BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

WEST PENN POWER COMPANY
DOCKET NO. R-2016-2537359

2016 GENERAL BASE RATE FILING

(Volume I of III)

FILED: April 28, 2016

WEST PENN POWER COMPANY

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Tariff Supplement

WEST PENN POWER COMPANY

EXHIBIT NO. 1

Supplement No. 15 to
Tariff Electric – Pa. P.U.C. No. 40

Supplement No. 15
Electric Pa. P.U.C. No. 40

WEST PENN POWER COMPANY

READING, PENNSYLVANIA

Electric Service Tariff

Effective in

The Territory as Defined on
Page Nos. 7 - 14 of this Tariff

Issued: April 28, 2016 **Effective: June 27, 2016**

By: Steven E. Strah, President
Reading, Pennsylvania

NOTICE

This Supplement No. 15 makes changes to Description of Territory, General Rules and Regulations, Rate Schedules and Riders.
See Thirteenth Revised Page 2.

LIST OF MODIFICATIONS

Description of Territory

Changes within Territories (See First Revised Pages 8, 9, 10, 13 and 14).

General Rules and Regulations

Definition of Terms – Definitions of Applicant and Customer (See First Revised Pages 16, 18, and 19).

Rule 2 – Deposits language has changed (See First Revised Page 28).

Rule 7 - Wiring, Apparatus and Inspection – Applicant/Customer Obligations language has changed (See First Revised Page 41).

Rule 10 – Meter Reading and Rendering of Bills (b) (1) Estimated Bills – Language has been changed (See First Revised Page 47).

Rule 10 – Meter Reading and Rendering of Bills (9) Power Factor/Kilovar Billing – Language has been changed (See First Revised Page 51).

Rule 11 – Payment of Bills (b) – Rates have been increased (See First Revised Page 53).

Rule 22 – Transfer of Electric Generation Supplier – Language has been changed (See First Revised Page 63).

Rate Schedules

Schedule 10 – Domestic Service – Rates have been increased (See First Revised Page 64 and Second Revised Page 65).

Schedule 20 – General Service – Rates have been increased (See First Revised Pages 66 and 67). Language has been changed (See First Revised Page 67).

Schedule 30 – General Power Service – Rates have been increased (See Second Revised Pages 69 and 70). Language has been changed (See Second Revised Pages 69, 70 and 71).

Schedule 35 – General Power Service – Rates have been increased (See Second Revised Page 73 and 74). Language has been changed (See Second Revised Page 74 and 75).

Schedule 40 – Primary Power Service – Rates have been increased (See Second Revised Page 76). Language has been changed (See Second Revised Pages 77 and 78).
Rider J – Default Service Support

LIST OF MODIFICATIONS

Rate Schedules (continued)

Schedule 44 – Primary Power Service – Rates have been increased (See First Revised Page 79).

Schedule 46 – Primary Power Service – Rates have been increased and language has been changed (See First Revised Page 83 and Second Revised Page 84).

Schedule 51 – Street Lighting Service – Rates have been increased (See Second Revised Page 87 and language has been changed (See First Revised Page 88).

Schedule 52 – Outdoor Lighting Service – Rates have been increased (See First Revised Page 93 and language has been changed (See First Revised Page 94).

Schedule 53 – Street and Area Lighting – Rates have been increased (See Second Revised Page 95) and language has been changed (See First Revised Pages 96 and 98).

Schedule 54 – Street Lighting Service – Rates have been increased (See First Revised Page 102) and language has been changed (See First Revised Pages 103 and 104).

Schedule 55 – Area Lighting Service-Underground Distribution – Rates have been increased (See First Revised Page 107). Removed lighting selections (See First Revised Page 107). Language has been changed (See First Revised Page 108).

Schedule 56 – Street Lighting Service-Customer Owned Equipment - Rates have been increased (See First Revised Page 113). Removed lighting selections (See First Revised Page 113). Language has been changed (See First Revised Pages 114 and 117).

Schedule 57 – Outdoor Lighting- Equipment, Maintenance, and Unmetered Service - Rates have been increased (See First Revised Pages 118, 119, 120 and 121). Removed lighting selections (See First Revised Page 120 and 121. Language has been changed (See First Revised Pages 122 and 126).

Schedule 58 – Outdoor Lighting- Maintenance, and Unmetered Service – Rates have been increased (See Revised Page 129). Removed lighting selections (See First Revised Page 130). Language has been changed (See First Revised Page 131).

LIST OF MODIFICATIONS

Rate Schedules (continued)

Schedule 59 – Outdoor Lighting- Equipment and Maintenance Service – Rates have been increased (See Revised Pages 135, 136, and 137). Removed lighting selections (See Revised Pages 135,136, 137, and 138. Language has been changed (See First Revised Pages 139 and 142).

Schedule 71 – Mercury Vapor Street and Highway Lighting Service – Rates have been increased. Removed a lighting selection (See First Revised Page 146). Language has been changed (See First Revised Page 147).

Schedule 72 – LED Street Lighting Service – Rates have been increased and language has been changed (See First Revised Page 149).

Riders

Rider J – Default Service Support Rider – Rates have been increased. (See Second Revised Pages 185 and 186).

Rider L – Partial Services Rider – Rates have been increased and language has been changed (See First Revised Page 195).

GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

BEDFORD COUNTY

Borough of Hyndman

Townships

Cumberland Valley	Londonderry	Monroe	Southampton
East Providence	Mann		

BLAIR COUNTY

Townships

Snyder (C)

BUTLER COUNTY

City of Butler

Boroughs

Bruin	Eau Claire	Petrolia	Slippery Rock
Cherry Valley	Fairview	Portersville	West Liberty
Chicora	Harrisville	Prospect	West Sunbury
East Butler	Karns City	Saxonburg	

Townships

Allegheny	Clinton	Lancaster	Penn
Brady	Concord	Marion	Slippery Rock
Buffalo	Connoquenessing	Mercer	Summit
Butler	Donegal	Middlesex	Venango
Center	Fairview	Muddycreek	Washington
Cherry	Franklin	Oakland	Winfield
Clay	Jefferson	Parker	Worth
Clearfield			

CAMERON COUNTY

Boroughs

Driftwood Emporium

Townships

Gibson	Lumber	Portage	Shippen
Grove			

(C) Change

GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

CENTRE COUNTY
Boroughs

Bellefonte	Howard	Milesburg	State College
Centre Hall	Millheim	Port Matilda	Unionville

Townships

Benner	Haines	Marion	Spring
Boggs	Halfmoon	Miles	Taylor
College	Harris	Patton	Union
Curtin	Howard	Penn	Walker
Ferguson	Huston	Potter	Worth
Gregg	Liberty	Rush	(C)

CLARION COUNTY
Boroughs

Clarion	Hawthorne	Rimersburg	Strattanville
East Brady	New Bethlehem	Sligo	

Townships

Brady	Madison	Perry	Redbank
Clarion	Millcreek	Piney	Toby
Limestone	Monroe	Porter	

CLINTON COUNTY
Borough of Beech Creek
Townships

Beech Creek	Gallager	Leidy	West Keating
Chapman	Grugan	Porter	
East Keating	Lamar		

(C) Change

GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

ELK COUNTY
City

St. Marys (C)

Boroughs

Johnsonburg Ridgway

Townships

Benezette	Fox	Horton	Jones	
	Highland	Jay	Ridgway	(C)

FAYETTE COUNTY
Cities

Connellsville Uniontown

Boroughs

Belle Vernon	Everson	Masontown	Point Marion
Brownsville	Fairchance	Newell	Smithfield
Dawson	Fayette City	Ohiopyle	South Connellsville
Dunbar	Markleysburg	Perryopolis	Vanderbilt

Townships

Brownsville	German	Nicholson	Springfield
Bullskin	Henry Clay	North Union	Springhill
Connellsville	Jefferson	Perry	Stewart
Dunbar	Lower Tyrone	Redstone	Upper Tyrone
Franklin	Luzerne	Saltlick	Washington
Georges	Menallen	South Union	Wharton

FRANKLIN COUNTY
Boroughs

Chambersburg	Mercersburg	Mont Alto	Waynesboro
Greencastle			

Townships

Antrim	Hamilton	Peters	Warren
Greene	Letterkenny	Quincy	Washington
Guilford	Montgomery	St. Thomas	

(C) Change

GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

WASHINGTON COUNTY
Cities

Monongahela Washington

Boroughs

Allenport	Coal Center	Finleyville	North Charleroi
Beallsville	Cokeburg	Green Hills	Roscoe
Bentleyville	Deemston	Houston	Speers
Burgettstown	Donora	Long Branch	Stockdale
California	Dunlevy	Marianna	Twilight
Canonsburg	East Washington	McDonald	
Centerville	Ellsworth	Midway	West Brownsville
Charleroi	Elco	New Eagle	West Middletown
Claysville			

Townships

Amwell	Donegal	Morris	Smith
Blaine	East Bethlehem	Mt. Pleasant	Somerset
Buffalo	East Finley	North Bethlehem	South Franklin
Canton	Fallowfield	North Franklin	South Strabane
Carroll	Hanover	North Strabane	Union
Cecil	Hopewell	Nottingham	West Bethlehem
Chartiers	Independence	Peters	West Finley
Cross Creek	Jefferson	Robinson	West Pike Run

(C) Change

GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

WESTMORELAND COUNTY

Cities

Arnold	Jeannette	Lower Burrell	New Kensington (C)
Greensburg	Latrobe	Monessen	

Boroughs

Adamsburg	Hyde Park	New Alexandria	South Greensburg (C)
Arona	Irwin	New Stanton	Southwest Greensburg
Avonmore		North Belle Vernon	Sutersville
Delmont	Laurel Mountain	North Irwin	Vandergrift
Derry	Ligonier	Oklahoma	West Leechburg
Donegal	Madison	Penn	West Newton
East Vandergrift	Manor	Scottdale	Youngstown
Export	Mt. Pleasant	Smithton	Youngwood
Hunker	Murrysville		

Townships

Allegheny	Fairfield	North Huntingdon	South Huntingdon
Bell	Hempfield	Penn	St. Clair
Cook	Ligonier	Rostraver	Unity
Derry	Loyalhanna	Salem	Upper Burrell
Donegal	Mt. Pleasant	Sewickley	Washington
East Huntingdon			

The Company's Rate Schedules and Rules and Regulations also apply in territory adjacent to the above named localities.

(C) Change

GENERAL RULES AND REGULATIONS

Definition of Terms (continued)

Alternative Energy Portfolio Standards ("AEPS") – Standards requiring that a certain amount of electric energy sold from alternative energy sources be included as part of the sources of electric utilities within the Commonwealth of Pennsylvania in accordance with the Alternative Energy Portfolio Standards Act, 73 P.S. §1648.1 – 1648.8 ("AEPS Act") as may be amended from time to time. (C)

Applicant – Any person, corporation or other entity that (i) desires to receive from the Company electric or any other service provided for in this Tariff, (ii) complies completely with all Company requirements for obtaining electric or any other service provided for in this Tariff, (iii) has filed and is awaiting Company approval of its application for service, and (iv) is not yet actually receiving from the Company any service provided for in this Tariff. For Residential Service, an Applicant is a natural person at least 18 years of age not currently receiving service who applies for Residential Service or any adult occupant whose name appears on the mortgage, deed or lease of the property for which the Residential Service is requested. The term does not include a person who seeks to transfer service within the service territory of the Company or to reinstate service at the same address provided that the final bill for service is not past due.

Basic Electric Supply – For purposes of the Company's Purchase of EGS Receivables Program, energy (including renewable energy) and renewable energy or alternative energy credits (RECs/AECs) procured by an EGS, provided that the RECs/AECs are bundled with the associated delivered energy. For residential Customers, Basic Electric Supply does not include early contract cancellation fees, late fees, or security deposits imposed by an EGS.

Black Start Service – The ability of a Generating Facility to go from a shutdown condition to an operating condition and start delivering power without assistance from the power system (i.e., the Company's electrical system).

Cash Advance – A refundable contribution in cash from an Applicant for those costs associated with a Line Extension, increased for applicable taxes, which is held by the Company in a non-interest bearing account.

(C) Change

GENERAL RULES AND REGULATIONS

Definition of Terms (continued)

Contributions in Aid of Construction ("CIAC") – A non-refundable contribution in cash from an Applicant for those costs associated with a Line Extension and/or tree trimming, brush clearance and related activities or those costs associated with Temporary Service or the relocation of Company facilities, increased for applicable taxes. (C)

Customer(s) – Any person, partnership, association, corporation, or other entity (i) in whose name a service account is listed, (ii) who occupies or is the ratepayer for any premises, building, structure, etc. or (iii) is primarily responsible for payment of bills. For Residential Service, a Customer is a natural person at least 18 years of age in whose name a Residential Service account is listed and who is primarily responsible for payment of bills rendered for the service or any adult occupant whose name appears on the mortgage, deed, or lease of the property for which the Residential Service is being requested. A natural person remains a Customer after discontinuance or termination until the final bill for service becomes past due.

Customer Choice and Competition Act – The Pennsylvania legislation known as the "Electricity Generation Customer Choice and Competition Act," 66 Pa. C. S. §§ 2801-2813 as implemented by the Default Service Regulations 52 Pa. C. S. §§52.181-52.189, and by Act 129 and as may be amended from time to time.

Default Service – Service provided pursuant to a Default Service Program to a Default Service Customer.

Default Service Customer – A Delivery Service Customer not receiving service from an EGS.

Delivery Service – Provision of distribution of electric energy and other services provided by the Company.

Delivery Service Charge – A charge that includes the Monthly Minimum Charge, Distribution Charge, and all charges and surcharges imposed under other applicable tariff provisions.

(C) Change

GENERAL RULES AND REGULATIONS

The Company may require an Applicant/Customer to make the payment of any outstanding balance or portion of an outstanding balance if the Applicant/Customer resided at the property for which service is requested during the time the outstanding balance accrued and for the time the Applicant/Customer resided at the property not to exceed four years. The Company may establish that an Applicant/Customer previously resided at a property through the use of mortgage, deed, lease information, a consumer credit reporting service, a Financial Summary that provides the names and income of adult occupants of a household, and a web-based tool such as "Accurint" to research Applicant/Customer information.

2. Deposits

Where an Applicant's/Customer's credit is not established or the credit of a Customer with the Company has, in the Company's judgment become impaired, or where the Company deems it necessary, a deposit or other guarantee satisfactory to the Company may be required to be supplied by the Applicant/Customer as security for the payment of future and final bills before the Company shall commence or continue to render any type of electric service to the Applicant/Customer. Deposits required by the Company for Tariff charges shall include unpaid EGS charges that are subject to the Company's POR.

The Company utilizes a generally accepted credit scoring methodology in range of general industry practice that is based on an applicant or customer's utility payment history. (C)

The Company may request deposits from Customers taking service for a period of less than thirty (30) days, in an amount equal to the estimated bill for the cost of total services provided by the Company for such temporary period. Deposits may be required by the Company from all other Customers, in an amount that is in accordance with 52 Pa. Code § 56.51.

Deposits for Residential Customers shall be returned to them in accordance with the provisions of the Responsible Utility Customer Protection Act (66 Pa. C.S. §§ 1401-1418) and the provisions of the Commission's Regulations at 52 Pa. Code Chapter 56, as amended from time to time. Deposits from all other Customers may be held by the Company, in its sole and exclusive judgment, until the Customer discontinues service or the Company determines that the Customer has established a satisfactory payment record. Upon discontinuance of all Company service and payment in full of all charges and financial guarantees, the Company shall refund the deposit or deduct any unpaid amounts from the deposit and refund the difference, if any, to the Customer. The deposit shall no longer accrue interest upon the discontinuance of service.

The interest rate on Residential Customer deposits will be calculated pursuant to the Fiscal Code, as amended annually.

(C) Change

GENERAL RULES AND REGULATIONS

Rule 7 – Wiring, Apparatus and Inspection (continued)

When a Customer's facilities or use of equipment having operating characteristics that adversely affects or has the potential to adversely affect, in the Company's sole judgment, the Company's electric system, the Customer shall take corrective action at its sole expense as may be directed by the Company. Unless corrective action is taken, the Company is under no obligation to serve or to continue to serve such Customers.

Each Applicant/Customer shall provide to the Company such service information described in Rule 1 of this Tariff. The Applicant/Customer shall be responsible and liable to the Company for any damages resulting from the Customer's failure to provide such service information.

(C)

The Company will require the customer to maintain a Power Factor in the range of 85% (lagging) to 100% for secondary, primary and subtransmission service and 97% (lagging) to 99% (leading) for transmission service, coincident with the customers maximum monthly peak demand and to provide, at the Customer's expense, any corrective equipment necessary in order to do so. The Company may inspect the Customer's installed equipment and/or place instruments on the premises of the Customer in order to determine compliance with this requirement, as deemed appropriate by the Company. The Company may charge the Customer the Company's installation cost incurred for corrective devices necessary for compliance with this provision. The Company is under no obligation to serve, or to continue to serve, a Customer who does not maintain a Power Factor consistent with the parameters set forth in this provision.

8. Metering

Company Obligations

The Company owns, maintains, installs and operates a variety of meters, and related equipment designed to measure and record Customers' consumption and usage of all services provided under this Tariff. The Company may, in its sole and exclusive discretion, install such meters and related equipment it deems reasonable and appropriate to provide service to Customers under this Tariff. The Company may, in its sole and exclusive discretion, install such special metering equipment as may be requested by a Customer, subject to the Customer paying all of the Company's incremental material, labor, overheads and administrative and general expenses relating to such facilities. Where additional metering services and the associated costs for the additional metering services are contained within this Tariff, those costs shall also be applicable.

An advanced meter may be installed, maintained, and removed according to provisions in Appendix C of the Joint Petition for Full Settlement of West Penn Power Company's Restructuring Plan and Related Court Proceedings at Docket No. R-00973981.

An advanced meter is defined as a meter (1) capable of storing electric consumption data at specified time intervals of no greater than one-half hour and in conformance with applicable performance specifications, and (2) capable of remote meter reading.

(C) Change

GENERAL RULES AND REGULATIONS

Rule 10 – Meter Reading and Rendering of Bills (continued)

(2) At a Customer's request, not more than one (1) time per calendar year, the Company shall provide at no cost to the Customer, the Customer's historical billing data for the most recent twelve (12) months for which such data is available. If a Customer requests billing data (i) for a period earlier than the most recent twelve (12) months for which the data is available or (ii) in greater detail than normally maintained by the Company and provided to Customers, the Company may provide such additional data to the Customer, reserving the right to charge Customers an additional amount for historical billing beyond the most recent twelve (12) months to offset the costs of providing the service.

b. Rendering of Bills

(1) Estimated Bills

When meters are read on other than a monthly schedule, the Company may render estimated monthly bills to Customers for the periods when meter readings are not obtained, and such bills shall be due and payable by each Customer upon presentation by the Company, subject to the Company's standard payment terms. (C)

Under 52 Pa. Code § 56.222, the Company requested and was granted a waiver from 52 Pa. Code § 56.12 (2)(i)–(ii) by the Commission. In accordance with this waiver, the Company will accept Customer-supplied meter readings in lieu of an estimated meter reading by telephone or through the Company's internet website. If the Customer-supplied reading is received by the Company within the timeframe prescribed on the customer's monthly bill, the charges for such month will be computed from the Customer-supplied meter reading instead of by estimate. The Company will adjust estimates of bills for changes in conditions of which it has been notified in advance by a Customer.

When interim monthly bills are not rendered by the Company, a Customer, at its option, may voluntarily pay the Company its own estimate of an interim monthly bill, and such payment shall be shown by the Company as a credit on the next standard bill rendered to that Customer.

In the event the Company is unable to gain access to the meter location to obtain readings, it may, at its option, estimate the amount of electric service supplied based upon the Customer's past usage or, if no prior Customer usage is available, the past usage at the service location, and render an appropriate bill, which shall be paid in accordance with the Company's payment terms specified in this Tariff. Any bills covering subsequent meter readings shall reflect any adjustment due to under- or over-estimation, or any unusual circumstances known to have affected the quantity of service used by the Customer or consumed at the premises.

(C) Change

GENERAL RULES AND REGULATIONS

Rule 10 – Meter Reading and Rendering of Bills (continued)

(9) Power Factor/ kilovar Billing (C)

Billing for Power Factor or kilovars, whichever is applicable, shall be in accordance with the Customer's applicable Rate Schedule or other provisions of this Tariff. The Power Factor used for billing purposes shall be rounded to the next highest whole percent, unless otherwise stated in the Customer's applicable Rate Schedule or other provisions of this Tariff.

(10) Billing for Vandalism, Theft or Deception

In the event that the Company's meters or other equipment on the Customer's premises have been tampered or interfered with by any means whatsoever, resulting in improper or non-registration of service supplied, the Customer being supplied through such equipment shall pay to the Company the amount the Company estimates is due for service used but not registered on the Company's meter, and the cost of any repairs or replacements, inspections and investigations relating thereto including, but not limited to, all administrative expenses associated with the investigation(s) (e.g., Legal, Accounting/Billing, etc.). Under these circumstances, the Company may at its option terminate its service immediately and/or require the Customer to pay all costs correcting any and all unauthorized conditions at the premises. In the event service has been terminated under these circumstances it shall not be restored to the Customer's premises until: (i) the Customer has a certificate of compliance with the provisions of the National Electric Code and the regulations of the National Fire Protection Association has been issued by the municipal inspection bureau or by any Company-accepted inspection agency, (ii) the Customer has complied with all of the Company's requirements and (iii) the Customer pays the Company a reconnection fee and deposit.

In the event that a Customer knowingly and willfully obtained service for itself or for another by creating or reinforcing a false impression, statement or representation and fails to correct the same, the Company shall immediately correct the account information in question and issue an adjustment for all current or previous amounts. The Customer shall be required to show proof of identity and sign an agreement for payment of all electric service received, plus any and all costs and administrative expenses associated with any investigation(s) (i.e., Legal, Accounts/Billing, etc.) which shall be added to their account. The Customer shall have three (3) business days in which to provide proof of identity. The Company may terminate a Customer's electric service if the Customer fails to provide such proof of identity within the aforementioned time period.

(C) Change

GENERAL RULES AND REGULATIONS

Rule 11 – Payment of Bills (continued)

A Customer's failure to receive a bill shall not be construed or deemed, under any circumstances, to be a waiver of any of the provisions of this Tariff. A Customer's bill shall be overdue when not paid on or before the due date indicated in the bill.

b. Late Payment Charges

Late payment charges shall be applied to Default Service Charges, EGS charges that are subject to the Company's POR and Delivery Service Charges. The Company will apply late payment charges to EGS charges that are not subject to the Company's POR at the EGS's request when it is performing billing services for the EGS.

A Residential Customer's overdue bill shall be subject to a late payment charge of 1.5% (I) interest per month on the overdue balance of the bill. A Non-Residential Customer's overdue bill shall be subject to a late payment charge of 2.0% interest per month on the overdue balance of the bill. Interest charges shall be calculated by the Company on the overdue portions of the bill and shall not be charged against any sum that falls due during a current billing period. At the Company's option, the interest per month associated with the late payment charge for Residential Customers may be reduced or eliminated in order to facilitate payment of bills under dispute.

c. Allocation of Payments

All payments made by or on behalf of a Customer shall be applied to a Customer's account in accordance with the Commission's payment posting rules and applicable Regulations including the Company's Electric Generation Supplier Coordination Tariff on file with the Commission.

d. Delinquent Accounts

A Customer's account is delinquent when not paid in full by the due date stated on the bill or otherwise agreed upon by the Customer and the Company. The Company shall pursue collections of outstanding residential delinquent account balances in accordance with applicable law and Commission regulations. Termination of service will occur only for non-payment of undisputed delinquent accounts associated with the Company's regulated charges, which shall include EGS charges subject to the Company's POR.

The Company will have the ability to terminate service to a Customer for the Customer's non-payment of EGS Basic Electric Supply charges incurred after January 1, 2011 in the same manner and to the same extent that the Company could terminate service to such a Customer for non-payment of EDC charges. Residential Customer's termination will be subject to the consumer protections included in Chapter 14 of the Public Utility Code, Chapters 55 and 56 of the Commission's regulations, 52 Pa. Code §§ 55.1 and 56.1 et. seq., and/or other applicable regulations as may change from time to time. The POR is only available as long as the Company is able to terminate service to Customers under Chapter 14 of the Public Utility Code and Chapters 55 and 56 of the Commission's regulations, 52 Pa. Code §§ 55.1 and 56.1 et. seq., and/or other applicable regulations as may change from time to time.

(I) Increase

GENERAL RULES AND REGULATIONS

Rule 21 – Service Continuity: Limitation on Liability for Service (continued)

To the extent applicable under the Uniform Commercial Code or on any theory of contract or products liability, the Company disclaims and shall not be liable to any Customer or third party for any claims involving and including, but not limited to, strict products liability, breach of contract, and breach of actual or implied warranties of merchantability or fitness for an intended purpose.

If the Company becomes liable under Section 2806(g) or 2809(c) of the Public Utility Code, 66 Pa. C.S. §§ 2806(g) and 2809(f), for Pennsylvania state taxes not paid by an Electric Generation Supplier (EGS), the non-compliant EGS shall indemnify the Company for the amount of additional state tax liability imposed upon the Company by the Pennsylvania Department of Revenue due to the failure of the EGS to pay or remit to the Commonwealth the tax imposed on its gross receipts under Section 1101 of the Tax Report Code of 1971 or Chapter 28 of Title 66.

22. Transfer of Electric Generation Supplier (C)

The Company shall change a Customer's EGS in accordance with the 52 Pa. Code Chapter 57, Subchapter M, "Standards for Changing a Customer's Electricity Generation Supplier". Pursuant to the Commission's Rulemaking to Amend the Provisions of 52 Pa. Code, Chapter 57 Regulations Regarding Standards for Changing a Customer's Electricity Generation Supplier, at Docket L-2014-2409383, changes in a Customer's EGS shall be effective within three (3) business days after the enrollment request is processed, regardless of whether the meter reading is actual or estimated.

(C) Change

RATE SCHEDULES

SCHEDULE 10
DOMESTIC SERVICE

AVAILABILITY

Available for single-phase service to a single-family residence served through one meter.

MONTHLY RATE (For a Single Residence)

DISTRIBUTION CHARGES

$13.98 per month (Customer Charge), plus (I)

3.113 cents per kWh for all kWh (I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider charges:

Rider A -- State Tax Adjustment Surcharge
Rider C -- Universal Service Charge
Rider F - Phase II Energy Efficiency and Conservation Charge
Rider G -- Smart Meter Technologies Surcharge
Rider J -- Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Residential Customer Class rate applies.

(I) Increase

RATE SCHEDULES

Schedule 10 (continued)

Minimum Charge:

$13.98 per month, plus distribution energy charges and any charges related to applicable riders. (I)

PAYMENT TERMS

As per Rule 11, Payment of Bills

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' on-peak metered energy by 1.09333 and off-peak metered energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

When two or more residential units up to a maximum of five units are supplied through a single meter, each shall be classed as a Single Family Residence, and the above appropriate Monthly Rate shall apply to each.

This Schedule is available for single-phase service to farms when supplied along with service for the residence through one meter.

Combination residential and commercial service may be taken on this Schedule when the entire service is taken through one meter and the total commercial connected load does not necessitate upgrade of service facilities.

LOADS IN EXCESS OF 25 KILOWATTS: The Company shall install a suitable demand meter to determine the maximum fifteen (15)-minute integrated demand when (i) a Customer's service requires installation of an individual transformer, (ii) a Customer's total monthly consumption exceeds 10,000 kilowatt-hours for two (2) consecutive months, or (iii) when the Customer's service entrance requirements exceed 600 amperes.

If the demand so determined under this provision exceeds twenty-five (25) kilowatts, a monthly distribution demand charge of Two Dollars ($2.00) per kW for all kW shall apply to such excess as set forth in this provision, in addition to the General Monthly Charges. In no event shall the demand charge be based upon less than seventy-five percent (75%) of the highest excess demand during the preceding eleven (11) months.

Rules and Regulations:

The Company's Standard Rules and Regulations shall apply to the installation and use of electric service. Motors and equipment served under this rate schedule shall have electrical characteristics so as not to interfere with service supplied to other customers of the Company.

((I) Increase

RATE SCHEDULES

SCHEDULE 20
GENERAL SERVICE

AVAILABILITY

Available for service through a single metering installation for secondary light and power service for loads up to 1,500 kWh.

MONTHLY RATE

DISTRIBUTION CHARGES

$9.58 per month (Customer Charge), plus (I)

4.385 cents per kWh for all kWh (I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Surcharge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H – Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies unless the Customer elects to receive Default Service from the Company under Rider I - Hourly Pricing Default Service Rider.

(I) Increase

RATE SCHEDULES

Schedule 20 (continued)

Minimum Charge

$9.58 per month plus distribution energy charges plus any charges related to applicable riders. (I)

PAYMENT TERMS

As per Rule 11, Payment of Bills

GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

A single family residence located within an establishment used also for other purposes may be separated electrically and billed as a separate connection under the appropriate residential rate schedule if Customer so desires.

TERM

Customer may leave the firm service provision of this schedule once in a twelve (12) month period. Service other than firm service will be provided as described below under MONTHLY SERVICE.

MONTHLY SERVICE (C)

Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges will be increased 10%.

(I) Increase
(C) Change

RATE SCHEDULES

SCHEDULE 30

GENERAL POWER SERVICE

Available for secondary light and power service for loads of up to 400 kW. Secondary voltage shall be supplied to Customers at a single transformer location when load does not require transformer capacity in excess of 2,500 kVA. Upon a Customer's request, the Company may, at its option, provide transformers having a capacity of greater than 2,500 kVA.

New Customers requiring transformer capacity in excess 2,500 kVA and existing Customers whose load increases such that a transformer change is required (over 2,500 kVA) shall be required to take untransformed service. (C)

If an existing Customer's total consumption is less than 1,500 kWh per month for twelve (12) consecutive months, the Customer may no longer be eligible for service under this Rate Schedule 30. Based upon the Company's then estimate of the Customer's usage, the Customer shall be placed on Rate Schedule 20 or such other Rate Schedule for which such Customer most qualifies. (C)

If an existing Customer's billing demand exceeds 400 kW for two (2) consecutive months in the most recent twelve-month period, then the Customer may no longer be eligible for service under this Rate Schedule 30 and shall be placed on Rate Schedule 35 or such other Rate Schedule for which such Customer most qualifies.

All of the following general monthly charges are applicable to Delivery Service

MONTHLY RATE

DISTRIBUTION CHARGES

$19.05 per month (Customer Charge), plus (I)

Demand

$3.02 per kW for all billing kW (I)

$0.18 for each rkVA of reactive billing demand

Energy

0.400 cents per kWh for all kWh

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 30 (continued)

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Surcharge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H-Price to Compare Default Service Rate Rider, Commercial Customer Class rate applies unless the Customer elects to receive Default Service from the Company under Rider I-Hourly Pricing Default Service Rider.

Minimum Charge:

No bill shall be rendered by the Company for less than:

$19.05 per month, plus (I)

The demand charge at current rate levels times the Billing Demand, plus Distribution Charges plus any charges stated in or calculated by any applicable Rider.

Determination of Billing Demand: (C)

A Customer's demand shall be measured by indicating or recording instruments. Demands shall be integrated over fifteen (15)-minute intervals. The billing demand in the current month shall be the greatest of: (i) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (ii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours, (iii) contract demand or (iv) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

Pending the installation of a demand meter, Customer's Demand shall be a formula demand determined by dividing the kilowatt-hour consumption by 200.

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 30 (continued)

Reactive Billing Demand:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

PAYMENT TERMS

As per Rule 11, Payment of Bills

GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

TERM

Minimum of one year, except as provided below under Monthly Service.

MONTHLY SERVICE (C)

Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and the Minimum Charge based on 100% of the Agreement Capacity shall be waived.

Monthly Service shall not be available for standby or maintenance service such as that required for alternative generation facilities.

(C) Change

RATE SCHEDULES

SCHEDULE 35

GENERAL POWER SERVICE

Available for light and power service for loads over 400 kW. Secondary voltage shall be supplied to Customers at a single transformer location when load does not require transformer capacity in excess of 2,500 kVA. Upon a Customer's request, the Company may, at its option, provide transformers having a capacity of greater than 2,500 kVA.

New Customers requiring transformer capacity in excess 2,500 kVA and existing Customers whose load increases such that a transformer change is required (over 2,500 kVA) shall be required to take untransformed service.

All of the following general monthly charges are applicable to Delivery Service

MONTHLY RATE

DISTRIBUTION CHARGES

$146.87 per month (Customer Charge), plus (I)

Demand

$4.09 per kW for all billing kW (I)
$0.18 for each rkVA of reactive billing demand

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

(I) Increase

RATE SCHEDULES

Schedule 35 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I – Hourly Pricing Default Service Rider rates apply.

Minimum Charge:

No bill shall be rendered by the Company for less than:

$146.87 per month, plus (I)

The demand charge at current rate levels times the Billing Demand plus Distribution Energy Charges plus charges stated in or calculated by any applicable Rider.

Determination of Billing Demand: (C)

A Customer's demand shall be measured by indicating or recording instruments. Demands shall be integrated over fifteen (15)-minute intervals. The billing demand in the current month shall be the greatest of: (i) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (ii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours (iii) contract demand or (iv) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

Pending the installation of a demand meter, Customer's Demand shall be a formula demand determined by dividing the kilowatt-hour consumption by 200.

Reactive Billing Demand:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 35 (continued)

SERVICE AT PRIMARY VOLTAGE

(C)

Customers served at voltages greater than 1,000 volts under this Rate Schedule qualify for the following discount.

VOLTAGE DISCOUNT

$1.23 per kW for all billing kW

PAYMENT OF TERMS

As per Rule 11, Payment of Bills

GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

TERM

Minimum of one year.

(C)

MONTHLY SERVICE

Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 100% of the Agreement Capacity shall be waived.

(C) Change

RATE SCHEDULES

SCHEDULE 40
PRIMARY POWER SERVICE

AVAILABILITY

Available for service at 25,000 volts or higher for loads of 2,000 kilowatts or greater, supplied at a single point of delivery. Also available at 12,470 volts where Company elects, at its sole option, to supply service direct from an adjacent 138,000 volt transmission line by a single transformation. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

$744.58 per month (Customer Charge), plus (I)

$0.74 per kW for all billed kW (I)

$0.18 for each rkVA of reactive billing demand

Transformer Charge
$1.29 for per kW of billing demand (I)

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I, the Hourly Pricing Default Service Rider rates apply.

(I) Increase

RATE SCHEDULES

Schedule 40 (continued)

PAYMENT TERMS

As per Rule 11, Payment of Bills

Minimum Charge:

No bill shall be rendered by the Company for less than, $744.58 per month, plus the demand charges of current rate levels times the Billing Demand, plus any distribution energy charges, and any charges stated in or calculated by any applicable rider.

DETERMINATION OF CUSTOMER'S BILLING DEMAND (C)

The Customer's demand shall be measured by indicating or recording instruments. Demand shall be integrated over fifteen (15)-minute intervals or as otherwise determined by the Company. The billing demand in the current month shall be the greatest of: (i) two thousand (2000) kW, (ii) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (iii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours (iv) contract demand or (v) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

REACTIVE BILLING DEMAND:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). The Reactive kilovolt-ampere charge is applied to the Customer's reactive kilovolt-ampere capacity requirement in excess of 35% of the Customer's kilowatt capacity. For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

TERM

The minimum Term of the Electric Service Agreement required by Company under Rule 4 shall be five (5) years when construction is involved without construction cost advance paid by Customer. Otherwise, term shall be determined in accordance with Customer's kilowatt requirements as set forth in the following table:

(C) Change

RATE SCHEDULES

Schedule 40 (continued)

Customer's Requirements	Minimum Term of Agreement
2,000 -- 5,000 kilowatts	2 years
5,001 -- 7,500 kilowatts	3 years
Over -- 7,500 kilowatts	4 years

Agreements shall remain in force until a one-year written cancellation notice has been given and the initial Term and Cancellation Notice Period have been expired, except:

(a) When a Customer increases capacity beyond the capacity specified in the Agreement, a new Agreement based on the new conditions may be required by the Company, or

(b) When a Customer decreases capacity after having satisfied the initial Term of the Agreement and cancellation notice and no change is made by the Company in its service facilities, a new Agreement may be written for a Term of one year less than those specified above

VOLTAGE DISCOUNT

(C)

$0.59 per kW for all billed kW

For loads of 10,000 kilowatts or greater, the Company will furnish service at voltages above 100,000 volts if such service is provided at a single delivery point from the Company's transmission system and in the sole judgment of the Company the necessary capacity is available. When such service is supplied and the Customer owns and maintains all required facilities, above discounts will be allowed, but in no case will the amount of the minimum bill be hereby reduced.

To qualify for this transmission voltage service, the Customer must be billed for at least 10,000 kilowatts at least once in every 12-month period.

Transformer Charge

When Customer desires to take service under this Schedule at a voltage between 1,000 and 15,000 volts, Company shall provide one transformation at charges set forth above based on the highest on-peak or off-peak demand for the month, but not less than any such demand previously established during the Term of the Electric Service Agreement nor less than the capacity specified therein. This transformer charge does not apply for those connections supplied at 12,470 volts by a single transformation from an adjacent 138,000 volt line.

Rules and Regulations:

The Company's Standard Rules and Regulations shall apply to the installation and use of electric service. Motors and equipment served under this rate schedule shall have electrical characteristics so as not to interfere with service supplied to other customers of the Company.

(C) Change

RATE SCHEDULES

SCHEDULE 44
PRIMARY POWER SERVICE

AVAILABILITY

Available only to locations now served hereunder and to locations for which definite rate commitments have been made as of December 31, 1998, under conditions stated below for interruptible power service at not less than 25,000 volts balanced three phase for loads of 5,000 kilovolt-amperes or greater to the extent that Company, in its sole judgment, determines that it has capacity for such service at the point of supply. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

DISTRIBUTION CHARGES

$5.51 per month (Customer Charge), plus

Point of supply at generating stations	
$0.23 per kVA for all billed kVA	(I)
$0.00060 per kWh for all billed kWh	(I)
Point of supply at transmission lines	
$0.23 per kVA for billed kVA	(I)
$0.00060 per kWh for billed kWh	(I)

Penalty Charge

In addition to the above demand and energy charges, a charge of $7.00 per kVA will apply each time a Customer fails to interrupt when requested. The kVA subject to this charge shall be the maximum fifteen-minute kilovolt-ampere demand during each interruption period beginning with the second full fifteen-minute period after commencement of an interruption by the Company and continuing through the fifteen-minute period immediately preceding termination of that interruption period.

(I) Increase

RATE SCHEDULES

SCHEDULE 46
PRIMARY POWER SERVICE

AVAILABILITY

Available only to locations now served hereunder and to locations for which definite rate commitments have been made as of December 31, 1998 for service at 25,000 volts or higher for loads of 30,000 kilovolt-amperes or greater, supplied at not more than five plant locations within a distance of eight miles. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

DISTRIBUTION CHARGES

$5.45 per month (Customer Charge), plus (I)
$0.60 per kVA for all billed kVA (I)

Voltage Discount (kVA)

$0.14 per kVA for all billed kVA (C)

If requested, the Company will furnish service at voltages above 100,000 volts at each plant location if such service at that location is over 10,000 kilovolt-amperes, is provided at a single delivery point from the Company's transmission system, is the only service on that account, and if in the sole judgment of the Company, the necessary capacity is available. When such service is supplied and the Customer owns and maintains all required facilities, the above discounts will be allowed but in no case will the amount of the minimum bill be hereby reduced.

To qualify for this transmission voltage service, the Customer must be billed for at least 10,000 kilovolt-amperes at least once in every 12-month period at each metering point. (C)

Energy Charges (kWh)

$0.00123 per kWh for all billed kWh (I)

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 46 (continued)
(C)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I - Hourly Pricing Default Service Rider rates apply.

PAYMENT TERMS

As per Rule 11, Payment of Bills

Compensating for Transmission and Distribution Losses.

For service between 15,000 and 100,000 volts, multiplying Customers' on peak metered energy by 1.05091 and off-peak metered energy by 1.04128 produces the generation energy that must be delivered to the West Penn system. For service at other voltages, Customer should contact Company for loss factor.

(C) Change

RATE SCHEDULES

SCHEDULE 51
STREET LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for mercury vapor street lighting to municipalities and to unincorporated communities, for lighting public bridges and major highway interchanges, for other suitable readily-accessible locations as solely determined by the Company, and for connections existing as of August 28, 1985.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

8,150 Lumen -175 Watts74 kWh	$9.52	(I)
11,500 Lumen -250 Watts103 kWh	$13.76	(I)
21,500 Lumen -400 Watts162 kWh	$16.91	(I)
60,000 Lumen -1,000 Watts386 kWh	$26.20	(I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – State Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

(I) Increase

RATE SCHEDULES

Schedule 51 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

..... (C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

LONG TERM SERVICE

TERM

Locations served hereunder prior to July 1978 have a street lighting agreement for an initial term of five years which will continue in effect upon the same conditions for successive five-year terms until cancelled by written notice by either party to the other at least 90 days prior to the expiration of the initial or successive term. After two successive five-year terms, the Agreement may also be cancelled by the Customer upon written notice at least 90 days in advance of cancellation.

New locations and additions to existing contracts will have an initial term of ten years and remain in force thereafter until a 90 day written cancellation notice has been given and the initial term and cancellation notice period have expired.

(C) Change

RATE SCHEDULES

SCHEDULE 52
OUTDOOR LIGHTING SERVICE

AVAILABILITY

Available for existing high pressure sodium vapor outdoor lighting installed before June 6, 1997 and for existing mercury vapor installations installed prior to August 28, 1985.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

High Pressure Sodium Vapor

9,500 Lumen -100 Watts 51 kWh	$12.28	(I)

Mercury Vapor

4,000 Lumen - 100 Watts45 kWh	$9.15	(I)
8,150 Lumen - 175 Watts74 kWh	$10.30	(I)
21,500 Lumen - 400 Watts162 kWh	$16.75	(I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

(I) Increase

RATE SCHEDULES

Schedule 52 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

(C) Change

RATE SCHEDULES

SCHEDULE 53
STREET AND AREA LIGHTING

AVAILABILITY

Available only for present Customers for installations being served prior to June 6, 1997 for high pressure sodium vapor street and area lighting to Customers for lighting roadways, parking lots, and other suitable readily-accessible areas as solely determined by the Company.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

Overhead Service

9,500 Lumen -100 Watts 51 kWh	$12.27	(I)
22,000 Lumen -200 Watts 86 kWh	$16.32	(I)
*50,000 Lumen -400 Watts167 kWh	$23.61	(I)

*Also available for floodlighting application.

Underground Service

Low Mount

9,500 Lumen -100 Watts 51 kWh	$21.33	(I)

High Mount Single Luminaire Per Pole

9,500 Lumen -100 Watts 51 kWh	$46.70	(I)
22,000 Lumen -200 Watts 86 kWh	$41.52	(I)
50,000 Lumen -400 Watts167 kWh	$45.07	(I)

High Mount Each Additional Luminaire Per Pole

9,500 Lumen -100 Watts 51 kWh	$22.38	(I)
22,000 Lumen -200 Watts 86 kWh	$21.38	(I)
50,000 Lumen -400 Watts167 kWh	$24.91	(I)

(I) Increase

RATE SCHEDULES

Schedule 53 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification purposes only and shall approximate the manufacturer's standard rating. All lamps are lighted from dusk to dawn aggregating approximately 4,200 hours per year.

(C) Change

RATE SCHEDULES

Schedule 53 (continued)

If Customer takes service under a Standard Term Agreement and terminates service under Agreement for any reason prior to the expiration of the initial five-year term, Customer shall pay as liquidated damages and not a penalty the removal cost plus remaining value of the system. If Customer takes service under Long Term Agreement and terminates service under Agreement for any reason during the first five years of initial term, Customer shall pay as liquidated damages and not a penalty a sum equal to the difference between the Long Term Rate and Standard Term Rate for each luminaire under the Agreement which is terminated for the entire period service was provided under Agreement, together with the cost of removal of the system plus remaining value of the system. If Customer takes service under Long Term Service Agreement and terminates service for any reason during the sixth through tenth years of the initial term, Customer shall pay as liquidated damages and not a penalty a sum equal to the difference between the Long Term Rate and Standard Term Rate for each luminaire under the Agreement which is terminated for the entire period service was provided under Agreement.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for lights to be located on public thoroughfares.

