,950,463
325	Misc. Power Plant Equipment	53,428,465	1,369,961
	Total	1,666,508,605	42,622,168

In - Service Date: May, 1983
Deactivation Date: May, 2022

SUSQUEHANNA DEPRECIATION

Life Span Depreciation With Interim Retirements

Account	Description	Plant	Annual
320	Land and Land Rights	4,244,105	Non-Depreciable
321	Structures and Improvements	455,404,740	11,744,888
322	Reactor Plant Equipment	658,116,600	17,295,304
323	Turbo-Generator Units	263,246,640	6,804,926
324	Accessory Electric Equipment	232,068,055	6,119,635
325	Misc. Power Plant Equipment	53,428,465	1,509,888
	Total	1,666,508,605	43,474,641

In - Service Date: May, 1983
Deactivation Date: May, 2022

SUSQUEHANNA DEPRECIATION

CAPITAL RECOVERY - STRAIGHT LINE

Year	Annual	Reserve	Net Plant	Return	Capital Recovery
1	42,622.2	42,622.2	1,619,642.0	207,783.1	250,405.2
2	42,622.2	85,244.3	1,577,020.0	202,455.2	245,077.4
3	42,622.2	127,866.4	1,534,398.0	197,127.5	239,749.6
4	42,622.2	170,488.6	1,491,776.0	191,799.7	234,421.9
5	42,622.2	213,110.7	1,449,154.0	186,472.0	229,094.1
6	42,622.2	255,732.8	1,406,532.0	181,144.2	223,766.4
7	42,622.2	298,354.9	1,363,910.0	175,816.5	218,438.6
8	42,622.2	340,977.1	1,321,287.0	170,488.7	213,110.9
9	42,622.2	383,599.2	1,278,665.0	165,160.9	207,783.0
10	42,622.2	426,221.3	1,236,043.0	159,833.1	202,455.2
11	42,622.2	468,843.4	1,193,421.0	154,505.4	197,127.5
12	42,622.2	511,465.6	1,150,799.0	149,177.6	191,799.7
13	42,622.2	554,087.7	1,108,177.0	143,849.9	186,472.0
14	42,622.2	596,709.8	1,065,555.0	138,522.1	181,144.2
15	42,622.2	639,331.9	1,022,933.0	133,194.4	175,816.5
16	42,622.2	681,954.1	980,310.9	127,866.6	170,488.7
17	42,622.2	724,576.2	937,688.8	122,538.8	165,160.9
18	42,622.2	767,198.3	895,066.7	117,211.1	159,833.2
19	42,622.2	809,820.4	852,444.6	111,883.3	154,505.4
20	42,622.2	852,442.6	809,822.4	106,555.6	149,177.7
21	42,622.2	895,064.7	767,200.3	101,227.7	143,849.9
22	42,622.2	937,686.8	724,578.2	95,900.0	138,522.1
23	42,622.2	980,308.9	681,956.1	90,572.2	133,194.4
24	42,622.2	1,022,931.0	639,333.9	85,244.5	127,866.6
25	42,622.2	1,065,553.0	596,712.0	79,916.7	122,538.8
26	42,622.2	1,108,175.0	554,090.0	74,589.0	117,211.1
27	42,622.2	1,150,797.0	511,468.0	69,261.2	111,883.4
28	42,622.2	1,193,419.0	468,846.0	63,933.5	106,555.6
29	42,622.2	1,236,041.0	426,224.0	58,605.7	101,227.9
30	42,622.2	1,278,663.0	383,602.0	53,278.0	95,900.1
31	42,622.2	1,321,285.0	340,980.0	47,950.2	90,572.4
32	42,622.2	1,363,907.0	298,358.0	42,622.5	85,244.6
33	42,622.2	1,406,529.0	255,736.0	37,294.7	79,916.9
34	42,622.2	1,449,151.0	213,114.0	31,967.0	74,589.0
35	42,622.2	1,491,773.0	170,492.0	26,639.2	69,261.4
36	42,622.2	1,534,395.0	127,870.0	21,311.5	63,933.7
37	42,622.2	1,577,017.0	85,248.0	15,983.7	58,605.9
38	42,622.2	1,619,639.0	42,626.0	10,656.0	53,278.2
39	42,622.2	1,662,261.0	4.0	5,328.2	47,950.4
Total				4,155,653.0	5,817,914.0
Present Value of Capital Recovery is					1,870,030.0