Customer shall be responsible for inspecting lighting locations to determine when any lamp is not operating and for reporting non-operating lighting locations to the Company.

Company will replace burned-out lamps and otherwise maintain the equipment during regular daytime working hours as soon as practicable following notification by Customer.

Customer shall provide the Company's employees and equipment free access to the Customer's premises, at all reasonable hours, for purposes necessary or proper in connection with supplying and maintaining service.

Overhead service facilities shall consist of a standard overhead, enclosed luminaire and photoelectric switch control mounted on a luminaire bracket not to exceed 8 feet in length. For floodlighting applications, a standard floodlighting luminaire with photoelectric switch and adjustable mounting bracket is installed. Either luminaire is mounted on an existing Company-owned or approved pole. Customer shall pay the installed cost of any facilities required to extend service and the cost of rearranging facilities necessary to serve lights or to obtain required mounting height. (C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

(C) Change

RATE SCHEDULES

SCHEDULE 54
STREET LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for high pressure sodium vapor street lighting to municipalities and to unincorporated communities and for lighting major highway interchanges and other suitable readily-accessible locations as solely determined by the Company.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

9,500 Lumen 100 Watts 51 kWh	$11.59	(I)
22,000 Lumen 200 Watts 86 kWh	$15.68	(I)
50,000 Lumen 400 Watts167 kWh	$22.94	(I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(I) Increase

RATE SCHEDULES

Schedule 54 (continued)

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

TERM

Ten years initially. Agreement shall remain in force until a 90 day written cancellation notice has been given and the initial term and cancellation notice period have expired.

CONDITIONS

Company will, at its own cost, install, operate, and maintain its standard overhead street lighting equipment for municipalities, unincorporated communities, and public agencies where service can be supplied from existing distribution systems along public thoroughfares. Customer shall pay the installed cost of any facilities required to extend service and the cost of rearranging of facilities necessary to serve lights or to obtain required mounting height.

Customer shall furnish Company a certified map, showing the location and size of each unit included in the initial installation provided for in this Agreement. Company shall install said units as designated.

Company shall furnish units at additional locations in accordance with Company practices upon the written order of Customer; Company shall increase size of any unit on the same Rate Schedule upon written order of Customer.

(C) Change

RATE SCHEDULES

Schedule 54 (continued)

Company shall change the location of any unit furnished under Agreement, upon written order of Customer, if said change does not require the extension of lines or the erection of poles, but Company shall not be required to make more than one change in the location of any one unit during term Agreement is in effect.

Customer shall provide to Company, free of cost, a satisfactory right-of-way, location, and housing for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Company shall not be liable for damages to the Customer for any failure in such lighting which results from any cause beyond the Company's control.

Customer shall notify Company in writing at the Company's local office of all outages and the locations thereof not later than 12 o'clock Noon on the day following the night which the outages occurred.

Pavement and/or sidewalk damaged in the erection and/or maintenance of street lighting systems hereunder shall be placed by the Company in as good condition as existed before the said acts of erection and/or maintenance.

If Customer terminates street lighting service under this Schedule for any reason prior to the expiration of the initial term, Customer shall pay removal cost plus remaining value of the system.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

SPECIAL SYSTEMS

Company will provide underground, ornamental, and other special systems when the additional installed cost in excess of the estimated cost of a standard overhead system for the same application is paid by Customer. Company shall take title to the special system and shall operate and maintain the facilities.

At the termination, for any reason, of the useful life of the special system or designated components of the special system, a new system or component shall be installed under similar conditions. The 10-year initial term requirement will apply to any new system or designated component upon installation.

(C) Change

RATE SCHEDULES

SCHEDULE 55
AREA LIGHTING SERVICE - UNDERGROUND DISTRIBUTION

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor lighting to municipalities for area lighting service from an underground distribution system. Also available for existing mercury vapor installations installed prior to January 8, 1989.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

Sodium Vapor Low Mount		
9,500 Lumen -100 Watts 51 kWh	$20.68	(I)
Sodium Vapor High Mount Single Luminaire Per Pole		
9,500 Lumen -100 Watts 51 kWh	$38.08	(I)
22,000 Lumen -200 Watts 86 kWh	$40.82	(I)
		(C)
Sodium Vapor High Mount Each Additional Luminaire Per Pole		
		(C)
22,000 Lumen -200 Watts 86 kWh	$20.62	(I)
		(C)
Mercury Vapor		
8,150 Lumen -175 Watts 74 kWh	$18.55	(I)

(I) Increase
(C) Change

Issued: April 28, 2016

Effective: June 27, 2016

RATE SCHEDULES

Schedule 55 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

(C) Change

RATE SCHEDULES

SCHEDULE 56
STREET LIGHTING SERVICE - CUSTOMER-OWNED EQUIPMENT

AVAILABILITY

(C)

Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor street lighting to municipalities. This Schedule is not available to serve lighting systems in an area where there will be a mix of Company-owned and Customer-owned systems.

MONTHLY RATE

DISTRIBUTION CHARGES

Type and Nominal Lamp Size			Installed on Customer-Owned Pole	Installed on Company's Distribution System	
HPS ..... 9,500 Lumen.....	100 Watts	51 kWh.....	$ 4.72 each.....	$ 6.27 each	(I)
HPS .... 22,000 Lumen.....	200 Watts	86 kWh.....	$ 7.81 each.....	$11.31 each	(I)
HPS .... 50,000 Lumen.....	400 Watts	167 kWh.....	$ 12.74 each.....	$17.23 each	(I)

(C)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 56 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of the lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

TERM

Initial term of the Agreement shall be one year. After the initial term, the Agreement shall remain in effect until a 30-day written notice of cancellation is provided and, unless Customer provides specific date in writing more than 30 days in the future, upon the expiration of 30 days.

CONDITIONS

(C)

Company will provide maintenance service and deliver energy to approved Customer-owned high pressure sodium vapor street lighting facilities. A full description of Customer's proposed equipment shall be submitted in writing by the Customer prior to Customer's furnishing the equipment to the Company.

(C) Change

RATE SCHEDULES

Schedule 56 (continued)

Company does not make, and Company hereby excludes, any and all implied warranties of merchantability and warranties of fitness of the electrical service provided by Company.

Costs of additional or special facilities provided hereunder shall be the responsibility of and shall be paid by Customer. Prior to installation, Customer shall reimburse Company for the costs of said additional or special facilities.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

CONTRACT

Company Standard Form of Street Lighting Energy and Maintenance Agreement shall be executed.

(C) Change

RATE SCHEDULES

SCHEDULE 57
OUTDOOR LIGHTING
EQUIPMENT, MAINTENANCE, AND UNMETERED SERVICE

AVAILABILITY

Available for roadway and other outdoor lighting supplied from overhead or underground secondary distribution system of the Company and contracted for by a Customer for lighting accessible areas.

MONTHLY RATE

DISTRIBUTION CHARGES

OVERHEAD SERVICE

Nominal Lamp Size

High Pressure Sodium - Vertical Open Lens Luminaire ("OL")

Installation Requires a New Wood Pole

9,500 Lumen- 100 watt 51 kWh	$22.37	(I)

Installation on Existing Pole

9,500 Lumen- 100 watt 51 kWh	$12.45	(I)

Mercury Vapor - Horizontal Luminaire (Cobra Head) - Restricted to installations being served prior to February 13, 2009

8,150 Lumen - 175 watt 74 kWh	$10.09	(I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head)

9,500 Lumen - 100 watt 51 kWh	$12.27	(I)
22,000 Lumen - 200 watt 86 kWh	$16.33	(I)
50,000 Lumen - 400 watt167 kWh	$23.62	(I)

(I) Increase

RATE SCHEDULES

Schedule 57 (continued)

Metal Halide - Horizontal Luminaire (Cobra Head)

8,500 Lumen - 100 watt 51 kWh	$17.43	(I)
11,600 Lumen - 175 watt 74 kWh	$17.43	(I)
36,000 Lumen - 400 watt157 kWh	$25.46	(I)
90,000 Lumen - 1000 watt379 kWh	$36.78	(I)

High Pressure Sodium Floodlight

22,000 Lumen - 200 watt 86 kWh	$18.50	(I)
50,000 Lumen - 400 watt167 kWh	$25.64	(I)

Metal Halide Floodlight

36,000 Lumen - 400 watt157 kWh	$25.88	(I)
90,000 Lumen - 1000 watt379 kWh	$36.78	(I)

DISTRIBUTION CHARGES

UNDERGROUND SERVICE

High Pressure Sodium - Colonial Post Top Luminaire 14' Mounting Height

9,500 Lumen - 100 watt 51 kWh	$21.34	(I)

Metal Halide - Colonial Post Top Luminaire 14' Mounting Height

11,600 Lumen - 175 watt 74 kWh	$26.17	(I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head) 30' Mounting Height[1]

Single Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$39.82	(I)
22,000 Lumen - 200 watt 86 kWh	$41.69	(I)
50,000 Lumen - 400 watt167 kWh	$44.48	(I)

RATE SCHEDULES

Schedule 57 (continued)

Each Additional Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$14.78	(I)
22,000 Lumen - 200 watt 86 kWh	$19.69	(I)
50,000 Lumen - 400 watt167 kWh	$28.46	(I)

Metal Halide - Horizontal Luminaire (Cobra Head) 30' Mounting Height

Single Luminaire Per Pole

.....		(C)
36,000 Lumen - 400 watt 157 kWh	$53.77	(I)
....		(C)
(C)	(C)	

(C)(C)[1] Mounted on a 30' direct burial pole

DISTRIBUTION CHARGES

High Pressure Sodium - Rectangular Luminaire (Shoe Box) 30' Mounting Height

Single Luminaire Per Pole, with base[2]

9,500 Lumen - 100 watt 51 kWh	$63.06	(I)
22,000 Lumen - 200 watt 86 kWh	$56.36	(I)
50,000 Lumen - 400 watt167 kWh	$58.54	(I)

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 57 (continued)

(C)

Single Luminaire Per Pole, no base

9,500 Lumen - 100 watt 51 kWh	$46.70	(I)
22,000 Lumen - 200 watt 86 kWh	$43.42	(I)
50,000 Lumen - 400 watt167 kWh	$54.32	(I)

Each Additional Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$22.38	(I)
22,000 Lumen - 200 watt 86 kWh	$25.69	(I)
50,000 Lumen - 400 watt167 kWh	$30.04	(I)

Metal Halide - Rectangular Luminaire (Shoe Box) 30' Mounting Height

(C) (C)

Single Luminaire Per Pole, no base

36,000 Lumen - 400 watt157 kWh	$55.34	(I)
....	(C)	

Each Additional Luminaire Per Pole (C)

(C)

36,000 Lumen - 400 watt157 kWh	$33.04	(I)

[2] With base includes the installation of a non-concrete power installed foundation where soil conditions warrant its application.

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 57 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

(C) Change

RATE SCHEDULES

Schedule 57 (continued)

Customer Responsibilities

Customer shall provide to Company free of cost and with free access, a satisfactory right-of-way and location for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for luminaires to be located on public thoroughfares.

Customer shall be responsible for reporting non-operating lighting systems to the Company.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost the remaining value of the system.

Municipal Installations

Company will provide bridge lighting when Customer installs and maintains luminaire supports and conduit for the supply line. Company shall furnish and maintain luminaire and conductors and will provide energy and lamp replacements.

Municipal Customer shall furnish Company a certified map, showing the location and size of each luminaire included in the initial installation provided for in the agreement. Company shall install said luminaires as designated. Upon prior arrangement, Company will prepare a map for Customer approval for an additional cost.

SPECIAL SYSTEMS

General

Company will provide non-standard underground, ornamental and other special lighting systems when the additional installed cost in excess of the estimated cost of a standard lighting system for the same application is paid by Customer. In this case, Customer shall pay the standard service rate. Company shall take title to the special system and shall operate and maintain the facilities. Customer shall be responsible for all damages to or loss of special lighting system unless due to the negligence of the Company

(C) Change

RATE SCHEDULES

SCHEDULE 58
OUTDOOR LIGHTING
MAINTENANCE AND UNMETERED SERVICE

AVAILABILITY

(C)

Available for high-pressure sodium, mercury vapor and metal halide lighting being served prior to February 13, 2009.

MONTHLY RATE

DISTRIBUTION CHARGES

Installed On Customer Owned Pole

High Pressure Sodium Vapor

9,500 Lumen - 100 Watt 51 kWh	$4.72	(I)
22,000 Lumen - 200 Watt 86 kWh	$7.81	(I)
50,000 Lumen - 400 Watt167 kWh	$12.73	(I)

Mercury Vapor

8,150 Lumen - 175 Watt 74 kWh	$5.31	(I)
11,500 Lumen - 250 Watt103 kWh	$8.51	(I)
21,500 Lumen - 400 Watt162 kWh	$9.06	(I)
60,000 Lumen -1000 Watt386 kWh	$16.66	(I)

Metal Halide

11,600 Lumen - 175 Watt 74 kWh	$7.39	(I)
15,000 Lumen - 250 Watt103 kWh	$8.12	(I)
36,000 Lumen - 400 Watt157 kWh	$8.65	(I)
90,000 Lumen -1000 Watt379 kWh	$15.87	(I)

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 58 (continued)

(C)

DISTRIBUTION CHARGES

Installed On Company's Distribution System

High Pressure Sodium Vapor

9,500 Lumen - 100 Watt 51 kWh	$6.27	(I)
22,000 Lumen - 200 Watt 86 kWh	$9.38	(I)
50,000 Lumen - 400 Watt167 kWh	$14.30	(I)

(C)

Metal Halide

11,600 Lumen - 175 Watt 74 kWh	$8.64	(I)
15,000 Lumen - 250 Watt103 kWh	$9.63	(I)
36,000 Lumen - 400 Watt157 kWh	$10.21	(I)
90,000 Lumen -1000 Watt379 kWh	$17.42	(I)

(C)

Note: The rating of the lamps in lumens is for identification and shall approximate the manufacturer's standard rating

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 58 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

(C) Change

RATE SCHEDULES

SCHEDULE 59
OUTDOOR LIGHTING
EQUIPMENT AND MAINTENANCE SERVICE

AVAILABILITY

Available for roadway and other outdoor lighting being served prior to February 13, 2009 where energy is supplied by Customer's metered service and contracted for by a Customer for lighting accessible areas.

MONTHLY RATE

DISTRIBUTION CHARGES

OVERHEAD SERVICE Installation on Existing Pole

Nominal Lamp Size

Mercury Vapor - Horizontal Luminaire (Cobra Head)

8,150 Lumen -	175 watt	74 kWh	$10.80	(I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head)

9,500 Lumen -	100 watt	51 kWh	$11.90	(I)
22,000 Lumen -	200 watt	86 kWh	$15.53	(I)
50,000 Lumen -	400 watt	167 kWh	$18.40	(I)

Metal Halide - Horizontal Luminaire (Cobra Head)

36,000 Lumen -	400 watt	157 kWh (C)	$17.72	(I)

High Pressure Sodium Floodlight

22,000 Lumen -	200 watt	86 kWh	$16.23	(I)
50,000 Lumen -	400 watt	167 kWh	$18.61	(I)

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 59 (continued)

Metal Halide Floodlight

36,000 Lumen - 400 watt157 kWh	$17.73	(I)
90,000 Lumen - 1000 watt379 kWh	$27.86	(I)

DISTRIBUTION CHARGES

UNDERGROUND SERVICE

High Pressure Sodium - Colonial Post Top Luminaire 14' Mounting Height

9,500 Lumen - 100 watt 51 kWh	$21.61	(I)

Metal Halide - Colonial Post Top Luminaire 14' Mounting Height

11,600 Lumen - 175 watt 74 kWh	$24.91	(I)

(C)

(C) Change

Schedule 59 (continued)

Metal Halide - Horizontal Luminaire (Cobra Head) 30' Mounting Height (C)

Single Luminaire Per Pole

90,000 Lumen -1,000 watt379 kWh .....$52.79.....(I)

(C)

DISTRIBUTION CHARGES
High Pressure Sodium - Rectangular Luminaire (Shoe Box) 30' Mounting Height

(C)

Single Luminaire Per Pole, no base

9,500 Lumen - 100 watt 51 kWh .....$44.57.....(I)
....

(C)

(C)

(I) Increase
(C) Change

RATE SCHEDULES

Schedule 59 (continued)

Metal Halide - Rectangular Luminaire (Shoe Box) 30' Mounting Height (C)

Single Luminaire Per Pole, no base

36,000 Lumen - 400 watt157 kWh..... $41.78

(C)

Note: The rating of lamps in lumens is for identification purposes only and shall approximate the manufacturer's standard rating.

(C) Change

RATE SCHEDULES

Schedule 59 (continued)

(C)

TERMS

Short Term

Short Term Service having an initial term of thirty (30) days is available if the Customer makes an initial payment of the cost of installation, and removal of the luminaire and bracket in addition to any other payments required under "CONDITIONS" below. This initial payment shall be refundable, with interest, if the lighting system remains in service for five years. After the initial term, the Agreement shall remain in effect until canceled by either party with not less than thirty (30) days prior written notice of cancellation.

Long Term

Long Term Service having an initial term of ten (10) years is available and monthly rate as set forth in this schedule shall be reduced by fifty cents per lamp. After the initial term, the Agreement shall remain in effect until canceled by either party with not less than ninety (90) days prior written notice of cancellation. Municipal lighting service is typically provided under long term agreement for initial and supplemental installation.

(C) Change

RATE SCHEDULES

Schedule 59 (continued)

Company will replace burned-out lamps and otherwise maintain the equipment during regular daytime working hours as soon as practicable following notification by Customer.

Company shall furnish luminaires at additional locations in accordance with Company practices upon the written order of Customer; Company shall increase size of any luminaire in the same Rate Schedule upon written order of Customer.

Company shall change the location of any luminaire furnished under Agreement, upon written order of Customer if said change does not require the extension of lines or the erection of poles, but Company shall not be required to make more than one change in the location of any one luminaire during term Agreement is in effect.

Customer Responsibilities

Customer shall provide to Company free of cost and with free access, a satisfactory right-of-way and location for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for luminaires to be located on public thoroughfares.

Customer shall be responsible for reporting non-operating lighting systems to the Company

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to in LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

Municipal Installations

Municipal Customer shall furnish Company a certified map, showing the location and size of each luminaire included in the initial installation provided for in the agreement. Company shall install said luminaire as designated. Upon prior arrangement, Company will prepare a map for Customers approval for an additional cost.

(C) Change

RATE SCHEDULES

SCHEDULE 71
MERCURY VAPOR STREET AND HIGHWAY LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to August 26, 1978. This Schedule applies to lighting service sold for the lighting of public streets, public highways, and other public outdoor areas in municipalities, governmental units, and unincorporated communities where such service can be supplied from the existing general distribution system.

This Schedule is also applicable within private property which is open to the general public such as private walkways, streets, and roads when the property and buildings are under common ownership and when supply from the Company's distribution system is directly available and when lighting service is contracted for by the owner thereof.

MONTHLY RATE

DISTRIBUTION CHARGES

Underground Supply Metal Pole

Nominal Lamp Size

Low Mounting

100 Watts	4,000 45 kWh	$12.89	(I)
175 Watts	8,150 74 kWh	$15.47	(I)
			(C)

All lamps are lighted from dusk to dawn every night or for approximately 4,200 hours per annum

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 71 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

Service supplied is subject to the Rules and Regulations Covering the Supply of Electric Service of the Company as filed with the Commission.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

(C) Change

RATE SCHEDULES

SCHEDULE 72
LED STREET LIGHTING SERVICE

AVAILABILITY:

This Service is applicable to Company owned overhead or underground Light Emitting Diode (LED) street lighting service to municipal, local, state and federal governmental bodies, community associations and to public authorities for lighting of streets, highways, parks and similar places for the safety and convenience of the public. (C)

A minimum installation of 12 LED lights per customer per individual order is required when replacing existing lighting. This restriction does not apply to new installation.

GENERAL MONTHLY CHARGES:

Demand and Energy Charges for common lamp sizes:

Charges Per Month Per Light:

Cobra Head

Nominal Watts	Monthly kWh	Distribution	
50	18	$ 10.18	(I)
90	32	$ 11.84	(I)
130	46	$ 12.59	(I)
260	91	$19.52	(I)

Colonial

Nominal Watts	Monthly kWh	Distribution	
50	18	$ 15.10	(I)
90	32	$ 16.62	(I)

Acorn

Nominal Watts	Monthly kWh	Distribution	
50	18	$17.65	(I)
90	32	$18.66	(I)

(I) Increase
(C) Change

RIDERS

RIDER J
DEFAULT SERVICE SUPPORT RIDER

A Default Service Support ("DSS") Rate shall be applied to DSS Sales delivered by the Company to Delivery Service Customers under this rider as determined to the nearest one-thousandth of a cent per kWh or dollar per kW NSPL, as applicable. The DSS Rate shall be billed to Customers receiving Delivery Service from the Company under this rider. The DSS Rates shall be calculated according to the provisions of this rider. The DSS Rider shall be non-bypassable.

For service rendered during the DSS Initial Computational Period and thereafter, the DSS Computational Year, the DSS rates billed by Rate Schedule are as follows:

Rate Schedule	**DSS Rates**
Rate Schedule 10	0.339cents/kWh (I)
Rate Schedule 20 (Special Provision)	0.339 cents/kWh (I)
Rate Schedule 20	0.118 cents/kWh (I)
Rate Schedule 30	0.150 cents/kWh (I)
Rate Schedule 51	0.150 cents/kWh (I)
Rate Schedule 52	0.150cents/kWh (I)
Rate Schedule 53	0.150 cents/kWh (I)
Rate Schedule 54	0.150 cents/kWh (I)
Rate Schedule 55	0.150 cents/kWh (I)
Rate Schedule 56	0.150cents/kWh (I)
Rate Schedule 57	0.150 cents/kWh (I)
Rate Schedule 58	0.150 cents/kWh (I)
Rate Schedule 71	0.150 cents/kWh (I)
Rate Schedule 72	0.150 cents/kWh (I)
Rate Schedule 35	$0.595 per KW NSPL
Rate Schedule 40	$0.595 per KW NSPL
Rate Schedule 44	$0.595 per KW NSPL
Rate Schedule 46	$0.595 per KW NSPL

(I) Increase

RIDERS

Rider J (continued)

The DSS Rates by Rate Schedule shall be calculated annually in accordance with the formula set forth below:

$$DSS\ rate = [UE+NMB + RE + CEC] \times [1 / (1-T)]$$

The components of the formula are defined below:

Default Service Related Uncollectibles

UE = A default service-related unbundled uncollectible accounts expense charge, determined by Customer Class and stated to the nearest one-thousandth of a cent per kWh to be applied to DSS Sales delivered by the Company to residential and commercial Delivery Service Customers under this rider. The UE reflects the default service-related portion of the uncollectible account expense based on revenues in the Company's 2014 distribution base rate case and the additional uncollectible accounts expense incurred by the Company as a result of providing Default Service under this tariff. This component of the DSS rate in this non-bypassable rider is non-reconcilable.

The unbundled uncollectible accounts expense associated with Default Service and a purchase of receivables program allocated to Delivery Service Customers on a non-bypassable, non-reconcilable basis will be Customer Class specific and will be adjusted annually on June 1 of each year based on the projected price of Default Service. Adjustments, if necessary, will be made to the uncollectible percentage in a future distribution base rate case or the start of the next Default Service Program, whichever occurs earlier

The UE charges by Customer Class to be included in DSS rates are as follows:

Commercial Customer Class:

0.010 cents per kWh (I)

Residential Customer Class:

0.153 cents per kWh (I)

(I) Increase

RIDERS

RIDER L
PARTIAL SERVICES RIDER

AVAILABILITY/APPLICABILITY:

This Rider applies to general service customers having on-site non-synchronous generation equipment or synchronous equipment that does not qualify for Net Metering Rider capable of supplying a portion of their power requirements for other than emergency purposes. Electricity sold under this Rider may not be resold; nor may it be used to operate the auxiliary loads of the generating facilities while those facilities are generating electricity for sale. (C)

In addition to the charges included in the apple rate schedule, all of the following general monthly charges are applicable to Delivery Service Customer.

GENERAL MONTHLY CHARGES:

Eighty-Six Dollars and Forty-Three Cents ($86.43)/per month, plus the charges listed below, depending upon the voltage at which the Customer is being served and the services (i.e., Backup Demand and/or Maintenance Demand) selected by the Customer:

Distribution Charge	**Backup Demand** (Dollars/KW)	**Maintenance Demand** (Dollars/KW)	
Secondary Voltage	$3.07	$2.45	(I)
Primary Voltage	$0.56	$0.44	(I)
Transmission Voltage	$0.11	$0.09	(I)

(I) Increase
(C) Change

Supplement No. 15
Electric Pa. P.U.C. No. 40

WEST PENN POWER COMPANY

READING, PENNSYLVANIA

Electric Service Tariff

Effective in

The Territory as Defined on
Page Nos. 7 - 14 of this Tariff

Issued: April 28, 2016 **Effective: June 27, 2016**

By: Steven E. Strah, President
Reading, Pennsylvania

NOTICE

This Supplement No. 15 makes changes to Description of Territory, General Rules and Regulations, Rate Schedules and Riders.
See Thirteenth Revised Page 2.

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LIST OF MODIFICATIONS

Description of Territory

Changes within Territories (See First Revised Pages 8, 9, 10, 13 and 14).

General Rules and Regulations

Definition of Terms – Definitions of Applicant and Customer (See First Revised Pages 16, 18, and 19).

Rule 2 – Deposits language has changed (See First Revised Page 28).

Rule 7 - Wiring, Apparatus and Inspection – Applicant/Customer Obligations language has changed (See First Revised Page 41).

Rule 10 – Meter Reading and Rendering of Bills (b) (1) Estimated Bills – Language has been changed (See First Revised Page 47).

Rule 10 – Meter Reading and Rendering of Bills (9) Power Factor/Kilovar Billing – Language has been changed (See First Revised Page 51).

Rule 11 – Payment of Bills (b) – Rates have been increased (See First Revised Page 53).

Rule 22 – Transfer of Electric Generation Supplier – Language has been changed (See First Revised Page 63).

Rate Schedules

Schedule 10 – Domestic Service – Rates have been increased (See First Revised Page 64 and Second Revised Page 65).

Schedule 20 – General Service – Rates have been increased (See First Revised Pages 66 and 67). Language has been changed (See First Revised Page 67).

Schedule 30 – General Power Service – Rates have been increased (See Second Revised Pages 69 and 70). Language has been changed (See Second Revised Pages 69, 70 and 71).

Schedule 35 – General Power Service – Rates have been increased (See Second Revised Page 73 and 74). Language has been changed (See Second Revised Page 74 and 75).

Schedule 40 – Primary Power Service – Rates have been increased (See Second Revised Page 76). Language has been changed (See Second Revised Pages 77 and 78).

Rider J – Default Service Support

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LIST OF MODIFICATIONS

Rate Schedules (continued)

Schedule 44 – Primary Power Service – Rates have been increased (See First Revised Page 79).

Schedule 46 – Primary Power Service – Rates have been increased and language has been changed (See First Revised Page 83 and Second Revised Page 84).

Schedule 51 – Street Lighting Service – Rates have been increased (See Second Revised Page 87 and language has been changed (See First Revised Page 88).

Schedule 52 – Outdoor Lighting Service – Rates have been increased (See First Revised Page 93 and language has been changed (See First Revised Page 94).

Schedule 53 – Street and Area Lighting – Rates have been increased (See Second Revised Page 95) and language has been changed (See First Revised Pages 96 and 98).

Schedule 54 – Street Lighting Service – Rates have been increased (See First Revised Page 102) and language has been changed (See First Revised Pages 103 and 104).

Schedule 55 – Area Lighting Service-Underground Distribution – Rates have been increased (See First Revised Page 107). Removed lighting selections (See First Revised Page 107). Language has been changed (See First Revised Page 108).

Schedule 56 – Street Lighting Service-Customer Owned Equipment - Rates have been increased (See First Revised Page 113). Removed lighting selections (See First Revised Page 113). Language has been changed (See First Revised Pages 114 and 117).

Schedule 57 – Outdoor Lighting- Equipment, Maintenance, and Unmetered Service - Rates have been increased (See First Revised Pages 118, 119, 120 and 121). Removed lighting selections (See First Revised Page 120 and 121. Language has been changed (See First Revised Pages 122 and 126).

Schedule 58 – Outdoor Lighting- Maintenance, and Unmetered Service – Rates have been increased (See Revised Page 129). Removed lighting selections (See First Revised Page 130). Language has been changed (See First Revised Page 131).

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LIST OF MODIFICATIONS

Rate Schedules (continued)

Schedule 59 – Outdoor Lighting- Equipment and Maintenance Service – Rates have been increased (See Revised Pages 135, 136, and 137). Removed lighting selections (See Revised Pages 135,136, 137, and 138. Language has been changed (See First Revised Pages 139 and 142).

Schedule 71 – Mercury Vapor Street and Highway Lighting Service – Rates have been increased. Removed a lighting selection (See First Revised Page 146). Language has been changed (See First Revised Page 147).

Schedule 72 – LED Street Lighting Service – Rates have been increased and language has been changed (See First Revised Page 149).

Riders

Rider J – Default Service Support Rider – Rates have been increased. (See Second Revised Pages 185 and 186).

Rider L – Partial Services Rider – Rates have been increased and language has been changed (See First Revised Page 195).

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GENERAL RULES AND REGULATIONS

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DESCRIPTION OF TERRITORY (continued)

BEDFORD COUNTY
Borough of Hyndman
Townships

Cumberland Valley	Londonderry	Monroe	Southampton
East Providence	Mann		

BLAIR COUNTY
Townships

Snyder (C)

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BUTLER COUNTY
City of Butler
Boroughs

Bruin	Eau Claire	Petrolia	Slippery Rock
Cherry Valley	Fairview	Portersville	West Liberty
Chicora	Harrisville	Prospect	West Sunbury
East Butler	Karns City	Saxonburg	

Townships

Allegheny	Clinton	Lancaster	Penn
Brady	Concord	Marion	Slippery Rock
Buffalo	Connoquenessing	Mercer	Summit
Butler	Donegal	Middlesex	Venango
Center	Fairview	Muddycreek	Washington
Cherry	Franklin	Oakland	Winfield
Clay	Jefferson	Parker	Worth
Clearfield			

CAMERON COUNTY
Boroughs

Driftwood	Emporium

Townships

Gibson	Lumber	Portage	Shippen
Grove			

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GENERAL RULES AND REGULATIONS

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DESCRIPTION OF TERRITORY (continued)

CENTRE COUNTY
Boroughs

Bellefonte	Howard	Milesburg	State College
Centre Hall	Millheim	Port Matilda	Unionville

Townships

Benner	Haines	Marion	Spring
Boggs	Halfmoon	Miles	Taylor
College	Harris	Patton	Union
Curtin	Howard	Penn	Walker
Ferguson	Huston	Potter	Worth
Gregg	Liberty	Rush (C)	

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CLARION COUNTY
Boroughs

Clarion	Hawthorne	Rimersburg	Strattanville
East Brady	New Bethlehem	Sligo	

Townships

Brady	Madison	Perry	Redbank
Clarion	Millcreek	Piney	Toby
Limestone	Monroe	Porter	

CLINTON COUNTY
Borough of Beech Creek
Townships

Beech Creek	Gallager	Leidy	West Keating
Chapman	Grugan	Porter	
East Keating	Lamar		

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GENERAL RULES AND REGULATIONS

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DESCRIPTION OF TERRITORY (continued)

ELK COUNTY

City

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St. Marys (C)

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Johnsonburg Ridgway

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Townships

Benezette	Fox	Horton	Jones	
	Highland	Jay	Ridgway	(C)

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FAYETTE COUNTY

Cities

Connellsville Uniontown

Boroughs

Belle Vernon	Everson	Masontown	Point Marion
Brownsville	Fairchance	Newell	Smithfield
Dawson	Fayette City	Ohiopyle	South Connellsville
Dunbar	Markleysburg	Perryopolis	Vanderbilt

Townships

Brownsville	German	Nicholson	Springfield
Bullskin	Henry Clay	North Union	Springhill
Connellsville	Jefferson	Perry	Stewart
Dunbar	Lower Tyrone	Redstone	Upper Tyrone
Franklin	Luzerne	Saltlick	Washington
Georges	Menallen	South Union	Wharton

FRANKLIN COUNTY

Boroughs

Chambersburg	Mercersburg	Mont Alto	Waynesboro
Greencastle			

Townships

Antrim	Hamilton	Peters	Warren
Greene	Letterkenny	Quincy	Washington
Guilford	Montgomery	St. Thomas	

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GENERAL RULES AND REGULATIONS

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DESCRIPTION OF TERRITORY (continued)

WASHINGTON COUNTY
Cities

Monongahela Washington

Boroughs

Allenport	Coal Center	Finleyville	North Charleroi
Beallsville	Cokeburg	Green Hills	Roscoe
Bentleyville	Deemston	Houston	Speers
Burgettstown	Donora	Long Branch	Stockdale
California	Dunlevy	Marianna	Twilight
Canonsburg	East Washington	McDonald	
Centerville	Ellsworth	Midway	West Brownsville
Charleroi	Elco	New Eagle	West Middletown
Claysville			

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Townships

Amwell	Donegal	Morris	Smith
Blaine	East Bethlehem	Mt. Pleasant	Somerset
Buffalo	East Finley	North Bethlehem	South Franklin
Canton	Fallowfield	North Franklin	South Strabane
Carroll	Hanover	North Strabane	Union
Cecil	Hopewell	Nottingham	West Bethlehem
Chartiers	Independence	Peters	West Finley
Cross Creek	Jefferson	Robinson	West Pike Run

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GENERAL RULES AND REGULATIONS

DESCRIPTION OF TERRITORY (continued)

WESTMORELAND COUNTY

Cities

Arnold	Jeannette	Lower Burrell	New Kensington
Greensburg	Latrobe	Monessen (C)	

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Boroughs

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Adamsburg	Hyde Park	New Alexandria	South Greensburg
Arona	Irwin	New Stanton	Southwest Greensburg
Avonmore		North Belle Vernon	Sutersville
Delmont	Laurel Mountain	North Irwin	Vandergrift
Derry	Ligonier	Oklahoma	West Leechburg
Donegal	Madison	Penn	West Newton
East Vandergrift	Manor	Scottdale	Youngstown
Export	Mt. Pleasant	Smithton	Youngwood
Hunker	Murrysville		

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Townships

Allegheny	Fairfield	North Huntingdon	South Huntingdon
Bell	Hempfield	Penn	St. Clair
Cook	Ligonier	Rostraver	Unity
Derry	Loyalhanna	Salem	Upper Burrell
Donegal	Mt. Pleasant	Sewickley	Washington
East Huntingdon			

The Company's Rate Schedules and Rules and Regulations also apply in territory adjacent to the above named localities.

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GENERAL RULES AND REGULATIONS

Definition of Terms (continued)

Alternative Energy Portfolio Standards ("AEPS") – Standards requiring that a certain amount of electric energy sold from alternative energy sources be included as part of the sources of electric utilities within the Commonwealth of Pennsylvania in accordance with the Alternative Energy Portfolio Standards Act, 73 P.S. §1648.1 – 1648.8 ("AEPS Act") as may be amended from time to time.

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Applicant – Any person, corporation or other entity that (i) desires to receive from the Company electric or any other service provided for in this Tariff, (ii) complies completely with all Company requirements for obtaining electric or any other service provided for in this Tariff, (iii) has filed and is awaiting Company approval of its application for service, and (iv) is not yet actually receiving from the Company any service provided for in this Tariff. For Residential Service, an Applicant is a natural person at least 18 years of age not currently receiving service who applies for Residential Service or any adult occupant whose name appears on the mortgage, deed or lease of the property for which the Residential Service is requested. The term does not include a person who seeks to transfer service within the service territory of the Company or to reinstate service at the same address provided that the final bill for service is not past due.

Deleted: unless specifically stated otherwise in this Tariff, an Applicant shall become a Customer for purposes of this Tariff only after it actually starts receiving the applicable service(s) from the Company under this Tariff.

Basic Electric Supply – For purposes of the Company's Purchase of EGS Receivables Program, energy (including renewable energy) and renewable energy or alternative energy credits (RECs/AECs) procured by an EGS, provided that the RECs/AECs are bundled with the associated delivered energy. For residential Customers, Basic Electric Supply does not include early contract cancellation fees, late fees, or security deposits imposed by an EGS.

Black Start Service – The ability of a Generating Facility to go from a shutdown condition to an operating condition and start delivering power without assistance from the power system (i.e., the Company's electrical system).

Cash Advance – A refundable contribution in cash from an Applicant for those costs associated with a Line Extension, increased for applicable taxes, which is held by the Company in a non-interest bearing account.

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GENERAL RULES AND REGULATIONS

Definition of Terms (continued)

Contributions in Aid of Construction ("CIAC") – A non-refundable contribution in cash from an Applicant for those costs associated with a Line Extension and/or tree trimming, brush clearance and related activities or those costs associated with Temporary Service or the relocation of Company facilities, increased for applicable taxes.

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Customer(s) – Any person, partnership, association, corporation, or other entity (i) in whose name a service account is listed, (ii) who occupies or is the ratepayer for any premises, building, structure, etc. or (iii) is primarily responsible for payment of bills. For Residential Service, a Customer is a natural person at least 18 years of age in whose name a Residential Service account is listed and who is primarily responsible for payment of bills rendered for the service or any adult occupant whose name appears on the mortgage, deed, or lease of the property for which the Residential Service is being requested. A natural person remains a Customer after discontinuance or termination until the final bill for service becomes past due.

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Customer Choice and Competition Act – The Pennsylvania legislation known as the "Electricity Generation Customer Choice and Competition Act," 66 Pa. C. S. §§ 2801-2813 as implemented by the Default Service Regulations 52 Pa. C. S. §§52.181-52.189, and by Act 129 and as may be amended from time to time.

Default Service – Service provided pursuant to a Default Service Program to a Default Service Customer.

Default Service Customer – A Delivery Service Customer not receiving service from an EGS.

Delivery Service – Provision of distribution of electric energy and other services provided by the Company.

Delivery Service Charge – A charge that includes the Monthly Minimum Charge, Distribution Charge, and all charges and surcharges imposed under other applicable tariff provisions.

(C) Change

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GENERAL RULES AND REGULATIONS

The Company may require an Applicant/Customer to make the payment of any outstanding balance or portion of an outstanding balance if the Applicant/Customer resided at the property for which service is requested during the time the outstanding balance accrued and for the time the Applicant/Customer resided at the property not to exceed four years. The Company may establish that an Applicant/Customer previously resided at a property through the use of mortgage, deed, lease information, a consumer credit reporting service, a Financial Summary that provides the names and income of adult occupants of a household, and a web-based tool such as "Accurint" to research Applicant/Customer information.

2. Deposits

Where an Applicant's/Customer's credit is not established or the credit of a Customer with the Company has, in the Company's judgment become impaired, or where the Company deems it necessary, a deposit or other guarantee satisfactory to the Company may be required to be supplied by the Applicant/Customer as security for the payment of future and final bills before the Company shall commence or continue to render any type of electric service to the Applicant/Customer. Deposits required by the Company for Tariff charges shall include unpaid EGS charges that are subject to the Company's POR.

The Company utilizes a generally accepted credit scoring methodology in range of general industry practice that is based on an applicant or customer's utility payment history.

(C)

The Company may request deposits from Customers taking service for a period of less than thirty (30) days, in an amount equal to the estimated bill for the cost of total services provided by the Company for such temporary period. Deposits may be required by the Company from all other Customers, in an amount that is in accordance with 52 Pa. Code § 56.51.

Deposits for Residential Customers shall be returned to them in accordance with the provisions of the Responsible Utility Customer Protection Act (66 Pa. C.S. §§ 1401-1418) and the provisions of the Commission's Regulations at 52 Pa. Code Chapter 56, as amended from time to time. Deposits from all other Customers may be held by the Company, in its sole and exclusive judgment, until the Customer discontinues service or the Company determines that the Customer has established a satisfactory payment record. Upon discontinuance of all Company service and payment in full of all charges and financial guarantees, the Company shall refund the deposit or deduct any unpaid amounts from the deposit and refund the difference, if any, to the Customer. The deposit shall no longer accrue interest upon the discontinuance of service.

The interest rate on Residential Customer deposits will be calculated pursuant to the Fiscal Code, as amended annually.

(C) Change

Deleted: Definition of Terms (continued)¶
¶
Delivery Service Customer – A Customer who takes Delivery Service.¶
¶
Demand – The rate of use of electric energy during a specified time interval, expressed in kilowatts and reactive kilovolt-amperes.¶
¶
Developer – The person or entity responsible for constructing and providing improvements in a Development, including, but not limited to, streets, sidewalks and utility-ready lots.¶
¶
Development – A planned project which is developed by a Developer for electric service set out in a recorded plot plan of five (5) or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, mobile homes, or one (1) or more five-unit apartment houses, all of which are intended for year-round occupancy, if electric service to such lots necessitates extending the Company's existing Distribution Lines.¶
¶
Direct Labor Costs – The pay and expenses of Company employees directly attributable to work performed, excluding construction overheads or payroll taxes, workmen's compensation expenses or similar expenses.¶
¶
Direct Material Costs – The purchase price of materials used, excluding related stores (i.e. warehousing) expenses. In computing Direct Material Costs, proper allowance shall be made for unused materials recovered from temporary structures, and for discounts allowed and realized in the purchase of materials.¶
(C)¶
Discontinuance of Service – The removal of a customer's meter and/or service wires or the de-energizing of a meter and cessation of service with the consent of the customer.¶
¶
Distribution Charge – A charge designed to recover the costs the Company incurs in using its distribution system or local wires to deliver electricity to a Customer.¶
¶
Distribution Line – An electric supply line and related equipment of up to 100,000 voltage from which energy is delivered to one (1) or more Service Lines.¶
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GENERAL RULES AND REGULATIONS

Rule 7 – Wiring, Apparatus and Inspection (continued)

When a Customer's facilities or use of equipment having operating characteristics that adversely affects or has the potential to adversely affect, in the Company's sole judgment, the Company's electric system, the Customer shall take corrective action at its sole expense as may be directed by the Company. Unless corrective action is taken, the Company is under no obligation to serve or to continue to serve such Customers.

Each Applicant/Customer shall provide to the Company such service information described in Rule 1 of this Tariff. The Applicant/Customer shall be responsible and liable to the Company for any damages resulting from the Customer's failure to provide such service information.

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The Company will require the customer to maintain a Power Factor in the range of 85% (lagging) to 100% for secondary, primary and subtransmission service and 97% (lagging) to 99% (leading) for transmission service, coincident with the customers maximum monthly peak demand and to provide, at the Customer's expense, any corrective equipment necessary in order to do so. The Company may inspect the Customer's installed equipment and/or place instruments on the premises of the Customer in order to determine compliance with this requirement, as deemed appropriate by the Company. The Company may charge the Customer the Company's installation cost incurred for corrective devices necessary for compliance with this provision. The Company is under no obligation to serve, or to continue to serve, a Customer who does not maintain a Power Factor consistent with the parameters set forth in this provision.

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8. Metering

Company Obligations

The Company owns, maintains, installs and operates a variety of meters, and related equipment designed to measure and record Customers' consumption and usage of all services provided under this Tariff. The Company may, in its sole and exclusive discretion, install such meters and related equipment it deems reasonable and appropriate to provide service to Customers under this Tariff. The Company may, in its sole and exclusive discretion, install such special metering equipment as may be requested by a Customer, subject to the Customer paying all of the Company's incremental material, labor, overheads and administrative and general expenses relating to such facilities. Where additional metering services and the associated costs for the additional metering services are contained within this Tariff, those costs shall also be applicable.

An advanced meter may be installed, maintained, and removed according to provisions in Appendix C of the Joint Petition for Full Settlement of West Penn Power Company's Restructuring Plan and Related Court Proceedings at Docket No. R-00973981.

An advanced meter is defined as a meter (1) capable of storing electric consumption data at specified time intervals of no greater than one-half hour and in conformance with applicable performance specifications, and (2) capable of remote meter reading.

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GENERAL RULES AND REGULATIONS

Rule 10 – Meter Reading and Rendering of Bills (continued)

(2) At a Customer's request, not more than one (1) time per calendar year, the Company shall provide at no cost to the Customer, the Customer's historical billing data for the most recent twelve (12) months for which such data is available. If a Customer requests billing data (i) for a period earlier than the most recent twelve (12) months for which the data is available or (ii) in greater detail than normally maintained by the Company and provided to Customers, the Company may provide such additional data to the Customer, reserving the right to charge Customers an additional amount for historical billing beyond the most recent twelve (12) months to offset the costs of providing the service.

b. Rendering of Bills

(1) Estimated Bills

When meters are read on other than a monthly schedule, the Company may render estimated monthly bills to Customers for the periods when meter readings are not obtained, and such bills shall be due and payable by each Customer upon presentation by the Company, subject to the Company's standard payment terms.

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Under 52 Pa. Code § 56.222, the Company requested and was granted a waiver from 52 Pa. Code § 56.12 (2)(i)–(ii) by the Commission. In accordance with this waiver, the Company will accept Customer-supplied meter readings in lieu of an estimated meter reading by telephone or through the Company's internet website. If the Customer-supplied reading is received by the Company within the timeframe prescribed on the customer's monthly bill, the charges for such month will be computed from the Customer-supplied meter reading instead of by estimate. The Company will adjust estimates of bills for changes in conditions of which it has been notified in advance by a Customer.

When interim monthly bills are not rendered by the Company, a Customer, at its option, may voluntarily pay the Company its own estimate of an interim monthly bill, and such payment shall be shown by the Company as a credit on the next standard bill rendered to that Customer.

In the event the Company is unable to gain access to the meter location to obtain readings, it may, at its option, estimate the amount of electric service supplied based upon the Customer's past usage or, if no prior Customer usage is available, the past usage at the service location, and render an appropriate bill, which shall be paid in accordance with the Company's payment terms specified in this Tariff. Any bills covering subsequent meter readings shall reflect any adjustment due to under- or over-estimation, or any unusual circumstances known to have affected the quantity of service used by the Customer or consumed at the premises.

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GENERAL RULES AND REGULATIONS

Rule 10 – Meter Reading and Rendering of Bills (continued)

(9) Power Factor/ kilovar Billing (C)

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Billing for Power Factor or kilovars, whichever is applicable, shall be in accordance with the Customer's applicable Rate Schedule or other provisions of this Tariff. The Power Factor used for billing purposes shall be rounded to the next highest whole percent, unless otherwise stated in the Customer's applicable Rate Schedule or other provisions of this Tariff.

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(10) Billing for Vandalism, Theft or Deception

In the event that the Company's meters or other equipment on the Customer's premises have been tampered or interfered with by any means whatsoever, resulting in improper or non-registration of service supplied, the Customer being supplied through such equipment shall pay to the Company the amount the Company estimates is due for service used but not registered on the Company's meter, and the cost of any repairs or replacements, inspections and investigations relating thereto including, but not limited to, all administrative expenses associated with the investigation(s) (e.g., Legal, Accounting/Billing, etc.). Under these circumstances, the Company may at its option terminate its service immediately and/or require the Customer to pay all costs correcting any and all unauthorized conditions at the premises. In the event service has been terminated under these circumstances it shall not be restored to the Customer's premises until: (i) the Customer has a certificate of compliance with the provisions of the National Electric Code and the regulations of the National Fire Protection Association has been issued by the municipal inspection bureau or by any Company-accepted inspection agency, (ii) the Customer has complied with all of the Company's requirements and (iii) the Customer pays the Company a reconnection fee and deposit.

In the event that a Customer knowingly and willfully obtained service for itself or for another by creating or reinforcing a false impression, statement or representation and fails to correct the same, the Company shall immediately correct the account information in question and issue an adjustment for all current or previous amounts. The Customer shall be required to show proof of identity and sign an agreement for payment of all electric service received, plus any and all costs and administrative expenses associated with any investigation(s) (i.e., Legal, Accounts/Billing, etc.) which shall be added to their account. The Customer shall have three (3) business days in which to provide proof of identity. The Company may terminate a Customer's electric service if the Customer fails to provide such proof of identity within the aforementioned time period.

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GENERAL RULES AND REGULATIONS

Rule 11 – Payment of Bills (continued)

A Customer's failure to receive a bill shall not be construed or deemed, under any circumstances, to be a waiver of any of the provisions of this Tariff. A Customer's bill shall be overdue when not paid on or before the due date indicated in the bill.

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b. Late Payment Charges

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Late payment charges shall be applied to Default Service Charges, EGS charges that are subject to the Company's POR and Delivery Service Charges. The Company will apply late payment charges to EGS charges that are not subject to the Company's POR at the EGS's request when it is performing billing services for the EGS.

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A Residential Customer's overdue bill shall be subject to a late payment charge of 1.5% (I) interest per month on the overdue balance of the bill. A Non-Residential Customer's overdue bill shall be subject to a late payment charge of 2.0% interest per month on the overdue balance of the bill. Interest charges shall be calculated by the Company on the overdue portions of the bill and shall not be charged against any sum that falls due during a current billing period. At the Company's option, the interest per month associated with the late payment charge for Residential Customers may be reduced or eliminated in order to facilitate payment of bills under dispute.

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c. Allocation of Payments

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All payments made by or on behalf of a Customer shall be applied to a Customer's account in accordance with the Commission's payment posting rules and applicable Regulations including the Company's Electric Generation Supplier Coordination Tariff on file with the Commission.

d. Delinquent Accounts

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A Customer's account is delinquent when not paid in full by the due date stated on the bill or otherwise agreed upon by the Customer and the Company. The Company shall pursue collections of outstanding residential delinquent account balances in accordance with applicable law and Commission regulations. Termination of service will occur only for non-payment of undisputed delinquent accounts associated with the Company's regulated charges, which shall include EGS charges subject to the Company's POR.

The Company will have the ability to terminate service to a Customer for the Customer's non-payment of EGS Basic Electric Supply charges incurred after January 1, 2011 in the same manner and to the same extent that the Company could terminate service to such a Customer for non-payment of EDC charges. Residential Customer's termination will be subject to the consumer protections included in Chapter 14 of the Public Utility Code, Chapters 55 and 56 of the Commission's regulations, 52 Pa. Code §§ 55.1 and 56.1 et. seq., and/or other applicable regulations as may change from time to time. The POR is only available as long as the Company is able to terminate service to Customers under Chapter 14 of the Public Utility Code and Chapters 55 and 56 of the Commission's regulations, 52 Pa. Code §§ 55.1 and 56.1 et. seq., and/or other applicable regulations as may change from time to time.

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GENERAL RULES AND REGULATIONS

Rule 21 – Service Continuity: Limitation on Liability for Service (continued)

To the extent applicable under the Uniform Commercial Code or on any theory of contract or products liability, the Company disclaims and shall not be liable to any Customer or third party for any claims involving and including, but not limited to, strict products liability, breach of contract, and breach of actual or implied warranties of merchantability or fitness for an intended purpose.

If the Company becomes liable under Section 2806(g) or 2809(c) of the Public Utility Code, 66 Pa. C.S. §§ 2806(g) and 2809(f), for Pennsylvania state taxes not paid by an Electric Generation Supplier (EGS), the non-compliant EGS shall indemnify the Company for the amount of additional state tax liability imposed upon the Company by the Pennsylvania Department of Revenue due to the failure of the EGS to pay or remit to the Commonwealth the tax imposed on its gross receipts under Section 1101 of the Tax Report Code of 1971 or Chapter 28 of Title 66.

22. Transfer of Electric Generation Supplier

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The Company shall change a Customer's EGS in accordance with the 52 Pa. Code Chapter 57, Subchapter M, "Standards for Changing a Customer's Electricity Generation Supplier". Pursuant to the Commission's Rulemaking to Amend the Provisions of 52 Pa. Code, Chapter 57 Regulations Regarding Standards for Changing a Customer's Electricity Generation Supplier, at Docket L-2014-2409383, changes in a Customer's EGS shall be effective within three (3) business days after the enrollment request is processed, regardless of whether the meter reading is actual or estimated.

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Deleted: P.U.C. Rules and Regulations as described in the Final Orders on Standards for Electronic Data Transfer and Exchange Electric Distribution Companies and Electric Generation Suppliers, Docket No. M-00960890F0015 and on Establishing Standards for Changing a Customer's Electric Supplier, Docket No. L-00970121. Changes in Customer's electric Supplier shall only be effective with Customer's normal meter reading date, regardless of whether the meter reading is actual or estimated.

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RATE SCHEDULES

SCHEDULE 10
DOMESTIC SERVICE

AVAILABILITY

Available for single-phase service to a single-family residence served through one meter.

MONTHLY RATE (For a Single Residence)

DISTRIBUTION CHARGES

$13.98 per month (Customer Charge), plus (I)

3.113 cents per kWh for all kWh (I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider charges:

Rider A -- State Tax Adjustment Surcharge
Rider C -- Universal Service Charge
Rider F - Phase II Energy Efficiency and Conservation Charge
Rider G -- Smart Meter Technologies Surcharge
Rider J -- Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Residential Customer Class rate applies.

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RATE SCHEDULES

Schedule 10 (continued)

Minimum Charge:

$13.98 per month, plus distribution energy charges and any charges related to applicable riders. (I)

PAYMENT TERMS

As per Rule 11, Payment of Bills

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' on-peak metered energy by 1.09333 and off-peak metered energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

When two or more residential units up to a maximum of five units are supplied through a single meter, each shall be classed as a Single Family Residence, and the above appropriate Monthly Rate shall apply to each.

This Schedule is available for single-phase service to farms when supplied along with service for the residence through one meter.

Combination residential and commercial service may be taken on this Schedule when the entire service is taken through one meter and the total commercial connected load does not necessitate upgrade of service facilities.

LOADS IN EXCESS OF 25 KILOWATTS: The Company shall install a suitable demand meter to determine the maximum fifteen (15)-minute integrated demand when (i) a Customer's service requires installation of an individual transformer, (ii) a Customer's total monthly consumption exceeds 10,000 kilowatt-hours for two (2) consecutive months, or (iii) when the Customer's service entrance requirements exceed 600 amperes.

If the demand so determined under this provision exceeds twenty-five (25) kilowatts, a monthly distribution demand charge of Two Dollars ($2.00) per kW for all kW shall apply to such excess as set forth in this provision, in addition to the General Monthly Charges. In no event shall the demand charge be based upon less than seventy-five percent (75%) of the highest excess demand during the preceding eleven (11) months.

Rules and Regulations:

The Company's Standard Rules and Regulations shall apply to the installation and use of electric service. Motors and equipment served under this rate schedule shall have electrical characteristics so as not to interfere with service supplied to other customers of the Company.

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RATE SCHEDULES

SCHEDULE 20
GENERAL SERVICE

AVAILABILITY

Available for service through a single metering installation for secondary light and power service for loads up to 1,500 kWh.

MONTHLY RATE

DISTRIBUTION CHARGES

$9.58 per month (Customer Charge), plus (I)

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4.385 cents per kWh for all kWh (I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Surcharge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H – Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies unless the Customer elects to receive Default Service from the Company under Rider I - Hourly Pricing Default Service Rider.

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RATE SCHEDULES

Schedule 20 (continued)

Minimum Charge

$9.58 per month plus distribution energy charges plus any charges related to applicable riders. (I)

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PAYMENT TERMS

As per Rule 11, Payment of Bills

GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

A single family residence located within an establishment used also for other purposes may be separated electrically and billed as a separate connection under the appropriate residential rate schedule if Customer so desires.

TERM

Customer may leave the firm service provision of this schedule once in a twelve (12) month period. Service other than firm service will be provided as described below under MONTHLY SERVICE.

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MONTHLY SERVICE

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Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges will be increased 10%.

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RATE SCHEDULES

SCHEDULE 30

GENERAL POWER SERVICE

Available for secondary light and power service for loads of up to 400 kW. Secondary voltage shall be supplied to Customers at a single transformer location when load does not require transformer capacity in excess of 2,500 kVA. Upon a Customer's request, the Company may, at its option, provide transformers having a capacity of greater than 2,500 kVA.

New Customers requiring transformer capacity in excess 2,500 kVA and existing Customers whose load increases such that a transformer change is required (over 2,500 kVA) shall be required to take untransformed service.

(C)

If an existing Customer's total consumption is less than 1,500 kWh per month for twelve (12) consecutive months, the Customer may no longer be eligible for service under this Rate Schedule 30. Based upon the Company's then estimate of the Customer's usage, the Customer shall be placed on Rate Schedule 20 or such other Rate Schedule for which such Customer most qualifies.

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If an existing Customer's billing demand exceeds 400 kW for two (2) consecutive months in the most recent twelve-month period, then the Customer may no longer be eligible for service under this Rate Schedule 30 and shall be placed on Rate Schedule 35 or such other Rate Schedule for which such Customer most qualifies.

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All of the following general monthly charges are applicable to Delivery Service

MONTHLY RATE

DISTRIBUTION CHARGES

$19.05 per month (Customer Charge), plus (I)

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Demand

$3.02 per kW for all billing kW (I)

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$0.18 for each rkVA of reactive billing demand

Energy

0.400 cents per kWh for all kWh

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

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RATE SCHEDULES

Schedule 30 (continued)

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Surcharge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H-Price to Compare Default Service Rate Rider, Commercial Customer Class rate applies unless the Customer elects to receive Default Service from the Company under Rider I-Hourly Pricing Default Service Rider.

Minimum Charge:

No bill shall be rendered by the Company for less than:

$19.05 per month, plus (I)

The demand charge at current rate levels times the Billing Demand, plus Distribution Charges plus any charges stated in or calculated by any applicable Rider.

Determination of Billing Demand:

(C)

A Customer's demand shall be measured by indicating or recording instruments. Demands shall be integrated over fifteen (15)-minute intervals. The billing demand in the current month shall be the greatest of: (i) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (ii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours, (iii) contract demand or (iv) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

Pending the installation of a demand meter, Customer's Demand shall be a formula demand determined by dividing the kilowatt-hour consumption by 200.

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RATE SCHEDULES

Schedule 30 (continued)

Reactive Billing Demand:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

PAYMENT TERMS

As per Rule 11, Payment of Bills

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GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

TERM

Minimum of one year, except as provided below under Monthly Service.

MONTHLY SERVICE

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Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and the Minimum Charge based on 100% of the Agreement Capacity shall be waived.

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Monthly Service shall not be available for standby or maintenance service such as that required for alternative generation facilities.

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WEST PENN POWER COMPANY

Electric-Pa. P.U.C. No. 40 (Supp. 15)
Second Revised Page 73
Superseding First Revised Page 73

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RATE SCHEDULES

SCHEDULE 35

GENERAL POWER SERVICE

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Available for light and power service for loads over 400 kW. Secondary voltage shall be supplied to Customers at a single transformer location when load does not require transformer capacity in excess of 2,500 kVA. Upon a Customer's request, the Company may, at its option, provide transformers having a capacity of greater than 2,500 kVA.

New Customers requiring transformer capacity in excess 2,500 kVA and existing Customers whose load increases such that a transformer change is required (over 2,500 kVA) shall be required to take untransformed service.

All of the following general monthly charges are applicable to Delivery Service

MONTHLY RATE

DISTRIBUTION CHARGES

$146.87 per month (Customer Charge), plus (I)

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Demand

$4.09 per kW for all billing kW (I)
$0.18 for each rkVA of reactive billing demand

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

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Effective: June 27, 2016

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RATE SCHEDULES

Schedule 35 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I – Hourly Pricing Default Service Rider rates apply.

Minimum Charge:

No bill shall be rendered by the Company for less than:

$146.87 per month, plus (I)

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The demand charge at current rate levels times the Billing Demand plus Distribution Energy Charges plus charges stated in or calculated by any applicable Rider.

Determination of Billing Demand:

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A Customer's demand shall be measured by indicating or recording instruments. Demands shall be integrated over fifteen (15)-minute intervals. The billing demand in the current month shall be the greatest of: (i) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (ii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours (iii) contract demand or (iv) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

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Pending the installation of a demand meter, Customer's Demand shall be a formula demand determined by dividing the kilowatt-hour consumption by 200.

Reactive Billing Demand:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

(C) Change
(I) Increase

RATE SCHEDULES

Schedule 35 (continued)

SERVICE AT PRIMARY VOLTAGE

(C)

Customers served at voltages greater than 1,000 volts under this Rate Schedule qualify for the following discount.

VOLTAGE DISCOUNT

$1.23 per kW for all billing kW

PAYMENT OF TERMS

As per Rule 11, Payment of Bills

GENERAL

When Company installs local transformer capacity to supply a highly fluctuating load, a facility charge of 2.1% net per month of the cost of additional transformer capacity required by the highly fluctuating load shall be made.

TERM

Minimum of one year.

(C)

MONTHLY SERVICE

Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 100% of the Agreement Capacity shall be waived.

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$1.20 per kW for all billing kW¶
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RATE SCHEDULES

SCHEDULE 40
PRIMARY POWER SERVICE

AVAILABILITY

Available for service at 25,000 volts or higher for loads of 2,000 kilowatts or greater, supplied at a single point of delivery. Also available at 12,470 volts where Company elects, at its sole option, to supply service direct from an adjacent 138,000 volt transmission line by a single transformation. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

$744.58 per month (Customer Charge), plus (I)

$0.74 per kW for all billed kW (I)

$0.18 for each rkVA of reactive billing demand

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Transformer Charge,
$1.29 for per kW of billing demand (I)

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Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I, the Hourly Pricing Default Service Rider rates apply.

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RATE SCHEDULES

Schedule 40 (continued)

PAYMENT TERMS

As per Rule 11, Payment of Bills

Minimum Charge:

No bill shall be rendered by the Company for less than, $744.58 per month, plus the demand charges of current rate levels times the Billing Demand, plus any distribution energy charges, and any charges stated in or calculated by any applicable rider.

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DETERMINATION OF CUSTOMER'S BILLING DEMAND

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The Customer's demand shall be measured by indicating or recording instruments. Demand shall be integrated over fifteen (15)-minute intervals or as otherwise determined by the Company. The billing demand in the current month shall be the greatest of: (i) two thousand (2000) kW, (ii) the maximum measured demand established in the month during On-Peak Hours, as stated herein, (iii) forty percent (40%) of the maximum measured demand established in the month during off-peak hours (iv) contract demand or (v) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months. The on-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.

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REACTIVE BILLING DEMAND:

For installations metered with reactive energy metering, the reactive billing demand in rkVA for the month shall be determined by multiplying the Billing Demand by the ratio of the measured lagging reactive kilovoltamperes hours to the measured kWh by the following formula: rkVA = Billing Demand X (measured lagging reactive kilovoltampere hours ÷ rate measured kWh). The Reactive kilovolt-ampere charge is applied to the Customer's reactive kilovolt-ampere capacity requirement in excess of 35% of the Customer's kilowatt capacity. For all other installations, the Reactive Billing Demand shall be the integrated reactive demand occurring coincident with the Billing Demand.

TERM

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The minimum Term of the Electric Service Agreement required by Company under Rule 4 shall be five (5) years when construction is involved without construction cost advance paid by Customer. Otherwise, term shall be determined in accordance with Customer's kilowatt requirements as set forth in the following table:

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RATE SCHEDULES

Schedule 40 (continued)

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Customer's Requirements	Minimum Term of Agreement
2,000 -- 5,000 kilowatts	2 years
5,001 -- 7,500 kilowatts	3 years
Over -- 7,500 kilowatts	4 years

Agreements shall remain in force until a one-year written cancellation notice has been given and the initial Term and Cancellation Notice Period have been expired, except:

(a) When a Customer increases capacity beyond the capacity specified in the Agreement, a new Agreement based on the new conditions may be required by the Company, or

(b) When a Customer decreases capacity after having satisfied the initial Term of the Agreement and cancellation notice and no change is made by the Company in its service facilities, a new Agreement may be written for a Term of one year less than those specified above

VOLTAGE DISCOUNT

(C)

$0.59 per kW for all billed kW

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For loads of 10,000 kilowatts or greater, the Company will furnish service at voltages above 100,000 volts if such service is provided at a single delivery point from the Company's transmission system and in the sole judgment of the Company the necessary capacity is available. When such service is supplied and the Customer owns and maintains all required facilities, above discounts will be allowed, but in no case will the amount of the minimum bill be hereby reduced.

To qualify for this transmission voltage service, the Customer must be billed for at least 10,000 kilowatts at least once in every 12-month period.

Transformer Charge

When Customer desires to take service under this Schedule at a voltage between 1,000 and 15,000 volts, Company shall provide one transformation at charges set forth above based on the highest on-peak or off-peak demand for the month, but not less than any such demand previously established during the Term of the Electric Service Agreement nor less than the capacity specified therein. This transformer charge does not apply for those connections supplied at 12,470 volts by a single transformation from an adjacent 138,000 volt line.

Rules and Regulations:

The Company's Standard Rules and Regulations shall apply to the installation and use of electric service. Motors and equipment served under this rate schedule shall have electrical characteristics so as not to interfere with service supplied to other customers of the Company.

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RATE SCHEDULES

SCHEDULE 44
PRIMARY POWER SERVICE

AVAILABILITY

Available only to locations now served hereunder and to locations for which definite rate commitments have been made as of December 31, 1998, under conditions stated below for interruptible power service at not less than 25,000 volts balanced three phase for loads of 5,000 kilovolt-amperes or greater to the extent that Company, in its sole judgment, determines that it has capacity for such service at the point of supply. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

DISTRIBUTION CHARGES

$5.51 per month (Customer Charge), plus

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Point of supply at generating stations
$0.23 per kVA for all billed kVA (I)
$0.00060 per kWh for all billed kWh (I)

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Point of supply at transmission lines
$0.23 per kVA for billed kVA (I)
$0.00060 per kWh for billed kWh (I)

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Penalty Charge

In addition to the above demand and energy charges, a charge of $7.00 per kVA will apply each time a Customer fails to interrupt when requested. The kVA subject to this charge shall be the maximum fifteen-minute kilovolt-ampere demand during each interruption period beginning with the second full fifteen-minute period after commencement of an interruption by the Company and continuing through the fifteen-minute period immediately preceding termination of that interruption period.

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RATE SCHEDULES

SCHEDULE 46
PRIMARY POWER SERVICE

AVAILABILITY

Available only to locations now served hereunder and to locations for which definite rate commitments have been made as of December 31, 1998 for service at 25,000 volts or higher for loads of 30,000 kilovolt-amperes or greater, supplied at not more than five plant locations within a distance of eight miles. Service shall not be available for Standby or Maintenance Service such as that required for Alternative Generation Facilities. An Electric Service Agreement shall be executed.

MONTHLY RATE

DISTRIBUTION CHARGES

$5.45 per month (Customer Charge), plus (I)
$0.60 per kVA for all billed kVA (I)

Voltage Discount (kVA)

$0.14 per kVA for all billed kVA (C)

If requested, the Company will furnish service at voltages above 100,000 volts at each plant location if such service at that location is over 10,000 kilovolt-amperes, is provided at a single delivery point from the Company's transmission system, is the only service on that account, and if in the sole judgment of the Company, the necessary capacity is available. When such service is supplied and the Customer owns and maintains all required facilities, the above discounts will be allowed but in no case will the amount of the minimum bill be hereby reduced.

To qualify for this transmission voltage service, the Customer must be billed for at least 10,000 kilovolt-amperes at least once in every 12-month period at each metering point.

(C)

Energy Charges (kWh)

$0.00123 per kWh for all billed kWh (I)

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RATE SCHEDULES

Schedule 46 (continued)

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First Block (0 to 30,000,000 kWh) $0.00092 per kilowatt-hour¶
Second Block (over 30,000,000 to 530 kWh/kVA) $0.00089 per kilowatt-hour¶
Third Block (over 530 kWh/kVA) $0.00084 per kilowatt-hour

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider G – Smart Meter Technologies Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I - Hourly Pricing Default Service Rider rates apply.

PAYMENT TERMS

As per Rule 11, Payment of Bills

Compensating for Transmission and Distribution Losses.

For service between 15,000 and 100,000 volts, multiplying Customers' on peak metered energy by 1.05091 and off-peak metered energy by 1.04128 produces the generation energy that must be delivered to the West Penn system. For service at other voltages, Customer should contact Company for loss factor.

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RATE SCHEDULES

SCHEDULE 51
STREET LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for mercury vapor street lighting to municipalities and to unincorporated communities, for lighting public bridges and major highway interchanges, for other suitable readily-accessible locations as solely determined by the Company, and for connections existing as of August 28, 1985.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

8,150 Lumen -175 Watts74 kWh..	$9.52	(I)
11,500 Lumen -250 Watts103 kWh	$13.76	(I)
21,500 Lumen -400 Watts162 kWh	$16.91	(I)
60,000 Lumen -1,000 Watts386 kWh	$26.20	(I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – State Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

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RATE SCHEDULES

Schedule 51 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

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The above net rates apply if the current bill is paid in full within 15 days (30 days for governmental accounts) of the date of such bill and all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be mad for failure to make payment in full within 15 days (30 days for governmental accounts) of the date of the bill.¶

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LONG TERM SERVICE

TERM

Locations served hereunder prior to July 1978 have a street lighting agreement for an initial term of five years which will continue in effect upon the same conditions for successive five-year terms until cancelled by written notice by either party to the other at least 90 days prior to the expiration of the initial or successive term. After two successive five-year terms, the Agreement may also be cancelled by the Customer upon written notice at least 90 days in advance of cancellation.

New locations and additions to existing contracts will have an initial term of ten years and remain in force thereafter until a 90 day written cancellation notice has been given and the initial term and cancellation notice period have expired.

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RATE SCHEDULES

SCHEDULE 52
OUTDOOR LIGHTING SERVICE

AVAILABILITY

Available for existing high pressure sodium vapor outdoor lighting installed before June 6, 1997 and for existing mercury vapor installations installed prior to August 28, 1985.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

High Pressure Sodium Vapor

9,500 Lumen -100 Watts 51 kWh..... $12.28 (I)

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Mercury Vapor

4,000 Lumen - 100 Watts45 kWh ..... $9.15 (I)
8,150 Lumen - 175 Watts74 kWh ..... $10.30 (I)
21,500 Lumen - 400 Watts162 kWh ..... $16.75 (I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

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RATE SCHEDULES

Schedule 52 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

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The above net rates apply if the current bill is paid in full within 15 days (30 days for governmental accounts) of the date of such bill and all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be mad for failure to make payment in full within 15 days (30 days for governmental accounts) of the date of the bill.¶
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RATE SCHEDULES

SCHEDULE 53
STREET AND AREA LIGHTING

AVAILABILITY

Available only for present Customers for installations being served prior to June 6, 1997 for high pressure sodium vapor street and area lighting to Customers for lighting roadways, parking lots, and other suitable readily-accessible areas as solely determined by the Company.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

Overhead Service

9,500 Lumen -100 Watts 51 kWh	$12.27	(I)
22,000 Lumen -200 Watts 86 kWh	$16.32	(I)
*50,000 Lumen -400 Watts167 kWh	$23.61	(I)

*Also available for floodlighting application.

Underground Service

Low Mount

9,500 Lumen -100 Watts 51 kWh	$21.33	(I)

High Mount Single Luminaire Per Pole

9,500 Lumen -100 Watts 51 kWh	$46.70	(I)
22,000 Lumen -200 Watts 86 kWh	$41.52	(I)
50,000 Lumen -400 Watts167 kWh	$45.07	(I)

High Mount Each Additional Luminaire Per Pole

9,500 Lumen -100 Watts 51 kWh	$22.38	(I)
22,000 Lumen -200 Watts 86 kWh	$21.38	(I)
50,000 Lumen -400 Watts167 kWh	$24.91	(I)

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RATE SCHEDULES

Schedule 53 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

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The above net rates apply if the current bill is paid in full within 15 days (30 days for Governmental accounts) of the date of such bill and all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be mad for failure to make payment in full within 15 days (30 days for Governmental accounts) of the date of the bill.¶

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification purposes only and shall approximate the manufacturer's standard rating. All lamps are lighted from dusk to dawn aggregating approximately 4,200 hours per year.

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RATE SCHEDULES

Schedule 53 (continued)

If Customer takes service under a Standard Term Agreement and terminates service under Agreement for any reason prior to the expiration of the initial five-year term, Customer shall pay as liquidated damages and not a penalty the removal cost plus remaining value of the system. If Customer takes service under Long Term Agreement and terminates service under Agreement for any reason during the first five years of initial term, Customer shall pay as liquidated damages and not a penalty a sum equal to the difference between the Long Term Rate and Standard Term Rate for each luminaire under the Agreement which is terminated for the entire period service was provided under Agreement, together with the cost of removal of the system plus remaining value of the system. If Customer takes service under Long Term Service Agreement and terminates service for any reason during the sixth through tenth years of the initial term, Customer shall pay as liquidated damages and not a penalty a sum equal to the difference between the Long Term Rate and Standard Term Rate for each luminaire under the Agreement which is terminated for the entire period service was provided under Agreement.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for lights to be located on public thoroughfares.

Customer shall be responsible for inspecting lighting locations to determine when any lamp is not operating and for reporting non-operating lighting locations to the Company.

Company will replace burned-out lamps and otherwise maintain the equipment during regular daytime working hours as soon as practicable following notification by Customer.

Customer shall provide the Company's employees and equipment free access to the Customer's premises, at all reasonable hours, for purposes necessary or proper in connection with supplying and maintaining service.

Overhead service facilities shall consist of a standard overhead, enclosed luminaire and photoelectric switch control mounted on a luminaire bracket not to exceed 8 feet in length. For floodlighting applications, a standard floodlighting luminaire with photoelectric switch and adjustable mounting bracket is installed. Either luminaire is mounted on an existing Company-owned or approved pole. Customer shall pay the installed cost of any facilities required to extend service and the cost of rearranging facilities necessary to serve lights or to obtain required mounting height.

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If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

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RATE SCHEDULES

SCHEDULE 54
STREET LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for high pressure sodium vapor street lighting to municipalities and to unincorporated communities and for lighting major highway interchanges and other suitable readily-accessible locations as solely determined by the Company.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

9,500 Lumen 100 Watts 51 kWh	$11.59	(I)
22,000 Lumen 200 Watts 86 kWh	$15.68	(I)
50,000 Lumen 400 Watts167 kWh	$22.94	(I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

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RATE SCHEDULES

Schedule 54 (continued)

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The above net rates apply if the current bill is paid in full within 30 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 30 days of the date of the bill.¶

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

TERM

Ten years initially. Agreement shall remain in force until a 90 day written cancellation notice has been given and the initial term and cancellation notice period have expired.

CONDITIONS

Company will, at its own cost, install, operate, and maintain its standard overhead street lighting equipment for municipalities, unincorporated communities, and public agencies where service can be supplied from existing distribution systems along public thoroughfares. Customer shall pay the installed cost of any facilities required to extend service and the cost of rearranging of facilities necessary to serve lights or to obtain required mounting height.

Customer shall furnish Company a certified map, showing the location and size of each unit included in the initial installation provided for in this Agreement. Company shall install said units as designated.

Company shall furnish units at additional locations in accordance with Company practices upon the written order of Customer; Company shall increase size of any unit on the same Rate Schedule upon written order of Customer.

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RATE SCHEDULES

Schedule 54 (continued)

Company shall change the location of any unit furnished under Agreement, upon written order of Customer, if said change does not require the extension of lines or the erection of poles, but Company shall not be required to make more than one change in the location of any one unit during term Agreement is in effect.

Customer shall provide to Company, free of cost, a satisfactory right-of-way, location, and housing for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Company shall not be liable for damages to the Customer for any failure in such lighting which results from any cause beyond the Company's control.

Customer shall notify Company in writing at the Company's local office of all outages and the locations thereof not later than 12 o'clock Noon on the day following the night which the outages occurred.

Pavement and/or sidewalk damaged in the erection and/or maintenance of street lighting systems hereunder shall be placed by the Company in as good condition as existed before the said acts of erection and/or maintenance.

If Customer terminates street lighting service under this Schedule for any reason prior to the expiration of the initial term, Customer shall pay removal cost plus remaining value of the system.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

SPECIAL SYSTEMS

Company will provide underground, ornamental, and other special systems when the additional installed cost in excess of the estimated cost of a standard overhead system for the same application is paid by Customer. Company shall take title to the special system and shall operate and maintain the facilities.

At the termination, for any reason, of the useful life of the special system or designated components of the special system, a new system or component shall be installed under similar conditions. The 10-year initial term requirement will apply to any new system or designated component upon installation.

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RATE SCHEDULES

SCHEDULE 55
AREA LIGHTING SERVICE - UNDERGROUND DISTRIBUTION

AVAILABILITY

Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor lighting to municipalities for area lighting service from an underground distribution system. Also available for existing mercury vapor installations installed prior to January 8, 1989.

MONTHLY RATE

DISTRIBUTION CHARGES

Nominal Lamp Size

Sodium Vapor Low Mount

9,500 Lumen -100 Watts 51 kWh..... $20.68 (I)

Sodium Vapor High Mount Single Luminaire Per Pole

9,500 Lumen -100 Watts 51 kWh..... $38.08 (I)
22,000 Lumen -200 Watts 86 kWh..... $40.82 (I)
..... (C)

Sodium Vapor High Mount Each Additional Luminaire Per Pole

..... (C)
22,000 Lumen -200 Watts 86 kWh..... $20.62 (I)
..... (C)

Mercury Vapor

8,150 Lumen -175 Watts 74 kWh..... $18.55 (I)

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Issued: April 28, 2016

Effective: June 27, 2016

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RATE SCHEDULES

Schedule 55 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

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The above net rates apply if the current bill is paid in full within 30 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 30 days of the date of the bill.¶

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

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RATE SCHEDULES

SCHEDULE 56
STREET LIGHTING SERVICE - CUSTOMER-OWNED EQUIPMENT

AVAILABILITY

(C)

Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor street lighting to municipalities. This Schedule is not available to serve lighting systems in an area where there will be a mix of Company-owned and Customer-owned systems.

MONTHLY RATE

DISTRIBUTION CHARGES

Type and Nominal Lamp Size	Installed on Customer-Owned Pole	Installed on Company's Distribution System	
HPS..... 9,500 Lumen..... 100 Watts.....51 kWh.....	$ 4.72 each	$ 6.27 each	(I)
HPS.... 22,000 Lumen..... 200 Watts.....86 kWh.....	$ 7.81 each	$11.31 each	(I)
HPS.... 50,000 Lumen..... 400 Watts.....167 kWh.....	$ 12.74 each	$17.23 each	(I)

(C)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

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(C) Change

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MV 11,500 Lumen 250 Watts 103 kWh $ 7.10 each $ 8.68 each¶
MV 21,500 Lumen 400 Watts 162 kWh $ 9.13 each $ 10.71 each¶
MV 60,000 Lumen 1000 Watts 386 kWh $ 13.91 each $15.49 each¶
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RATE SCHEDULES

Schedule 56 (continued)

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

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The above net rates apply if the current bill is paid in full within 30 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 30 days of the date of the bill.¶

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

The rating of the lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

TERM

Initial term of the Agreement shall be one year. After the initial term, the Agreement shall remain in effect until a 30-day written notice of cancellation is provided and, unless Customer provides specific date in writing more than 30 days in the future, upon the expiration of 30 days.

CONDITIONS

(C)

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Company will provide maintenance service and deliver energy to approved Customer-owned high pressure sodium vapor street lighting facilities. A full description of Customer's proposed equipment shall be submitted in writing by the Customer prior to Customer's furnishing the equipment to the Company.

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RATE SCHEDULES

Schedule 56 (continued)

Company does not make, and Company hereby excludes, any and all implied warranties of merchantability and warranties of fitness of the electrical service provided by Company.

Costs of additional or special facilities provided hereunder shall be the responsibility of and shall be paid by Customer. Prior to installation, Customer shall reimburse Company for the costs of said additional or special facilities.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

CONTRACT

Company Standard Form of Street Lighting Energy and Maintenance Agreement shall be executed.

(C) Change

Deleted: May 1, 2015
Deleted: May 3, 2015

RATE SCHEDULES

SCHEDULE 57
OUTDOOR LIGHTING
EQUIPMENT, MAINTENANCE, AND UNMETERED SERVICE

AVAILABILITY

Available for roadway and other outdoor lighting supplied from overhead or underground secondary distribution system of the Company and contracted for by a Customer for lighting accessible areas.

MONTHLY RATE

DISTRIBUTION CHARGES

OVERHEAD SERVICE

Nominal Lamp Size

High Pressure Sodium - Vertical Open Lens Luminaire ("OL")

Installation Requires a New Wood Pole

9,500 Lumen- 100 watt 51 kWh	$22.37	(I)

Installation on Existing Pole

9,500 Lumen- 100 watt 51 kWh	$12.45	(I)

Mercury Vapor - Horizontal Luminaire (Cobra Head) - Restricted to installations being served prior to February 13, 2009

8,150 Lumen - 175 watt 74 kWh	$10.09	(I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head)

9,500 Lumen - 100 watt 51 kWh	$12.27	(I)
22,000 Lumen - 200 watt 86 kWh	$16.33	(I)
50,000 Lumen - 400 watt167 kWh	$23.62	(I)

(I) Increase

Issued: April 28, 2016

Effective: June 27, 2016

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RATE SCHEDULES

Schedule 57 (continued)

Metal Halide - Horizontal Luminaire (Cobra Head)

8,500 Lumen - 100 watt 51 kWh	$17.43	(I)
11,600 Lumen - 175 watt 74 kWh	$17.43	(I)
36,000 Lumen - 400 watt157 kWh	$25.46	(I)
90,000 Lumen - 1000 watt379 kWh	$36.78	(I)

High Pressure Sodium Floodlight

22,000 Lumen - 200 watt 86 kWh	$18.50	(I)
50,000 Lumen - 400 watt167 kWh	$25.64	(I)

Metal Halide Floodlight

36,000 Lumen - 400 watt157 kWh	$25.88	(I)
90,000 Lumen - 1000 watt379 kWh	$36.78	(I)

DISTRIBUTION CHARGES

UNDERGROUND SERVICE

High Pressure Sodium - Colonial Post Top Luminaire 14' Mounting Height

9,500 Lumen - 100 watt 51 kWh	$21.34	(I)

Metal Halide - Colonial Post Top Luminaire 14' Mounting Height

11,600 Lumen - 175 watt 74 kWh	$26.17	(I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head) 30' Mounting Height[1]

Single Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$39.82	(I)
22,000 Lumen - 200 watt 86 kWh	$41.69	(I)
50,000 Lumen - 400 watt167 kWh	$44.48	(I)

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RATE SCHEDULES

Schedule 57 (continued)

Each Additional Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$14.78	(I)
22,000 Lumen - 200 watt 86 kWh	$19.69	(I)
50,000 Lumen - 400 watt 167 kWh	$28.46	(I)

Metal Halide - Horizontal Luminaire (Cobra Head) 30' Mounting Height

Single Luminaire Per Pole

		(C)
36,000 Lumen - 400 watt 157 kWh	$53.77	(I)
		(C)
	(C)	(C)

(C)(C)[1] Mounted on a 30' direct burial pole

DISTRIBUTION CHARGES

High Pressure Sodium - Rectangular Luminaire (Shoe Box) 30' Mounting Height

Single Luminaire Per Pole, with base[2]

9,500 Lumen - 100 watt 51 kWh	$63.06	(I)
22,000 Lumen - 200 watt 86 kWh	$56.36	(I)
50,000 Lumen - 400 watt 167 kWh	$58.54	(I)

(I) Increase
(C) Change

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11,600 Lumen - 175 watt 74 kWh $49.23
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RATE SCHEDULES

Schedule 57 (continued)

Single Luminaire Per Pole, no base (C)

9,500 Lumen - 100 watt 51 kWh	$46.70	(I)
22,000 Lumen - 200 watt 86 kWh	$43.42	(I)
50,000 Lumen - 400 watt167 kWh	$54.32	(I)

Each Additional Luminaire Per Pole

9,500 Lumen - 100 watt 51 kWh	$22.38	(I)
22,000 Lumen - 200 watt 86 kWh	$25.69	(I)
50,000 Lumen - 400 watt167 kWh	$30.04	(I)

Metal Halide - Rectangular Luminaire (Shoe Box) 30' Mounting Height (C) (C)

Single Luminaire Per Pole, no base

36,000 Lumen - 400 watt157 kWh	$55.34	(I)

(C)

Each Additional Luminaire Per Pole (C)

(C)

36,000 Lumen - 400 watt157 kWh	$33.04	(I)

(C)

[2] With base includes the installation of a non-concrete power installed foundation where soil conditions warrant its application.

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RATE SCHEDULES

Schedule 57 (continued)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

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Municipal Billing¶
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The above net rates apply if the current bill is paid in full within thir (30) days of the date of such bill and if all previous undisputed bills h been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within thirty (30) days of the date of the bill.¶
¶
Non-Municipal Billing¶
¶
The above net rates apply if the current bill is paid in full within 15 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 15 days of the date of the bill. The due date of outdoor lightin billed as a line item on a power bill is the same date as the power bill.'
¶
Note: The rating of lamps in lumens is for identification purposes o and shall approximate the manufacturer's standard rating. All luminai are lighted from dusk to dawn aggregating approximately 4,200 hours per year.¶

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RATE SCHEDULES

Schedule 57 (continued)

Customer Responsibilities

Customer shall provide to Company free of cost and with free access, a satisfactory right-of-way and location for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for luminaires to be located on public thoroughfares.

Customer shall be responsible for reporting non-operating lighting systems to the Company.

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost the remaining value of the system.

Municipal Installations

Company will provide bridge lighting when Customer installs and maintains luminaire supports and conduit for the supply line. Company shall furnish and maintain luminaire and conductors and will provide energy and lamp replacements.

Municipal Customer shall furnish Company a certified map, showing the location and size of each luminaire included in the initial installation provided for in the agreement. Company shall install said luminaires as designated. Upon prior arrangement, Company will prepare a map for Customer approval for an additional cost.

SPECIAL SYSTEMS

General

Company will provide non-standard underground, ornamental and other special lighting systems when the additional installed cost in excess of the estimated cost of a standard lighting system for the same application is paid by Customer. In this case, Customer shall pay the standard service rate. Company shall take title to the special system and shall operate and maintain the facilities. Customer shall be responsible for all damages to or loss of special lighting system unless due to the negligence of the Company

(C) Change

RATE SCHEDULES

SCHEDULE 58
OUTDOOR LIGHTING
MAINTENANCE AND UNMETERED SERVICE

AVAILABILITY

(C)

Available for high-pressure sodium, mercury vapor and metal halide lighting being served prior to February 13, 2009.