SUSQUEHANNA DEPRECIATION

CAPITAL RECOVERY - SINKING FUND

Year	Annual	Reserve	Net Plant	Return	Capital Recovery
1	2,123.6	2,123.6	1,660,141.0	207,783.1	209,906.7
2	2,389.1	4,512.7	1,657,751.0	207,517.6	209,906.7
3	2,687.7	7,200.4	1,655,063.0	207,218.9	209,906.6
4	3,023.7	10,224.1	1,652,039.0	206,882.9	209,906.5
5	3,401.6	13,625.7	1,648,637.0	206,504.9	209,906.5
6	3,826.8	17,452.6	1,644,810.0	206,079.6	209,906.4
7	4,305.2	21,757.8	1,640,504.0	205,601.2	209,906.4
8	4,843.3	26,601.1	1,635,660.0	205,063.0	209,906.3
9	5,448.8	32,049.9	1,630,211.0	204.457.5	209,906.2
10	6,129.9	38,179.8	1,624,081.0	203,776.4	209,906.2
11	6,896.1	45,075.9	1,617,184.0	203,010.1	209,906.2
12	7,758.1	52,834.0	1,609,425.0	202,148.0	209,906.1
13	8,727.9	61,561.8	1,600,697.0	201,178.1	209,905.9
14	9,818.9	71,380.6	1,590,878.0	200,087.1	209,905.9
15	11,046.2	82,426.8	1,579,831.0	198,859.7	209,905.9
16	12,427.0	94,853.7	1,567,404.0	197,478.9	209,905.8
17	13,980.3	108,834.1	1,553,423.0	195,925.5	209,905.8
18	15,727.9	124,561.9	1,537,695.0	194,177.9	209,905.7
19	17,693.9	142,255.7	1,520,001.0	192,211.9	209,905.7
20	19,905.6	162,161.3	1,500,095.0	190,000.1	209,905.7
21	22,393.8	184,555.1	1,477,701.0	187,511.9	209,905.6
22	25,193.0	209,748.1	1,452,508.0	184,712.6	209,905.6
23	28,342.1	238,090.2	1,424,165.0	181,563.5	209,905.6
24	31,884.9	269,975.1	1,392,280.0	178,020.6	209,905.5
25	35,870.5	305,845.6	1,356,409.0	174,035.0	209,905.5
26	40,354.3	346,199.9	1,316,054.0	169,551.1	209,905.4
27	45,398.6	391,598.4	1,270,655.0	164,506.7	209,905.3
28	51,073.4	442,671.8	1,219,581.0	158,831.9	209.905.2
29	57,457.6	500,129.4	1,162,123.0	152,447.6	209,905.2
30	64,639.8	564,769.1	1,097,483.0	145,265.4	209,905.1
31	72,719.7	637,488.9	1,024,763.0	137,185.4	209,905.1
32	81,809.7	719,298.6	942,953.6	128,095.4	209.905.1
33	92,035.9	811,334.5	850,917.6	117,869.2	209,905.1
34	103,540.4	914,874.9	747,377.2	106,364.7	209,905.1
35	116,482.9	1,031,358.0	630,894.2	93,422.1	209,905.1
36	131,043.3	1,162,401.0	499,850.9	78,861.7	209,905.1
37	147,423.7	1,309,824.0	352,427.2	62,481.4	209.905.1
38	165,851.6	1,475,675.0	186,575.6	44,053.4	209,905.0
39	186,583.0	1,662,258.0	-7.4	23,321.9	209,904.9
Total				6,524,049.0	8,186,309.0
Present Value of Capital Recovery is					1,870,026.0