MONTHLY RATE

DISTRIBUTION CHARGES

Installed On Customer Owned Pole

High Pressure Sodium Vapor

9,500 Lumen - 100 Watt 51 kWh	$4.72	(I)
22,000 Lumen - 200 Watt 86 kWh	$7.81	(I)
50,000 Lumen - 400 Watt167 kWh	$12.73	(I)

Mercury Vapor

8,150 Lumen - 175 Watt 74 kWh	$5.31	(I)
11,500 Lumen - 250 Watt103 kWh	$8.51	(I)
21,500 Lumen - 400 Watt162 kWh	$9.06	(I)
60,000 Lumen -1000 Watt386 kWh	$16.66	(I)

Metal Halide

11,600 Lumen - 175 Watt 74 kWh	$7.39	(I)
15,000 Lumen - 250 Watt103 kWh	$8.12	(I)
36,000 Lumen - 400 Watt157 kWh	$8.65	(I)
90,000 Lumen -1000 Watt379 kWh	$15.87	(I)

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RATE SCHEDULES

Schedule 58 (continued)

(C)

DISTRIBUTION CHARGES

Installed On Company's Distribution System

High Pressure Sodium Vapor

9,500 Lumen - 100 Watt 51 kWh	$6.27	(I)
22,000 Lumen - 200 Watt 86 kWh	$9.38	(I)
50,000 Lumen - 400 Watt167 kWh	$14.30	(I)

(C)

Metal Halide

11,600 Lumen - 175 Watt 74 kWh	$8.64	(I)
15,000 Lumen - 250 Watt103 kWh	$9.63	(I)
36,000 Lumen - 400 Watt157 kWh	$10.21	(I)
90,000 Lumen -1000 Watt379 kWh	$17.42	(I)

(C)

Note: The rating of the lamps in lumens is for identification and shall approximate the manufacturer's standard rating

(I) Increase
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Issued: April 28, 2016

Effective: June 27, 2016

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1,000 Lumen - 100 Watt 37 kWh $6.35¶
2,500 Lumen - 200 Watt 71 kWh $7.27¶
4,000 Lumen - 325 Watt 115 kWh $8.59¶
6,000 Lumen - 450 Watt 158 kWh $9.85¶
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8,150 Lumen -
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21,500 Lumen - 400 Watt 162 kWh $9.30¶
60,000 Lumen - 1000 Watt 386 kWh $15.49
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1,000 Lumen - 100 Watt 37 kWh $7.92¶
2,500 Lumen - 200 Watt 71 kWh $8.83¶
4,000 Lumen - 325 Watt 115 kWh $10.16¶
6,000 Lumen - 450 Watt 158 kWh $11.41
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Schedule 58 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H, the Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

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The above net rates apply if the current bill is paid in full within 30 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 30 days of the date of the bill.¶
¶
Non-Municipal Billing¶
¶
The above net rates apply if the current bill is paid in full within 15 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in fi within 15 days of the date of the bill.¶
¶
The due date of outdoor lighting billed as a line item on a power bill the same date as the power bill.

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RATE SCHEDULES

SCHEDULE 59
OUTDOOR LIGHTING
EQUIPMENT AND MAINTENANCE SERVICE

AVAILABILITY

Available for roadway and other outdoor lighting being served prior to February 13, 2009 where energy is supplied by Customer's metered service and contracted for by a Customer for lighting accessible areas.

MONTHLY RATE

DISTRIBUTION CHARGES

OVERHEAD SERVICE Installation on Existing Pole

Nominal Lamp Size

Mercury Vapor - Horizontal Luminaire (Cobra Head)

8,150 Lumen - 175 watt 74 kWh..... $10.80 (I)

High Pressure Sodium - Horizontal Luminaire (Cobra Head)

9,500 Lumen - 100 watt 51 kWh..... $11.90 (I)
22,000 Lumen - 200 watt 86 kWh..... $15.53 (I)
50,000 Lumen - 400 watt167 kWh ..... $18.40 (I)

Metal Halide - Horizontal Luminaire (Cobra Head)

36,000 Lumen - 400 watt 157 kWh $17.72 (I)
(C)

High Pressure Sodium Floodlight

22,000 Lumen - 200 watt 86 kWh..... $16.23 (I)
50,000 Lumen - 400 watt167 kWh ..... $18.61 (I)

(I) Increase
(C) Change

Issued: April 28, 2016

Effective: June 27, 2016

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RATE SCHEDULES

Schedule 59 (continued)

Metal Halide Floodlight

36,000 Lumen - 400 watt157 kWh	$17.73	(I)
90,000 Lumen - 1000 watt379 kWh	$27.86	(I)

DISTRIBUTION CHARGES

UNDERGROUND SERVICE

High Pressure Sodium - Colonial Post Top Luminaire 14' Mounting Height

9,500 Lumen - 100 watt 51 kWh	$21.61	(I)

Metal Halide - Colonial Post Top Luminaire 14' Mounting Height

11,600 Lumen - 175 watt 74 kWh	$24.91	(I)

(C)

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¶
9,500 Lumen - 100 watt 51 kWh $38.70¶
22,000 Lumen - 200 watt 86 kWh $39.68¶
50,000 Lumen - 400 watt 167 kWh $40.44
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¶
9,500 Lumen - 100 watt 51 kWh $11.96¶
22,000 Lumen - 200 watt 86 kWh $12.96¶
50,000 Lumen - 400 watt 167 kWh $15.35
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Schedule 59 (continued)

Metal Halide - Horizontal Luminaire (Cobra Head) 30' Mounting Height (C)

Single Luminaire Per Pole

90,000 Lumen -1,000 watt379 kWh..... $52.79 ..... (I)

(C)

DISTRIBUTION CHARGES
High Pressure Sodium - Rectangular Luminaire (Shoe Box) 30' Mounting Height

(C)

Single Luminaire Per Pole, no base

9,500 Lumen - 100 watt 51 kWh..... $44.57 ..... (I)

(C)

(C)

(I) Increase
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36,000 Lumen - 400 watt 157 kWh $17.83¶
90,000 Lumen - 1,000 watt 379 kWh $28.01
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9,500 Lumen -
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22,000 Lumen - 200 watt 86 kWh $52.47¶
50,000 Lumen - 400 watt 167 kWh $55.00
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50,000 Lumen - 400 watt 167 kWh $44.04
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9,500 Lumen -
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22,000 Lumen - 200 watt 86 kWh $19.89¶
50,000 Lumen - 400 watt 167 kWh $22.41
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RATE SCHEDULES

Schedule 59 (continued)

Metal Halide - Rectangular Luminaire (Shoe Box) 30' Mounting Height

(C)

Single Luminaire Per Pole, no base

36,000 Lumen - 400 watt157 kWh $41.78

(C)

Note: The rating of lamps in lumens is for identification purposes only and shall approximate the manufacturer's standard rating.

(C) Change

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¶
36,000 Lumen - 400 watt 157 kWh $53.97¶

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¶

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RATE SCHEDULES

Schedule 59 (continued)

(C)

TERMS

Short Term

Short Term Service having an initial term of thirty (30) days is available if the Customer makes an initial payment of the cost of installation, and removal of the luminaire and bracket in addition to any other payments required under "CONDITIONS" below. This initial payment shall be refundable, with interest, if the lighting system remains in service for five years. After the initial term, the Agreement shall remain in effect until canceled by either party with not less than thirty (30) days prior written notice of cancellation.

Long Term

Long Term Service having an initial term of ten (10) years is available and monthly rate as set forth in this schedule shall be reduced by fifty cents per lamp. After the initial term, the Agreement shall remain in effect until canceled by either party with not less than ninety (90) days prior written notice of cancellation. Municipal lighting service is typically provided under long term agreement for initial and supplemental installation.

(C) Change

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Municipal Billing¶
¶
The above net rates apply if the current bill is paid in full within thirty (30) days of the date of such bill and if all previous undispute bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to ma payment in full within thirty (30) days of the date of the bill.¶
¶
Non-Municipal Billing¶
¶
The above net rates apply if the current bill is paid in full within 1 days of the date of such bill and if all previous undisputed bills hav been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment i full within 15 days of the date of the bill.¶
¶
The due date of outdoor lighting billed as a line item on a power l is the same date as the power bill.¶

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RATE SCHEDULES

Schedule 59 (continued)

Company will replace burned-out lamps and otherwise maintain the equipment during regular daytime working hours as soon as practicable following notification by Customer.

Company shall furnish luminaires at additional locations in accordance with Company practices upon the written order of Customer; Company shall increase size of any luminaire in the same Rate Schedule upon written order of Customer.

Company shall change the location of any luminaire furnished under Agreement, upon written order of Customer if said change does not require the extension of lines or the erection of poles, but Company shall not be required to make more than one change in the location of any one luminaire during term Agreement is in effect.

Customer Responsibilities

Customer shall provide to Company free of cost and with free access, a satisfactory right-of-way and location for Company's facilities necessary to supply service on premises controlled by Customer. Facilities provided at Company's expense shall remain Company property.

Customer shall be responsible for selecting the lamp size and location of the luminaire which shall be in conformance with applicable safety standards and governmental regulations. Customer shall obtain appropriate approval for luminaires to be located on public thoroughfares.

Customer shall be responsible for reporting non-operating lighting systems to the Company

(C)

If the customer requests the Company to remove the present high pressure sodium vapor street light system to in LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.

Municipal Installations

Municipal Customer shall furnish Company a certified map, showing the location and size of each luminaire included in the initial installation provided for in the agreement. Company shall install said luminaire as designated. Upon prior arrangement, Company will prepare a map for Customers approval for an additional cost.

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RATE SCHEDULES

SCHEDULE 71
MERCURY VAPOR STREET AND HIGHWAY LIGHTING SERVICE

AVAILABILITY

Available only to present Customers for installations now being served prior to August 26, 1978. This Schedule applies to lighting service sold for the lighting of public streets, public highways, and other public outdoor areas in municipalities, governmental units, and unincorporated communities where such service can be supplied from the existing general distribution system.

This Schedule is also applicable within private property which is open to the general public such as private walkways, streets, and roads when the property and buildings are under common ownership and when supply from the Company's distribution system is directly available and when lighting service is contracted for by the owner thereof.

MONTHLY RATE

DISTRIBUTION CHARGES

Underground Supply Metal Pole

Nominal Lamp Size			
Low Mounting			
100 Watts	4,000 45 kWh	$12.89	(I)
175 Watts	8,150 74 kWh	$15.47	(I)
			(C)

All lamps are lighted from dusk to dawn every night or for approximately 4,200 hours per annum

(C) Change
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¶
RIDERS¶
¶
Bills rendered under this schedule are subject to the following applicable Rider Charges:¶
¶
Rider A – Tax Adjustment Surcharge¶
Rider F – Phase II Energy Efficiency and Conservation Charge¶
Rider J – Default Service Support Charge¶
¶
DEFAULT SERVICE CHARGES¶
¶
For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.¶
¶
Late Payment Charge (C)¶
¶
The above net rates apply if the current bill is paid in full within 15 days (30 days for governmental accounts) of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in full within 15 days (30 days for governmental accounts) of the date of the bill.¶
¶
GENERAL¶
¶
Compensating for Transmission and Distribution Losses.¶
¶
Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system. ¶
¶
Service supplied is subject to the Rules and Regulations Covering the Supply of Electric Service of the Company as filed with the Commission.¶
¶
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¶
400 Watts 21,500 162 kWh $30.80
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RATE SCHEDULES

Schedule 71 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

(C)

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

Service supplied is subject to the Rules and Regulations Covering the Supply of Electric Service of the Company as filed with the Commission.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

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RATE SCHEDULES

SCHEDULE 72
LED STREET LIGHTING SERVICE

AVAILABILITY:

This Service is applicable to Company owned overhead or underground Light Emitting Diode (LED) street lighting service to municipal, local, state and federal governmental bodies, community associations and to public authorities for lighting of streets, highways, parks and similar places for the safety and convenience of the public.

(C)

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A minimum installation of 12 LED lights per customer per individual order is required when replacing existing lighting. This restriction does not apply to new installation.

GENERAL MONTHLY CHARGES:

Demand and Energy Charges for common lamp sizes:

Charges Per Month Per Light:

Cobra Head

Nominal Watts	Monthly kWh	Distribution	
50	18	$10.18	(I)
90	32	$11.84	(I)
130	46	$12.59	(I)
260	91	$19.52	(I)

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Colonial

Nominal Watts	Monthly kWh	Distribution	
50	18	$15.10	(I)
90	32	$16.62	(I)

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Acorn

Nominal Watts	Monthly kWh	Distribution	
50	18	$17.65	(I)
90	32	$18.66	(I)

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WEST PENN POWER COMPANY

Electric Pa. P.U.C. No. 40 (Supp. 15)
Second Revised Page 185
Superseding First Revised Page 185

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RIDERS

RIDER J
DEFAULT SERVICE SUPPORT RIDER

A Default Service Support ("DSS") Rate shall be applied to DSS Sales delivered by the Company to Delivery Service Customers under this rider as determined to the nearest one-thousandth of a cent per kWh or dollar per kW NSPL, as applicable. The DSS Rate shall be billed to Customers receiving Delivery Service from the Company under this rider. The DSS Rates shall be calculated according to the provisions of this rider. The DSS Rider shall be non-bypassable.

For service rendered during the DSS Initial Computational Period and thereafter, the DSS Computational Year, the DSS rates billed by Rate Schedule are as follows:

Rate Schedule	**DSS Rates**	
Rate Schedule 10	0.339cents/kWh (I)	Deleted: 272
Rate Schedule 20 (Special Provision)	0.339 cents/kWh (I)	Deleted: 272
Rate Schedule 20	0.118 cents/kWh (I)	Deleted: 112
Rate Schedule 30	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 51	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 52	0.150cents/kWh (I)	Deleted: 143
Rate Schedule 53	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 54	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 55	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 56	0.150cents/kWh (I)	Deleted: 143
Rate Schedule 57	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 58	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 71	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 72	0.150 cents/kWh (I)	Deleted: 143
Rate Schedule 35	$0.595 per KW NSPL	Deleted: (I)
Rate Schedule 40	$0.595 per KW NSPL	Deleted: (I)
Rate Schedule 44	$0.595 per KW NSPL	Deleted: (I)
Rate Schedule 46	$0.595 per KW NSPL	Deleted: (I)

(I) Increase

Issued: April 28, 2016

Effective: June 27, 2016

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RIDERS

Rider J (continued)

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The DSS Rates by Rate Schedule shall be calculated annually in accordance with the formula set forth below:

DSS rate = [UE+NMB + RE + CEC] X [1 / (1-T)]

The components of the formula are defined below:

Default Service Related Uncollectibles

UE = A default service-related unbundled uncollectible accounts expense charge, determined by Customer Class and stated to the nearest one-thousandth of a cent per kWh to be applied to DSS Sales delivered by the Company to residential and commercial Delivery Service Customers under this rider. The UE reflects the default service-related portion of the uncollectible account expense based on revenues in the Company's 2014 distribution base rate case and the additional uncollectible accounts expense incurred by the Company as a result of providing Default Service under this tariff. This component of the DSS rate in this non-bypassable rider is non-reconcilable.

The unbundled uncollectible accounts expense associated with Default Service and a purchase of receivables program allocated to Delivery Service Customers on a non-bypassable, non-reconcilable basis will be Customer Class specific and will be adjusted annually on June 1 of each year based on the projected price of Default Service. Adjustments, if necessary, will be made to the uncollectible percentage in a future distribution base rate case or the start of the next Default Service Program, whichever occurs earlier

The UE charges by Customer Class to be included in DSS rates are as follows:

Commercial Customer Class:

0.010 cents per kWh (I)

Residential Customer Class:

0.153 cents per kWh (I)

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WEST PENN POWER COMPANY

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RIDERS

RIDER L
PARTIAL SERVICES RIDER

AVAILABILITY/APPLICABILITY:

This Rider applies to general service customers having on-site non-synchronous generation equipment or synchronous equipment that does not qualify for Net Metering Rider capable of supplying a portion of their power requirements for other than emergency purposes. Electricity sold under this Rider may not be resold; nor may it be used to operate the auxiliary loads of the generating facilities while those facilities are generating electricity for sale.

In addition to the charges included in the apple rate schedule, all of the following general monthly charges are applicable to Delivery Service Customer. (G)

GENERAL MONTHLY CHARGES:

Eighty-Six Dollars and Forty-Three Cents ($86.43)/per month, plus the charges listed below, depending upon the voltage at which the Customer is being served and the services (i.e., Backup Demand and/or Maintenance Demand) selected by the Customer:

Distribution Charge	**Backup Demand** (Dollars/KW)	**Maintenance Demand** (Dollars/KW)	
Secondary Voltage	$3.07	$2.45	(I)
Primary Voltage	$0.56	$0.44	(I)
Transmission Voltage	$0.11	$0.09	(I)

(I) Increase
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Issued: April 28, 2016

Effective: June 27, 2016

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GENERAL RULES AND REGULATIONS

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Definition of Terms (continued)

Delivery Service Customer – A Customer who takes Delivery Service.

Demand – The rate of use of electric energy during a specified time interval, expressed in kilowatts and reactive kilovolt-amperes.

Developer – The person or entity responsible for constructing and providing improvements in a Development, including, but not limited to, streets, sidewalks and utility-ready lots.

Development – A planned project which is developed by a Developer for electric service set out in a recorded plot plan of five (5) or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, mobile homes, or one (1) or more five-unit apartment houses, all of which are intended for year-round occupancy, if electric service to such lots necessitates extending the Company's existing Distribution Lines.

Direct Labor Costs – The pay and expenses of Company employees directly attributable to work performed, excluding construction overheads or payroll taxes, workmen's compensation expenses or similar expenses.

Direct Material Costs – The purchase price of materials used, excluding related stores (i.e. warehousing) expenses. In computing Direct Material Costs, proper allowance shall be made for unused materials recovered from temporary structures, and for discounts allowed and realized in the purchase of materials. (C)

Discontinuance of Service – The removal of a customer's meter and/or service wires or the de-energizing of a meter and cessation of service with the consent of the customer.

Distribution Charge – A charge designed to recover the costs the Company incurs in using its distribution system or local wires to deliver electricity to a Customer.

Distribution Line – An electric supply line and related equipment of up to 100,000 voltage from which energy is delivered to one (1) or more Service Lines.

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RATE SCHEDULES

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11,600 Lumen - 175 watt 74 kWh..... $46.61

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11,600 Lumen - 175 watt74 kWh
$27.57

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Schedule 71 (continued)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F – Phase II Energy Efficiency and Conservation Charge
Rider J – Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider H - Price To Compare Default Service Rate Rider, Commercial Customer Class rate applies.

Late Payment Charge (C)

RATE SCHEDULES

The above net rates apply if the current bill is paid in full within 15 days (30 days for governmental accounts) of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 1.25% per month of the unpaid balance of a bill will be made for failure to make payment in full within 15 days (30 days for governmental accounts) of the date of the bill.

GENERAL

Compensating for Transmission and Distribution Losses.

Multiplying Customers' calculated on peak lighting energy by 1.09333 and calculated off-peak lighting energy by 1.04808 produces the generation energy that must be delivered to the West Penn system.

Service supplied is subject to the Rules and Regulations Covering the Supply of Electric Service of the Company as filed with the Commission.

The rating of lamps in lumens is for identification and shall approximate the manufacturer's standard rating.

(C) Change

Section Break (Next Page)

RATE SCHEDULES

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WEST PENN POWER COMPANY

EXHIBIT NO. 2

Supplement No. 10 to
Tariff Electric – Pa. P.U.C. No. 38

Supplement No. 10
Electric-Pa. P. U. C. No. 38

WEST PENN POWER COMPANY

RATES, TERMS, AND CONDITIONS

GOVERNING

INTERCHANGE OF ELECTRIC ENERGY

WITH

THE PENNSYLVANIA STATE UNIVERSITY

Issued: April 28, 2016 **Effective: June 27, 2016**

By: Steven E. Strah, President
Reading, Pennsylvania

NOTICE

Supplement No. 10 makes changes to Definitions, Rules and Regulations, Rate Schedules and Riders .
See Tenth Revised Page No. 2.

LIST OF MODIFICATIONS

Definitions

Definitions of Customer Choice and Competition Act, Industrial Customer Class, Kilovolt-ampere language has changed (See First Revised Pages 4 and 5).

Rules and Regulations

Format Changes (See First Revised Page 7 and Page 8).

Rule 6 – Changing Electric Generation Supplier language has been changed (See First Revised Page 10).

Rate Schedule

Rate Schedule rates have been increased (See First Revised Pages 11 and 12).

Riders

Rider F – Phase II Energy Efficiency and Conservation Charge Rider - Language has been changed (See Second Revised Page 16).

Rider G – Smart Meter Technologies Surcharge – Language has been changed (See First Revised Page 20).

Format Changes (See First Revised Page 20, 21, 27 and 28, Second Revised Page 24, 25, 26 and Original Page 21A and 27A).

Rider I – Hourly Pricing Default Service Rider - Language has been changed (See Second Revised Page No. 22).

DEFINITIONS

Certain words, when used in the Rules and Regulations, and Agreements of West Penn Power Company, shall have the following meanings:

"Advanced Metering": A Customer's billing meter as defined in 52 Pa. Code Chapter 57, Subchapter O. Advanced Meter Deployment.

"Alternative Energy Portfolio Standards (AEPS)": Standards requiring that a certain amount of electric energy sold from alternative energy sources be included as part of the sources of electric utilities within the Commonwealth of Pennsylvania in accordance with the Alternative Energy Portfolio Standards Act, 73 P.S. §§ 1648.1 – 1648.8 ("AEPS Act") as may be amended from time to time.

"Billing Demand": The demand determinant used to compute the monthly bill.

"Commission": The Pennsylvania Public Utility Commission or any lawful successor thereto.

"Company": West Penn Power Company.

"Company Charges": The sum of distribution charges, non-bypassable surcharges and riders, and, if Default Service is taken from Company, Default Service charges.

"Competitive Energy Supply": The unbundled energy, capacity, market based transmission and ancillary services provided by an Electric Generation Supplier pursuant to the Customer Choice and Competition Act.

"Customer": The Pennsylvania State University. (C)

"Customer Choice and Competition Act": The Pennsylvania legislation known as the "Electricity Generation Customer Choice and Competition Act," 66 Pa. Code S. §§ 2801-2813 as implemented by the Default Service Regulations 52 Pa. Code S. §§52.181-52.189, and by Act 129 and as may be amended from time to time.

"Default Service": Service provided pursuant to a Default Service Program to a Default Service Customer.

"Default Service Customer": A Delivery Service Customer not receiving service from an EGS.

"Delivery Service": Provision of distribution of electric energy and other services provided by the Company.

"Delivery Service Customer": A Customer who takes Delivery Service.

"Direct Access": Direct Access shall have the meaning as set forth in the Customer Choice and Competition Act.

"Electric Generation Supplier (EGS)": EGS shall have the meaning as set forth in the Customer Choice and Competition Act.

(C) Change

DEFINITIONS (continued)

"FERC": The Federal Energy Regulatory Commission

(C)

"Industrial Customer Class": Tariff No. 38 and Tariff No. 40 Rate Schedules 35, 40, 44 and 46.

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"Kilovolt-ampere (KVA)": 1,000 volt-amperes

"Measured Demand": The measured demand for any month shall be the average of the weekly demands established during the calendar weeks ending within the billing month.

"Network Service Peak Load (kW NSPL)" – A Customer's one (1) coincident peak kW Network Service Peak Load in effect from time to time, as calculated by the Company in accordance with PJM rules and requirements.

"Non-Market Based Services Transmission Charge": PJM Regional Transmission Enhancement Plan charges, PJM Expansion Cost Recovery, as well as any other FERC-approved PJM transmission charges that will not be reconciled through the Company's Hourly Pricing Default Service Rider.

"Pennsylvania Gross Receipts Tax": References to the Pennsylvania gross receipts tax or Pennsylvania gross receipts tax rate, or provisions that incorporate the same shall include the Revenue Neutral Reconciliation enacted by the Customer Choice and Competition Act.

"PJM": PJM Interconnection, L.L.C. or any successor organization/entity thereto.

"Revenue": Revenue when used with guarantee, guarantee of Revenue, Revenue guarantee or financing means the Revenue derived only from the Variable Distribution Charge or Distribution Charges that vary with billing determinants.

"Service": Any regulated supply of electricity by the Company, or provision to supply electricity, or any work or material furnished, or any obligation performed by the Company under its Rules and Regulations or Rate Schedules. Regulated charges for Service are published in this Tariff, including Distribution Charges, Default Service charges, surcharges, and riders. Charges for Service exclude Default Service charges when Customer receives Competitive Energy Supply.

"Week": A seven day period commencing on Sunday at 0000 through Saturday 2400 midnight.

"Weekly Demand": The maximum simultaneous fifteen-minute kilovolt-ampere demand but not less than 50 percent of the highest weekly demand of the month.

(C) Change

RULES AND REGULATIONS (continued)

The Company shall implement Customer selection of an EGS consistent with applicable rules of the Commission and shall have no liability to Customer receiving Competitive Energy Supply arising out of or related to switching EGSs, unless the Company is negligent in switching or failing to switch Customer.

The Company shall have no duty or liability with respect to electrical energy before it is delivered by an EGS to a point of delivery on the Company's electric distribution system. After its receipt of electric energy and capacity at the point of delivery, the Company shall have the same duty and liability for distribution service to Customers receiving Competitive Energy Supply as to those receiving Default Service from the Company.

The Customer, by accepting service from the Company, assumes responsibility for the safety and adequacy of the wiring and equipment installed by the Customer. The Customer agrees to indemnify and save harmless the Company from any liability which may arise as a result of the presence or use of the Company's electric service or property, defects in wiring or devices on the Customer's premises, or the Customer's failure to comply with the National Electrical Code.

The Company does not guarantee a continuous, uninterrupted, or regular supply of electric service. The Company may, without liability, interrupt or limit the supply of electric service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company shall not be liable for any damages due to accident, strike, storm, lightning, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control.

In all other circumstances, unless caused by the willful and/or wanton misconduct of the Company, the liability of the Company to Customers or third parties for all injuries and damages, direct or consequential, including damage to computers and other electronic equipment and appliances, or loss of business, profit or production caused by variations or interruptions in electric supply, high or low voltage, spikes, surges, single phasing, phase failure or reversal, stray voltage, neutral to earth voltage, equipment failure or malfunction, response time to electric outages or emergencies, or the non-functioning or malfunctioning of street lights or traffic control signals and devices shall be limited to Five Hundred Dollars ($500) for residential customers and Two Thousand Dollars ($2,000) for commercial and industrial customers. In no case shall the Company's aggregate liability for multiple claims arising from a single alleged negligent act, incident, event, or omission exceed Two Hundred Thousand ($200,000). The Company's actions that are in conformance with electric system design, the National Electrical Safety Code, or electric industry operation practices shall be conclusively deemed not to be negligent. A variety of

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(C) Change

RULES AND REGULATIONS (continued)

(C)

protective devices and alternate power supply equipment that may prevent or limit such damages are available. Due to the sensitive nature of computers and other electronically controlled equipment, the Customer, especially three-phase Customers, should provide protection against variations in supply.

To the extent applicable under the Uniform Commercial Code or on any theory of contract or products liability, the Company disclaims and shall not be liable to any Customer or third party for any claims involving and including, but not limited to, strict products liability, breach of contract, and breach of actual or implied warranties of merchantability or fitness for an intended purpose.

If the Company becomes liable under Section 2806(g) or 2809(c) of the Public Utility Code, 66 Pa.C.S. §§ 2806(g) and 2809(f), for Pennsylvania state taxes not paid by an Electric Generation Supplier (EGS), the non-compliant EGS shall indemnify the Company for the amount of additional state tax liability imposed upon the Company by the Pennsylvania Department of Revenue due to the failure of the EGS to pay or remit to the Commonwealth the tax imposed on its gross receipts under Section 1101 of the Tax Report Code of 1971 or Chapter 28 of Title 66.

2. Metering

(a) The Company owns, maintains, installs and operates all meters and metering equipment necessary to obtain the information required to bill Customer. The Company may select and use any type of meters and metering equipment, provided it meets the accuracy requirements of the Public Utility Commission.

If requested by the Customer, the Company will install a communicating point-to-point ("PTP") smart meter at the Customer's metered service location prior to the Company's system-wide deployment of smart meters. Prior to installation, the Customer shall pay $457.82 for a three phase PTP smart meter. Costs for Customer requests for a PTP smart meter at service locations without a functional public cellular network will be determined on a case by case basis and must be paid by the Customer prior to the commencement of Company work. Costs are charged individually for each metering point at each service location, and include the estimated incremental costs associated with a PTP smart meter that meets the requirements of direct access, a communication cellular card, and connection fees. The Customer shall pay $30.00 for requests to remove a PTP smart meter prior to the Company's system-wide deployment of smart meters. All other costs and cost reconciliations associated with Customer requests for a PTP smart meter shall be collected from the associated customer class in the Smart Meter Technologies Surcharge. The Customer is responsible for any repairs to Customer-owned equipment, such as meter socket repairs, prior to the installation of a PTP smart meter. The Company shall maintain ownership of all PTP smart meters.

(b) An advanced meter may be installed, maintained, and removed according to provisions in Appendix C of the Joint Petition for Full Settlement of West Penn Power Company's Restructuring Plan and Related Court Proceeding at s Docket No. R-00973981.

(C) Change

RULES AND REGULATIONS (continued)

5. Individualized Company Facilities and Services:

The Company may, at its sole discretion and upon Customer's request, furnish special, substitute, or additional facilities or services. When the Company provides facilities or services not normally supplied, or when the estimated or actual cost of such individualized, substitute, or additional facilities or services exceeds the estimated costs of the standard facilities or services that normally would be supplied by the Company without special charge, the Company may require special agreements and may establish minimum charges and facilities charges. At a minimum, rates or contract provisions shall be established on a case by case basis and shall be sufficient to recover all appropriate incremental costs of the service and a contribution to fixed costs.

The Company may modify or discontinue the provisions of this rule at any time, subject to any orders of the Pennsylvania Public Utility Commission. Unless otherwise ordered by the Pennsylvania Public Utility Commission, any contracts in effect prior to any such modification or discontinuance of the rule shall remain in effect under the existing term and conditions specified in the contract.

6. Changing Electric Generation Supplier

(C)

The Company shall change a Customer's EGS in accordance with the regulations and directives. Changes in a Customer's EGS shall be effective within three (3) business days after the enrollment request is processed, regardless of whether the meter reading is actual or estimated.

7. Payment Processing

When Customer requests that Company provide billing service for Competitive Energy Supply, Company shall provide such service, indicating the charges for the EGS on Customer's monthly bill. Should payments made in response to said billing be less than the full amount billed, payment will be first credited against Company charges until paid in full. The balance will then be credited to the EGS.

(C) Change

RATE SCHEDULE

AVAILABILITY

Available for service at 12,470 volts from Company substations.

DISTRIBUTION CHARGES

CUSTOMER CHARGE	$812.36 per month	(I)

DEMAND CHARGE

First 10,000 kilovolt-amperes	$2.69 per kilovolt-ampere	(I)
Additional kilovolt-amperes	$2.57 per kilovolt-ampere	(I)

RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F -- Phase II Energy Efficiency and Conservation Charge
Rider G -- Smart Meter Technologies Charge
Rider J -- Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I the Hourly Pricing Default Service Rider rates apply.

(I) Increase

RATE SCHEDULE (continued)

LATE PAYMENT CHARGE

(C)

The above net rates apply if the current bill is paid in full within 15 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 2.0% per month of the unpaid balance of a bill will be made for failure to make payment in full by the due date. These charges are to be calculated on the overdue portions of the bill only. Such interest rate, when annualized, shall not exceed 15% simple interest per annum.

DETERMINATION OF CUSTOMER'S BILLING DEMAND

The Measured Demand for any month shall be the average of the weekly demands established during the calendar weeks ending within the billing month. The Weekly Demand shall be the maximum simultaneous fifteen-minute kilovolt-ampere demand but not less than 50 percent of the highest weekly demand of the month. The Billing Demand in the current month shall be the greatest of: (i) twenty-five (25) KW, (ii) the Measured Demand established in the month during On-peak hours, (iii) forty percent (40%) of the Measured Demand established in the month during Off-peak hours, (iv) 18,000 kW, or (v) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months.

Measured Demand shall be determined from the synchronous aggregation of the substation meters with adjustments made to eliminate double counting of peak load when load is moved among substations causing a peak.

(C) Change

RIDERS

RIDER F
PHASE II ENERGY EFFICIENCY AND CONSERVATION CHARGE RIDER

A Phase II Energy Efficiency and Conservation Charge ("Phase II EE&C-C") shall be applied to each Billing Unit during a billing month to Customers served under this Tariff. Billing Units are defined as follows:

Industrial Customer Class rates will be calculated to the nearest one-hundredth of a dollar per kW PLC. The Phase II EE&C-C rates shall be calculated separately for each Customer Class according to the provisions of this rider. The Phase II EE&C-C shall be listed as a separate charge on the monthly bill.

For service rendered June 1, 2015 through May 31, 2016 the Phase II EE&C-C rates billed by Customer Class are as follows:

(C)

Industrial Customer Class (Tariff No. 40 Rate Schedule 35, 40, 44, 46 and Tariff No. 38):

$ 0.22 per kW PLC.

(C) Change

RIDERS

RIDER G
SMART METER TECHNOLOGIES SURCHARGE

A Smart Meter Technologies ("SMT") Surcharge shall be applied as a monthly Customer charge during each billing month to metered Customers served under this Tariff determined to the nearest cent. The SMT Surcharge rate shall be calculated separately for each Customer Class according to the provisions of this Surcharge Tariff. The SMT-C shall be included in the distribution charges of the monthly bill.

(C)

For service rendered June 27, 2016 the SMT Surcharge rate billed by Customer Class is as follows:

(C)

Industrial Customer Class (Tariff No. 40 Rate Schedules 35, 40, 44, 46, and Tariff No. 38)

$0.00 per month

The SMT Surcharge rate by Customer Class shall be calculated in accordance with the formula set forth below:

$$SMT = [((SMT_C - E) / CCBD) / 12] \text{ X } [1 / (1 - T)]$$

$$SMT_C = SMT_{Exp1} + SMT_{Exp2}$$

Where:

SMT = The monthly surcharge by Customer Class as defined by this Surcharge Tariff applied to each Customer billed under this Tariff.

SMT_C = The Smart Meter Technologies costs by Customer Class projected to be incurred by the Company for the SMT Computational Year calculated in accordance with the formula shown above.

SMT_{Exp1} = A projection of costs to be incurred associated with the Customer Class specific Smart Meter Technology Procurement and Installation Plan ("Plan") as approved by the Commission for the SMT Computation Year by Customer Class including carrying charges on capital costs, depreciation expense, accumulated deferred income taxes, allowance for funds used during construction, and operational and maintenance expenses. These costs would also include an allocated portion of any projected indirect costs to be incurred benefiting all Customer Classes of the Company's Plan for the SMT Computational Year. Any reduction in operating expenses or avoided capital expenditures due to the Smart Metering Program will be deducted from the incremental costs of the Smart Meter Program to derive the net incremental cost of the Program that is recoverable. Such reductions shall include any reductions in the Company's current meter and meter reading costs.

(C)

(C) Change

RIDERS

Rider G (continued)

(C)

SMT_{Exp2} = A Customer Class allocated portion of $45.1 million of expenditures between 2009 and 2010 in support of the development of a smart meter deployment plan. The $45.1 million will be recovered via a levelized basis over a 5.5-year period beginning with the SMT Surcharge start date, and will not include interest on over-collections or under-collections. A Customer Class allocation of $5.712 million of interest charges will be added, and will be amortized for recovery over a 5.5-year period coincident with the recovery of the $45.1 million.

E = The over or under-collection of SMT costs by Customer Class that results from the billing of the SMT Surcharge rates during the SMT Reconciliation Year (an over-collection is denoted by a positive E and an under-collection by a negative E), including applicable interest for SMT_{Exp1} costs. Interest shall be computed monthly at the legal rate determined pursuant to 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded or the under-collection is recovered from Customers in the specific Customer Class. Any reduction in operating expenses or avoided capital expenditures due to the Smart Metering Program will be deducted from the incremental costs of the Smart Meter Program to derive the net incremental cost of the Program that is reconciled to the billed SMT Surcharge rates during the SMT Reconciliation Year. Such reductions shall include any reductions in the Company's current meter and meter reading costs.

CCBD = The Company's projected Customer Class Billing Determinants for the specific Customer Class for the SMT Computational Year. Billing Determinants shall be the average Customer Class count for the Industrial Class.

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

All capitalized terms not otherwise defined in this Surcharge Tariff shall have the definitions specified in the Definitions section of this Tariff. For the purpose of this Surcharge Tariff, the following additional definitions shall apply:

1. SMT Computational Year – The 12-month period from January 1 through the following December 31 with the exception of the initial SMT Computational Year that will be the 4-month period from September 1, 2011 through December 31, 2011.
2. SMT Reconciliation Year – The 12-month period ending June 30 immediately preceding the SMT Computational Year.

(C)

(C) Change

RIDERS

Rider G (continued)

(C)

The initial SMT Surcharge rates pursuant to this Surcharge Tariff shall be effective September 1, 2011 through December 31, 2011. Subsequent SMT Surcharge rates shall be filed with the Commission by August 1 of each year beginning August 1, 2012, and the SMT Surcharge rates shall become effective the following January 1, unless otherwise ordered by the Commission, and shall remain in effect for a period of one year, unless revised on an interim basis subject to the approval of the Commission. Upon determination that the SMT Surcharge rates, if left unchanged, would result in material over or under-collection of all recoverable costs incurred or expected to be incurred during the then-current SMT Computational Year, the Company may request that the Commission approve one or more interim revisions to the SMT Surcharge rates to become effective thirty (30) days from the date of filing, unless otherwise ordered by the Commission.

The Company shall file an annual report of collections under this Surcharge Tariff within thirty (30) days following the conclusion of each SMT Reconciliation Year.

At the conclusion of the duration of this reconciliation Surcharge Tariff, the Company is authorized to recover or refund any remaining amounts not reconciled at that time under such mechanism as approved by the Commission.

Application of the SMT Surcharge rates shall be subject to annual review and audit by the Commission.

(C) Change

RIDERS

RIDER I
HOURLY PRICING DEFAULT SERVICE RIDER

AVAILABILITY:

(C)

The charges billed under this rider are applicable to all Customers on Rate Schedules 35 (large), 40, 44, and 46 who elect to take Default Service from the Company. These charges are also applicable to Customers on Rate Schedules 20, and 30 (small) on a voluntary basis who meet the metering requirements of this rider. Rates shall be billed under this rider on the next scheduled meter reading date after electing Default Service.

(C)

Rate Schedules 20 and 30 Customers electing service under this rider must have smart meter technology installed as part of the Company's smart meter plan filed with and approved by the Commission.

Hourly Pricing Service Charges:

Customers participating in the Hourly Pricing Default Service Rider will be billed for usage based on the following calculation:

$$\text{Hourly Pricing Service Charges} = (HP_{\text{Energy Charge}} + HP_{\text{Cap-AEPS-Other Charge}} + HP_{\text{Administrative Charge}} + HP_{\text{Unc}} + HP_{\text{Reconciliation Charge}}) \text{ X } [1 / (1\text{-}T)]$$

HP Energy Charge per kWh:

$$HP_{\text{Energy Charge}} = \sum_{t=1}^{n} [kWh_t \text{ x } (LMP_t + HP_{\text{Oth}}) \text{ x } HP_{\text{Loss Multipliers}}]$$

Where:

n = Total number of hours in the billing period

t = An hour in the billing period

LMP = the "Real Time" PJM load-weighted average Locational Marginal Price for the APS Transmission Zone

HP_{Oth} = $0.00400 per kWh for estimate of capacity, ancillary services, NITS, AEPS compliance and other supply components.

$HP_{\text{Loss Multipliers}}$: 1.0356

(C) Change

RIDERS

Rider I (continued)

DS_{HPExp1} = An allocated portion of the incremental start-up costs incurred by the Company through May 31, 2015 in connection with the Company's Default Service Supply Plan to provide Default Service amortized over the twenty-four (24) month period ending May 31, 2017 including but not limited to:

- Incremental start-up administrative costs including metering and billing costs incurred and other costs as necessary to provide service to retail Default Service Customers
- Other start-up costs incurred to develop and implement the competitive bid process for the retail Default Service Supply Plan including legal, customer notice, and consultant fees

Interest will be calculated monthly on the average of the beginning and the end of month balances of these costs and included in the determination of the monthly amortized amount. The monthly interest rate will be based upon the 41 P.S. § 202 statutory rate.

DS_{HPExp2} = The cumulative costs to provide Hourly Pricing Default Service incurred by the Company through the end of the previous Default Service Quarter including but not limited to the following:

- Payments made to winning bidders
- Any PJM related charges other than Non-Market Based Services Transmission Charges identified in Rider J associated with the procurement of Hourly Pricing Default Service.
- Net AEPS expenses and AEPS expenses incurred by the Company related to amendments to the AEPS Act and/or related laws or regulations occurring subsequent to the effective date of the Supplier Master Agreement for the Default Service Supply Plan.
- An allocated portion of incremental administrative costs including metering and billing costs incurred and other costs as necessary to provide service to retail Default Service Customers
- All contingency plan implementation costs incurred during the supply period
- n allocated portion of other costs incurred to develop and implement the competitive bid process for retail Default Service including legal, customer notice, and consultant fees

(C)

(C) Change

Rider I (continued)

(C)

- The cost of credit when the Company is considered by PJM to be the load serving entity
- Incremental costs, including but not limited to metering costs and billing expenses, incurred by the Company to expand Rate Schedule 35 to include Customers with a Kilowatt demand greater than or equal to 400 Kilowatts.

PTC_{HPRev} = The cumulative revenues, excluding any revenues associated with the HP Uncollectibles Charge and applicable Pennsylvania gross receipts tax, through the end of the most recent Default Service Quarter billed to Hourly Pricing Default Service Customers under this rider including the applicable E_{HP} rates.

DS_{HPInt} = The cumulative amount of carrying charges calculated on a monthly basis through the end of the most recent Default Service Quarter. Interest will be calculated monthly on the average balance of: 1) the respective month's beginning balance of prior months' cumulative over or under collection of PTC_{HPRev} compared to the sum of the amortized portion of DS_{HPExp1} costs and DS_{HPExp2} costs incurred to date including cumulative interest calculated thereon through the beginning of the month; and 2) the respective month's ending balance of cumulative over or under collection of PTC_{HPRev} compared to the amortized portion of DS_{HPExp1} costs and DS_{HPExp2} costs incurred to date including cumulative interest calculated thereon through the beginning of the month. The monthly interest rate will be based upon the 41 P.S. § 202 statutory annual rate for under collections and the 41 P.S. § 202 statutory annual rate plus two percent for (over) collections.

$DS_{HPSales}$ = The Company's projected Hourly Pricing Default Service kWh sales to retail Customers for the three-month billing period that the E_{HP} rate will be in effect.

Gross Receipts Tax:

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

General:

Each change in the E_{HP} rate as well as other rates within this rider will be filed with the Commission by the later of: (a) forty-five (45) days prior to the effective date of the rate changes; or (b) seven (7) days after the last supply auction. The Company shall file details in support of the revised rates.

At the conclusion of the duration of this reconciliation rider, the Company is authorized to recover or refund any remaining amounts not reconciled at that time under such mechanism as approved by the Commission.

Application of the E_{HP} rate shall be subject to annual review and audit by the Commission.

(C) Change

RIDERS

RIDER J
DEFAULT SERVICE SUPPORT RIDER

A Default Service Support ("DSS") Rate shall be applied to DSS Sales delivered by the Company to Delivery Service Customers under this rider as determined to the nearest one-thousandth of a dollar per kW NSPL. The DSS Rate shall be billed to Customers receiving Delivery Service from the Company under this rider. The DSS Rates shall be calculated according to the provisions of this rider. The DSS Rider shall be non-bypassable.

For service rendered during the DSS Computational Year, the DSS rate billed by Customer Class as follows:

Industrial Customer Class:

$0.595 per kW NSPL

The DSS Rate shall be calculated annually in accordance with the formula set forth below:

$$DSS\ Rate = [NMB + RE + CEC] \times [1 / (1-T)]$$

The components of the formula are defined below

Non-Market Based Services Transmission Charges

$$NMB = (NMB_C - E) / S$$

Where:

NMB = The charge to be applied to Delivery Service Customers served under this rider for Non-Market Based Services Transmission Charge costs incurred by the Company.