SUSQUEHANNA DEPRECIATION

CAPITAL RECOVERY - MODIFIED SINKING FUND

Year	Annual	Reserve	Net Plant	Return	Capital Recovery
1	14,821.1	14,821.1	1,647,443.0	207,783.1	222,604.2
2	16,673.7	31,494.8	1,630,769.0	205,930.4	222,604.1
3	18,757.9	50,252.8	1,612,011.0	203,846.1	222,604.1
4	21,102.7	71,355.4	1,590,908.0	201,501.4	222.604.1
5	23,740.5	95,095.9	1,567,167.0	198,863.5	222,604.0
6	26,708.1	121,804.0	1,540,458.0	195,895.9	222,603.9
7	30,046.6	151,850.6	1,510,411.0	192,557.2	222,603.8
8	33,802.4	185,652.9	1,476,608.0	188,801.4	222,603.7
9	38,027.7	223,680.6	1,438,580.0	184,576.0	222,603.7
10	42,781.2	266,461.7	1,395,798.0	179,822.5	222,603.6
11	48,131.1	314,592.9	1,347,666.0	174,474.7	222,605.9
12	48,131.1	362,724.0	1,299,534.0	168,458.2	216,589.4
13	48,131.1	410,855.1	1,251,402.0	162,441.7	210,572.9
14	48,131.1	458,986.2	1,203,270.0	156,425.2	204,556.4
15	48,131.1	507,117.4	1,155,138.0	150,408.7	198,539.9
16	48,131.1	555,248.5	1,107,006.0	144,392.2	192,523.4
17	48,131.1	603,379.6	1,058,874.0	138,375.7	186,506.9
18	48,131.1	651,510.7	1,010,743.0	132,359.2	180,490.4
19	48,131.1	699.641.9	962,611.7	126,342.8	174,473.9
20	48,131.1	747,773.0	914,480.5	120,326.4	168,457.6
21	48,131.1	795.904.1	866,349.3	114,310.1	162,441.2
22	48,131.1	844,035.2	818,218.1	108,293.6	156,424.7
23	48,131.1	892,166.4	770,086.9	102,277.2	150,408.4
24	48,131.1	940,297.5	721,955.7	96,260.8	144.391.9
25	48,131.1	988,428.6	673.824.6	90,244.4	138,375.6
26	48,131.1	1,036,560.0	625,693.4	84,228.1	132,359.2
27	48,131.1	1,084,690.0	577,562.2	78,211.6	126,342.7
28	48,131.1	1,132,821.0	529,431.0	72,195.2	120,326.4
29	48,131.1	1,180,952.0	481,299.8	66,178.9	114,310.0
30	48,131.1	1,229,083.0	433,168.6	60,162.5	108,293.6
31	48,131.1	1,277,214.0	385,037.4	54,146.1	102,277.2
32	48,131.1	1,325,345.0	366,906.2	48,129.7	96,260.8
33	48,131.1	1,373,476.0	288,775.1	42,113.3	90,244.4
34	48,131.1	1,421,607.0	240,643.9	36,096.9	84,228.0
35	48,131.1	1,469,738.0	192,512.7	30,080.5	78,211.6
36	48,131.1	1,517,869.0	144,381.5	24,064.1	72,195.2
37	48,131.1	1,566,000.0	96,250.3	18,047.7	66,178.8
38	48,131.1	1,614,131.0	48,119.2	12,031.3	60,162.4
39	48,131.1	1,662,262.0	-12.0	6,014.9	54,146.0
Total				4,576,654.0	6,238,915.0
Present Value of Capital Recovery is					1,870,025.0

PENNSYLVANIA POWER & LIGHT COMPANY

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Public Utility Commission

Exhibit JOB 4

Sales Forecast

Witness: Jack O. Beamer

Docket No. R-822169

HDQ E. Holbert 11/26/83

DOCUMENT FOLDER

RECEIVED
JAN 31 1983

PENNSYLVANIA POWER & LIGHT COMPANY

Exhibit JOB 4

Sales Forecast

Witness: Jack O. Beamer

Section	Description	Pages
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I. Executive Summary

Pennsylvania Power & Light Company's forecast of long-term (1982-2002) annual sales was developed by dividing the 21 year forecast period into a short-term horizon of five years with emphasis on the first two years and a long-term focusing on the subsequent 16 years.

Poor economic conditions during 1982 will exert downward pressure on sales to all classes of customers contributing to an anticipated decline in total 1982 sales from the 1981 level. A potential economic recovery in 1983 is expected to stimulate growth in total sales. It is anticipated that the sales outlook beyond 1983 will exhibit a steady pattern of growth at less than the average rate experienced historically.