NMB_C = Forecasted NMB costs applicable to the Company's DSS Sales. Forecasted NMB costs shall include FERC approved costs for (i) PJM Regional Transmission Expansion Plan charges; (ii) PJM Expansion Cost Recovery; (iii) PJM charges for Reliability Must Run generating unit declarations and charges associated with plants deactivated after July 24, 2014, the date of the PaPUC approval of the Company's Default Service Program at Docket No. P-2013-2391378; (iv) historical tie line, generation, and retail customer meter adjustments; (v) Unaccounted for Energy; and (vi) any other FERC-approved PJM transmission charges billed to the Company by PJM that will not be reconciled through the Company's Price To Compare Default Service Rate Rider and/or Hourly Pricing Default Service Rider and are approved by the Commission for recovery under this rider. Forecasted NMB costs are allocated to each Customer Class based upon each Customer Class's contribution to the total Company Network Service Peak Load. (C)

(C) Change
(I) Increase

Rider J (continued)

(C)

E = The over or under-collection of the NMB_C that results from billing of the NMB during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

S= The Company's total DSS Sales for the Industrial Customer Class projected for the DSS Computational Year

The NMB rates to be included in DSS Rates are as follows:

Industrial Customer Class:

$0.560 per kW NSPL

Retail Enhancements

$$RE = [(RE_c - E) / S]$$

Where:

RE = The charge to be applied to Delivery Service Customers served under this rider for the Retail Enhancement Costs incurred by the Company.

REc = The Retail Enhancement Costs incurred by the Company to cover programming expenses and implementation costs associated with competitive market enhancements approved by the Commission.

E = The over or under-collection of the RE_C that results from billing of the RE during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

(C)

(C) Change
(I) Increase

RIDERS

Rider J (continued)

(C)

S = The Company's total DSS Sales per Customer Class to Delivery Service Customers projected for the DSS Computational Year.

The RE rates by Customer Class to be included in DSS rates are as follows:

Industrial Customer Class:

$0.000 per kW NSP

Customer Education Charges

$$CEC = (CEC_C - E) / S$$

Where:

CEC = The charge to be applied to Delivery Service Customers served under this rider for Customer Education Charges incurred by the Company.

CEC_C = Customer Education costs for the specific Customer Class to cover customer education costs associated with competitive market enhancements approved by the Commission, excluding costs being recovered by the Consumer Education Program Cost Recovery Rider.

E = The over or under-collection of the CEC_C that results from the billing of the CEC during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202 from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

S = The Company's total DSS Sales per Customer Class to Delivery Service Customers projected for the DSS Computational Year.

The CEC rates by Customer Class to be included in DSS rates are as follows:

Industrial Customer Class:

$0.000 per kW NSPL

(C) Change

RIDERS

Rider J (continued)

(C)

Gross Receipts Tax

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

All capitalized terms not otherwise defined in this Rider shall have the definitions specified in Section 2 of this Tariff. For purposes of this Rider, the following additional definitions shall apply:

1. DSS Sales – The kWh or kW NSPL delivered during a billing month to all Delivery Service Customers, as applicable to each Rate Schedule billed under the DSS Rider.

2. DSS Computational Year – The 12-month period from June 1 through the following May 31.

3. DSS Reconciliation Year – The 12-month period ending March 31 immediately preceding the DSS Computational Year.

4. Initial DSS Period – the period from the effective date through May 31, 2015 that the DSS Rider is in effect. Thereafter, the DSS Computational Year will apply.

The Company shall recalculate its DSS Rates annually and, based on that recalculation, shall file with the Commission, by May 1st of each year, revised Rates to become effective on June 1st of the same year unless the Commission orders otherwise. The revised DSS rates shall remain in effect for a period of one year, unless revised on an interim basis subject to the approval of the Commission. Upon determining that its DSS Rates, if left unchanged, would result in material over or under-collection of all costs incurred, or expected to be incurred, for DSS during the then current DSS Reconciliation Year, the Company may request that the Commission approve one or more interim revisions to its DSS Rates to become effective thirty (30) days from the date of filing, unless the Commission orders otherwise.

At the conclusion of the period during which this DSS Rider is in effect, the Company shall be authorized to recover or refund at any time, any remaining differences between recoverable costs and revenues billed under this rider by charges or credits to be applied to customer's bills under such mechanism the Commission may approve, but uncollectibles, which are non-reconcilable under the terms of this rider, shall not be included in the final reconciliation.

Application of the DSS rates shall be subject to annual review and audit by the Commission.

(C) Change

Supplement No. 10
Electric-Pa. P. U. C. No. 38

WEST PENN POWER COMPANY

RATES, TERMS, AND CONDITIONS

GOVERNING

INTERCHANGE OF ELECTRIC ENERGY

WITH

THE PENNSYLVANIA STATE UNIVERSITY

Issued: April 28, 2016

Effective: June 27, 2016

By: Steven E. Strah, President
Reading, Pennsylvania

NOTICE

Supplement No. 10 makes changes to Definitions, Rules and Regulations, Rate Schedules and Riders .
See Tenth Revised Page No. 2.

WEST PENN POWER COMPANY

Electric-Pa. P. U. C. No. 38 (Supp. 10)
~~Sixth~~Tenth ~~-~~Revised Page No. 2
Superseding ~~Fifth~~Ninth ~~-~~Revised Page No. 2

LIST OF MODIFICATIONS

Definitions

Definitions of Customer Choice and Competition Act, Industrial Customer Class, Kilovolt-ampere language has changed (See First Revised Pages 4 and 5).

Rules and Regulations

Format Changes (See First Revised Page 7 and Page 8).

Rule 6 – Changing Electric Generation Supplier language has been changed (See First Revised Page 10).

Rate Schedule

Rate Schedule rates have been increased (See First Revised Pages 11 and 12).

Riders

Rider F – Phase II Energy Efficiency and Conservation Charge Rider - Language has been changed (See Second Revised Page 16).

Rider G – Smart Meter Technologies Surcharge – Language has been changed (See First Revised Page 20).

Format Changes (See First Revised Page 20, 21, 27 and 28, Second Revised Page 24, 25, 26 and Original Page 21A and 27A).

Rider I – Hourly Pricing Default Service Rider - Language has been changed (See Second Revised Page No. 22).

Issued: April 28, 2016

Effective: June 27, 2016

DEFINITIONS

Certain words, when used in the Rules and Regulations, and Agreements of West Penn Power Company, shall have the following meanings:

"Advanced Metering": A Customer's billing meter as defined in 52 Pa. Code Chapter 57, Subchapter O. Advanced Meter Deployment.

"Alternative Energy Portfolio Standards (AEPS)": Standards requiring that a certain amount of electric energy sold from alternative energy sources be included as part of the sources of electric utilities within the Commonwealth of Pennsylvania in accordance with the Alternative Energy Portfolio Standards Act, 73 P.S. §§ 1648.1 – 1648.8 ("AEPS Act") as may be amended from time to time.

"Billing Demand": The demand determinant used to compute the monthly bill.

"Commission": The Pennsylvania Public Utility Commission or any lawful successor thereto.

"Company": West Penn Power Company.

"Company Charges": The sum of distribution charges, non-bypassable surcharges and riders, and, if Default Service is taken from Company, Default Service charges.

"Competitive Energy Supply": The unbundled energy, capacity, market based transmission and ancillary services provided by an Electric Generation Supplier pursuant to the Customer Choice and Competition Act.

"Customer": The Pennsylvania State University.

(C)

"Customer Choice and Competition Act": The Pennsylvania legislation known as the "Electricity Generation Customer Choice and Competition Act," 66 Pa. Code S. §§ 2801-2813 as implemented by the Default Service Regulations 52 Pa. Code S. §§52.181-52.189, and by Act 129 and as may be amended from time to time.

"Default Service": Service provided pursuant to a Default Service Program to a Default Service Customer.

"Default Service Customer": A Delivery Service Customer not receiving service from an EGS.

"Delivery Service": Provision of distribution of electric energy and other services provided by the Company.

"Delivery Service Customer": A Customer who takes Delivery Service.

"Direct Access": Direct Access shall have the meaning as set forth in the Customer Choice and Competition Act.

"Electric Generation Supplier (EGS)": EGS shall have the meaning as set forth in the Customer Choice and Competition Act.

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DEFINITIONS (continued)

"FERC": The Federal Energy Regulatory Commission

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"Industrial Customer Class": Tariff No. 38 and Tariff No. 40 Rate Schedules 35, 40, 44 and 46.

(C)

"Kilovolt-ampere (KVA)": 1,000 volt-amperes

"Measured Demand": The measured demand for any month shall be the average of the weekly demands established during the calendar weeks ending within the billing month.

"Network Service Peak Load (kW NSPL)" – A Customer's one (1) coincident peak kW Network Service Peak Load in effect from time to time, as calculated by the Company in accordance with PJM rules and requirements.

"Non-Market Based Services Transmission Charge": PJM Regional Transmission Enhancement Plan charges, PJM Expansion Cost Recovery, as well as any other FERC-approved PJM transmission charges that will not be reconciled through the Company's Hourly Pricing Default Service Rider.

"Pennsylvania Gross Receipts Tax": References to the Pennsylvania gross receipts tax or Pennsylvania gross receipts tax rate, or provisions that incorporate the same shall include the Revenue Neutral Reconciliation enacted by the Customer Choice and Competition Act.

"PJM": PJM Interconnection, L.L.C. or any successor organization/entity thereto.

"Revenue": Revenue when used with guarantee, guarantee of Revenue, Revenue guarantee or financing means the Revenue derived only from the Variable Distribution Charge or Distribution Charges that vary with billing determinants.

"Service": Any regulated supply of electricity by the Company, or provision to supply electricity, or any work or material furnished, or any obligation performed by the Company under its Rules and Regulations or Rate Schedules. Regulated charges for Service are published in this Tariff, including Distribution Charges, Default Service charges, surcharges, and riders. Charges for Service exclude Default Service charges when Customer receives Competitive Energy Supply.

"Week": A seven day period commencing on Sunday at 0000 through Saturday 2400 midnight.

"Weekly Demand": The maximum simultaneous fifteen-minute kilovolt-ampere demand but not less than 50 percent of the highest weekly demand of the month.

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RULES AND REGULATIONS (continued)

The Company shall implement Customer selection of an EGS consistent with applicable rules of the Commission and shall have no liability to Customer receiving Competitive Energy Supply arising out of or related to switching EGSs, unless the Company is negligent in switching or failing to switch Customer.

The Company shall have no duty or liability with respect to electrical energy before it is delivered by an EGS to a point of delivery on the Company's electric distribution system. After its receipt of electric energy and capacity at the point of delivery, the Company shall have the same duty and liability for distribution service to Customers receiving Competitive Energy Supply as to those receiving Default Service from the Company.

The Customer, by accepting service from the Company, assumes responsibility for the safety and adequacy of the wiring and equipment installed by the Customer. The Customer agrees to indemnify and save harmless the Company from any liability which may arise as a result of the presence or use of the Company's electric service or property, defects in wiring or devices on the Customer's premises, or the Customer's failure to comply with the National Electrical Code.

The Company does not guarantee a continuous, uninterrupted, or regular supply of electric service. The Company may, without liability, interrupt or limit the supply of electric service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system. The Company shall not be liable for any damages due to accident, strike, storm, lightning, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control.

In all other circumstances, unless caused by the willful and/or wanton misconduct of the Company, the liability of the Company to Customers or third parties for all injuries and damages, direct or consequential, including damage to computers and other electronic equipment and appliances, or loss of business, profit or production caused by variations or interruptions in electric supply, high or low voltage, spikes, surges, single phasing, phase failure or reversal, stray voltage, neutral to earth voltage, equipment failure or malfunction, response time to electric outages or emergencies, or the non-functioning or malfunctioning of street lights or traffic control signals and devices shall be limited to Five Hundred Dollars ($500) for residential customers and Two Thousand Dollars ($2,000) for commercial and industrial customers. In no case shall the Company's aggregate liability for multiple claims arising from a single alleged negligent act, incident, event, or omission exceed Two Hundred Thousand ($200,000). The Company's actions that are in conformance with electric system design, the National Electrical Safety Code, or electric industry operation practices shall be conclusively deemed not to be negligent. A variety of

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RULES AND REGULATIONS (continued)

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protective devices and alternate power supply equipment that may prevent or limit such damages are available. Due to the sensitive nature of computers and other electronically controlled equipment, the Customer, especially three-phase Customers, should provide protection against variations in supply.

To the extent applicable under the Uniform Commercial Code or on any theory of contract or products liability, the Company disclaims and shall not be liable to any Customer or third party for any claims involving and including, but not limited to, strict products liability, breach of contract, and breach of actual or implied warranties of merchantability or fitness for an intended purpose.

If the Company becomes liable under Section 2806(g) or 2809(c) of the Public Utility Code, 66 Pa.C.S. §§ 2806(g) and 2809(f), for Pennsylvania state taxes not paid by an Electric Generation Supplier (EGS), the non-compliant EGS shall indemnify the Company for the amount of additional state tax liability imposed upon the Company by the Pennsylvania Department of Revenue due to the failure of the EGS to pay or remit to the Commonwealth the tax imposed on its gross receipts under Section 1101 of the Tax Report Code of 1971 or Chapter 28 of Title 66.

2. Metering

(a) The Company owns, maintains, installs and operates all meters and metering equipment necessary to obtain the information required to bill Customer. The Company may select and use any type of meters and metering equipment, provided it meets the accuracy requirements of the Public Utility Commission.

If requested by the Customer, the Company will install a communicating point-to-point ("PTP") smart meter at the Customer's metered service location prior to the Company's system-wide deployment of smart meters. Prior to installation, the Customer shall pay $457.82 for a three phase PTP smart meter. Costs for Customer requests for a PTP smart meter at service locations without a functional public cellular network will be determined on a case by case basis and must be paid by the Customer prior to the commencement of Company work. Costs are charged individually for each metering point at each service location, and include the estimated incremental costs associated with a PTP smart meter that meets the requirements of direct access, a communication cellular card, and connection fees. The Customer shall pay $30.00 for requests to remove a PTP smart meter prior to the Company's system-wide deployment of smart meters. All other costs and cost reconciliations associated with Customer requests for a PTP smart meter shall be collected from the associated customer class in the Smart Meter Technologies Surcharge. The Customer is responsible for any repairs to Customer-owned equipment, such as meter socket repairs, prior to the installation of a PTP smart meter. The Company shall maintain ownership of all PTP smart meters.

(b) An advanced meter may be installed, maintained, and removed according to provisions in Appendix C of the Joint Petition for Full Settlement of West Penn Power Company's Restructuring Plan and Related Court Proceeding at s Docket No. R-00973981.

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RULES AND REGULATIONS (continued)

5. Individualized Company Facilities and Services:

The Company may, at its sole discretion and upon Customer's request, furnish special, substitute, or additional facilities or services. When the Company provides facilities or services not normally supplied, or when the estimated or actual cost of such individualized, substitute, or additional facilities or services exceeds the estimated costs of the standard facilities or services that normally would be supplied by the Company without special charge, the Company may require special agreements and may establish minimum charges and facilities charges. At a minimum, rates or contract provisions shall be established on a case by case basis and shall be sufficient to recover all appropriate incremental costs of the service and a contribution to fixed costs.

The Company may modify or discontinue the provisions of this rule at any time, subject to any orders of the Pennsylvania Public Utility Commission. Unless otherwise ordered by the Pennsylvania Public Utility Commission, any contracts in effect prior to any such modification or discontinuance of the rule shall remain in effect under the existing term and conditions specified in the contract.

6. Changing Electric Generation Supplier

(C)

The Company shall change a Customer's EGS in accordance with the regulations and directives. Changes in a Customer's EGS shall be effective within three (3) business days after the enrollment request is processed, regardless of whether the meter reading is actual or estimated.

7. Payment Processing

When Customer requests that Company provide billing service for Competitive Energy Supply, Company shall provide such service, indicating the charges for the EGS on Customer's monthly bill. Should payments made in response to said billing be less than the full amount billed, payment will be first credited against Company charges until paid in full. The balance will then be credited to the EGS.

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RATE SCHEDULE

AVAILABILITY

Available for service at 12,470 volts from Company substations.

DISTRIBUTION CHARGES
CUSTOMER CHARGE.....$812.36 per month (I)

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DEMAND CHARGE
First 10,000 kilovolt-amperes ..... $2.69 per kilovolt-ampere (I)
Additional kilovolt-amperes ..... $2.57 per kilovolt-ampere (I)

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RIDERS

Bills rendered under this schedule are subject to the following applicable Rider Charges:

Rider A – Tax Adjustment Surcharge
Rider F -- Phase II Energy Efficiency and Conservation Charge
Rider G -- Smart Meter Technologies Charge
Rider J -- Default Service Support Charge

DEFAULT SERVICE CHARGES

For Customers receiving Default Service from the Company, Rider I the Hourly Pricing Default Service Rider rates apply.

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RATE SCHEDULE (continued)

LATE PAYMENT CHARGE

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The above net rates apply if the current bill is paid in full within 15 days of the date of such bill and if all previous undisputed bills have been paid in full. A late payment charge of 2.0% per month of the unpaid balance of a bill will be made for failure to make payment in full by the due date. These charges are to be calculated on the overdue portions of the bill only. Such interest rate, when annualized, shall not exceed 15% simple interest per annum.

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DETERMINATION OF CUSTOMER'S BILLING DEMAND

The Measured Demand for any month shall be the average of the weekly demands established during the calendar weeks ending within the billing month. The Weekly Demand shall be the maximum simultaneous fifteen-minute kilovolt-ampere demand but not less than 50 percent of the highest weekly demand of the month. The Billing Demand in the current month shall be the greatest of: (i) twenty-five (25) KW, (ii) the Measured Demand established in the month during On-peak hours, (iii) forty percent (40%) of the Measured Demand established in the month during Off-peak hours, (iv) 18,000 kW, or (v) fifty percent (50%) of the highest billing demand established during the preceding eleven (11) months.

Measured Demand shall be determined from the synchronous aggregation of the substation meters with adjustments made to eliminate double counting of peak load when load is moved among substations causing a peak.

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WEST PENN POWER COMPANY

Electric-Pa. P. U. C. No. 38 (Supp. 10)
Second Revised Page 16
Superseding First Revised Page 16

RIDERS

RIDER F
PHASE II ENERGY EFFICIENCY AND CONSERVATION CHARGE RIDER

A Phase II Energy Efficiency and Conservation Charge ("Phase II EE&C-C") shall be applied to each Billing Unit during a billing month to Customers served under this Tariff. Billing Units are defined as follows:

Industrial Customer Class rates will be calculated to the nearest one-hundredth of a dollar per kW PLC. The Phase II EE&C-C rates shall be calculated separately for each Customer Class according to the provisions of this rider. The Phase II EE&C-C shall be listed as a separate charge on the monthly bill.

For service rendered June 1, 2015 through May 31, 2016 the Phase II EE&C-C rates billed by Customer Class are as follows:

Industrial Customer Class (Tariff No. 40 Rate Schedule 35, 40, 44, 46 and Tariff No. 38): (C)

$ 0.22 per kW PLC.

(C) Change

Issued: April 28, 2016

Effective: June 27, 2016

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RIDERS

RIDER G
SMART METER TECHNOLOGIES SURCHARGE

A Smart Meter Technologies ("SMT") Surcharge shall be applied as a monthly Customer charge during each billing month to metered Customers served under this Tariff determined to the nearest cent. The SMT Surcharge rate shall be calculated separately for each Customer Class according to the provisions of this Surcharge Tariff. The SMT-C shall be included in the distribution charges of the monthly bill.

(C)

For service rendered June 27, 2016 the SMT Surcharge rate billed by Customer Class is as follows:

(C)

Industrial Customer Class (Tariff No. 40 Rate Schedules 35, 40, 44, 46, and Tariff No. 38)

$0.00 per month

The SMT Surcharge rate by Customer Class shall be calculated in accordance with the formula set forth below:

$$SMT = [((SMT_C - E) / CCBD) / 12] \text{ X } [1 / (1 - T)]$$

$$SMT_C = SMT_{Exp1} + SMT_{Exp2}$$

Where:

SMT = The monthly surcharge by Customer Class as defined by this Surcharge Tariff applied to each Customer billed under this Tariff.

SMT_C = The Smart Meter Technologies costs by Customer Class projected to be incurred by the Company for the SMT Computational Year calculated in accordance with the formula shown above.

SMT_{Exp1} = A projection of costs to be incurred associated with the Customer Class specific Smart Meter Technology Procurement and Installation Plan ("Plan") as approved by the Commission for the SMT Computation Year by Customer Class including carrying charges on capital costs, depreciation expense, accumulated deferred income taxes, allowance for funds used during construction, and operational and maintenance expenses. These costs would also include an allocated portion of any projected indirect costs to be incurred benefiting all Customer Classes of the Company's Plan for the SMT Computational Year. Any reduction in operating expenses or avoided capital expenditures due to the Smart Metering Program will be deducted from the incremental costs of the Smart Meter Program to derive the net incremental cost of the Program that is recoverable. Such reductions shall include any reductions in the Company's current meter and meter reading costs.

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RIDERS

Rider G (continued)

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SMT_{Exp2} = A Customer Class allocated portion of $45.1 million of expenditures between 2009 and 2010 in support of the development of a smart meter deployment plan. The $45.1 million will be recovered via a levelized basis over a 5.5-year period beginning with the SMT Surcharge start date, and will not include interest on over-collections or under-collections. A Customer Class allocation of $5.712 million of interest charges will be added, and will be amortized for recovery over a 5.5-year period coincident with the recovery of the $45.1 million.

E = The over or under-collection of SMT costs by Customer Class that results from the billing of the SMT Surcharge rates during the SMT Reconciliation Year (an over-collection is denoted by a positive E and an under-collection by a negative E), including applicable interest for SMT_{Exp1} costs. Interest shall be computed monthly at the legal rate determined pursuant to 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded or the under-collection is recovered from Customers in the specific Customer Class. Any reduction in operating expenses or avoided capital expenditures due to the Smart Metering Program will be deducted from the incremental costs of the Smart Meter Program to derive the net incremental cost of the Program that is reconciled to the billed SMT Surcharge rates during the SMT Reconciliation Year. Such reductions shall include any reductions in the Company's current meter and meter reading costs.

CCBD = The Company's projected Customer Class Billing Determinants for the specific Customer Class for the SMT Computational Year. Billing Determinants shall be the average Customer Class count for the Industrial Class.

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

All capitalized terms not otherwise defined in this Surcharge Tariff shall have the definitions specified in the Definitions section of this Tariff. For the purpose of this Surcharge Tariff, the following additional definitions shall apply:

1. SMT Computational Year – The 12-month period from January 1 through the following December 31 with the exception of the initial SMT Computational Year that will be the 4-month period from September 1, 2011 through December 31, 2011.
2. SMT Reconciliation Year – The 12-month period ending June 30 immediately preceding the SMT Computational Year.

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RIDERS

Rider G (continued)

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The initial SMT Surcharge rates pursuant to this Surcharge Tariff shall be effective September 1, 2011 through December 31, 2011. Subsequent SMT Surcharge rates shall be filed with the Commission by August 1 of each year beginning August 1, 2012, and the SMT Surcharge rates shall become effective the following January 1, unless otherwise ordered by the Commission, and shall remain in effect for a period of one year, unless revised on an interim basis subject to the approval of the Commission. Upon determination that the SMT Surcharge rates, if left unchanged, would result in material over or under-collection of all recoverable costs incurred or expected to be incurred during the then-current SMT Computational Year, the Company may request that the Commission approve one or more interim revisions to the SMT Surcharge rates to become effective thirty (30) days from the date of filing, unless otherwise ordered by the Commission.

The Company shall file an annual report of collections under this Surcharge Tariff within thirty (30) days following the conclusion of each SMT Reconciliation Year.

At the conclusion of the duration of this reconciliation Surcharge Tariff, the Company is authorized to recover or refund any remaining amounts not reconciled at that time under such mechanism as approved by the Commission.

Application of the SMT Surcharge rates shall be subject to annual review and audit by the Commission.

(C) Change

RIDERS

RIDER I
HOURLY PRICING DEFAULT SERVICE RIDER

AVAILABILITY:

The charges billed under this rider are applicable to all Customers on Rate Schedules 35 (large), 40, 44, and 46, who elect to take Default Service from the Company. These charges are also applicable to Customers on Rate Schedules 20, and 30 (small) on a voluntary basis who meet the metering requirements of this rider. Rates shall be billed under this rider on the next scheduled meter reading date after electing Default Service. (C)

Rate Schedules 20 and 30 Customers electing service under this rider must have smart meter technology installed as part of the Company's smart meter plan filed with and approved by the Commission. (C)

Hourly Pricing Service Charges:

Customers participating in the Hourly Pricing Default Service Rider will be billed for usage based on the following calculation:

Hourly Pricing Service Charges = ($HP_{Energy\ Charge} + HP_{Cap\text{-}AEPS\text{-}Other\ Charge} + HP_{Administrative\ Charge} + HP_{Unc} + HP_{Reconciliation\ Charge}$) X [1 / (1-T)]

HP Energy Charge per kWh:

$$HP_{Energy\ Charge} = \sum_{t=1}^{n} [kWh_t \times (LMP_t + HP_{Oth}) \times HP_{Loss\ Multipliers}]$$

Where:

n = Total number of hours in the billing period

t = An hour in the billing period

LMP = the "Real Time" PJM load-weighted average Locational Marginal Price for the APS Transmission Zone

HP_{Oth} = $0.00400 per kWh for estimate of capacity, ancillary services, NITS, AEPS compliance and other supply components.

$HP_{Loss\ Multipliers}$: 1.0356

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RIDERS

Rider I (continued)

DS_{HPExp1} = An allocated portion of the incremental start-up costs incurred by the Company through May 31, 2015 in connection with the Company's Default Service Supply Plan to provide Default Service amortized over the twenty-four (24) month period ending May 31, 2017 including but not limited to:

- Incremental start-up administrative costs including metering and billing costs incurred and other costs as necessary to provide service to retail Default Service Customers
- Other start-up costs incurred to develop and implement the competitive bid process for the retail Default Service Supply Plan including legal, customer notice, and consultant fees

Interest will be calculated monthly on the average of the beginning and the end of month balances of these costs and included in the determination of the monthly amortized amount. The monthly interest rate will be based upon the 41 P.S. § 202 statutory rate.

DS_{HPExp2} = The cumulative costs to provide Hourly Pricing Default Service incurred by the Company through the end of the previous Default Service Quarter including but not limited to the following:

- Payments made to winning bidders
- Any PJM related charges other than Non-Market Based Services Transmission Charges identified in Rider J associated with the procurement of Hourly Pricing Default Service.
- Net AEPS expenses and AEPS expenses incurred by the Company related to amendments to the AEPS Act and/or related laws or regulations occurring subsequent to the effective date of the Supplier Master Agreement for the Default Service Supply Plan.
- An allocated portion of incremental administrative costs including metering and billing costs incurred and other costs as necessary to provide service to retail Default Service Customers
- All contingency plan implementation costs incurred during the supply period
- n allocated portion of other costs incurred to develop and implement the competitive bid process for retail Default Service including legal, customer notice, and consultant fees

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Rider I (continued)

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- The cost of credit when the Company is considered by PJM to be the load serving entity
- Incremental costs, including but not limited to metering costs and billing expenses, incurred by the Company to expand Rate Schedule 35 to include Customers with a Kilowatt demand greater than or equal to 400 Kilowatts.

PTC_{HPRev} = The cumulative revenues, excluding any revenues associated with the HP Uncollectibles Charge and applicable Pennsylvania gross receipts tax, through the end of the most recent Default Service Quarter billed to Hourly Pricing Default Service Customers under this rider including the applicable E_{HP} rates.

DS_{HPInt} = The cumulative amount of carrying charges calculated on a monthly basis through the end of the most recent Default Service Quarter. Interest will be calculated monthly on the average balance of: 1) the respective month's beginning balance of prior months' cumulative over or under collection of PTC_{HPRev} compared to the sum of the amortized portion of DS_{HPExp1} costs and DS_{HPExp2} costs incurred to date including cumulative interest calculated thereon through the beginning of the month; and 2) the respective month's ending balance of cumulative over or under collection of PTC_{HPRev} compared to the amortized portion of DS_{HPExp1} costs and DS_{HPExp2} costs incurred to date including cumulative interest calculated thereon through the beginning of the month. The monthly interest rate will be based upon the 41 P.S. § 202 statutory annual rate for under collections and the 41 P.S. § 202 statutory annual rate plus two percent for (over) collections.

$DS_{HPSales}$ = The Company's projected Hourly Pricing Default Service kWh sales to retail Customers for the three-month billing period that the E_{HP} rate will be in effect.

Gross Receipts Tax:

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

General:

Each change in the E_{HP} rate as well as other rates within this rider will be filed with the Commission by the later of: (a) forty-five (45) days prior to the effective date of the rate changes; or (b) seven (7) days after the last supply auction. The Company shall file details in support of the revised rates.

At the conclusion of the duration of this reconciliation rider, the Company is authorized to recover or refund any remaining amounts not reconciled at that time under such mechanism as approved by the Commission.

Application of the E_{HP} rate shall be subject to annual review and audit by the Commission.

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RIDERS

RIDER J
DEFAULT SERVICE SUPPORT RIDER

A Default Service Support ("DSS") Rate shall be applied to DSS Sales delivered by the Company to Delivery Service Customers under this rider as determined to the nearest one-thousandth of a dollar per kW NSPL. The DSS Rate shall be billed to Customers receiving Delivery Service from the Company under this rider. The DSS Rates shall be calculated according to the provisions of this rider. The DSS Rider shall be non-bypassable.

For service rendered during the DSS Computational Year, the DSS rate billed by Customer Class as follows:

Industrial Customer Class:

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$0.595 per kW NSPL

The DSS Rate shall be calculated annually in accordance with the formula set forth below:

$$DSS\ Rate = [NMB + RE + CEC] \times [1 / (1-T)]$$

The components of the formula are defined below

Non-Market Based Services Transmission Charges

$$NMB = (NMB_C - E) / S$$

Where:

NMB = The charge to be applied to Delivery Service Customers served under this rider for Non-Market Based Services Transmission Charge costs incurred by the Company.

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NMB_C = Forecasted NMB costs applicable to the Company's DSS Sales. Forecasted NMB costs shall include FERC approved costs for (i) PJM Regional Transmission Expansion Plan charges; (ii) PJM Expansion Cost Recovery; (iii) PJM charges for Reliability Must Run generating unit declarations and charges associated with plants deactivated after July 24, 2014, the date of the PaPUC approval of the Company's Default Service Program at Docket No. P-2013-2391378; (iv) historical tie line, generation, and retail customer meter adjustments; (v) Unaccounted for Energy; and (vi) any other FERC-approved PJM transmission charges billed to the Company by PJM that will not be reconciled through the Company's Price To Compare Default Service Rate Rider and/or Hourly Pricing Default Service Rider and are approved by the Commission for recovery under this rider. Forecasted NMB costs are allocated to each Customer Class based upon each Customer Class's contribution to the total Company Network Service Peak Load.

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E = The over or under-collection of the NMB_C that results from billing of the NMB during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

S= The Company's total DSS Sales for the Industrial Customer Class projected for the DSS Computational Year

The NMB rates to be included in DSS Rates are as follows:

Industrial Customer Class:

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$0.560 per kW NSPL

Retail Enhancements

$$RE = [(RE_c - E) / S]$$

Where:

RE = The charge to be applied to Delivery Service Customers served under this rider for the Retail Enhancement Costs incurred by the Company.

REc = The Retail Enhancement Costs incurred by the Company to cover programming expenses and implementation costs associated with competitive market enhancements approved by the Commission.

E = The over or under-collection of the RE_C that results from billing of the RE during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202, from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

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RIDERS

Rider J (continued)

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S = The Company's total DSS Sales per Customer Class to Delivery Service Customers projected for the DSS Computational Year.

The RE rates by Customer Class to be included in DSS rates are as follows:

Industrial Customer Class:

$0.000 per kW NSP

Customer Education Charges

$$CEC = (CEC_C - E) / S$$

Where:

CEC = The charge to be applied to Delivery Service Customers served under this rider for Customer Education Charges incurred by the Company.

CEC_C = Customer Education costs for the specific Customer Class to cover customer education costs associated with competitive market enhancements approved by the Commission, excluding costs being recovered by the Consumer Education Program Cost Recovery Rider.

E = The over or under-collection of the CEC_C that results from the billing of the CEC during the DSS Reconciliation Year, including applicable interest. An over-collection is denoted by a positive E and an under-collection by a negative E. Interest shall be computed monthly at the legal statutory interest rate stated in 41 P.S. § 202 from the month the over or under-collection occurs to the month that the over-collection is refunded to or the under-collection is recovered from Delivery Service Customers.

S = The Company's total DSS Sales per Customer Class to Delivery Service Customers projected for the DSS Computational Year.

The CEC rates by Customer Class to be included in DSS rates are as follows:

Industrial Customer Class:

$0.000 per kW NSPL

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RIDERS

Rider J (continued)

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Gross Receipts Tax

T = The Pennsylvania gross receipts tax rate in effect during the billing month expressed in decimal form as reflected in the Company's base rates.

All capitalized terms not otherwise defined in this Rider shall have the definitions specified in Section 2 of this Tariff. For purposes of this Rider, the following additional definitions shall apply:

1. DSS Sales – The kWh or kW NSPL delivered during a billing month to all Delivery Service Customers, as applicable to each Rate Schedule billed under the DSS Rider.

2. DSS Computational Year – The 12-month period from June 1 through the following May 31.

3. DSS Reconciliation Year – The 12-month period ending March 31 immediately preceding the DSS Computational Year.

4. Initial DSS Period – the period from the effective date through May 31, 2015 that the DSS Rider is in effect. Thereafter, the DSS Computational Year will apply.

The Company shall recalculate its DSS Rates annually and, based on that recalculation, shall file with the Commission, by May 1st of each year, revised Rates to become effective on June 1st of the same year unless the Commission orders otherwise. The revised DSS rates shall remain in effect for a period of one year, unless revised on an interim basis subject to the approval of the Commission. Upon determining that its DSS Rates, if left unchanged, would result in material over or under-collection of all costs incurred, or expected to be incurred, for DSS during the then current DSS Reconciliation Year, the Company may request that the Commission approve one or more interim revisions to its DSS Rates to become effective thirty (30) days from the date of filing, unless the Commission orders otherwise.

At the conclusion of the period during which this DSS Rider is in effect, the Company shall be authorized to recover or refund at any time, any remaining differences between recoverable costs and revenues billed under this rider by charges or credits to be applied to customer's bills under such mechanism the Commission may approve, but uncollectibles, which are non-reconcilable under the terms of this rider, shall not be included in the final reconciliation.

Application of the DSS rates shall be subject to annual review and audit by the Commission.

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Statement No. 1

West Penn Statement No. 1

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

WEST PENN POWER COMPANY
DOCKET NO. R-2016-2537359

Direct Testimony
of
Charles V. Fullem

List of Topics Addressed

Overview of Distribution Base Rate Filing
Settlement Commitments from Docket No. R-2014-2428742
Reasons for the Requested Increase
Organization of the Filing and Introduction of Witnesses
Importance of Adequate Rate Relief to the Company

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DIRECT TESTIMONY
OF
CHARLES V. FULLEM

I. INTRODUCTION

Q. Please state your name and business address.

A. My name is Charles V. Fullem, and my business address is 2800 Pottsville Pike, Reading, Pennsylvania 19605.

Q. By whom are you employed and in what capacity?

A. I am employed by FirstEnergy Service Company, which is a direct subsidiary of FirstEnergy Corp. ("FirstEnergy"). I am the Director, Rates and Regulatory Affairs – Pennsylvania. The Pennsylvania Rate Department of FirstEnergy Service Company provides regulatory support for each of FirstEnergy's wholly-owned Pennsylvania operating companies ("Companies"), includingWest Penn Power Company ("West Penn"or "Company").

I am responsible to the Vice President of Rates and Regulatory Affairs for the development, coordination, preparation and presentation of the Companies' rate-related matters before the Pennsylvania Public Utility Commission ("Commission") and the New York State Public Service Commission, including their default service programs. My responsibilities encompass the preparation of various statements and reports addressing, among other things, distribution revenue requirement, energy costs, non-utility generation costs, quarterly earnings, and other financial matters. I am also responsible for administering theCompanies' tariffs, including developing retail electric rates, rules and regulations and ensuring their uniform application and interpretation.

Q. What is your educational and professional background?

A. I received a Bachelor of Science degree in Mineral Economics from the Pennsylvania State University in November 1981. I have over thirty years of experience with FirstEnergy and its predecessor companies. My work experience is more fully described in my professional biography, which is attached as Appendix A to this testimony.

Q. On whose behalf are you testifying in this proceeding?

A. I am testifying on behalf of West Penn.

Q. Please describe the purpose of your testimony.

A. The purpose of my testimony is to provide an overview of and the principal factors driving the distribution base rate increase request that the Company is proposing for approval by the Commission. I will also explain why approval of the proposed distribution rate increase is necessary to provide a fair return to shareholders and to establish the groundwork for enhanced reliability and customer service.

In addition to this Introduction, my testimony is comprised of three substantive sections: Section II reports on the Company's progress in meeting the settlement commitments made in West Penn's last base rate proceeding at Docket No. R-2014-2428742. In Section III, I provide an overview of the current filing and discuss the primary reasons the Company is requesting an increase in its distribution rates. Lastly, in Section IV, I describe the organization of the Company's rate filing, introduce the other witnesses submitting direct testimony on behalf of West Penn and explain the importance of this case to the Company and its customers.

Q. Are you sponsoring any exhibits?

A. Yes, I am sponsoring West Penn Exhibits CVF-1 through CVF-6, which consist of the following:[1]

West Penn Exhibit CVF-1 provides a summary of and specific reasons for the proposed rate increase. This exhibit also identifies and quantifies the major components of the Company's revenue request.

West Penn Exhibit CVF-2 identifies the other witnesses submitting direct testimony on behalf of the Company, their corresponding statement numbers and their areas of responsibility.

West Penn Exhibit CVF-3 is a table showing, at present and proposed rates, the Company's revenues, operating expenses, operating income and rate base, as adjusted for ratemaking purposes, and the resulting overall rates of return for the fully projected future test year, the twelve months ending December 31, 2017 ("FPFTY"). The table also provides references to exhibits sponsored by other witnesses that set forth this information in more detail.

West Penn Exhibit CVF-4 provides a corporate history, including the dates of the Company's original incorporation and subsequent mergers and acquisitions.

[1] Exhibits CVF-I through CVF-4 respond to filing requirements outlined in 52 Pa. Code § 53.53(a)(3). Specifically, these exhibits respond to requirements 1-A-1, 2 and 3 and I-B-1 of Exhibit C to Section 53.53.

West Penn Exhibit CVF-5 provides a comparison of residential customer bills at the Company's existing and proposed base rates to residential customer bills, at the same usage levels, of Duquesne Light Company ("Duquesne"), PECO Energy Company ("PECO") and PPL Electric Utilities Corporation ("PPL"), as well as the other FirstEnergy-owned Pennsylvania EDCs.

West Penn Exhibit CVF-6 is a copy of the Meter Reading section of the Company's web-site.

II. SETTLEMENT COMMITMENTS

Q. In the Joint Petition for Settlement of Rate Investigation ("Settlement Agreement") which the Commission approved in West Penn's last base rate proceeding at Docket No. R-2014-242874, the Company, at pages 11- 14, made various commitments in the areas of customer service, meter reading and smart meter operations. Is West Penn in compliance with those provisions?

A. Yes, it is.

Q. Is the Company prepared to meet its commitment to achieve and maintain an annual call answer rate of at least 80% of calls answered within thirty seconds beginning with the twelve-month period ended December 31, 2016?

Q. Yes. In fact, the Company achieved 71% of calls answered within thirty seconds in 2014, therefore obtaining the level of service twelve months earlier than agreed to in the Joint Petition for Partial Settlement approved by the Commission as part of the proceeding which granted approval of the FirstEnergy/Allegheny Energy merger. Since

that time the Company continued to focus on its commitment to achieve and maintain an annual call answer rate of at least 80% of calls answered within thirty seconds beginning with the twelve-month period ended December 31, 2016, and the Company reported 76% of calls answered within thirty seconds during 2015. During the twelve months ended March of 2016, the company had a call answer rate of 82% of calls answered within thirty seconds.

Q. The Company also agreed to reduce the number of residential disputes that did not receive a response within thirty days to no more than sixty beginning with the twelve-month period ending December 31, 2016. Is West Penn on track to comply with that standard?

A. Yes. The Company has made great strides in this area. For example, in 2014, West Penn had 479 residential disputes that did not receive a response within thirty days. The Company reduced that figure to eight in 2015 and, as of March 31, 2016, West Penn had no outstanding residential customer disputes that had not received a response within thirty days.

Q. The Company also agreed to take the necessary action to: (i) consistently meet the twelve-month performance standards established by the Commission for SAIFI[2], SAIDI[3] and CAIDI[4] by the end of the first reporting quarter of 2016 (i.e., March 31, 2016); (ii) consistently meet the three-year performance standards established by

[2] System Average Interruption Frequency Index, or"SAIFI," represents the average frequency of sustained interruptions per customer during an analysis period.

[3] System Average Interruption Duration Index, or "SAIDI," represents the average duration of sustained interruptions per customer during an analysis period.

[4] Customer Average Interruption Duration Index, or "CAIDI," represents the average interruption duration of sustained interruptions for those customers who experience interruptions during an analysis period.

the Commission for SAIFI, SAIDI, and CAIDI by the end of calendar year 2017; and (iii) strive towards the achievement of reliability performance at or better than the performance benchmarks established by the Commission. How is the Company performing with respect to these reliability commitments?

A. The Company has made tremendous progress and has met, or is in the process of meeting, all of its reliability obligations as shown in Table 1 below:

Table 1

West Penn Power Reliability Performance as of March 31, 2016

Metric	Benchmark	12-Month Standard	12-Month Actual	3-Year Standard	3-Year Actual
SAIFI	1.05	1.26	1.16	1.16	1.11
CAIDI	170	204	157.5	187	150
SAIDI	179	257	182.8	217	167

As indicated above, the Company has bettered the 12-month and 3-Year Standards for all three metrics, has achieved the performance benchmark for CAIDI, and is very close to satisfying the benchmarks for SAIFI and SAIDI.

Q. As part of the Settlement Agreement, the Company also agreed to ensure that its policies and procedures were designed such that customer meters are read at least every other month and to document the specific reasons when it is unable to do so. Has the Company complied with this commitment?

A. Yes. The Company continues to focus on its meter reading operations to ensure that its performance is consistent with all regulatory requirements. In furtherance of the commitment it made in its last base rate case, the Company created a new report that summarizes its meter-reading performance and identifies the causes for any missed

reads. The Company provided such a report, covering the period from June 1, 2015 through December 31, 2015, to the statutory advocates on April 8, 2016.

Q. West Penn further agreed to revise its website and customer education materials to explicitly inform its customers, in plain language, of the Company's policy to issue bills based on actual meter readings no less frequently than every other month and to explain the procedures for customers to submit self-readings if they elect to do so. Has West Penn complied with this settlement provision?

A. Yes. The Company modified its website on July 1, 2015 to provide the information requested by the settling parties. Exhibit CVF- 6 provides a copy of the relevant Meter Reading page, shown on the website, of West Penn's current tariff.

Q. The Settlement Agreement also required that West Penn provide the statutory advocates with certain information regarding the operation of its modified estimated billing algorithm, including its performance over the first full year of its use. Is the Company on track to supply the necessary information?

A. Yes. Company representatives met with the statutory advocates on September 10, 2015 in Harrisburg to review its modified estimated billing algorithm and to answer any questions regarding its operation. Due to final upgrades taking place through the end of 2015, it was agreed that the Company will use the twelve-month period ending December 31, 2016 to study the accuracy and performance of the new algorithm and will provide a report to the statutory advocates in March of 2017.

Q. Turning to a different area, did the Company add certain reporting metrics to its Annual Progress Report under its Smart Meter Technology Deployment Plan

approved by the Commission at Docket No. M-2013-2341994 ("Smart Meter Plan"), as it agreed to do in its Settlement Agreement?

A. Yes. Beginning with the August 1, 2015 Annual Progress Report submitted pursuant to its Smart Meter Plan, the Company provided information concerning the following metrics:

Home area network ("HAN") devices. Number of utility AMI meters with consumer devices registered to operate with the HAN chip.

AMI meter installs. Number of smart meters installed and registered.

Customer complaints. Number of formal and informal PUC complaints related to AMI meter deployment, broken down by type of complaint and resolution. AMI meter deployment includes installation, functioning or accuracy of the AMI meter, and HAN device registration.

Reduction in greenhouse gas emissions. Reduced emissions attributable to reduced truck rolls due to automatic meter readings and increased efficiencies. This reporting will commence once the realization of this benefit has been determined and reflected in the smart meter baseline savings as of April 30, 2016.

Voltage and VAR controls. Number and percentage of distribution lines using sensing from an AMI meter as part of the Company's voltage regulation scheme.

Q. Did the Company also host an informational meeting with respect to the Company's smart meter and smart grid deployment efforts as committed to in the Settlement Agreement?

A. Yes. The meeting was held on July 20, 2015 at the FirstEnergy General Offices in Akron. Representatives of the Environmental Defense Fund attended in person and representatives of the Office of Consumer Advocate participated via teleconference.

III. OVERVIEW OF RATE REQUEST AND REASONS FOR PROPOSED INCREASE

Q. Please describe the increases and changes in rates for distribution service that the Company is proposing.

A. The Company is proposing a general rate increase to its distribution rates and is also requesting increases in rates charged under its Default Service Support ("DSS") Rider and Hourly Pricing Default Service ("HPS") Rider in order to fully collect the uncollectible expense associated with the provision of default service, as well as the Purchase of Receivables Program offered to Electric Generation Suppliers. Finally, the Company is proposing to roll smart meter and Distribution System Improvement Charge ("DSIC") investment costs into base rates.

Q. Please identify the principal changes to existing and pending rate riders that affect distribution base rate revenue in this case.

A. The Company currently has a Smart Meter Technologies Charge ("SMT-C") Rider through which it recovers the costs of implementing its Smart Meter Plan. . Because of this filing, the Company will instead include its 2017 smart meter costs in base rates and will maintain its SMT-C Rider rate at zero. The SMT-C Rider will remain in the

Company's tariff and will be utilized to recover the costs of its Smart Meter Plan in excess of the level of such costs included in base rates, net of applicable savings.

Likewise, the Company has sought the Commission's approval to implement a DSIC Rider for service rendered beginning July 1, 2016 at Docket No. P-2015-2508948. The Company proposes to roll the projected DSIC Rider charges and costs into base distribution rates, and to reset the DSIC Rider to zero as of the effective date of the base rates determined in this case. The DSIC Rider will remain at zero until West Penn has added plant through its Commission-approved Long Term Infrastructure Improvement Plan ("LTIIP") in excess of the claimed amount included in its estimated December 31, 2017 rate base in the present case.

Q. What effect will the proposed increases and changes in distribution rates and riders have on the Company's pro forma revenues at current rates ?

A. The effect of the proposed increases and changes in distribution rates and riders on the Company's pro forma revenues at current rates for the FPFTY is summarized in West Penn Exhibit CVF-3 and highlighted in Table 2 below:

Table 2

Requested Revenue Change	
West Penn	($ Thousands)
Distribution Base Rate	$93,270
DSS & HPS Riders	$ 4,958
Total Request	$98,228
Percentage Increase in Total Revenue	5.74%
Smart Meter Roll In	$
DSIC Roll In	$ 3744
Net Increase in Revenue	$94,484
Percentage Increase in Total Revenue	5.51%
Smart Meter – 2017 Rider revenue in the absence of the rate case	
DSIC Roll in – 2017 Rider revenue in the absence of the rate case	

The percentage increases shown are based on total Company revenue, assuming all customers are taking default service from the Company.

Q. What overall rate of return and return on common equity does the Company propose be used for purposes of calculating its revenue requirement in this case?

A. West Penn's proposed distribution rates are designed to recover the Company's costs to furnish safe and reliable distribution service and to provide it an opportunity to earn a fair return on its investment in distribution assets. More specifically, as summarized in West Penn Exhibit CVF-3 and explained in more detail in the direct testimony of Pauline M. Ahern (West Penn St. No. 8), the requested increase proposed by the Company would provide it an opportunity to earn an overall rate of return of 7.90% and a 10.90% return on common equity.

Q. How will the proposed rate increase impact the total bill of a typical residential customer using 1,000 kWh per month and how will the resulting bill compare to the current average residential bills of other Pennsylvania EDCs?

A. Table 3 below shows: (1) a current monthly bill for a residential default service customer using 1,000 kWh; (2) the requested increase in that bill; and (3) the new bill under proposed base rates.

Table 3

	Current Monthly Bill	Increase	Total Bill After Increase
West Penn	$112.99	$10.89	$123.88

*Based upon current default service rates as of the date of this filing.

Under the corresponding rates in effect as of May 1, 2016, customers of the other three non-affiliated major Pennsylvania EDCs (i.e., Duquesne, PECO and PPL) would pay a monthly bill of between $136.37 and $156.21. **West Penn Exhibit CVF-5** graphically depicts the billing comparison I just described.

Q. What are the principal factors driving the Company's need for rate relief?

A. The principal factors driving the Company's need to increase its distribution base rates are as follows:

1. **Growth in the Company's distribution rate base.** One of the factors driving West Penn's need for rate relief is the 12.5% growth in the Company's rate base attributable to its ongoing investment in distribution plant (including smart meter and DSIC-eligible investment). As shown in Table 4 below, the Company's estimated rate base at December 31, 2017, as summarized in West Penn Power

Exhibit CVF-3 and developed in Mr. D'Angelo's **West Penn Exhibit RAD-1**, is expected to be $152 million greater than the level reflected in current rates:

Table 4

	West Penn (thousands)
Rate Base Docket No. R-2014-2428742	$ 1,212,1855
Rate Base RAD-1 pg. 1 line 19	$ 1,364,215
Increase	$ 152,030
Percentage Change	12.5%

2. **Reduction in sales.** West Penn's projected 2017 revenue at current rates is seventeen million dollars less than the revenue requirement agreed to in the Settlement Agreement approved by the Commission at Docket No. R-2014-2428742. Sales to the residential class as a whole are expected to decrease by 1.33% annually, driven by a decline in the average usage per customer of approximately 1.45% annually over the next four years, offset only slightly by increases in the number of residential customers. The decline in the average residential usage in the Company's service area is primarily due to implementation of Pennsylvania's state-mandated energy efficiency programs under Act 129, as well as federally mandated energy efficiency lighting standards.

3. **Deferred taxes.** West Penn's deferred tax expense for the FPFTY is higher than the amount reflected in its last base rate proceeding.

4. **Depreciation expense associated with increased investment in plant in service.** The Company has included with this filing a new service life study reflecting adoption of the Equal Life Group Method. The updated accrual rates,

along with the new distribution plant, result in corresponding increases in depreciation expense.

5. **Increase in operations and maintenance ("O&M") expense.** Implementation of the Company's LTIIP, will drive higher O&M expenses as work included in the LTIIP has an on-going O&M component in addition to the capital component. In addition, the Company has budgeted increases in expenses associated with vegetation management, facility repairs and substation maintenance, as part of its on-going efforts to enhance reliability. Finally, the Company continues to experience increased uncollectible accounts expense.

IV. ORGANIZATION OF THE FILING, OTHER WITNESSES AND THE IMPORTANCE OF THIS CASE TO THE COMPANY AND ITS CUSTOMERS

Q. Please identify the other witnesses presenting direct testimony on behalf of the Company and the principal subjects they address.

A. The Company is submitting the direct testimony of nine witnesses including myself. The other witnesses submitting direct testimony and the principal subjects they address are identified in West Penn Exhibit CVF-2 and can be summarized as follows:

Richard A. D'Angelo	Statement No. 2	Development of the Company's revenue requirement, including sponsoring and explaining the Company's principal accounting exhibits.
Kevin M. Siedt	Statement No. 3	Development of normalized sales and revenues; development of the Company's proposed rate design; proposed changes to tariff rules and regulations, rate schedules and riders.

Thomas J. Dolezal	Statement No. 4	Development of the Company's cost of service studies; separation studies; and cost of service at existing rates.
Jeffrey L. Adams	Statement No. 5	Development of the Company's claim for cash working capital.
Laura W. Gifford	Statement No. 6	Updating uncollectible accounts expense to be recovered in West Penn's DSS and HPS Riders. Updating the baselines for the measurement of smart meter savings.
John J. Spanos	Statement No. 7	Annual and accrued depreciation rates and service lives.
Pauline M. Ahern	Statement No. 8	Cost of common equity.
Joseph Dipre	Statement No. 9	Capitalization ratios; cost rates of long-term debt and common equity; and overall cost of capital.

Q. Please explain the importance of the proposed rate increase to the Company?

A. In order to continue enhancing reliability and customer service, the Company must continue to make very substantial investments in new and replacement distribution plant, including the investments set forth in its Commission-approved LTIIP. Moreover, it must do so during a period of declining sales and ever increasing O&M expenses. Due to these factors, West Penn's projected overall rate of return for the FPFTY, at present rates, is only 4.14%. More importantly, its indicated return on common equity during that same period is anticipated to be but 3.14%, which is obviously grossly inadequate by any reasonable standard. Returns at these levels will simply not support the level of investment required to ensure that customers continue to receive safe and reliable electric service. Accordingly, it is critically important that the Company be granted the rate relief it is requesting in this case.

Q. In view of the foregoing, do you have a recommendation regarding the rate of return on common equity that should be approved for the Company?

A. Yes, I do. I strongly encourage the Commission to adopt the 10.9% equity return developed by Ms. Ahern.

Q. Does this conclude your direct testimony?

A. Yes, it concludes my direct testimony at this time. However, I would like to reserve the right to supplement my direct testimony should it become necessary to do so.

Biography
Charles V. Fullem
Director – Rates & Regulatory Affairs/Pennsylvania

Charles V. Fullem is Director- Rates & Regulatory Affairs/Pennsylvania, a position he was appointed to on January 22, 2006. In that capacity, he is responsible for developing the default service plans of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company, as well as all retail tariff filings and financial reports to the Pennsylvania Public Utility Commission ("PaPUC") and the New York State Public Service Commission. He has over 30 years of experience in the energy industry, with a background in rates and regulation, marketing, unregulated retail pricing and regulated tariffs, contract development and negotiations of both wholesale and retail electric service contracts.

From December 2000 through January 2006, he served in various positions, including Director of Energy Consulting Operations for The E Group, the energy consulting subsidiary of FirstEnergy Corporation ("FirstEnergy"). As Director, he managed technical staff teams and was responsible for delivering all aspects of The E Group's client services for an over one billion dollar client energy spend, including energy management, bill and rate analysis, development of energy procurement strategies, preparation of requests for proposal, evaluation of bids, contract development and implementation, open market analysis, and negotiations with suppliers and utilities and utility bill payment.

From November 1999 through December 2000, Mr. Fullem was Director, Pricing and Regulatory Affairs, in FirstEnergy's rate department, where he was responsible for tariff administration and pricing programs serving over 2.2 million customers in Ohio and Pennsylvania. In this capacity, Mr. Fullem developed and implemented the unbundled tariffs designed to implement Customer Choice in Ohio, coordinated the development of FirstEnergy's Supplier Tariff and Net Metering Rider, and participated in the Operational Support Plan (OSP) workgroups. The OSP workgroups were collaborative working groups charged with establishing the various rules and policies of retail choice in Ohio.

From December 1994 through November 1999, Mr. Fullem served in various roles in FirstEnergy's marketing department, including Director, Planning and Strategy, and Director of Centerior Energy's Competitive Analysis Department, where he developed and implemented successful marketing programs targeted to commercial and industrial customers and mass market customers in both competitive generation markets and traditional areas of competition between fully integrated electric utility providers.

From 1982 through December 1994, Mr. Fullem served in various roles in rates and regulation at Centerior Energy and Cleveland Electric Illuminating Company, including the roles of Director, Planning & Strategy, and Director of Rates & Contracts. In these roles, Mr. Fullem managed and performed cost of service studies, load research, customer requirements analyses, designed rates and tariffs, participated in the development of revenue requirements, and performed financial analyses.

Mr. Fullem holds his Bachelor of Science degree in Mineral Economics from the Pennsylvania State University. Mr. Fullem is a Certified Energy Procurement Professional by the Association of Energy Engineers. He has provided expert testimony before the Public Utilities Commission of Ohio ("PUCO"), the PaPUC, The New York State Public Service Commission and the Federal Energy Regulatory Commission ("FERC").

Mr. Fullem has prepared and presented testimony in the following rate-related cases:

PUCO Cases:

Docket Nos.	***Case Name***
85-521-EL-COI	(In the Matter of the Investigation into the Perry Nuclear Power Station)
88-170-EL-AIR	(In the Matter of the Application of the Cleveland Electric Illuminating Company for Authority to Amend and to Increase Certain of its Filed Schedules Fixing Rates and Charges for Electric Service)
88-171-El-AIR	(In the Matter of the Application of the Toledo Edison Company for Authority to Amend and to Increase Certain of its Filed Schedules Fixing Rates and Charges for Electric Service)
91-1528-EL-CSS	(In the Matter of the Complaint of Toledo Premium Yogurt, Inc., dba Freshens Yogurt, Complainant, v. Toledo Edison Company, Respondent)
91-2308-EL-CSS	(Board of Education, Cleveland City Schools v. Cleveland Electric Illuminating Company)
92-504-EL-CSS	(Board of Education, Cleveland City Schools v. Cleveland Electric Illuminating Company)
95-02-EL-ABN	(In the Matter of the Application of the City of Clyde Requesting Removal of Certain Electric Distribution Facilities of the Toledo Edison Company from Within Clyde's Corporate Limits)
01-174-EL-CSS	(In the Matter of the Complaint of the City of Cleveland and WPS Energy Services, Inc., Complaints, v. The Cleveland Electric Illuminating Company and FirstEnergy Corp., Respondents)

PaPUC Cases:

Docket No.	*Case Name*
R – 850267	(Pennsylvania Public Utility Commission, et al. v. Pennsylvania Power Company)
R – 860378	(Pennsylvania Public Utility Commission, et al. v. Duquesne Light Company)
87-1160	(Duquesne Light Company and Pennsylvania Power Company, Appellants v. David M. Barasch, etc., et al.)
P-00072305	(Petition of Pennsylvania Power Company for Approval of Interim Default Service Supply Plan)
P-2008-2066692	(Voluntary Prepayment Plan)
P-2009-2093053	(Metropolitan Edison Company Default Service Programs)
P-2009-2093054	(Pennsylvania Electric Company Default Service Programs)
I-2009-2099881	(Compliance of Commonwealth of Pennsylvania with Section 410(a) of the American Recovery and Reinvestment Act 2009)
M-2009-2092222	(Petition of Metropolitan Edison Company, Pennsylvania Electric Company, and Pennsylvania Power Company for approval of its Energy Efficiency and Conservation Plans)
M-2009-2112952	(Petition of Metropolitan Edison Company, Pennsylvania Electric Company, and Pennsylvania Power Company for approval of its Energy Efficiency and Conservation Plans)
M-2009-2112956	(Petition of Metropolitan Edison Company, Pennsylvania Electric Company, & Pennsylvania Power Company for approval of its Energy Efficiency and Conservation Plans)
A-2010-2176520	(Joint Application of West Penn Power Company, Trans-Allegheny Interstate Line Company & FirstEnergy Corp.)
A-2010-2176732	(Joint Application of West Penn Power Company, Trans-Allegheny Interstate Line Company & FirstEnergy Corp.)

P-2011-2273650	(Metropolitan Edison Company Default Service Programs)
P-2011-2273668	(Pennsylvania Electric Company Default Service Programs)
P-2011-2273669	(Pennsylvania Power Company Default Service Programs)
P-2011-2273670	(West Penn Power Company Default Service Programs)
M-2012-2334387	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of its Act 129 Phase II EE&C Plans
M-2012-2334392	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of its Act 129 Phase II EE&C Plans
M-2012-2334395	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of its Act 129 Phase II EE&C Plans
M-2012-2334398	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of its Act 129 Phase II EE&C Plans
R-2014-2428745	Metropolitan Edison Company – General Base Rate Filing
R-2014-2428743	Pennsylvania Electric Company – General Base Rate Filing
R-2014-2428744	Pennsylvania Power Company – General Base Rate Filing
R-2014-2428742	West Penn Power Company – General Base Rate Filing
A-2015-2488903	Joint Application of Mid-Atlantic Interstate Transmission, LLC ("MAIT"); Metropolitan Edison Company and Pennsylvania Electric Company
A-2015-2488904	Joint Application of Mid-Atlantic Interstate Transmission, LLC ("MAIT"); Metropolitan Edison Company and Pennsylvania Electric Company
A-2015-2488905	Joint Application of Mid-Atlantic Interstate Transmission, LLC ("MAIT"); Metropolitan Edison Company and Pennsylvania Electric Company

G-2015-2488906	Joint Application of Mid-Atlantic Interstate Transmission, LLC ("MAIT"); Metropolitan Edison Company and Pennsylvania Electric Company
G-2015-2488907	Joint Application of Mid-Atlantic Interstate Transmission, LLC ("MAIT"); Metropolitan Edison Company and Pennsylvania Electric Company
P-2015-2511333	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of their Default Service Programs
P-2015-2511351	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of their Default Service Programs
P-2015-2511355	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of their Default Service Programs
P-2015-2511356	Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company for Approval of their Default Service Programs

NY PSC Cases:

Docket No.	***Case Name***
Case 11-E-0594	(Pennsylvania Electric Company Waverly District – moving POLR rates to market supply)

FERC Cases:

Docket No.	***Case Name***
ER93-471-000	(COS – FERC Rate Case: Cleveland Electric Illuminating Company v. Cleveland Public Power)

Exhibits

WEST PENN POWER COMPANY

FILING REQUIREMENT I-A-1:

"Provide a summary discussion of the rate change request, including specific reasons for each increase or decrease. Also provide a breakdown which identifies the revenue requirement value of the major items generating the requested rate change."

RESPONSE:

West Penn Power Company
Statement of Reasons for Rate Changes

Introduction

West Penn Power Company ("West Penn" or the "Company") has filed a tariff supplement and accompanying supporting data setting forth a proposed distribution base rate increase and other proposed tariff revisions ("Rate Plan") for approval by the Pennsylvania Public Utility Commission ("Commission").

The Rate Plan proposes rates that would produce an increase in West Penn's annual distribution revenue of $98.2 million based on a fully projected future test year ending December 31, 2017 and reflecting the Company's proposed overall rate of return of 7.90% and a rate of return on the common equity portion of its capital structure of 10.9%. The average total-bill increases under the proposed rates vary by class of customers, and average class increases range from approximately 0.74% to 17.1% for customers that receive default service from the Company. The monthly bill of a residential default service customer using 1,000 kilowatt-hours ("kWh") per month would increase from $112.99 to $123.88.

Principal Reasons For The Proposed Increase In Rates

Five principal factors are driving the Company's need to increase its distribution rates:

1. **Growth in the Company's distribution rate base.** One of the factors driving West Penn's need for rate relief is the 12.5% growth in the Company's rate base attributable to its ongoing investment in distribution plant (including smart meter and DSIC-eligible investment). As shown in the table below, the Company's estimated rate base at December 31, 2017, as developed in Mr. D'Angelo's **West Penn Exhibit RAD-1**, is expected to be approximately $152 million greater than the level reflected in current rates:

West Penn	(thousands)
Rate Base Docket No. R-2014-2428742	$ 1,212,1855
Rate Base RAD-1 pg. 1 line 19	$ 1,364,215
Increase	$ 152,030
Percentage Change	12.5%

2. **Reduction in sales.** West Penn's projected 2017 revenue at current rates is seventeen million dollars less than the revenue requirement in the Settlement Agreement approved by the Commission at Docket No. R-2014-2428742. Sales to the residential class as a whole are expected to decrease by 1.33% annually, driven by a decline in the average usage per customer of approximately 1.45% annually over the next four years, offset

slightly by increases in the number of residential customers. The decline in the average residential usage in the Company's service area is primarily due to implementation of Pennsylvania's state-mandated energy efficiency programs (Act 129), as well as federally mandated energy efficiency lighting standards.

3. **Deferred Taxes.** West Penn's deferred tax expense for the FPFTY is higher than the amount reflected in its last base rate proceeding.

4. **Depreciation expense associated with increased investment in plant in service.** The Company has included with this filing a new service life study reflecting adoption of the Equal Life Group Method. The updated accrual rates, along with the new distribution plant, result in corresponding increases in depreciation expense.

5. **Increase in operations and maintenance ("O&M") expense.** Implementation of the Company's Commission-approved Long Term Infrastructure Improvement Plan ("LTIIP") will drive higher O&M expenses as work included in the LTIIP has an on-going O&M component in addition to the capital component. In addition, the Company has budgeted increases in vegetation management, facility repairs and substation maintenance, as part of its on-going efforts to enhance reliability. Finally, the Company continues to experience increased uncollectible accounts expense.

Notwithstanding its success in containing O&M expenses and due in large part to its substantial investment in utility plant, West Penn's overall rate of return, at present rates, is projected to be only 4.14% for the fully projected future test year. More importantly, the indicated return on common equity under present rates is anticipated to be only 3.42%, which is inadequate by any reasonable standard.

Principal Components of the Rate Plan

The Company's Rate Plan consists of the following principal components:

1. The Company is proposing a general rate increase to its distribution rates and is also requesting increases in its Default Service Support Rider and Hourly Pricing Default Service Rider in order to fully collect the uncollectible expense associated with the provision of default service, as well as the Purchase of Receivable Program offered to Electric Generation Suppliers. In addition, the Company is proposing to include smart meter and DSIC (Distribution System Improvement Charge) investment costs in base rates.

2. The Company currently has a Smart Meter Technologies Charge ("SMT-C") Rider through which it recovers the costs of implementing its Smart Meter Plan. Because of this filing, the Company will include its 2017 smart meter costs in base rates and will maintain its SMT-C Rider rate at zero. The SMT-C Rider will remain in the Company's tariff and will be utilized to recover the

costs of its Smart Meter Plan in excess of the level of such costs included in base rates, net of applicable savings.

3. Likewise, the Company has sought the Commission's approval to implement a Distribution System Improvement Charge ("DSIC Rider") for service rendered beginning July 1, 2016 at Docket No. P-2015-2508948. The Company proposes to roll the projected DSIC Rider charges and costs into base distribution rates, and to reset the DSIC Rider to zero as of the effective date of the base rates determined in this case. The DSIC Rider will remain at zero until West Penn has added plant through its LTIIP in excess of the claimed amount included in its estimated December 31, 2017 rate base in the present case.

Customer Impact/Bill Comparisons

As previously noted, if West Penn's proposed rates were fully implemented, a residential customer of the Company using 1,000 kWh of electricity per month and receiving default service would pay a total monthly bill of $123.88. That amount is lower than the monthly bills of default service customers using 1,000 kWh per month served by the three other major EDCs in Pennsylvania not affiliated with West Penn,[1] which range from $136.37 to $156.21 under those companies' existing rates.

[1] Duquesne Light Company, PECO Energy Company and PPL Electric Utilities Corporation.

Conclusion

The Rate Plan reflects the Company's need for adequate and timely rate relief to support the substantial amounts of additional investment it will be required to make to maintain and enhance reliability, replace aging infrastructure, and fully implement its Smart Meter Plan while continuing to furnish its customers the safe, reliable and high-quality electric service they have come to expect. Accordingly, it is critically important for both the Company and its customers that the Rate Plan be approved.

WEST PENN POWER COMPANY

FILING REQUIREMENT I-A-2:

"Identify the proposed witnesses for all statements and schedules of revenues, expenses, taxes, property, valuation, and the like."

RESPONSE:

Witness	Statement Designation	Area of Testimony
C. Fullem	Statement 1	Overview of Distribution Base Rate Case Filing
R. D'Angelo	Statement 2	Revenue Requirements
K. Siedt	Statement 3	Sales & Revenue Normalization, Rate Design, and Proposed Changes in Tariff
T. Dolezal	Statement 4	Cost of Service
J. Adams	Statement 5	Cash Working Capital
L. Gifford	Statement 6	Unbundled Uncollectible Expense, Smart Meters Cost Savings Baseline, and Smart Meter Revenue Requirements
J. Spanos	Statement 7	Annual and Accrued Depreciation Service Lives
P. Ahern	Statement 8	Cost of Common Equity
J. Dipre	Statement 9	Weighted Average Cost of Capital, Capital Structure, and Cost of Long-Term Debt

WEST PENN POWER COMPANY

FILING REQUIREMENT I-A-3:

"Provide a single page summary table showing, at present and at proposed rates, together with references to the filing information, the following as claimed for the fully adjusted test year:

Revenues
Operating Expenses
Operating Income
Rate Base
Rate of Return (produced)"

RESPONSE:

	Total Distribution At Present Rates* ($ millions) (Exhibit RAD-2, Page 1, Column 6)	Total Distribution At Proposed Rates* ($ millions) (Exhibit RAD-2 Page 3, Column 20)
Revenues	$ 370	$ 464
Operating Expenses	$ 314	$ 356
Operating Income	$ 56	$ 108
Rate Base	$ 1,364	$ 1,364
Rate of Return (produced)	4.14%	7.90%

*There is an increase in the total revenue requirements because of changes in the Default Service Support Rider of $4,958.

WEST PENN POWER COMPANY

FILING REQUIREMENT I-B-1:

"Provide a corporate history including the dates of original incorporation, subsequent mergers and acquisitions. Indicate all counties, cities and other governmental subdivisions to which service is provided, including service areas outside this Commonwealth, and the total number of customers or billed units in the areas served."

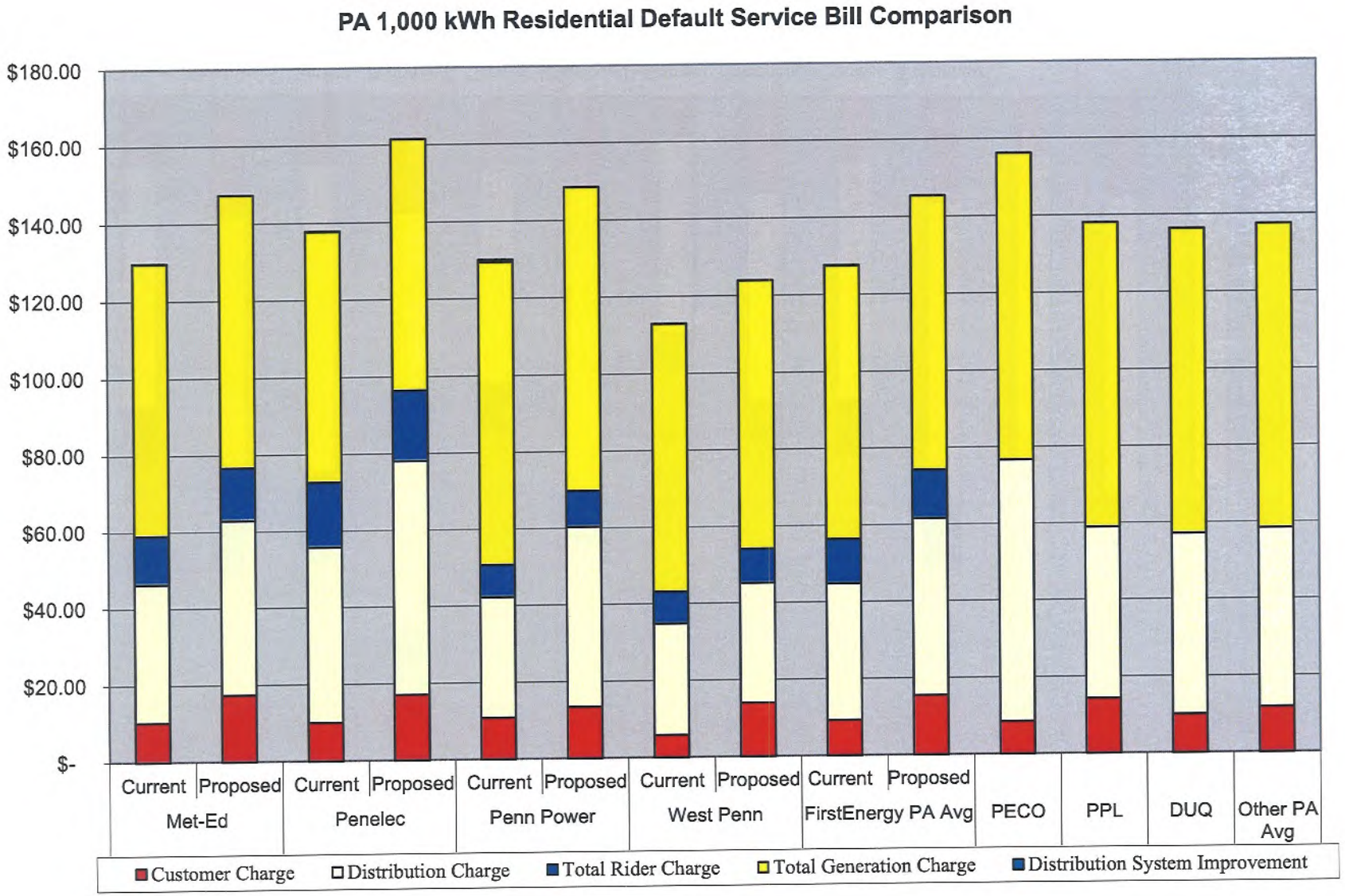
RESPONSE:

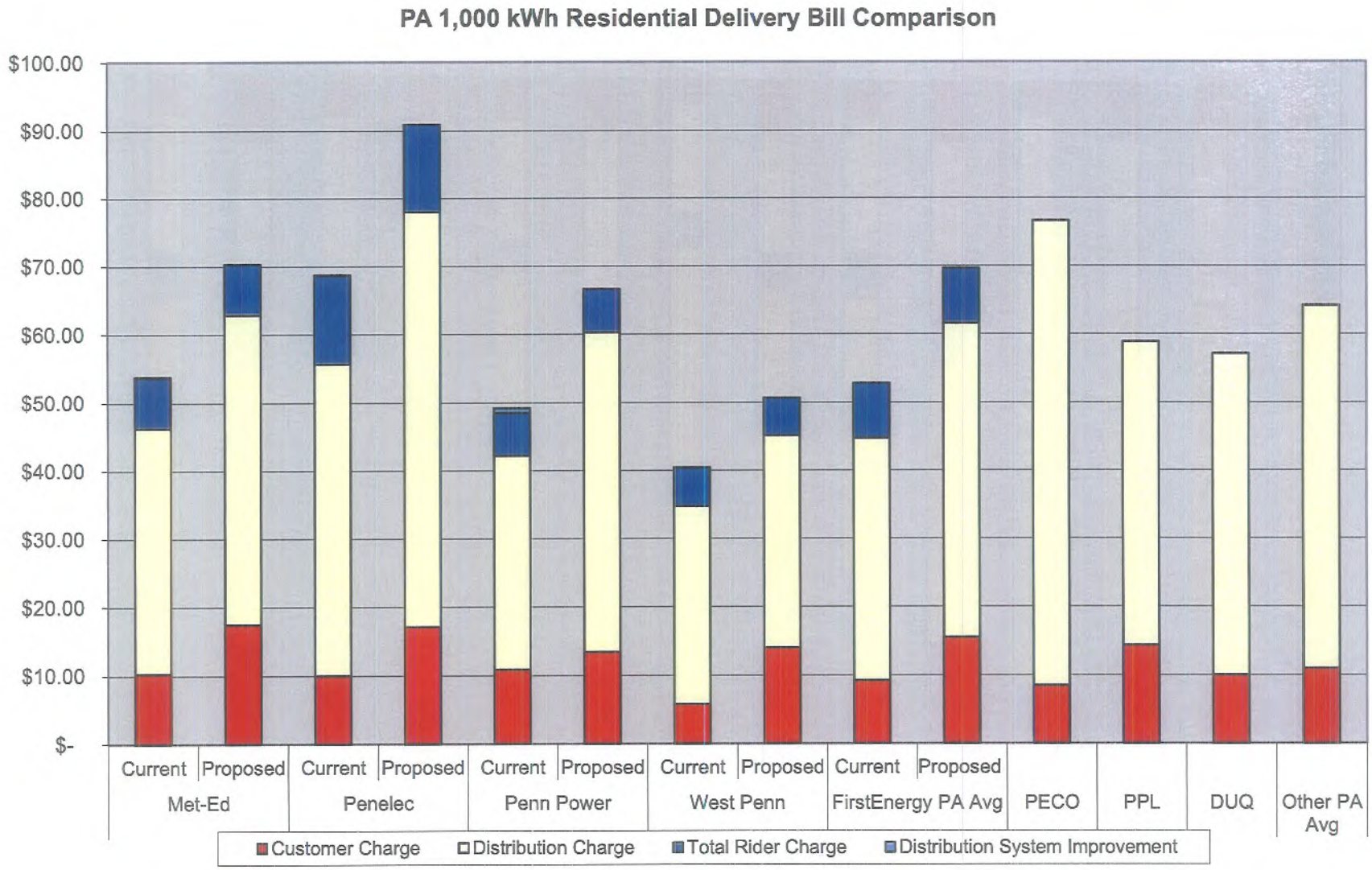
West Penn Power Company ("West Penn" or "Company"), a Pennsylvania corporation, was formed by merger of 53 companies on March 1, 1916. Since its incorporation, West Penn has acquired by purchase the properties and franchises of numerous electric light, heat and power and water power companies chartered to serve various parts of the area now embraced within West Penn's territory.

In 1960, West Penn Power Company as it was then-organized was renamed as Allegheny Power System, Inc., which was later reorganized as Allegheny Energy, Inc. in 1997. West Penn restructured in its current form as a subsidiary of Allegheny Energy, Inc. in 1998. On February 25, 2011, Allegheny Energy, Inc. merged with FirstEnergy Corp. Since that merger, West Penn has been a wholly owned subsidiary of FirstEnergy Corp.

The Company's principle business is the transmission, distribution and sale of energy in south western and central Pennsylvania. West Penn is affiliated with three other Pennsylvania electric distribution utilities (Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company), as well as six additional sister distribution utilities in New Jersey, Ohio, Maryland and West Virginia. Other affiliates include FirstEnergy Service Company (a service company) and various regulated transmission and unregulated competitive energy companies.

The Company provides retail service to approximately 721,000 customers in all or portions of twenty-three counties in the eastern and south central parts of Pennsylvania. The municipalities which the Company serves are listed in the Company's filed Electric Service Tariff, Electric Pa. P.U.C. No. 40.


PA 1,000 kWh Residential Default Service Bill Comparison
$180.00
$160.00
$140.00
$120.00
$100.00
$80.00
$60.00
$40.00
$20.00
$-
Current
Proposed
Met-Ed
Penelec
Penn Power
West Penn
FirstEnergy PA Avg
PECO
PPL
DUQ
Other PA Avg
Customer Charge
Distribution Charge
Total Rider Charge
Total Generation Charge
Distribution System Improvement


PA 1,000 kWh Residential Delivery Bill Comparison
$100.00
$90.00
$80.00
$70.00
$60.00
$50.00
$40.00
$30.00
$20.00
$10.00
$-
Current
Proposed
Met-Ed
Penelec
Penn Power
West Penn
FirstEnergy PA Avg
PECO
PPL
DUQ
Other PA Avg
Customer Charge
Distribution Charge
Total Rider Charge
Distribution System Improvement

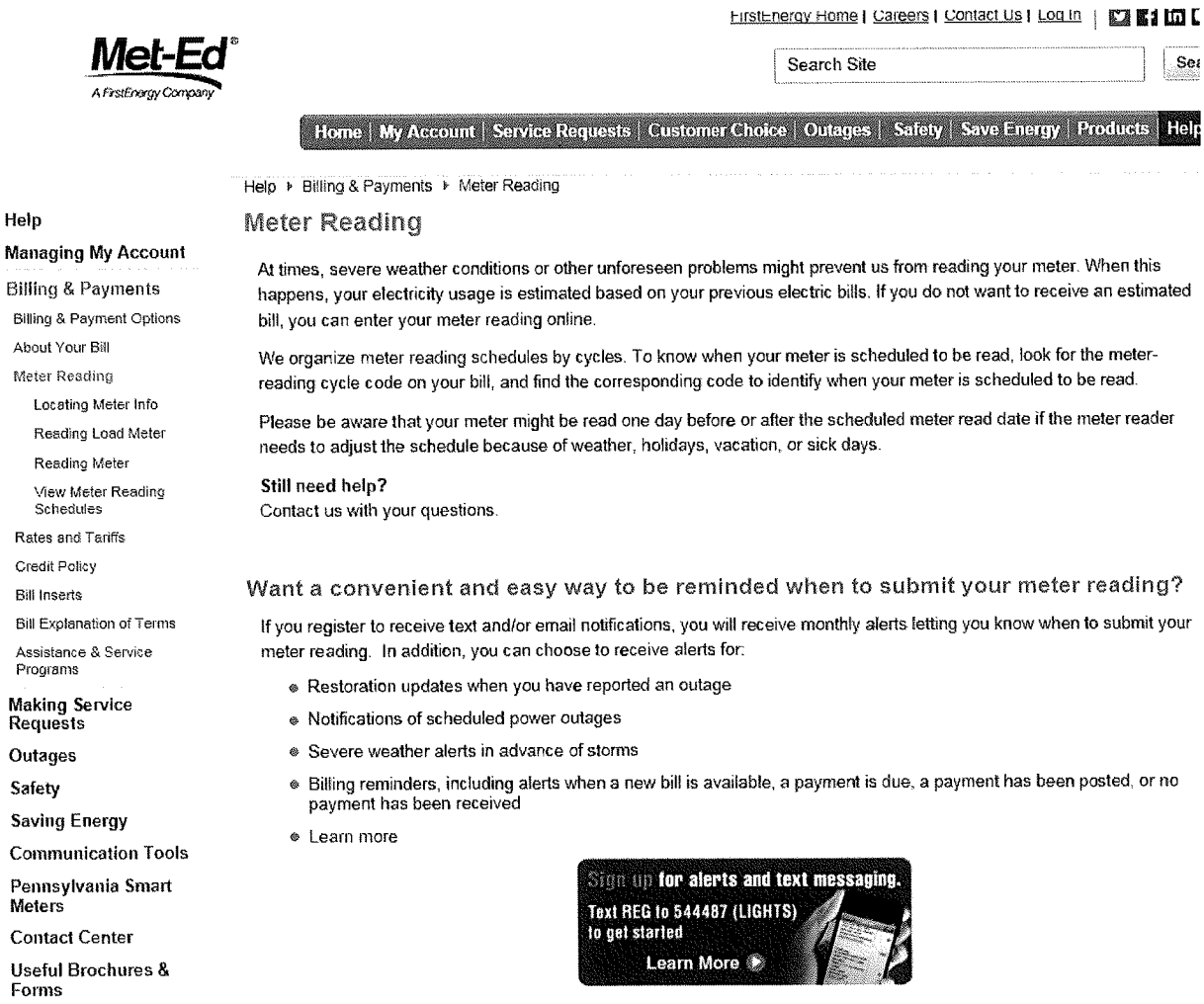
FirstEnergy Web Changes
Based on PA PUC Requirements for Meter Reading

Order:

"The Company shall revise its website and customer education materials within ninety days of the Final Order in this proceeding to explicitly inform its customers, in plain language, of the Company's standard policy to issue bills based on actual meter readings every other month. The Company's website shall also explain, in plain language, that customers may provide actual readings in months when the Company would provide an estimated bill and the procedure for self-readings."

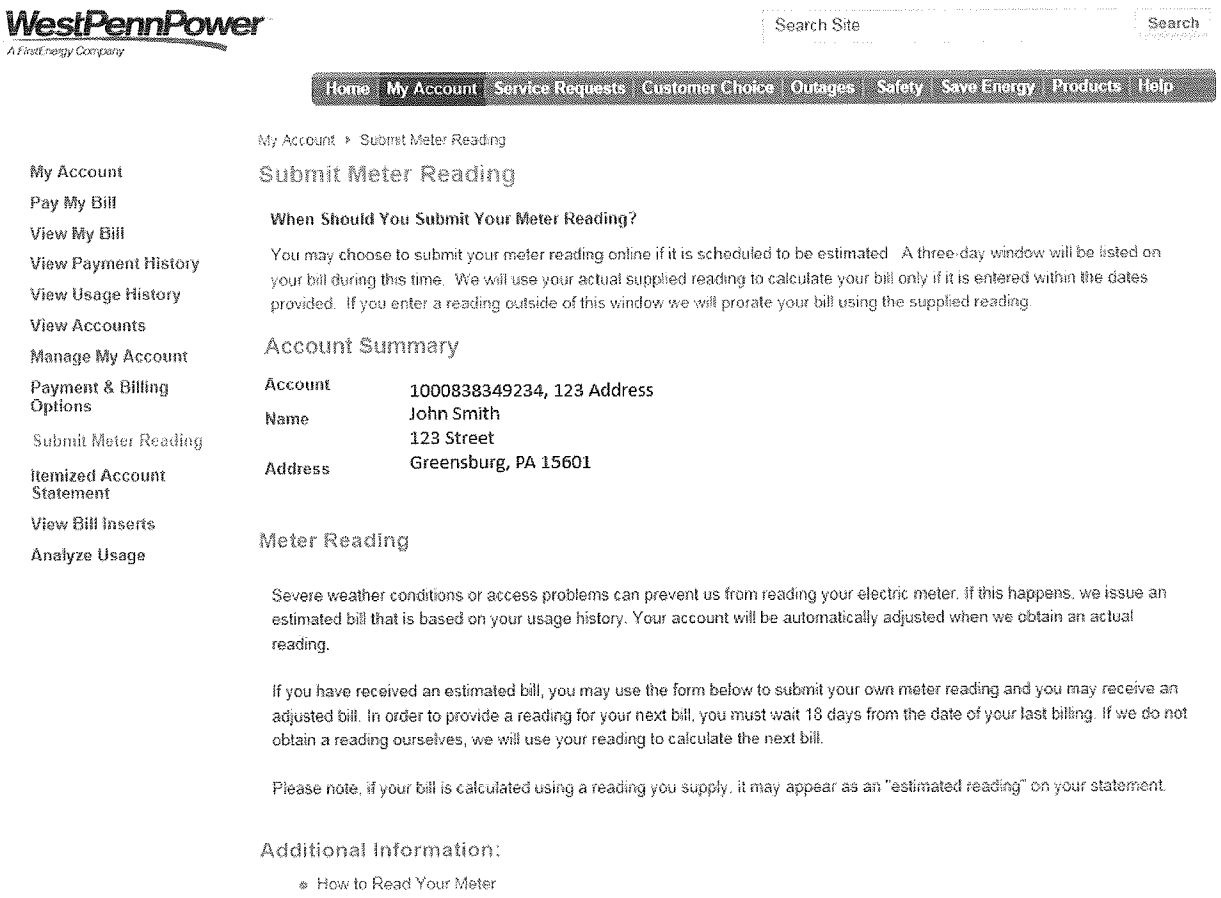
Before July 1, 2015

1. **Meter Reading (Help)**
   www.firstenergycorp.com/content/customer/my_account/Submit_Meter_Reading.html



2. Submit Meter Reading (My Account)

www.firstenergycorp.com/content/customer/my_account/Submit_Meter_Reading.html



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A FirstEnergy Company

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Home | My Account | Service Requests | Customer Choice | Outages | Safety | Save Energy | Products | Help

My Account ▸ Submit Meter Reading

My Account
Pay My Bill
View My Bill
View Payment History
View Usage History
View Accounts
Manage My Account
Payment & Billing Options
Submit Meter Reading
Itemized Account Statement
View Bill Inserts
Analyze Usage

Submit Meter Reading

When Should You Submit Your Meter Reading?

You may choose to submit your meter reading online if it is scheduled to be estimated. A three-day window will be listed on your bill during this time. We will use your actual supplied reading to calculate your bill only if it is entered within the dates provided. If you enter a reading outside of this window we will prorate your bill using the supplied reading.

Account Summary

Account	1000838349234, 123 Address
Name	John Smith
Address	123 Street Greensburg, PA 15601

Meter Reading

Severe weather conditions or access problems can prevent us from reading your electric meter. If this happens, we issue an estimated bill that is based on your usage history. Your account will be automatically adjusted when we obtain an actual reading.