Sales to the residential electrically heated home (EHH) customers are expected to decline in 1982, remain at that level in 1983, then decline further in 1984 and 1985. This pattern reflects the anticipated decline of growth in the number of new dwelling units, smaller and better insulated new homes and greater saturation of heat pumps. EHH sales beyond 1985 are expected to increase but at less than the average rate exhibited historically by this class.

The general residential (GRS) class is expected to experience little growth in sales in the 1982 to 1985 period, thus reflecting the downward pressure on sales from anticipated short-term economic conditions. Technological changes occurring during the long-term are expected to stimulate growth in sales to the GRS class through the year 2002.

It is anticipated that the sales to commerical class of customers will follow a pattern of growth through 2002 that is slightly less than its historic average.

Long-term industrial sales are expected to increase through the forecast period following an initial decline in 1982. A changing industrial mix in the PP&L service area may dominate the long-term outlook as future economic growth could spur a different industrial structure in Pennsylvania. It is anticipated that in the long-term some energy-intensive industries, such as steel, metal products and cement, could experience zero or negative growth while potential expansions could occur in the general industrial sector.

Table I

Long-Term Expected Sales Forecast
1982-2002
(GWH)

1981	(Actual)	22,885
1982		22,805
1983		23,535
1984		23,900
1985		24,150
1986		24,400
1987		25,000
1988		25,600
1989		26,200
1990		26,800
1991		27,400
1992		28,100
1993		28,800
1994		29,500
1995		30,200
1996		30,900
1997		31,500
1998		32,100
1999		32,700
2000		33,300
2001		33,900
2002		34,700

II. SHORT-TERM SALES FORECAST: 1982-1983

A. Summary of Forecasts And Basic Assumptions

As part of the short-term annual sales forecasting process, the six sales forecasts listed in Table II were compared and a Consensus forecast of sales by customer class was then developed consisting of an "expected" case for 1982 and 1983 and, in addition, an "optimistic" case for 1983.

Comparison of the Consensus to the six other forecasts indicates that the Consensus estimates are very close to the Econometric and Judgmental forecasts but fall below the Time Series estimates. This occurs because the Econometric and Judgmental methods incorporate forecast assumptions while Time Series analysis does not. A Time Series model assumes that a historic trend will continue into the future, thereby ignoring the effect of changing future economic conditions. Based upon such knowledge of the techniques employed and the forecast assumptions, each forecast was evaluated and a Consensus forecast developed.

The Consensus-Expected forecast of sales to the electrically heated homes (EHH) class declines from 3,300 GWH in 1982 to 3,200 GWH in 1983. The decrease was based upon various assumptions concerning the number of customers and average use. The number of EHH customers are expected to increase during the short-term but at less than the historic average due to a continued decline in the number of new dwelling units from 12,000 in 1981 to approximately 9,000 in 1982, a lack of growth in the number of conversions, and continuation of a 60% market share. Average use per EHH customer is expected to continue its downward trend through 1983. The current average use per new customer will be below the average due to smaller and better insulated homes, smaller families and increased saturation of heat pumps. The existing EHH customers will experience declining use as a result of higher electricity prices, increased conservation efforts, more conversions to heat pumps and alternate space heating.

Growth in sales to the General Residential Service (GRS) class is expected to be non-existent through 1983. No growth is expected in customers while average use is expected to increase only slightly in 1982 and remain at that level through 1983.

The industrial customer class, which is the most sensitive to prevailing economic conditions, is expected to be significantly impacted in 1982 and 1983. The recessionary economy, high interest rates and foreign competition will impact orders, plant shutdowns and capital expansions. As a result, electric sales to this class are expected to decline in 1982. Some relief is expected in 1983 when a potential recovery is projected. Improving economic conditions and the addition of two large customers will increase sales to this class in 1983.

Sales to the commercial class will continue to increase in the 1982 to 1983 period. However, the rate of growth in both 1982 and 1983 will slow from the growth experienced in 1981. As in the industrial sector, a poor economic climate and high interest rates contribute to these decelerating growth rates.