If you have received an estimated bill, you may use the form below to submit your own meter reading and you may receive an adjusted bill. In order to provide a reading for your next bill, you must wait 18 days from the date of your last billing. If we do not obtain a reading ourselves, we will use your reading to calculate the next bill.

Please note, if your bill is calculated using a reading you supply, it may appear as an "estimated reading" on your statement.

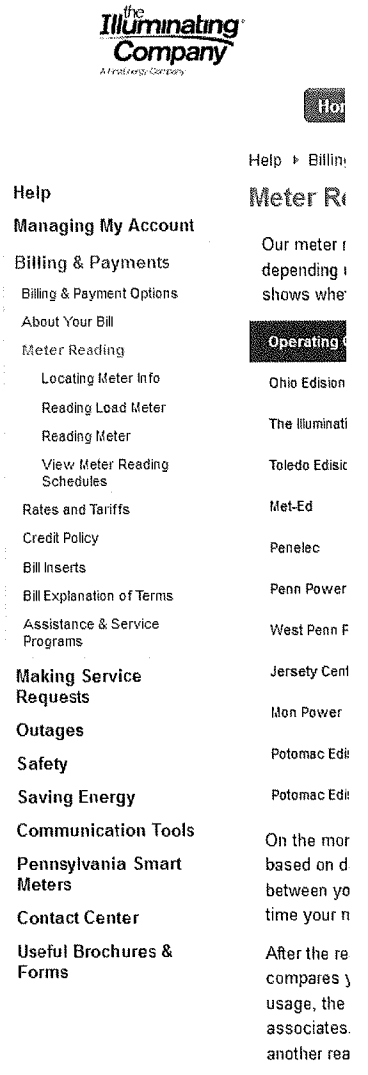
Additional Information:

- How to Read Your Meter

After July 1, 2015

1. Meter Reading (Help)

www.firstenergycorp.com/content/customer/my_account/Submit_Meter_Reading.html



We provide electricity to millions of customers and strive to deliver accurate bills every month. However, if you feel you've received a bill that is not accurate, you can read your meter and compare that reading with the one on your bill.

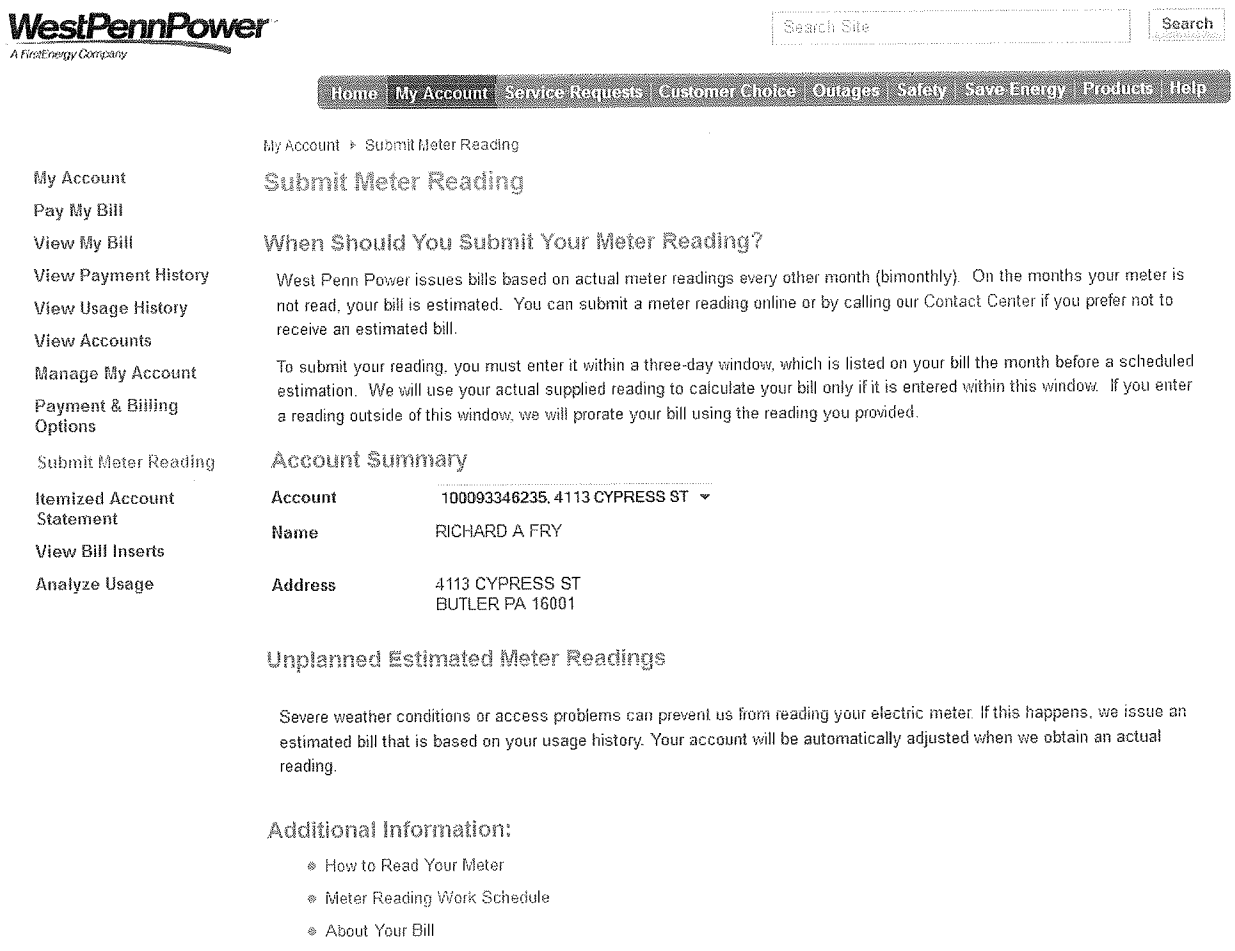
To submit your reading, you must enter it within a three-day window, which is listed under the "Messages" section on your bill, the month before a scheduled estimation. We will use your actual supplied reading to calculate your bill only if it is entered within this window. If you enter a reading outside of this window, we will prorate your bill using the reading you provided.

Unplanned Estimated Meter Readings

At times, severe weather conditions or other unforeseen circumstances might prevent us from reading your meter. On the months your meter is not read, your bill is estimated. You can submit a meter reading online or by calling our Contact Center if you prefer not to receive an estimated bill.

2. Submit Meter Reading (My Account)

www.firstenergycorp.com/content/customer/my_account/Submit_Meter_Reading.html



WestPennPower
A FirstEnergy Company

Search Site | Search

Home | My Account | Service Requests | Customer Choice | Outages | Safety | Save Energy | Products | Help

My Account ▸ Submit Meter Reading

- My Account
- Pay My Bill
- View My Bill
- View Payment History
- View Usage History
- View Accounts
- Manage My Account
- Payment & Billing Options
- Submit Meter Reading
- Itemized Account Statement
- View Bill Inserts
- Analyze Usage

Submit Meter Reading

When Should You Submit Your Meter Reading?

West Penn Power issues bills based on actual meter readings every other month (bimonthly). On the months your meter is not read, your bill is estimated. You can submit a meter reading online or by calling our Contact Center if you prefer not to receive an estimated bill.

To submit your reading, you must enter it within a three-day window, which is listed on your bill the month before a scheduled estimation. We will use your actual supplied reading to calculate your bill only if it is entered within this window. If you enter a reading outside of this window, we will prorate your bill using the reading you provided.

Account Summary

Account	100093346235, 4113 CYPRESS ST
Name	RICHARD A FRY
Address	4113 CYPRESS ST BUTLER PA 16001

Unplanned Estimated Meter Readings

Severe weather conditions or access problems can prevent us from reading your electric meter. If this happens, we issue an estimated bill that is based on your usage history. Your account will be automatically adjusted when we obtain an actual reading.

Additional Information:

- How to Read Your Meter
- Meter Reading Work Schedule
- About Your Bill

West Penn Statement No. 2

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

WEST PENN POWER COMPANY
Docket No. R-2016-2537359

Direct Testimony
of
Richard A. D'Angelo

List of Topics Addressed

Accounting and Financial Data
Budgets
Ratemaking Adjustments to Budgeted Test Year Data
Regulatory Treatment of Storm Damage Costs
Reporting Required Under Settlement Provisions
Other Filing Requirements

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DIRECT TESTIMONY
OF
RICHARD A. D'ANGELO

I. INTRODUCTION AND PURPOSE

Q. Please state your name and business address.

A. My name is Richard A. D'Angelo. My business address is 2800 Pottsville Pike Reading, Pennsylvania 19605.

Q. By whom are you employed and in what capacity?

A. I am employed by FirstEnergy Service Company as Manager – Rates and Regulatory Affairs – Pennsylvania.

Q. Please describe your responsibilities as Manager – Rates and Regulatory Affairs – Pennsylvania.

A. Generally, the Rates and Regulatory Affairs Department provides regulatory support for West Penn Power Company ("West Penn" or "Company") and its affiliated Pennsylvania operating companies (collectively referred to as the "Companies"). I am responsible to the Director of Rates & Regulatory Affairs – Pennsylvania for the development, coordination, preparation and presentation of the Companies' accounting and financial data in all their rate-related matters before the Pennsylvania Public Utility Commission ("PUC" or "Commission") and the Federal Energy Regulatory Commission ("FERC"), as well as the preparation of statements and reports addressing, among other things, energy costs, non-utility generation ("NUG") costs, quarterly earnings, and other

financial matters. Also, I am responsible for the administration of the Companies' retail and wholesale tariffs, the development of retail electric rates, and the promulgation of Company policies and practices ensuring uniform tariff administration and interpretation.

Q. What is your educational and professional background?

A. I obtained a Master's Degree in Business Administration from Pace University in 1976. I am also a graduate of Brooklyn College where I received a Bachelor of Science degree with a major in Economics. I have over thirty-nine years of experience with FirstEnergy Service Company and GPU Energy. My work experience is more fully described in Appendix A to this testimony.

Q. Have you previously testified in regulatory proceedings?

A. Yes. As set forth in Appendix A, I have previously testified before the Commission, as well as the New Jersey Board of Public Utilities, the New York State Public Service Commission and, at the federal level, before FERC.

Q. On whose behalf are you testifying in this proceeding?

A. I am testifying in this proceeding on behalf of West Penn.

Q. Please describe the purpose of your direct testimony.

A. The general purpose of my testimony is to describe and support: (i) various accounting, rate case, and other financial data that are being submitted in response to the filing requirements for an electric utility base rate case proceeding; (ii) the budgeted level of capital and operation and maintenance ("O&M") expenses; (iii)

ratemaking adjustments to the budgeted test year rate base and operating income statement; (iv) the updated amount of smart meter costs included in base rates; (v) the continuing regulatory treatment of ongoing storm damage costs through the storm reserve established in accordance with the terms and conditions of the Joint Petition for Partial Settlement of Rate Investigation ("2015 Settlement") agreement at Docket No. R-2014-2428742; and (vi) financial reports reflecting actual expenses and rate base additions for the twelve months ended April 30, 2016 as required by Paragraph 6 of the Terms and Condition section of the 2015 Settlement.

Q. Have you prepared exhibits to accompany your testimony?

A. Yes. West Penn Exhibits RAD-1 through RAD-67 were prepared by me or under my supervision. My testimony will focus primarily on West Penn Exhibit RAD-1, which sets forth the Company's proposed rate base at December 31, 2017, i.e., the end of the fully projected future test year ("FPFTY") being utilized in this proceeding, and West Penn Exhibit RAD-2, which provides a detailed income statement and support for certain normalization and annualization adjustments to the budgeted FPFTY data. The remaining exhibits, for the most part, comprise responses to those Commission base rate filing requirements for which I am responsible.

Q. Please identify those witnesses whose testimony relates to and supports your testimony and exhibits.

A. Kevin M. Siedt (West Penn Statement No. 3) supports the pro forma levels of energy sales, normalized revenues and late payment charges ("LPCs") utilized to determine the need for rate relief. Mr. Siedt also details the proposed rate design and various rider modifications.

Thomas J. Dolezal (West Penn Statement No. 4) explains the cost of service study he performed along with how various cost of service components (e.g., rate base, expenses) attributable to FERC jurisdictional service, where appropriate, were identified and removed from the determination of the distribution revenue requirement.

Jeffrey L. Adams (West Penn Statement No. 5) supports the Company's cash working capital requirements.

Laura W. Gifford (West Penn Statement No. 6) describes and supports the normalization of uncollectible accounts expense. She discusses the availability to the Company of its Smart Meter Technologies Charge Rider when the smart meter capital and O&M expense revenue requirements included in base rates are exceeded or when billable savings are achieved.

John J. Spanos (West Penn Statement No. 7) supports the depreciation accrual rates used to develop depreciation expenses for the FPFTY. In particular, he discusses the depreciation studies performed and the procedures utilized for calculating annual depreciation accrual rates using the Equal Life Group ("ELG") method.

Pauline M. Ahern (West Penn Statement No. 8) develops and supports the Company's requested return on common equity of 10.90%.

Joseph Dipre (West Penn Statement No. 9) presents the Company's proposed capital structure ratios and weighted average cost of long-term debt.

II. ACCOUNTING AND FINANCIAL DATA

Q. Does the Company adhere to a system of accounts prescribed by the Commission?

A. Yes. The Company's accounting records are maintained in accordance with the Commission's regulations at 52 Pa. Code § 57.41 *et seq.* and in conformity with the Uniform System of Accounts prescribed by the FERC and adopted by the Commission.

Q. Are the accounting records of West Penn audited?

A. Yes. West Penn's financial records are audited at least annually by an independent certified public accounting firm. In addition, the FERC conducts periodic compliance audits to confirm that the Company is keeping its accounts in conformity with the Uniform System of Accounts. Apart from conducting its own audits, the staff of the PUC reviews the findings of FERC's audits. Other independent agencies also have the authority to audit the Company's records on a recurring basis, including the Internal Revenue Service and the Securities and Exchange Commission. In addition, the PUC audit staff and the Pennsylvania Department of Revenue staff perform annual audits of the Company's cost recovery rider mechanisms and sales and use tax filings.

Q. Have original cost determinations been made of West Penn's utility plant?

A. Yes. For West Penn, an original cost determination was made as of December 31, 1943, by Order of the Commission dated July 10, 1945 at Docket No. 50.

Since the dates noted above, West Penn has maintained its continuing property records in accordance with the approved plans.

III. BUDGETS

Q. Mr. D'Angelo, are you familiar with the process by which West Penn budgets future capital expenditures, revenues and operating expenses?

A. Yes, I am. In general, the budgeting process involves: (1) the establishment of documented and well-supported goals, objectives and guidelines; (2) intensive reviews and refinements by all levels of management and functional staffs; and (3) careful scrutiny and ultimate approval by appropriate senior management.

Q. How were the Company's budgets utilized to develop the claimed revenue requirements in this proceeding?

A. They provided the starting point for determining the claimed rate base at December 31, 2017 and operating income for the twelve months ending that date. Specifically, I consolidated budgeted monthly data for the months of January through December from the forecast to develop the "Per Budget" amounts set forth in Column 1 of each of West Penn Exhibits RAD-1 and RAD-2.

Q. Did you update any of the budgeted data for purposes of this rate filing?

A. Yes. Since the completion of the capital budget, certain revisions were made to the forecasted capital structure and those changes have been reflected by Mr. Dipre in his testimony and exhibits.

Q. What opinion, if any, do you have as to the budgeted levels of capital and expense?

A. In my opinion, the budgeted levels of capital and expense are reasonable estimates of what West Penn can expect to experience during the FPFTY prior to recognition of the appropriate ratemaking adjustments reflected in West Penn Exhibits RAD-1 and RAD-2.

IV. RATEMAKING ADJUSTMENTS TO BUDGETED TEST YEAR DATA

A. Rate Base At December 31, 2017

Q. Please generally describe West Penn Exhibit RAD-1.

A. This exhibit sets forth West Penn's proposed overall distribution rate base and smart meter rate base at December 31, 2017. Column 1 on page 1 of Exhibit RAD-1 provides budgeted amounts; column 2 adjusts various components; and column 3 reflects the adjusted rate base. The remaining columns on page 1 break the adjusted rate base into separate distribution and smart meter rate base elements.

The adjustments to the budgeted rate base data, along with a detailed explanation of each adjustment, are contained on pages 2 through 11 of West Penn Exhibit

RAD-1 and are referenced on page 1 by adjustment number. The adjustments are designed to:

- Remove asset retirement costs ("ARCs"), remove FERC-jurisdictional gross plant; remove allocated portion of intangible and general plant associated with FERC transmission plant; and remove Plan B smart meters;
- Reflect adjusted depreciation reserves applicable to rate base;
- Reflect inclusion of light emitting diode ("LED") street lights in accordance with the Company's latest work plan;
- Eliminate plant held for future use;
- Reflect in base rates the smart meter investment and related depreciation reserves;
- Reflect cash working capital requirements;
- Reflect material and supplies ("M&S") inventories;
- Reflect in rate base the additional unrecovered legacy meter investment which was transferred from a plant in service account to a regulatory asset account and Plan B smart meters;
- Reflect unamortized deferred storm damage expenses and the storm reserve balance established in the 2015 Settlement as an addition to rate base;
- Adjust accumulated deferred income taxes – liberalized depreciation; and
- Adjust operating reserves, net of tax, to remove FERC jurisdictional allocations.

Q. Please describe Adjustment No. 1 – Electric Plant in Service.

A. This adjustment eliminates from plant in service accounts: (1) ARCs; and (2) FERC Transmission Plant, including allocated portions of Intangible and General Plant, based on the results of a separations study described by Mr. Dolezal in

West Penn Statement No. 4. The adjustment also reflects the inclusion of LED street lights in accordance with the Company's latest work plan.

Q. What are ARCs?

A. ARCs apply to all legal obligations associated with the retirement of long-lived assets that result from construction under Financial Account Standards Board Statement No. 143 ("FAS-143"). FAS-143 requires that the fair value of a liability for an asset's retirement obligation ("ARO") be recognized in the period in which it is incurred. The associated ARCs are capitalized as part of the carrying amount of the long-lived assets. ARCs increase the carrying amount of a long-lived asset when a liability for an ARO is recognized and is depreciated over the life of the asset. The ARCs and related depreciation reserve are excluded from rate base, while the associated depreciation expense is excluded from the income statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18, Asset Retirement Obligations.

Q. What is West Penn's position on plant held for future use?

A. Historically, West Penn claimed in rate base those investments in plant held for future use that were expected to be utilized within ten years of the test period. The ten-year window reflected the Commission's prior policy of allowing such investments where definitive plans for utilizing the investment within the ten-year period existed. Under current Commission policy, investments in plant held for future use are excluded from rate base, but allowed to accrue carrying charges

provided they satisfy the ten-year test. Adjustment No. 2 is designed to comply with that policy.

Q. Please describe Adjustment No. 3 – Depreciation Reserve - Electric Plant in Service.

A. This adjustment removes from the budgeted depreciation reserve those portions attributable to the plant eliminated in Adjustment No. 1.

Q. What is the purpose of Adjustment No. 4 – Cash Working Capital?

A. This adjustment includes the cash working capital requirements described by Mr. Adams in West Penn Statement No. 5 and computed by him in West Penn Exhibit JLA-1.

Q. Please describe Adjustment No. 5 – M&S Inventories.

A. This adjustment includes the Company's allocated portion of the materials and supplies inventory maintained by the FirstEnergy Service Company at December 31, 2015. The historic test year ("HTY") year-end balance was used because the Company does not budget M&S inventories. West Penn Exhibit RAD-13 provides a monthly breakdown of M&S inventories for the thirteen months ended December 31, 2015.

Q. Please describe Adjustment No. 6 – Legacy Meters.

A. In its March 6, 2014 Order at Docket Nos. M-2013-2341990, et al., approving the Companies' Smart Meter Deployment Plans, the Commission directed that the cost of removing legacy meters (i.e., meters to be replaced by the installation of

smart meters) be charged to the regulatory asset account containing the legacy meters and recovered, along with the unrecovered investment in those meters, over the remaining lives of those meters. This adjustment adds back to rate base the unamortized regulatory asset account, net of accrued depreciation and amortization, plus the estimated cost of removal. The 2015 Settlement established the recovery period for legacy meters at five years.

Plan B smart meters are included in the regulatory asset for West Penn legacy meters. Plan B smart meters previously were included in plant in service but will be replaced by smart meters during the roll out of the program, thus becoming legacy meters. In its March 6, 2014 Order at Docket No. M-2013-2341994, the Commission authorized the Company to create a regulatory asset for existing meters currently in place to be replaced by smart meters referring to all such meters as legacy meters.

Q. What is the purpose of Adjustment No. 7 – Deferred Storm Damage Expenses?

A. Adjustment No. 7 includes in claimed rate base certain unamortized storm damage costs, the recognition of which had been previously deferred and recovery authorized in accordance with previous Commission orders. The specific costs deferred by West Penn, and citations to the Commission orders approving their deferral, are provided on page 8 of Exhibit RAD-1. Recovery of these deferred storm damage costs and the accounting for the storm reserve commenced May 2015 in accordance with the terms and conditions of the 2015 Settlement. The

2015 Settlement also provided for a storm reserve account to be established and maintained on the Company's balance sheet. Accordingly, the storm reserve account balance has been included in rate base. Details of year-by-year storm costs for the FPFTY, the future test year ("FTY"), the HTY and four previous calendar years appear in West Penn Exhibit RAD-63.

Q. **Please describe Adjustment No. 8 -- Accumulated Deferred Income Taxes – Liberalized Depreciation.**

A. Adjustment No. 8 adjusts the budgeted deferred tax balances for liberalized depreciation, excluding the impact of Statement of Financial Accounting Standards No. 109 deferrals, to eliminate: (1) other excludable items (capital leases); (2) remaining state income tax deferrals, including the benefit of those income taxes; and (3) an allocated portion of the remaining federal deferred income taxes associated with FERC transmission plant.

Q. **Please describe Adjustment No. 9 – Operating Reserves.**

A. Adjustment No. 9 adjusts operating reserves, net of accumulated deferred income taxes, to eliminate an allocated portion associated with FERC transmission operations.

Q. **After taking into account the foregoing adjustments, what is West Penn's claimed distribution rate base?**

A. West Penn's claimed distribution rate base equals $1,364,215,000, of which $85,794,000 represents the Company's smart meter investment.

Q. What is contained on page 11 of West Penn Exhibit RAD-l?

A. This page sets forth West Penn's claimed overall rate of return, including its proposed capital structure ratios, weighted average cost of long-term debt and requested return on common equity. Those findings, which are presented and supported by Mr. Dipre and Ms. Ahern, are summarized below:

West Penn	Capital Structure Ratio	Cost Rate	Weighted Cost Rate
Long-Term Debt	49.7%	4.87%	2.42%
Preferred Stock	---	---	---
Common Equity	50.3%	10.9%	5.48%
	100.0%		7.90%

B. Statement Of Operating Income For The Twelve Months Ending December 31, 2017

Q. What is contained in West Penn Exhibit RAD-2?

A. West Penn Exhibit RAD-2 contains the budgeted and pro forma statements of net utility operating income for the FPFTY ending December 31, 2017. The first three pages summarize the budgeted and adjusted results of operations at present and proposed rates; the next three pages break down the revenue requirement by component part (e.g., distribution, smart meter and total distribution); and the remaining pages, starting at page 7, document the specific adjustments made to normalize and annualize the budgeted data.

The adjustments are designed to:

- Annualize the number of customers, usage and sales at FPFTY year-end levels and roll in Distribution System Improvement Charge ("DSIC") revenues;

- Roll into base rates revenues associated with the State Tax Adjustment Surcharge ("STAS");
- Eliminate DSIC rider revenues;
- Eliminate non-jurisdictional "Other Operating Revenues," as applicable and normalize LPC revenues;
- Annualize payroll and employee benefit costs to reflect anticipated employee levels and benefits;
- Calculate net negative salvage based on a five-year average of net salvage, consistent with Commission practice;
- Normalize pension expense to reflect a ten-year average of cash contributions consistent with the approach approved by the Commission in prior proceedings;
- Normalize other post-employment benefits ("OPEBs") to reflect the actual ongoing level of service costs charged to expense consistent with the approach used in the past with Commission approval;
- Normalize depreciation accruals to reflect utility plant in service as of the end of the FPFTY using ELG depreciation rates;
- Normalize rate case expenses to reflect a two-year cost recovery period;
- Eliminate non-jurisdictional O&M expenses;
- Normalize O&M expenses associated with serving new customers;
- Normalize customer accounts expenses for interest on customer deposits;
- Normalize safety-related O&M expenses;
- Amortize the investments in "legacy" meters made after the last base rate case that are being replaced by smart meters over the remaining thirty-nine month amortization period and amortize Plan B smart meters over the same remaining thirty-nine month amortization period;
- Adjust taxes other than income; and
- Normalize the amortization of investment tax credits.

Q. Is West Penn seeking to recover any acquisition premium or other transaction costs associated with the FirstEnergy/Allegheny merger as part of the revenue requirement in this case?

A. No. There is no provision in the budget for, nor has any adjustment been made to include, an amortization of the acquisition premiums or other transaction costs associated with the FirstEnergy/Allegheny merger.

Q. Please describe Adjustment No. 1 – Base Operating Revenues.

A. This is an adjustment to base operating revenues to: (1) annualize changes in the number of customers; (2) roll in STAS revenues; (3) roll in DSIC revenues; (4) normalize the sales and revenue effects of energy efficiency measures implemented or to be implemented under the Company's Energy Efficiency and Conservation Phase III Plan[1] and to reflect the impact of behind-the-meter generation; (5) normalize Other Revenue; and (6) eliminate unbilled revenue. Parts (1) through (5) of this adjustment are discussed in detail by Mr. Siedt in West Penn Statement No. 3. I address item (6). By way of background, unbilled revenue has been included in the budget projection to reflect revenues for service rendered but not billed as of the end of each accounting period. Items that produce unbilled revenue include such things as increases in rates and increases in the number of customers. In developing pro forma revenues for ratemaking purposes, separate adjustments are being made to annualize and normalize the revenue effect of such factors. Therefore, to eliminate any duplication of revenue

[1] As approved by the Commission at Docket No. M-2015-2514772 on March 10, 2016.

for ratemaking purposes, unbilled revenue must be eliminated, which is done in Adjustment No. 1.

Q. Please describe Adjustment No. 2 – STAS Revenues.

A. This adjustment eliminates budgeted test year revenues projected to be billed under the STAS Rider. Because all state taxes are included in distribution base rate revenue requirement, no revenues will be billed under the STAS Rider. As the Company did not forecast any charge under its STAS Rider, the adjustment is zero.

Q. Please describe Adjustment No. 3 –DSIC Revenues.

A. This adjustment eliminates revenues projected to be billed under the Company's DSIC Rider as currently proposed and pending before the Commission.[2] Because all of the FPFTY capital additions contemplated to be associated with the DSIC Rider are included in the Company's distribution base rate revenue requirement, no costs related to those additions will be billed under the DSIC Rider if the proposed rates are approved as filed.

Q. Please describe Adjustment No. 4 – Other Operating Revenues.

A. This adjustment: (1) normalizes LPC revenues; and (2) eliminates projected non-jurisdictional FERC transmission revenues from electric revenues projected for the FPFTY.

Q. What is the purpose of Adjustment No. 5 - Distribution Expense?

[2] Petition of West Penn for Approval to Establish and Implement a DSIC at Docket No. P-2015-2508948.

A. This adjustment: (1) normalizes West Penn's and FirstEnergy Service Company's payroll expense to reflect year-end wage and employee levels; (2) eliminates non-jurisdictional transmission expenses; (3) excludes the transmission portion of the amortization of gains or losses to reacquire debt, where applicable, based on the results of the separation study described by Mr. Dolezal in West Penn Statement No. 4; and (4) normalizes additional O&M expenses for contractor safety requests.

Supporting Schedule No. 1 develops the payroll expense to reflect FPFTY year-end wage and employee levels for both the Company and FirstEnergy Service Company employees. The O&M payroll expense for the Company and FirstEnergy Service Company is then allocated to individual Price to Compare, Transmission, Distribution, Customer Accounts, Customer Service and Administrative and General components. These amounts are utilized in subsequent adjustments.

Q. Please describe Adjustment No. 6 – Customer Accounts Expense.

A. Customer Accounts expense is adjusted to reflect FPFTY year-end wage and employee levels for the Company and FirstEnergy Service Company personnel (developed in Adjustment No. 5, Supporting Schedule No. 1), increased costs associated with adding new customers, and interest on customer deposits.

Supporting Schedule No. 1 develops the Other O&M expenses associated with serving new customers reflected in Adjustment No. 1. The Commission has previously approved an adjustment to customer accounts expense in recognition

of this increased cost. This cost is estimated by determining the ratio of non-payroll customer account expense to distribution revenues from customers and applying this ratio to the additional revenue received from the additional customers.

Supporting Schedule No. 2 captures the cost of interest West Penn is required to pay on residential and non-residential customer deposits given that the customer deposits are deducted from rate base.

Q. What is the purpose of Adjustment No. 7 – Customer Service and Information Expense?

A. Customer Service and Information Expense is adjusted to reflect the FPFTY year-end wage and employee levels for the Company and FirstEnergy Service Company that were developed in Adjustment No. 5, Supporting Schedule No. 1.

Q. Please describe Adjustment No. 8 – Administrative and General Expense.

A. Administrative and General Expense is adjusted to reflect: (1) FPFTY year-end wage and employee levels for the Company and FirstEnergy Service Company that were developed in Adjustment No. 5, Supporting Schedule No. 1; (2) OPEBs at the service cost level; (3) pension expense at the ten-year average cash contribution level; (4) employee benefit expense at FPFTY year-end personal and wage levels; (5) the elimination of non-jurisdictional administrative and general expenses based on the results of the separations study sponsored by Mr. Dolezal (West Penn Statement No. 4); and (6) the normalization of current rate case expenses over a two-year period.

Supporting Schedule No. 1 adjusts the budgeted level of OPEB expenses to the service cost level. The budgeted OPEB expense consists of the current service cost, adjustments to prior years' service costs, and the financing component. The service cost represents the actuarial present value of benefit liabilities accrued under the plan benefit formula for services rendered during the test year. Inclusion of the service cost in rates provides for recovery of the current cost of benefits earned by plan participants. Any excess or shortfall related to the expected return on plan assets is excluded because its inclusion would artificially reduce or increase total costs and result in the recovery of more or less than the normal ongoing cost of service. The adjustment to restate OPEB expense at the current service cost level was originally adopted by the Commission at Docket Nos. R-00061366 and R-00061367 and included in the 2015 Settlement.

Supporting Schedule No. 2 normalizes the budgeted level of pension expense to appropriately reflect a ten-year historical average level of actual cash contributions to the pension plan under the methodology that was originally adopted by the Commission at Docket Nos. R-00061366 and R-00061367 and included in the 2015 Settlement.

Supporting Schedule No. 3 uses the O&M payroll expense developed in Adjustment No. 5, Supporting Schedule No. 1 to normalize the employee benefits costs charged to Administrative and General expense.

Q. Please describe Adjustment No. 9 – Depreciation Expense.

A. Budgeted Depreciation Expense is adjusted: (1) to reflect the application of ELG depreciation rates to claimed plant in service; (2) to remove depreciation expense attributable to non-jurisdictional assets; and (3) to restate the cost of removal/salvage expense on a five-year average basis removing the component associated with legacy meters consistent with Commission practice. The application of ELG depreciation rates is discussed in detail by Mr. Spanos in West Penn Statement No. 7.

Q. Please describe Adjustment No. 10 – Amortization Expense.

A. Amortization expenses included in the budget were adjusted to: (1) eliminate transmission vegetation management costs; (2) eliminate smart meter amortization; (3) include amortization for additional unrecovered legacy meters over the remaining thirty-nine month amortization period; and (4) amortize unrecovered Plan B smart meters over the remaining thirty-nine month amortization period for other legacy meters.

Supporting Schedule No. 1 develops the appropriate annual amortization allowances for the additional legacy meters and the Plan B smart meters. In its March 6, 2014 Order at Docket No. M-2013-2341994, the Commission authorized the Company to create a regulatory asset for its existing meters currently in place to be replaced by smart meters referring to all such meters as legacy meters.

Q. Please describe Adjustment No. 11 – Taxes Other Than Income Taxes.

A. Taxes Other Than Income Taxes included in the budget were adjusted to: (1) eliminate non-jurisdictional payroll taxes; (2) reflect Pennsylvania gross receipts tax ("GRT") at 5.9% for normalized sales revenues; (3) eliminate non-jurisdictional expense portions of Public Utility Realty Tax, and other real estate taxes; and (4) adjust payroll tax expense based on annualized payroll and employee levels.

The adjustments to remove the non-jurisdictional portion of payroll taxes, the Capital Stock Tax, Public Utility Realty Tax, and other real estate taxes are based on the results of the separation study performed by Mr. Dolezal.

Supporting Schedule No. 1 shows the calculation of Federal Insurance Contributions Act tax associated with the annualized O&M payroll expense developed in Adjustment No. 5, Supporting Schedule No. 1.

Q. Please describe briefly the computation of federal and state income taxes as reflected in Adjustment No. 12.

A. This schedule begins with the computation of the $103,159,000 net operating income before income taxes from data shown on page 1 of West Penn Exhibit RAD-2 (line 6 less line 15 of column 3 on page 1). The revenues and expenses used to calculate the federal and state income taxes in Adjustment No. 12 are divided into columns corresponding to the components shown on pages 1-3 of this exhibit (Distribution, Smart Meter, Price To Compare, Universal Service, Energy Efficiency and Default Service Support) to derive net operating income before income taxes. From that amount, interest was deducted. Interest was calculated

by multiplying the adjusted rate base by the weighted average cost of long-term debt. The resulting figure is net income before income taxes as shown on line 10.

Three adjustments (lines 11, 13 and 15) were made to increase taxable income. The first reflects the five-year amortization of net salvage. The second increases net income by adding back the amortization amount for legacy meters, while the third increases net income by adding back the cash pension contribution included in pro forma O&M expenses. This is because neither of these items represent a current deduction for tax purposes.

The remaining two adjustments (lines 12 and 14) are deductions from taxable income. The first adjusts depreciation to reflect accelerated depreciation, where permitted, on eligible property as of December 31, 2017. The second reflects cost of removal $9,873,000 for West Penn that may be claimed as a current deduction for tax purposes. The net amount of these adjustments is included in the net income before federal and state income taxes to determine the income subject to state income tax. State taxable income is adjusted for limitations on federal bonus tax depreciation that is allowed for state income tax purposes. Detailed calculations of the limitations of federal bonus tax depreciation allowed for state income tax purposes are provided in West Penn Exhibit RAD-65. The adjustment to taxable income is reflected on lines 18 through 20. The state and federal income tax calculations then follow. The state and federal income taxes are computed at the statutory rates of 9.99% and 35%, respectively.

Supporting Schedule No. 1 allocates tax depreciation into cost of removal, smart meter and distribution and removes the FERC non-jurisdictional tax depreciation.

Q. Please describe Adjustment No. 13 – Provision for Deferred Income Taxes.

A. This adjustment eliminates from the budgeted Provision for Deferred Income Taxes all deferred taxes except the federal deferred taxes associated with liberalized depreciation. Additionally, federal deferred taxes for liberalized depreciation are adjusted to reflect plant in service as of the end of the FPFTY. Detailed calculations of the federal deferrals are provided in West Penn Exhibit RAD-41.

The computation for post-1969 through 1980 "expansion" property is based on the difference between accelerated depreciation (calculated using the Sum of the Years Digits method and taxable lives based on the Asset Depreciation Range) and straight-line depreciation using "guideline" lives. The computation for 1981 and subsequent property begins by determining the difference between tax depreciation using the Accelerated Cost Recovery System and the Modified Accelerated Cost Recovery System and straight-line depreciation (using book rates and tax basis).

The federal tax rate of 35% was applied to the amounts calculated in the manner described above and compared to the tax to be booked during the test year to determine the adjustment to deferred taxes.

The state deferred taxes associated with liberalized depreciation pertain only to FERC jurisdictional property and have been eliminated. The deferred taxes

associated with other miscellaneous items have been eliminated because the associated income has not been included in the calculation of taxable income used to compute federal and state taxes included in the Company's revenue requirement.

Q. Please describe Adjustment No. 14 – Investment Tax Credit ("ITC").

A. This adjustment eliminates the non-jurisdictional portion of ITCs for West Penn based on the results of the separation study performed by Mr. Dolezal.

Q. What is West Penn's claimed additional distribution revenue requirement?

A. Reflecting all of the adjustments to the budget data discussed above, West Penn's net utility operating income for the FPFTY at present rates is $56,454,000 (page 1, column 6, line 24). This amount, compared to the $107,809,000 shown on page 3, column 20, line 24, shows that $51,355,000 in additional return is required for West Penn to achieve an overall return of 7.90% on its distribution rate base. This translates into an additional base rate revenue requirement, or revenue deficiency under existing rates, of $93,270,000, as shown on page 2, column 13, line 6.

Q. What is contained in West Penn Exhibits RAD-3, RAD-4, RAD-5 and RAD-6?

A. West Penn Exhibits RAD-3 and RAD-5 set forth the Company's rate base at December 31, 2016 and 2015, respectively. West Penn Exhibits RAD-4 and RAD-6 set forth the Company's operating income statements with normalizing

adjustments for the FTY (twelve months ending December 31, 2016) and the HTY (twelve months ended December 31, 2015), respectively.

While the specific numbers differ, these two sets of exhibits are identical in format and concept to West Penn Exhibits RAD-1 and RAD-2 and the description of the filing format in my testimony applies equally to them.

V. REGULATORY TREATMENT OF STORM DAMAGE COSTS THROUGH A STORM RESERVE

Q. How has the Commission historically treated storm damage costs for ratemaking purposes?

A. As in the case of other operating expenses, utilities have been allowed to include a normal, ongoing level of storm damage costs in their base rate revenue requirement. In addition, utilities have been permitted to request authorization to defer, for accounting purposes, extraordinary storm damage costs, with the understanding that rate recovery of the deferred costs would be addressed in a future base rate proceeding. The recovery of ongoing storm damage costs through the storm reserve was established in the Terms and Conditions, paragraph 5 of the 2015 Settlement. In accordance with the Commission's policy and prior rulings regarding the ratemaking treatment of extraordinary storm damage, the Company has included in its FPFTY revenue requirement a normalized level of storm damage costs and continuing rate recovery of previously authorized deferrals of extraordinary storm damage costs identified in the Settlement (see West Penn Exhibits RAD-1 and RAD-2).

Q. Is West Penn proposing any changes to the recovery of storm damage expense in this filing?

A. No. West Penn is proposing to continue recovering storm damage costs, excluding expenses related to damage from extraordinary storm events, through the storm reserve mechanism established in the 2015 Settlement at the same level established in that base rate proceeding. The storm reserve has only been in place since May 2015 but appears to be working as the Settlement parties envisioned. Therefore, the budget reflects a booking to the amortization account of the difference between the storm reserve revenues, less GRT, and the base line storm O&M expenses reflected in West Penn Exhibit RAD-63 for the FPFTY.

Q. What is the normalized, ongoing amount of storm damage O&M expense budgeted for the twelve months ending December 31, 2017?

A. West Penn Exhibit RAD-63 sets forth budgeted storm damage expense for the twelve months ending each of December 31, 2017 and December 31, 2016, and actual storm damage expense for the twelve months ended December 31, 2015, along with data for an additional four calendar years. The level of budgeted storm damage O&M expense normally recovered through base rates is $7,782,000 at West Penn. However, West Penn's income statement (West Penn Exhibit RAD-2) includes the normalized level of storm damage expenses excluding extraordinary storms in the amount contained in the 2015 Settlement. This additional amount of storm damage costs, along with other amortization amounts, appears on the amortization line of West Penn Exhibit RAD-2. Therefore, the

Company is proposing to continue the same revenue requirement level established in that proceeding, or $9 million.

VI. REPORTING REQUIRED UNDER PROVISIONS OF THE 2015 SETTLEMENT AT DOCKET NO. R-2014-2418745

Q. Was West Penn required to provide any financial reports as part of its next base rate proceeding?

A. Yes. The 2015 Settlement requires West Penn, in its next base rate proceeding, to file a comparison of its actual expenses and rate base additions for the twelve months ended April 30, 2016 to its projections originally filed at Docket No. R-2014-2428742. The Joint Petitioners recognized that the 2015 Settlement represented a black box settlement and consequently reflects compromises by all parties to the proceedings on the various issues raised during the proceeding. Except for specific terms and conditions addressed within the 2015 Settlement document itself, there were no findings made by the Commission for income statement or rate base purposes.

Q. What is contained in West Penn Exhibit RAD-66?

A. West Penn Exhibit RAD-66 contains a comparison of actual expenses for the twelve months ended April 30, 2016 compared to the projections originally filed at Docket No. R-2014-2428742. The format utilized is the same as developed for West Penn Exhibit RAD-55, which reflects a comparison of revenues and expenses in an income statement format by FERC account number. At the time of this filing, actual information was only available through February 29, 2016. Therefore, West Penn Exhibit RAD-66 contains ten months of actual information

and two months of forecasted data. Once March and April 2016 actual accounting data become available, West Penn Exhibit RAD-66 will be updated to incorporate actual expenses for the twelve months ended April 30, 2016.

Q. What is contained in West Penn Exhibit RAD-67?

A. West Penn Exhibit RAD-67 contains a comparison of rate base additions for the twelve months ended April 30, 2016 compared to the projections originally filed at Docket No. R-2014-2428742. The format utilized is the same as developed for West Penn Exhibit RAD-46, which is a comparison of plant in service additions by FERC account number. As in the case of West Penn Exhibit RAD-66, West Penn Exhibit RAD-67 contains ten months of actual information and two months of forecasted data. Once March and April 2016 actual accounting data become available, West Penn Exhibit RAD-67 will similarly be updated to incorporate actual rate base additions for the twelve months ended April 30, 2016.

VII. OTHER FILING REQUIREMENTS

Q. Would you briefly describe West Penn Exhibits RAD-7 through RAD-62?

A. Yes. 52 Pa. Code § 53.53 sets forth the information that must be included with a proposed general rate increase filing. West Penn Exhibits RAD-7 through RAD-60 contain responses to various data requests assigned to me. Each exhibit cites the specific filing requirement to which it is responding and is followed by the Company's response.

West Penn Exhibit RAD-61 lists the types of advertising included in expenses for the test year and the immediately preceding year, in accordance with Section

1316(c) of the Public Utility Code, 66 Pa.C.S. § 1316(c). West Penn Exhibit RAD-62 responds to the PUC Statement of Policy at 52 Pa. Code § 69.36, entitled "Performance criteria regarding energy supply alternatives." This Statement of Policy identifies six areas for review in rate proceedings pertaining to an electric utility's efforts to encourage the development of cost effective energy supply alternatives. West Penn Exhibit RAD-62 addresses five of the six identified areas. Mr. Siedt addresses the remaining area in West Penn Statement No. 3.

VIII. CONCLUSION

Q. Please summarize your direct testimony and recommendations.

A. Inclusive of the roll-in of smart meter costs, West Penn has supported an increase in base distribution rate revenue requirements of $93,270,000 of which $(4,918,000) is associated with smart meter costs. The total revenue requirement associated with the Smart Meter Deployment Plan reflected in proposed rates is $39,258,000.

Finally, and as previously discussed, West Penn is proposing to continue with its storm damage reserve mechanism established in the 2015 Settlement at the same revenue requirement level established in that proceeding, or $9 million.