Table II

Short-Term Sales Forecasts
1982-1983

(GWH)

	Residential					
	EHH	GRS	Commercial	Industrial	Other	Total
1981						
Weather Adjusted Actual	3,354	4,682	5,875	7,968	1,005	22,885
1982						
Time Series Analysis						
Naive-Manual	3,370	4,696	6,038	8,014	1,000	23,118
Naive-Time Series	3,435	4,801	6,141	7,821	1,096	23,294
Box-Jenkins	3,427	4,799	5,979	7,727	963	22,895
Judgmental						
Manual	3,289	4,803	6,023	7,681	1,005	22,801
Computerized	3,220	4,750	5,955	7,700	1,005	22,630
Econometrics	3,393	4,699	5,929	7,742	1,014	22,777
Consensus	3,300	4,800	6,000	7,700	1,000	22,800
1983						
Time Series Analysis						
Naive-Manual	3,289	4,703	6,172	8,154	1,000	23,318
Naive-Time Series	3,447	4,955	6,364	7,608	1,196	23,570
Box-Jenkins	3,444	4,831	6,108	7,336	909	22,628
Judgmental						
Manual	3,302	4,882	6,156	8,074	1,035	23,449
Computerized	3,175	4,871	6,034	7,875	1,035	22,990
Econometrics	3,221	4,746	6,069	8,020	1,036	23,092
Consensus						
Expected	3,200	4,800	6,100	8,000	1,035	23,135
Optimistic	3,300	4,900	6,200	8,100	1,035	23,535

B. Checks

Basically, two comparisons were used to check the reasonableness of the short-term Consensus forecast. Table II, which presents the six different forecasts, illustrates that the Consensus forecast is reasonable. The estimates by customer class are very close to those produced by the Judgmental and Econometric methodologies. The Consensus forecast falls below the Time-Series estimates; however, this is to be expected since a Time-Series method projects a historic trend into the future and does not account for changing economic conditions.

Table III was used as a further check of the residential class estimates. This table presents the 1982 and 1983 number of customers and average use by forecast methodology. Based upon knowledge of the short-term assumptions and the methodology employed this comparison demonstrates that the Consensus forecast of residential sales is also reasonable.

Table III

Average Use/Average Customers
1982-1983

Electrically Heated Homes

	1982		1983	
	Avg. Annual Use (KWH)	Avg. # of Customers	Avg. Annual Use (KWH)	Avg. # of Customers
Time Series 1/				
Naive-Manual	18,700	180,200	17,700	185,800
Naive-Time Series	18,800	187,800	17,600	199,700
Judgmental				
Manual	18,500	178,500	17,700	185,700
Computerized	17,900	180,200	17,100	185,700
Econometric	20,100	184,300	18,200	196,900
Consensus				
Expected	18,400	179,300	17,200	185,900
Optimistic	18,400	179,300	17,700	186,400
Actual				
December 1981	19,400	173,200		
May 1982	18,600	178,900		

General Residential

	1982		1983	
	Avg. Annual Use (KWH)	Avg. # of Customers	Avg. Annual Use (KWH)	Avg. # of Customers
Time Series 1/				
Naive-Manual	6,600	711,500	6,600	712,500
Naive-Time Series	6,900	715,900	6,900	719,500
Judgmental				
Manual	6,800	709,500	6,900	709,400
Computerized	6,700	710,500	6,800	712,000
Econometric	6,600	713,100	6,600	715,700
Consenus				
Expected	6,800	709,500	6,800	709,500
Optimistic	6,800	709,500	6,900	710,000
Actual				
December 1981	6,600	710,100		
May 1982	6,700	709,200		

1/ A customer model was not developed using a Box-Jenkins methodology.

C. Uncertainty and Sensitivity

PP&L's annual electric sales are influenced by factors such as the economy, price of electricity and competitive fuels, the housing market, changing lifestyles, and market conditions for the steel and cement industries. These factors are volatile and changes are often unpredictable. Therefore, a certain amount of uncertainty surrounds a point estimate forecast. This uncertainty has been recognized in this sales forecast by the development of high and low bands around the expected case.

The influence of these factors is reflected in the number of customers and the level of average use per customer. Tables IV(a) and IV(b) represent the change in the level of sales due to respective changes in average use and number of customers.

These tables indicate that the sales to the EHH class are more sensitive to a change in average use then to a change in number of customers. The GRS class is slightly sensitive to a change in average use but is relatively unresponsive to a change in number of customers due to its large existing customer base. The commercial customers are more responsive to changes in average use than to changes in the number of customers while the industrial class exhibits a greater responsiveness to a change in number of customers.

Table IV(a)

Sales Sensitivity Matrix

Residential - Electrically Heated Homes

1981 (End Year): # Customers = 177,400 Average Use = 19,700 KWH

# Customers		-1.5	-1.0	-0.5	0.0	+0.5	+1.0	+1.5	Δ	Average
Δ	1982	18.2	18.7	19.2	19.7	20.2	20.7	21.2	1982	Use
2.0	179.4	3.3	3.4	3.4	3.5	3.6	3.7	3.8		
4.0	181.4	3.3	3.4	3.5	3.6	3.7	3.8	3.9		
6.0	183.4	3.3	3.4	3.5	3.6	3.7	3.8	3.9		
8.0	185.4	3.4	3.5	3.6	3.7	3.7	3.8	3.9		
10.0	187.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0		
12.0	189.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0		

Average Annual Change
1979-1981

Customers:	9.8
Avg. Use:	-1.1

Residential - General Residential Service

1981 (End Year): # Customers = 711,000 Average Use = 6,600 KWH

# Customers		-0.3	-0.2	-0.1	0.0	+0.1	+0.2	+0.3	Δ	Average
Δ	1982	6.3	6.4	6.5	6.6	6.7	6.8	6.9	1982	Use
0.0	711.0	4.5	4.6	4.6	4.7	4.8	4.8	4.9		
1.0	712.0	4.5	4.6	4.6	4.7	4.8	4.8	4.9		
2.0	713.0	4.5	4.6	4.6	4.7	4.8	4.9	4.9		
3.0	714.0	4.5	4.6	4.6	4.7	4.8	4.9	4.9		
4.0	715.0	4.5	4.6	4.6	4.7	4.8	4.9	4.9		
5.0	716.0	4.5	4.6	4.7	4.7	4.8	4.9	4.9		
6.0	717.0	4.5	4.6	4.7	4.7	4.8	4.9	4.9		

Average Annual Change
1979-1981

Customers:	1.2
Avg. Use:	0.1

Table IV(b)

Sales Sensitivity Matrix

Commercial Sales

1981 (End Year): # Customers = 111,000 Average Use = 53,200 KWH

# Customers		-2.0	-1.0	0.0	1.0	2.0	Δ	Average
Δ	1982	51.2	52.2	53.2	54.2	55.2	1982	Use
-1.0	109.8	5.6	5.7	5.8	6.0	6.1		
-0.5	110.3	5.6	5.8	5.9	6.0	6.1		
0.0	110.8	5.7	5.8	5.9	6.0	6.1		
0.5	111.3	5.7	5.8	5.9	6.0	6.1		
1.0	111.8	5.7	5.8	5.9	6.1	6.2		
1.5	112.3	5.7	5.9	6.0	6.1	6.2		
2.0	112.8	5.8	5.9	6.0	6.1	6.2		
2.5	113.3	5.8	5.9	6.0	6.1	6.3		
3.0	113.8	5.8	5.9	6.1	6.2	6.3		
3.5	114.3	5.9	6.0	6.1	6.2	6.3		
4.0	114.8	5.9	6.0	6.1	6.2	6.3		

Average Annual Change
1979-1981

Customers:	0.3
Avg. Use:	1.2

Industrial Sales

1981 (End Year): # Customers = 5,800 Average Use = 1,355,900 KWH

# Customers		-50	-25	0	25	50	Δ	Average
Δ	1982	1306	1331	1356	1381	1406	1982	Use
-0.1	5.7	7.4	7.6	7.7	7.9	8.0		
0.0	5.8	7.6	7.7	7.9	8.0	8.2		
0.1	5.9	7.7	7.9	8.0	8.1	8.3		

Average Annual Change
1979-1981

Customers:	-0.1
Avg. Use:	27.2

III. FIVE YEAR SALES FORECAST: 1982-1986

A. Forecast and Basic Assumptions

During the development of the long-term electric sales forecast primary emphasis was placed on two periods: 1982 to 1983 and 1987 to 2002. The need for a short-term budget required a forecast of electric sales for 1982 and 1983. The long-term outlook for sales beyond 1986 was required mainly for engineering planning studies related to PP&L generating capacity. The interim years, 1984 to 1986, serve as a bridge between the two periods.

Basically, the forecast of 1982 and 1983 annual sales was developed by comparing six estimates which were independently produced by different forecasting methodologies. A Consensus forecast was then determined based upon that comparison. The 1984 to 1986 sales were forecasted based primarily upon estimates produced through econometric techniques but tempered with experienced judgment. The 1982 to 1986 Consensus sales forecast by customer class is presented in Table V.

Table V

Five Year Sales Forecast
1982-1986
(GWH)

	1982	1983	1984	1985	1986
Residential					
EHH	3,300	3,300	3,200	3,100	3,300
GRS	4,800	4,900	4,900	4,900	4,800
	8,100	8,200	8,100	8,000	8,100
Commercial	6,000	6,200	6,300	6,400	6,400
Industrial	7,700	8,100	8,400	8,600	8,800
Other	1,005	1,035	1,100	1,150	1,100
Total	22,805	23,535	23,900	24,150	24,400

Sales to the EHH class are expected to decline in 1982, maintain that level through 1983, decline further in 1984 and 1985, and then increase in 1986. During the short-term the number of electrically heated customers is expected to increase but at less than historic rates. However, the increase in sales due to additional customers will be offset by a declining average use resulting from higher electricity prices, smaller homes, and continued conservation.

Economic conditions are expected to impose downward pressure on sales to the GRS class during the 1982 to 1986 period. The economic climate in the PP&L service area is expected to lead to increased outmigration. As a result, the number of GRS customers is estimated to grow at a rate less than the historic average. In addition, average use is forecast to remain essentially unchanged from 1982 to 1986.

Sales to the commercial class are expected to increase through 1986. Unfavorable economic conditions in 1982 are expected to impose downward pressure on commercial sales growth due to a declining number of new customers and increased number of establishments closing permanently. Possible improved economic conditions in 1983 through 1986 could provide increased sales to this sector, spurred by a growth in new customers. The growth of average use over the five year period will be at a rate less than historic due to the higher price of electricity and increased conservation.

Sales to the industrial class are expected to decline in 1982 due to the recessionary economy. A potential recovery in 1983 could stimulate production thereby increasing electric sales; however, this customer class exhibits a great deal of uncertainty. If oil or natural gas prices rise faster than electric prices, then electricity could begin to capture a larger share of the industrial energy market as users turn to electricity as a less costly energy source. This potentially increased market share coupled with improved economic conditions could lead to increased sales during the 1984 to 1986 period.

IV. LONG-TERM SALES FORECAST: 1982-2002

A. Forecast and Basic Assumptions

Table VI presents the long-term annual sales forecast which was developed utilizing an econometric model, and the smoothing technique discussed in Section IV B. Twelve years of historic quarterly data starting in 1970 were used to estimate the relationship of sales to economic changes, demographics, weather conditions, and technological changes. Sales were then forecasted through 2002 based on economic projections, future demographic changes and expected technological changes. Long-term economic assumptions were primarily based on Data Resources' U.S. Macroeconomic projections. Long-term macroeconomic assumptions include the effect of natural gas deregulation, and assume no major national or international political disruptions. The forecast generated under these conditions is assumed to be the expected case.

Future economic growth could spur a different industrial structure in Pennsylvania. This changing structure is expected to affect the industrial mix in the PP&L service area. It is projected that in the long-term the energy-intensive industries, such as steel, metal products, cement and textiles, could experience zero or slightly negative growth while potential expansions could occur in the general industrial sector such as in the chemical and food categories.

The effects of changing economic conditions on residential and commercial sales is expected to differ from the industrial class in the long-term. Sales to electrically heated homes are expected to grow but at a slower than historic rate. Sales to the general residential customers will continue to grow aided by technological changes that provide the market with new electric uses. It is anticipated that commercial sales will follow a pattern of growth that is slightly less than its historic average.

Table VI

Long-Term Expected Sales Forecast
1982-2002
(GWH)

1981	(Actual)	22,885
1982		22,805
1983		23,535
1984		23,900
1985		24,150
1986		24,400
1987		25,000
1988		25,600
1989		26,200
1990		26,800
1991		27,400
1992		28,100
1993		28,800
1994		29,500
1995		30,200
1996		30,900
1997		31,500
1998		32,100
1999		32,700
2000		33,300
2001		33,900
2002		34,700

B. Rounding and Smoothing of Expected 1986 to 2002 Sales Estimates

The long-term (1986 to 2002) expected point estimates of sales were developed by selecting four anchor points (1986, 1991, 1996 and 2001) from the Econometric forecast. Due to the uncertainty surrounding a forecast the farther out it is generated, it was decided to round the four anchor point estimates to the nearest 100 GWh. Smoothing between the anchor points was then done by calculating the change in sales between the two anchor points and evenly distributing that change over the five year span. The long-term low and high band estimates were also calculated using this method. Table VII presents the Econometric, Rounded Econometric and Smoothed-Expected forecasts of sales from 1986 to 2002.

Table VII

Long-Term Sales Forecast
(GWH)

Year	Econometric	Rounded Econometric	Smoothed Expected
1986	24,415	24,400	24,400
1987	25,080	25,100	25,000
1988	25,799	25,800	25,600
1989	26,473	26,500	26,200
1990	27,045	27,000	26,800
1991	27,475	27,500	27,400
1992	28,264	28,300	28,100
1993	28,840	28,800	28,800
1994	29,356	29,400	29,500
1995	30,132	30,100	30,200
1996	30,862	30,900	30,900
1997	31,427	31,400	31,500
1998	32,203	32,200	32,100
1999	32,888	32,900	32,700
2000	33,379	33,400	33,300
2001	33,940	33,900	33,900
2002	34,691	34,700	34,700

C. High and Low Bands

The long-term sales forecast was developed based upon a set of assumptions about an uncertain future. An attempt was made to recognize this inherent uncertainty by developing a probability band around the "Expected" case in which the "Low" and "High" values represent the lower and upper limits of the "Expected" forecast. This probability band translates to a 95 percent chance of the actual sales being above the "Low" and a 95 percent chance of the actual sales falling below the "High". Table VIII presents the "Expected" forecast along with the "Low" and "High" forecasted values.

Table VIII

Long-Term Sales Forecast
1982-2002
(GWH)

Year	Low	Expected	High
1981 (Actual)	22,885	22,885	22,885
1982	22,549	22,805	23,050
1983	23,025	23,535	24,045
1984	23,127	23,900	24,672
1985	23,112	24,150	25,188
1986	23,108	24,400	25.722
1987	23,400	25,000	26,600
1988	23,700	25,600	27,500
1989	24,000	26,200	28,400
1990	24,300	26,800	29,300
1991	24,700	27,400	30,200
1992	25,000	28,100	31,200
1993	25,300	28,800	32,200
1994	25,600	29,500	33,300
1995	25,900	30,200	34,300
1996	26,300	30,900	35,300
1997	26,600	31,500	36,300
1998	26,900	32,100	37,300
1999	27,200	32,700	38,300
2000	27,500	33,300	39,300
2001	27,800	33,900	40,300
2002	28,100	34,700	41,300

D. Checks

Table IX presents historic and forecasted average annual gains and percent growth for total sales. This tabulation was used as a check for the reasonableness of the long-term (1982-2002) sales forecast.

Table IX

Total Sales
Average Gain Statistics
(GWH)

	Absolute Gain			
	Minimum	Average	Maximum	Percent Growth
1965-1981	280	850	1,450	5.9
1965-1973	808	1,130	1,450	9.0
1974-1981	280	600	1,000	2.9
1981-2002	250	600	800	2.0

The expected forecast of total sales translates into an average annual gain of 600 GWH which is equivalent to the average gain of the post-oil embargo period of 1974 to 1981. However, the forecasted gain is less than the average experienced in the 1965 to 1981 period. This is to be expected since the 1965 to 1981 statistics reflect the high growth in residential and commercial sales during the late 1960's and early 1970's.

E. Uncertainty and Sensitivity

PP&L's electric sales are a function of the economy, demographics, price of electricity, relative prices of substitute fuels, technology, and changing lifestyles. The long-term expected sales forecast is based upon certain assumptions about these factors. These explanatory variables are volatile and their behavior becomes more difficult to accurately predict over a long-term period of 21 years. As a result, the uncertainty surrounding point estimates increases as the forecast is generated farther out in time. "High" and "Low" bands were developed to recognize the uncertainty inherent in the forecast.