Q. Mr. D'Angelo, does this complete your direct testimony?

A. Yes, it does.

Resume: Education and Experience of Richard A. D'Angelo

Education:

1972	Bachelor of Science Degree in Economics - Brooklyn College
1976	Master of Business Administration Degree in Finance - Pace University

Experience:

9/72 - 11/76	Accountant and Supervisor - Bankers Trust Company
11/76 - 2/81	Employed as Accountant within Regulatory Accounting Area – Metropolitan Edison Company ("Met-Ed")
2/81 - 2/82	Senior Accountant within Regulatory Accounting Area with special emphasis on rate-related matters (Met-Ed)
2/82 - 2/83	Supervisor - Rates and Financing (Met-Ed)
2/83 - 3/95	Manager - Rate Revenue Requirements within the Rate Department (Met-Ed)
3/95 - 8/96	Manager - Regulatory Liaison within the Regulatory Affairs and Pricing Department (Met-Ed/Penelec)
8/96 – 11/01	Manager - Rate Activity within the Rate Department (GPU Energy)
11/01 – Present	Manager – Rates & Regulatory Affairs- Pennsylvania (FirstEnergy Service Company)

Prepared and presented testimony in the following rate-related cases:

Pa. P.U.C. Cases: Docket Nos. R-2014-2428745
R-2014-2428743
R-2014-2427744
R-2014-2428742
P-2011-2273650
P-2011-2273668
P-2011-2273669
P-2011-2273670
A-2010-2176520
A-2010-2176732
P-2010-2157862
P-2009-2093053
P-2009-2093054
P-00072305
P-00072259

P-00062235
R-00061366
R-00061367
P-00062213
P-00062214
P-00052149
P-00062214
P-00052188
A-110550F0160
R-00016851C0001
R-00016852C0001
R-00016853C0001
A-110300F.0095
A-110400F.0040
P-00001860
P-00001861
P-00001837 (Phase 2)
P-00001838 (Phase 2)
R-00974008 (Phase 1)
R-00974009 (Phase 1)
P-00971215
P-00971216
P-00971217
P-00971223
P-00971278
P-00961015
P-00950968
A-110300 F0067
R-922314
P-0092087
P-00900450
R-860384
R-842770
R-832549
R-822249
I-900005
P-890366
M-FACE 8707
M-FACE 8602

M-FACE 8506
M-FACE 8404
M-FACE 8203
M-FACE 8104
M-870171 C001

NJ B.P.U Case: Docket No. EO03121014
Docket No. ER12111052

NY P.S.C. Case: Case No. 11-E-0594

FERC Cases: Docket Nos. ER-90-388-000 and ER-90-522-000
ER-87-34-001
ER-83-173

Assisted in development and preparation in the following rate cases:

Pa. P.U.C. Cases: Docket Nos. R-811601
R-80051196
R.I.D. 626

FERC Case: Docket No. ER-79-58
Case 11-E-0594

WEST PENN POWER COMPANY
Rate Base At Original Cost
Normalized To Year-End Conditions at December 31, 2017
($000)

Line No.	Description	Per Budget	Adjustments and Normalizations	Adj No.	Total	Pa Jurisdictional Normalized Rate Base		
						Distribution	Smart Meter	PA Jurisdictional Total
		(1)	(2)		(3)	(4)	(5)	(6) = (4) + (5)
	Electric Plant:							
1	Plant in service	$ 2,888,500	$ (466,196)	1	$ 2,422,304	$ 2,279,801	$ 142,503	$ 2,422,304
2	Plant held for future use	12	(12)	2	-	-	-	-
3	Construction work in progress - pollution control and safety	-	-		-	-	-	-
4	Total electric plant	$ 2,888,512	$ (466,208)		$ 2,422,304	$ 2,279,801	$ 142,503	$ 2,422,304
	Depreciation & Amortization Reserve:							
5	Plant in service	$ 1,113,275	$ (235,262)	3	$ 878,013	$ 845,270	$ 32,743	$ 878,013
6	Plant held for future use	-	-		-	-	-	-
7	Total depreciation & amortization reserve	$ 1,113,275	$ (235,262)		$ 878,013	$ 845,270	$ 32,743	$ 878,013
8	Net Electric Plant	$ 1,775,237	$ (230,946)		$ 1,544,291	$ 1,434,531	$ 109,760	$ 1,544,291
	Additions:							
9	Cash working capital	$ -	$ 123,226	4	$ 123,226	$ 123,226	$ -	$ 123,226
10	M&S inventories	-	13,639	5	13,639	13,639	-	13,639
11	Legacy meters	-	50,187	6	50,187	50,187		50,187
12	Deferred storm	-	9,548	7	9,548	9,548	-	9,548
13	Total additions	$ -	$ 196,600		$ 196,600	$ 196,600	$ -	$ 196,600
	Deductions:							
14	Customer deposits	$ 23,633	$ -		$ 23,633	$ 23,633	$ -	$ 23,633
15	Customer advances for construction	538	-		538	538	-	538
16	Accum. Deferred income taxes - Liberalized depreciation	446,206	(95,817)	8	350,389	326,423	23,966	350,389
17	Operating reserves (net of taxes)	2,522	(406)	9	2,116	2,116	-	2,116
18	Total deductions	$ 472,899	$ (96,223)		$ 376,676	$ 352,710	$ 23,966	$ 376,676
19	Total Rate Base	$ 1,302,338	$ 61,877		$ 1,364,215	$ 1,278,421	$ 85,794	$ 1,364,215
20	Pro forma return at present rates (PA Distribution)	$ 56,454	Dollars					
21		4.14%	Percent					
22	Pro forma return at proposed rates (PA Distribution)	$ 107,809	Dollars					
23		7.90%	Percent					

WEST PENN POWER COMPANY

Normalization Adjustment No. 1
($000)

Adjustment of Electric Plant in Service

To adjust the budgeted gross plant in service to (1) eliminate Asset Retirement Costs ("ARC"); (2) remove FERC Transmission Plant which is non-jurisdictional; (3) remove an allocated portion of Intangible Plant that supports FERC Transmission Plant; (4) remove an allocated portion of General Plant that supports FERC Transmission Plant; (5) reflect inclusion of LED Streetlights in accordance with the latest work plan; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments	Plant in Service
		(1)	(2)
1	Budgeted Plant in Service at 12/31/2017 (Exhibit RAD-46 Attachment B, Pages 1 and 2)		$ 2,888,500
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-46 Attachment B, Pages 1 and 2)	$ (748)	
3	Remove FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 1 and 2)	(418,959)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 1 and 2)	(5,452)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 1 and 2)	(32,186)	
6	Reflect inclusion of LED Streelights (Exhibit RAD-46 Attachment B, Pages 1 and 2)	5,474	
7	Remove Plan B smart meters (Exhibit RAD-46 Attachment B, Pages 1 and 2)	(14,325)	
8	Normalization adjustment		(466,196)
9	Plant in Service at 12/31/2017, as adjusted		$ 2,422,304

WEST PENN POWER COMPANY

Normalization Adjustment No. 2
($000)

Adjustment of Plant Held for Future Use

To adjust Plant Held for Future Use. As an alternative to rate base treatment, the Company is requesting the allowance of deferred carrying charges on any current or future investments in Plant Held for Future Use with definitive plans of utilization within a ten-year period. This is consistent with long-standing Commission policy.

Line No.		Amount (1)
1	Per budget Plant Held for Future Use at 12/31/2017	$ 12
	Normalizing adjustment:	
2	Eliminate Plant Held for Future Use	(12)
3	Plant Held for Future Use at 12/31/2017, as adjusted	$ -

WEST PENN POWER COMPANY

Normalization Adjustment No. 3
($000)

Adjustment of Depreciation Reserves - Plant In Service

To adjust the budgeted plant in service depreciation reserves to (1) eliminate Asset Retirement Costs ("ARC") reserves; (2) remove FERC Transmission Plant reserves which are non-jurisdictional; (3) remove an allocated portion of Intangible Plant reserves that support FERC Transmission Plant; (4) remove an allocated portion of General Plant reserves that support FERC Transmission Plant; (5) eliminate legacy meter reserve inadvertently budgeted; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments	Depreciation Reserves Plant in Service
		(1)	(2)
1	Plant in Service depreciation reserves at 12/31/2017		$ 1,113,275
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-46 Attachment B, Pages 3 - 6)	$ (216)	
3	Remove FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 3 - 6)	(211,488)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 3 - 6)	(3,089)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-46 Attachment B, Pages 3 - 6)	(17,146)	
6	Eliminate legacy meter reserve inadvertently budgeted (Exhibit RAD-46 Attachment B, Pages 3 - 6)	1,101	
7	Remove Plan B smart meters ((Exhibit RAD-46 Attachment B, Pages 3 - 6)	(4,424)	
8	Normalization adjustment		(235,262)
9	Plant in Service depreciation reserves at 12/31/2017, as adjusted		$ 878,013

WEST PENN POWER COMPANY

Normalization Adjustment No. 4
($000)

Adjustment of Cash Working Capital

To recognize cash working capital at year-end level. The cash working capital is supported by Mr. J. L. Adams.

Line No.		Cash Working Capital (1)	Cash Working Capital (2)
1	Cash working capital per budget at 12/31/2017		$ -
	Normalizing adjustment:		
2	Cash working capital normalized to year-end (Exhibit JLA-1)	$ 123,226	
3	Cash working capital per budget	-	
4	Normalization adjustment		123,226
5	Cash working capital at 12/31/2017, as adjusted		$ 123,226

WEST PENN POWER COMPANY

Normalization Adjustment No. 5
($000)

Adjustment of Material and Supplies Inventories

To recognize the Company's distribution portion of FE Service material and supplies ("M&S") inventory levels projected at 12/31/2017.

Line No.		M&S Inventories (1)	M&S Inventories (2)
1	M&S Inventory per budget at 12/31/2017		$ -
	Normalizing adjustment:		
2	Distribution component of projected FE Service M&S Inventory allocated to West Penn at 12/31/2017 (Exhibit RAD-13)	$ 13,639	
3	M&S Inventory per budget at 12/31/2017	-	
4	Normalization adjustment		13,639
5	M&S inventory at 12/31/2017, as adjusted		$ 13,639

WEST PENN POWER COMPANY

Normalization Adjustment No. 6
($000)

Adjustment for Legacy Meters

To include in rate base unrecovered (1) legacy meters in a regulatory asset as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994; and (2) Plan B smart meters. The Plan B smart meters meet the criteria of a legacy meter because they were in place at the time of the aforementioned Order and will be replaced by newer smart meters.

Line No.		Legacy Meters (1)	Legacy Meters (2)
1	Net legacy meters in regulatory asset at 12/31/2017		$ -
	Normalizing adjustments:		
2	Legacy Meter Regulatory Asset (Exhibit RAD-64)	$ 39,329	
3	Plan B meters per budget at 12/31/2016 (Exhibit RAD-46 Attachment B, Pages 1 and 2)	14,325	
4	Plan B depreciation reserve per budget at 12/31/2016 (Exhibit RAD-46)	(3,467)	
5	Normalization adjustment		50,187
6	Net legacy meters in regulatory asset at 12/31/2017, as adjusted		$ 50,187

WEST PENN POWER COMPANY

Normalization Adjustment No. 7
($000)

Adjustment of Deferred Storm Damage Expenses

To include in rate base (1) the deferred storm damage balance for the February 5th through February 16th, 2010 Winter Storm, approved at Docket No. P-2010-2216111; and (2) the balance of the unamortized storm reserve, approved at Docket No. R-2014-2428742 .

Line No.		Storms (1)	Storms (2)
1	Unamortized storm damage deferral expense per budget at 12/31/2017		$ -
	Normalizing adjustment:		
2	February 2010 storm damage deferral	$ 10,327	
3	Storm Reserve Balance	(779)	
4	Normalization Adjustment		9,548
5	Storm damage deferral expense at 12/31/2017, as adjusted		$ 9,548

WEST PENN POWER COMPANY

Normalization Adjustment No. 8
($000)

Adjustment of Accumulated Deferred Income Taxes - Liberalized Depreciation

To adjust the budgeted deferred tax balances for liberalized depreciation (excluding the impact of SFAS No. 109 deferrals) to (1) eliminate state deferred taxes - liberalized depreciation balances including the federal benefit of those taxes; (2) eliminate other excludable items; and (3) eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation balance associated with FERC Transmission Plant.

Line No.		Adjustments	Accum Reserve for Deferred Taxes - Liberalized Depreciation
1	Deferred taxes per budget - liberalized depreciation at 12/31/2017		$ 446,206
	Normalizing adjustments:		
2	Eliminate state deferred taxes - liberalized depreciation including the federal benefit of those taxes	$ (1,633)	
3	Eliminate other excludable items (capital leases)	(26,946)	
4	Eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation associated with FERC Transmission Plant	(67,238)	
5	Normalization adjustment		(95,817)
6	Deferred taxes - liberalized depreciation at 12/31/2017, as adjusted		$ 350,389

WEST PENN POWER COMPANY

Normalization Adjustment No. 9
($000)

Adjustment of Operating Reserves

To adjust operating reserves (net of accumulated deferred income taxes) to eliminate an allocated portion associated with FERC Transmission operations.

Line No.		Amount
1	Operating reserves, net of taxes, per budget at 12/31/2017	$ 2,522
	Normalizing adjustment:	
2	Eliminate portion of operating reserves associated with FERC Transmission operations	(406)
3	Operating reserves, net of taxes at 12/31/2017, as adjusted	$ 2,116

WEST PENN POWER COMPANY
Rate of Return at December 31, 2017
($000)

Line No.	Description	Exhibit JD-24 Capital Amounts (1)	Capital Ratios (2)	Cost Rate (3)	Weighted Cost Rate (4) = (2) X (3)
1	Long Term Debt	$ 725,000	49.70%	4.87%	2.42%
2	Preferred Stock	-	0.00%	0.00%	0.00%
3	Common Equity	734,329	50.30%	10.90%	5.48%
4	Total Capitalization	$ 1,459,329	100.00%		7.90%

West Penn Power Company
Statement of Operating Income, 12 Months Ending December 31, 2017, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Per Budget	Normalizations & Adjustments	Adj. No.	Budget as Adjusted	Normalized PAPUC Jurisdictional						
						Distribution	Smart Meters	PAPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(1)	(2)		(3)=(1)+(2)	(4)	(5)	(6)=(4)+(5)	(7)	(8)	(9)	(10)
	Operating revenues											
1	Retail sales	$ 1,013,649	$ (4,431)	1	$ 1,009,218	$ 308,966	$ 44,176	$ 353,142	$ 558,673	$ 31,721	$ 23,945	$ 41,737
2	STAS revenue	-	-	2	-	-	-	-	-	-	-	-
3	DSIC Revenue	3,744	(3,744)	3	-	-	-	-	-	-	-	-
4	Sales for resale	154			154	-	-	-	2	-	152	-
5	Other operating revenue	76,777	(59,612)	4	17,165	17,165	-	17,165	-	-	-	-
6	Total operating revenue	$ 1,094,324	$ (67,787)		$ 1,026,537	$ 326,131	$ 44,176	$ 370,307	$ 558,675	$ 31,721	$ 24,097	$ 41,737
	Operating expenses											
7	Price to Compare	$ 531,113	$ -		$ 531,113	$ -	$ -	$ -	$ 528,113	$ -	$ -	$ 3,000
8	Distribution	118,128	(19,133)	5	98,995	61,194	-	61,194	-	-	-	37,801
9	Customer accounts	31,675	1,338	6	33,013	22,565	-	22,565	-	-	-	10,448
10	Customer service & info	46,357	106	7	46,463	16,793	-	16,793	-	29,422	-	248
11	Admin & gen expense	54,425	8,082	8	62,507	22,840	16,341	39,181	-	-	23,326	-
12	Depreciation - accrual	82,719	(4,264)	9	78,455	64,846	13,609	78,455	-	-	-	-
13	Amortization	401	8,998	10	9,399	19,223	-	19,223	(2,493)	868	(642)	(7,557)
14	Taxes other than income	64,499	(1,066)	11	63,433	22,118	2,606	24,724	32,962	1,872	1,413	2,462
15	Operating expense before tax	$ 929,317	$ (5,939)		$ 923,378	$ 229,579	$ 32,556	$ 262,135	$ 558,582	$ 32,162	$ 24,097	$ 46,402
16	Operating income before income tax	$ 165,007	$ (61,848)		$ 103,159	$ 96,552	$ 11,620	$ 108,172	$ 93	$ (441)	$ -	$ (4,665)
	Income taxes											
17	Federal income tax - current	$ 10,342	$ 7,844	12	$ 18,186	$ 24,514	$ (4,749)	$ 19,765	$ 29	$ (139)	$ -	$ (1,470)
18	State income tax - current	4,902	5,753	12	10,655	12,662	(1,506)	11,156	9	(44)	-	(466)
19	Deferred income tax - federal	32,154	(10,562)	13	21,592	13,204	8,388	21,592	-	-	-	-
20	Deferred income tax - state	8,576	(8,576)	13	-	-	-	-	-	-	-	-
21	Investment tax credit	(948)	153	14	(795)	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 55,026	$ (5,388)		$ 49,638	$ 49,585	$ 2,133	$ 51,718	$ 38	$ (183)	$ -	$ (1,936)
23	Total operating expenses	$ 984,343	$ (11,327)		$ 973,016	$ 279,164	$ 34,689	$ 313,853	$ 558,620	$ 31,979	$ 24,097	$ 44,466
24	**Operating income**	$ 109,981	$ (56,460)		$ 53,521	$ 46,967	$ 9,487	$ 56,454	$ 55	$ (258)	$ -	$ (2,729)

West Penn Power Company
Statement of Operating Income, 12 Months Ending December 31, 2017, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PAPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(11)	(12)	(13)=(11)+(12)	(14)	(15)	(16)	(17)
	Operating revenues							
1	Retail sales	$ 98,022	$ (4,918)	$ 93,104	$ -	$ -	$ -	$ -
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	-	-	-	-
5	Other operating revenue	166	-	166	-	-	-	-
6	Total operating revenue	$ 98,188	$ (4,918)	$ 93,270	$ -	$ -	$ -	$ -
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	Distribution	-	-	-	-	-	-	-
9	Customer accounts	-	-	-	-	-	-	-
10	Customer service & info	-	-	-	-	-	-	-
11	Admin & gen expense	-	-	-	-	-	-	-
12	Depreciation - accrual	-	-	-	-	-	-	-
13	Amortization	-	-	-	-	-	-	-
14	Taxes other than income	5,783	(290)	5,493	-	-	-	-
15	Operating expense before tax	$ 5,783	$ (290)	$ 5,493	$ -	$ -	$ -	$ -
16	Operating income before income tax	$ 92,405	$ (4,627)	$ 87,777	$ -	$ -	$ -	$ -
	Income taxes							
17	Federal income tax - current	$ 29,111	$ (1,458)	$ 27,653	$ -	$ -	$ -	$ -
18	State income tax - current	9,231	(462)	8,769	-	-	-	-
19	Deferred income tax - federal	-	-	-	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	-	-	-	-	-	-	-
22	Total tax expense	$ 38,342	$ (1,920)	$ 36,422	$ -	$ -	$ -	$ -
23	Total operating expenses	$ 44,125	$ (2,210)	$ 41,915	$ -	$ -	$ -	$ -
24	**Operating income**	$ 54,063	$ (2,707)	$ 51,355	$ -	$ -	$ -	$ -

West Penn Power Company
Statement of operating Income, 12 Months Ending December 31, 2017, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PaPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(18) = (4) + (11)	(19) = (5) + (12)	(20)=(18)+(19)	(21) = (7) + (14)	(22) = (8) + (15)	(23) = (9) + (16)	(24) = (10) + (17)
	Operating revenues							
1	Retail sales	$ 406,988	$ 39,258	$ 446,246	$ 558,673	$ 31,721	$ 23,945	$ 41,737
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	2	-	152	-
5	Other operating revenue	17,331	-	17,331	-	-	-	-
6	Total operating revenue	$ 424,319	$ 39,258	$ 463,577	$ 558,675	$ 31,721	$ 24,097	$ 41,737
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ 528,113	$ -	$ -	$ 3,000
8	Distribution	61,194		61,194	-	-	-	37,801
9	Customer accounts	22,565	-	22,565	-	-	-	10,448
10	Customer service & info	16,793	-	16,793	-	29,422	-	248
11	Admin & gen expense	22,840	16,341	39,181	-	-	23,326	-
12	Depreciation - accrual	64,846	13,609	78,455	-	-	-	-
13	Amortization	19,223	-	19,223	(2,493)	868	(642)	(7,557)
14	Taxes other than income	27,901	2,316	30,217	32,962	1,872	1,413	2,462
15	Operating expense before tax	$ 235,362	$ 32,266	$ 267,628	$ 558,582	$ 32,162	$ 24,097	$ 46,402
16	Operating income before tax	$ 188,957	$ 6,993	$ 195,949	$ 93	$ (441)	$ -	$ (4,665)
	Income taxes							
17	Federal income tax - current	$ 53,625	$ (6,207)	$ 47,418	$ (139)	$ -	$ (1,470)	$ -
18	State income tax - current	21,893	(1,968)	19,925	9	(44)	-	(466)
19	Deferred income tax - federal	13,204	8,388	21,592	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 87,927	$ 213	$ 88,140	$ (130)	$ (44)	$ (1,470)	$ (466)
23	Total operating expenses	$ 323,289	$ 32,479	$ 355,768	$ 558,452	$ 32,118	$ 22,627	$ 45,936
24	**Operating Income**	$ 101,030	$ 6,780	$ 107,809	$ 223	$ (397)	$ 1,470	$ (4,199)
25	**Rate Base**	$ 1,278,421	$ 85,794	$ 1,364,215	$ -	$ -	$ -	$ -
								$ -
26	**Rate of Return overall**	7.90%	7.90%	7.90%	0.00%	0.00%	0.00%	0.00%
27	**Return on Equity**	10.90%	10.90%	10.90%	0.00%	0.00%	0.00%	0.00%

West Penn Power Company
Summary of Revenue Requirements
Distribution
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 308,966	$ 98,022	$ 406,988
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	17,165	166	17,331
6	Total operating revenue	$ 326,131	$ 98,188	$ 424,319
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	61,194	-	61,194
9	Customer accounts	22,565	-	22,565
10	Customer service & info	16,793	-	16,793
11	Admin & gen expense	22,840	-	22,840
12	Depreciation - accrual	64,846	-	64,846
13	Amortization	19,223	-	19,223
14	Taxes other than income	22,118	5,783	27,901
15	Operating expense before tax	$ 229,579	$ 5,783	$ 235,362
16	Operating income before tax	$ 96,552	$ 92,405	$ 188,957
	Income taxes			
17	Federal income tax - current	$ 24,514	$ 29,111	$ 53,625
18	State income tax - current	12,662	9,231	21,893
19	Deferred income tax - federal	13,204	-	13,204
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 49,585	$ 38,342	$ 87,927
23	Total operating expenses	$ 279,164	$ 44,125	$ 323,289
24	**Operating Income**	$ 46,967	$ 54,063	$ 101,030
25	**Rate Base**	$ 1,278,421		$ 1,278,421
26	**Rate of Return overall**	3.67%		7.90%
27	**Return on Equity**	2.49%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Smart Meter Technologies
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 44,176	$ (4,918)	$ 39,258
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	-	-	-
6	Total operating revenue	$ 44,176	$ (4,918)	$ 39,258
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	-	-	-
9	Customer accounts	-	-	-
10	Customer service & info	-	-	-
11	Admin & gen expense	16,341	-	16,341
12	Depreciation - accrual	13,609	-	13,609
13	Amortization	-	-	-
14	Taxes other than income	2,606	(290)	2,316
15	Operating expense before tax	$ 32,556	$ (290)	$ 32,266
16	Operating income before tax	$ 11,620	$ (4,627)	$ 6,993
	Income taxes			
17	Federal income tax - current	$ (4,749)	$ (1,458)	$ (6,207)
18	State income tax - current	(1,506)	(462)	(1,968)
19	Deferred income tax - federal	8,388	-	8,388
20	Deferred income tax - state	-	-	-
21	Investment tax credit	-	-	-
22	Total tax expense	$ 2,133	$ (1,920)	$ 213
23	Total operating expenses	$ 34,689	$ (2,210)	$ 32,479
24	**Operating Income**	$ 9,487	$ (2,707)	$ 6,780
25	**Rate Base**	$ 85,794		$ 85,794
26	**Rate of Return overall**	11.06%		7.90%
27	**Return on Equity**	17.17%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Total Distribution
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 353,142	$ 93,104	$ 446,246
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	17,165	166	17,331
6	Total operating revenue	$ 370,307	$ 93,270	$ 463,577
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	61,194	-	61,194
9	Customer accounts	22,565	-	22,565
10	Customer service & info	16,793	-	16,793
11	Admin & gen expense	39,181	-	39,181
12	Depreciation - accrual	78,455	-	78,455
13	Amortization	19,223	-	19,223
14	Taxes other than income	24,724	5,493	30,217
15	Operating expense before tax	$ 262,135	$ 5,493	$ 267,628
16	Operating income before tax	$ 108,172	$ 87,777	$ 195,949
	Income taxes			
17	Federal income tax - current	$ 19,765	$ 27,653	$ 47,418
18	State income tax - current	11,156	8,769	19,925
19	Deferred income tax - federal	21,592	-	21,592
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 51,718	$ 36,422	$ 88,140
23	Total operating expenses	$ 313,853	$ 41,915	$ 355,768
24	**Operating Income**	$ 56,454	$ 51,355	$ 107,809
25	**Rate Base**	$ 1,364,215		$ 1,364,215
26	**Rate of Return overall**	4.14%		7.90%
27	**Return on Equity**	3.42%		10.90%

West Penn Power Company
Normalization Adjustment No. 1
$000

Adjustment of Base Operating Revenues

To adjust base operating revenues (1) for changes in number of customers, (2) to roll State Tax Adjustment Surcharge ("STAS") revenues into base rates, (3) to roll Distribution System Improvement Charge ("DSIC") revenue into base rates, (4) for Energy Efficiency and Behind the Meter generation, (5) for other revenue, and (6) to eliminate unbilled revenues. Adjustments (1) through (5) are supported by Mr. K. M. Siedt. The adjustment for unbilled revenues is supported by Mr. R. A. D'Angelo.

Line No.	Description	Amount (1)	Amount (2)
1	Base revenues per budget for the 12 months ending 12/31/2017		$ 1,013,649
	Normalizing adjustments:		
2	Customers - increase to year end level	$ 537	
	Specific adjustments		
3	Roll-in of STAS	-	
4	Roll-in of DSIC	1,218	
5	Energy Efficiency/ Behind the Meter	(5,315)	
6	Other Revenue Adjustment	(1,014)	
7	Eliminate unbilled revenues	143	
8	Total (Lines 3 + 4 + 5 + 6 + 7)	$ (4,968)	
9	Normalizing adjustment (Lines 2 + 8)		(4,431)
10	Base revenues per budget for the 12 months ending 12/31/2017, as adjusted		$ 1,009,218

West Penn Power Company
Normalization Adjustment No. 2
$000

Adjustment of State Tax Adjustment Surcharge Revenues

To remove state tax adjustment surcharge ("STAS") revenues. Normalized STAS revenues are being rolled into base rates.

Line No.	Description	Amount (1)	Amount (2)
1	STAS revenue per budget for the 12 months ending 12/31/2017		$ -
2	Eliminate per budget STAS	$ -	
3	Total normalizing adjustment		-
4	STAS revenue per budget for the 12 months ending 12/31/2017, as adjusted		$ -

West Penn Power Company
Normalization Adjustment No. 3
$000

Adjustment of Distribution System Improvement Charge Revenues

To remove distribution system improvement charge ("DSIC") revenues. Normalized DSIC revenues are being rolled into base rates in Normalization Adjustment No. 1.

Line No.	Description	Amount (1)	Amount (2)
1	DSIC revenue per budget for the 12 months ending 12/31/2017		$ 3,744
2	Eliminate per budget DSIC	$ (3,744)	
3	Total normalizing adjustment		(3,744)
4	DSIC revenue per budget for the 12 months ending 12/31/2017, as adjusted		$ -

West Penn Power Company
Normalization Adjustment No. 4
$000

Adjustment of Other Operating Revenues

To adjust other operating revenue (1) to adjust late payment charges; and (2) to eliminate non-jurisdictional transmission revenues. The adjustment to late payment charge is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)	Amount (2)
1	Other operating revenue per budget for the 12 months ending 12/31/2017		$ 76,777
2	Late payment charges (Exhibit KMS-2)	$ 4,327	
3	Less: Late payment charges per budget	(3,000)	
4	Adjustment to late payment charges	$ 1,327	
5	Eliminate non-jurisdictional transmission revenues	(60,939)	
6	Total normalizing adjustment (Lines 4 + 5)		(59,612)
7	Other operating revenue per budget for the 12 months ending 12/31/2017, as adjusted		$ 17,165

West Penn Power Company
Normalization Adjustment No. 5
$000

Adjustment of Distribution Expense

To adjust distribution expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to eliminate non-jurisdictional transmission expense, (4) to include the jurisdictional portion of the amortization of gains or losses on reacquired debt, and (5) to include costs associated with contractor safety requests. Mr. T. J. Dolezal supports the jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Distribution expense per budget for the 12 months ending 12/31/2017		$ 118,128
2	Distribution payroll expense adjustment to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 16, Column 2)	$ 471	
3	Service Company distribution payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 28, Column 2)	136	
4	Eliminate non-jurisdictional transmission expense	(20,052)	
5	Amortization of (gain) or loss on reacquired debt	48	
6	Allocation ratio based on distribution plant	83.90%	
7	Distribution portion of (gain) or loss	$ 40	
8	Increase distribution expenses for contractor safety requests	272	
9	Total normalizing adjustment (Lines 2 + 3 + 4 + 7 + 8)		(19,133)
10	Distribution expense per budget for the 12 months ending 12/31/2017, as adjusted		$ 98,995

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 5
($000)

Adjustment of Payroll Expense to Reflect Year End Employee Levels and Wage Rates

To determine the additional payroll expense associated with (1) year end bargaining and non-bargaining wage rates and employee levels, and (2) Service Company year end wage rates and employee levels; and to allocate the additional payroll expense to individual components. Mr. T. J. Dolezal supports the labor allocation factors.

Line No.	Description	Amount (1)	Amount (2)
1	Total company payroll for the 12 months ending 12/31/2017 (Exhibit RAD-27)		$ 65,107
	Bargaining		
	UWUA 102		
2	Straight time per budget for January 1, 2017 through April 30, 2017	$ 10,324	
3	Straight time 2.5% increase effective May 1, 2017 (Line 2 x 2.5%)	258	
4	Straight time per budget for the 12 months ending 12/31/2017, as adjusted	31,897	
5	Straight time 2.5% increase effective May 1, 2018 (Line 4 x 2.5%)	797	
	Non-Bargaining		
6	Straight time per budget for January 1, 2017 through February 28, 2017	3,512	
7	Straight time 3% increase effective March 1, 2017 (Line 6 x 3%)	105	
8	Straight time per budget for the 12 months ending 12/31/2017, as adjusted	22,314	
9	Straight time 3% increase effective March 1, 2018 (Line 8 x 3%)	669	
10	Total company payroll adjustment (Lines 3 + 5 + 7 + 9)		1,829
11	Total company payroll as adjusted (Lines 1 + 10)		$ 66,936
12	O&M allocation percentage		50.50%
13	O&M payroll adjustment (Lines 10 x 12)		$ 924
	Allocation of payroll adjustment:		
14	PTC	0.00%	$ -
15	Transmission	9.51%	66
16	Distribution	50.97%	471
17	Customer accounts	18.09%	167
18	Customer service	11.43%	106
19	Administrative and general	10.00%	92
20	Total	100.00%	$ 924
	Service Company		
21	Straight time per budget for January 1, 2017 through February 28, 2017	$ 2,711	
22	Straight time 3% increase effective March 1, 2017 (Line 22 x 3%)	81	
23	Straight time per budget for the 12 months ending 12/31/2017, as adjusted	17,918	
24	Straight time 3% increase effective March 1, 2018 (Line 23 x 3%)	538	
25	Total Service Company payroll adjustment (Lines 22 + 24)		619
	Allocation of Service Company payroll (Exhibit RAD-25)		
26	Production	0.00%	$ -
27	Transmission	4.15%	26
28	Distribution	22.01%	136
29	Customer accounting and information	16.89%	105
30	Administrative and general	56.95%	352
31	Total	100.00%	$ 619

West Penn Power Company
Normalization Adjustment No. 6
$000

Adjustment of Customer Account Expense

To adjust customer account expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to include increased O&M costs associated with serving new customers, and (4) to include interest on customer deposits.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Account expense per budget for the 12 months ending 12/31/2017		$ 31,675
2	Customer Account payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 17, Col. 2)	$ 167	
3	Service Company customer account payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 29, Col. 2)	105	
4	Increased O&M costs associated with increased number of customers in normalized revenue levels (Supporting Schedule No. 1, Line 10)	12	
5	Interest on customer deposits (Supporting Schedule No. 2, Line 3, Col. 3)	1,054	
6	Total normalizing adjustment (Lines 2 + 3 + 4 + 5)		1,338
7	Customer Account expense per budget for the 12 months ending 12/31/2017, as adjusted		$ 33,013

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense Associated with Serving New Customers

To determine the cost associated with serving the additional customers reflected in Normalization Adjustment No. 1. The ratio of non-payroll customer account expense to total revenue is applied to the additional revenue from increased customers to estimate this cost. The Commission previously recognized and approved this adjustment. The adjustment to base operating revenue for changes in number of customers is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)
	Customer Account Expense Excluding Labor and Uncollectibles	
1	Customer Account expense per budget for the 12 months ending 12/31/2017	$ 31,675
2	Less: Uncollectible expense	(16,073)
3	Less: Labor expense	(7,474)
4	Customer Account expense excluding labor and uncollectible expense	$ 8,128
	Total Distribution Revenue	
5	Distribution revenues per budget	$ 357,574
6	Late payment charges per budget (Exhibit RAD-55)	3,000
7	Total	$ 360,574
8	Ratio of customer account expense to total revenue (Line 4 / Line 7)	2.25%
9	Revenue from added customers (Normalization Adjustment No. 1, Line 2)	$ 537
10	Additional expense from added customers (Lines 8 x 9)	$ 12

West Penn Power Company
Supporting Schedule No.2 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense to Allow for Interest Expense on Customer Deposits

To determine the interest paid on customer deposits. Since customer deposits are funds supplied to the Company by customers, they are included in rate base as a deduction. The Commission previously recognized this adjustment to include the corresponding interest paid to customers on these deposits as a expense.

Line No.	Description	Residential	Non Residential	Total
		(1)	(2)	(3)
1	Customer deposits included in rate base (Exhibit RAD-1, Page 1, Col. 1, Line 14)	$ 12,116	$ 11,518	$ 23,634
2	Interest rate on deposits	3%	6%	
3	Interest expense on customer deposits (Lines 1 x 2)	$ 363	$ 691	$ 1,054

West Penn Power Company
Normalization Adjustment No. 7
$000

Adjustment of Customer Service and Information Expense

To adjust customer service and information expense to reflect year end wage rates and employee levels.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Service expense per budget for the 12 months ending 12/31/2017		$ 46,357
2	Customer Service payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 18, Col. 2)	$ 106	
3	Total normalizing adjustment		106
4	Customer Service expense per budget for the 12 months ending 12/31/2017, as adjusted		$ 46,463

West Penn Power Company
Normalization Adjustment No. 8
$000

Adjustment of Administrative and General Expense

To adjust administrative and general expenses (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to reflect OPEB expense at service cost level, (4) to reflect pension expense at the ten year cash level, (5) to reflect employee benefits expense at year end wage rates and employee levels, (6) to include amortization of rate case expenses, and (7) to eliminate non-jurisdictional administrative and general expenses. Mr. T. J. Dolezal supports the non-jurisdictional expense allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Administrative & general expense per budget for the 12 months ending 12/31/2017		$ 54,425
2	A & G Expenses related to EEC	$ (23,326)	
3	A & G Expenses related to Smart Meters	(16,341)	
4	Adjustment to A & G	(39,667)	
5	Net A & G expenses related to Distribution (Lines 1 + 4)	14,758	
6	Administrative & general payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 19 Col. 2)	92	
7	Service Company administrative and general payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 30, Col. 2)	352	
8	Adjust OPEB expense to service cost level (Supporting Schedule No. 1, Line 12, Col. 1)	2,328	
9	Adjust pension expense to ten year cash level (Supporting Schedule No. 2, Line 20, Col. 3)	7,216	
10	Adjust employee benefit costs (Supporting Schedule No. 3, Line 8, Col. 3)	399	
11	Subtotal of adjustments (Lines 6 + 7 + 8 + 9 + 10)	$ 10,387	
12	Administrative and general expense, adjusted (Lines 5 + 11)	$ 25,145	
13	Non-jurisdictional expense allocation factor	10.57%	
14	Non-jurisdictional administrative and general expense (Lines 12 x 13)	$ (2,658)	
15	Rate case expenses to be incurred during current rate proceeding (Exhibit RAD-23)	$ 706	
16	Recovery period - 2 years	2	
17	Annual amount (Line 15 / Line 16)	$ 353	
18	Total normalizing adjustment (Lines 11 + 14 + 17)		8,082
19	Administrative and general expense per budget for the 12 months ending 12/31/2017, as adjusted		$ 62,507

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 8
$000

Adjustment of OPEB Expense

To adjust OPEB expense to the test year service cost. The service cost represents the actuarial present value of benefit liabilities accrued under the plan benefit formula for services rendered during the test year. Inclusion of the service cost in rates provides for recovery of the current cost of benefits earned by plan participants. Any excess or shortfall related to the expected return on plan assets are not included because their inclusion would artificially reduce or increase total costs and result in the recovery of more or less than the actual normal cost of service. The adjustment for OPEB expense to the current service cost amount was adopted by the Commission at Docket Numbers R-00061366 and R-00061367 and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	O&M (1)	Capital (2)	Total (3)
1	O&M - Capital allocation ratios	50.50%	49.50%	100.00%
2	Company OPEB expense included in budget (Exhibit RAD-27)	$ (1,539)	$ (1,508)	$ (3,047)
3	FirstEnergy Service Corp. OPEB expense	$(12,161)	$ (11,921)	$ (24,082)
4	Allocation ratio	5.88%	5.88%	5.88%
5	Allocated FirstEnergy Service Corp. OPEB expense included in budget (Lines 3 x 4)	$ (715)	$ (701)	$ (1,416)
6	Total OPEB expense included in budget (Lines 2 + 5)	$ (2,254)	$ (2,209)	$ (4,463)
7	Service cost for company OPEB expense	$ 57	$ 55	$ 112
8	Service cost for FirstEnergy Service Corp. OPEB expense	$ 283	$ 277	$ 560
9	Allocation ratio	5.88%	5.88%	5.88%
10	Allocated FirstEnergy Service Corp. service cost (Lines 8 x 9)	$ 17	$ 16	$ 33
11	Total OPEB service cost (Lines 7 + 10)	$ 74	$ 71	$ 145
12	Adjustment to set OPEB expense at ongoing service cost level (Lines 11 - 6)	$ 2,328	$ 2,280	$ 4,608

West Penn Power Company
Supporting Schedule No. 2 to Normalizing Adjustment No. 8
$000

Adjustment of Pension Expense

To adjust pension expense to a ten year average level of actual cash contributions under the methodology that was adopted by the Commission at Docket Numbers R-00061366 and R-0061367, and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	Total	O&M %	O&M
		(1)	(2)	(3)
	Company Cash Contributions			
1	2008 Cash Pension Contribution	$ 8,463	62.28%	$ 5,271
2	2009 Cash Pension Contribution	8,955	61.11%	5,472
3	2010 Cash Pension Contribution	18,648	56.25%	10,490
4	2011 Cash Pension Contribution	26,813	48.00%	12,870
5	2012 Cash Pension Contribution	47,313	48.00%	22,710
6	2015 Cash Pension Contribution	60,000	37.14%	22,284
7	2016 Cash Pension Contribution	9,904	51.14%	5,065
8	Total Company Cash Pension Contributions	$ 180,096		$ 84,162
	FirstEnergy Service Company Cash Contributions			
9	2016 Cash Pension Contribution	$ 24,760		
10	Allocation ratio	5.88%		
11	2016 Service Company Pension Contribution allocated to the Company	$ 1,456	51.14%	$ 745
12	2017 Cash Pension Contribution	$ 221,366		
13	Allocation ratio	5.88%		
14	2017 Service Company Pension Contribution allocated to the Company	$ 13,016	50.50%	$ 6,573
15	Total FirstEnergy Service Company Cash Pension Contributions allocated to the Company (Lines 11 + 14)	$ 14,472		$ 7,318
16	Total Pension cash contributions (Line 8 + 15)	194,568		$ 91,480
17	Number of years	10		10
18	Pension expense cash contribution, averaged over 10 years	$ 19,457		$ 9,148
19	O&M Pension Expense included in budget			1,932
20	Adjustment to Pension Expense (Lines 18 - 19)			$ 7,216

West Penn Power Company
Supporting Schedule No. 3 to Normalizing Adjustment No. 8
$000

Adjustment of Employee Benefit Expense to Reflect Year End Wage Rates and Employee Levels

To determine the normalized costs associated with providing additional employee benefits related to the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Employee benefits applicable to operating expenses:

Line No.		Effective Rate (a) (1)	Payroll Adjustment (2)		Benefit Adjustment (3) = (1) X (2)
1	Workers compensation	0.676%	$ 924	(b)	$ 6
2	Pension costs	27.662%	$ 924	(b)	256
3	OPEB costs	0.172%	$ 924	(b)	2
4	Life insurance	0.151%	$ 924	(b)	1
5	Medical insurance	9.409%	$ 924	(b)	87
6	Savings Plan	2.975%	$ 924	(b)	27
7	Other	2.152%	$ 924	(b)	20
8	Total increase due to payroll adjustment				$ 399

(a) Summary of effective employee benefit rates based on total payroll for the 12 months ending 12/31/2017

	Total Amount	Total Payroll	Effective Rate
Workers compensation (Exhibit RAD-27)	$ 440	$ 65,107	0.676%
Pension costs - normalized basis	18,010	65,107	27.662%
OPEB costs - service cost	112	65,107	0.172%
Life insurance (Exhibit RAD-27)	98	65,107	0.151%
Medical insurance (Exhibit RAD-27)	6,126	65,107	9.409%
Savings Plan (Exhibit RAD-27)	1,937	65,107	2.975%
Other (Exhibit RAD-27)	1,401	65,107	2.152%

(b) Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 13

West Penn Power Company
Normalization Adjustment No. 9
$000

Adjustment of Depreciation Expense

To adjust depreciation expense (1) to reflect equal life group ("ELG") rates on adjusted rate base, (2) to adjust cost of removal / salvage expense to a five year average per Commission practice, (3) to eliminate non-jurisdictional cost of removal / salvage expense, and (4) eliminate legacy meter cost of removal from the five year average. Mr. T. J. Dolezal supports the jurisdictional expense allocation factor. Mr. J. J. Spanos supports the ELG depreciation rates.

Line No.	Description	Amount (1)	(2)	(3)	(4)
1	Depreciation expense per budget for the 12 months ending 12/31/2017				$ 82,719
2	Cost of removal/salvage expense per budget for the 12 months ending 12/31/2017 (Exhibit RAD-30)		$ 12,956		
3	Depreciation accrual per budget (Lines 1 - 2)		$ 69,763		
4	Jurisdictional depreciation expense accrual on adjusted rate base using ELG depreciation rates (Exhibit RAD-53, Page 1)		69,719		
5	Adjustment for ELG accrual for jurisdictional plant (Lines 4 - 3)			$ (44)	
	Cost of removal / salvage				
6	Cost of removal/salvage expense per budget for the 12 months ending 12/31/2017 (Exhibit RAD-30)		$ 12,956		
	Cost of removal and salvage 2011 - 2015 (Exhibit RAD-30)				
7	2011	$ 10,258			
8	2012	130			
9	2013	11,609			
10	2014	16,219			
11	2015	14,120			
12	Total	$ 52,336			
13	Five year average (Line 12 / 5)		10,467		
14	Allocation ratio based on jurisdictional plant		83.90%		
15	Jurisdictional cost of removal/salvage expense at a five year average (Lines 13 x 14)		$ 8,782		
16	Less five year average for legacy meter cost of removal		(46)		
17	Total jurisdictional cost of removal/salvage at a five year average (Lines 15 + 16)		$ 8,736		
18	Adjustment of jurisdictional cost of removal/salvage expense to a jurisdictional five year average (Lines 17 - 6)			(4,220)	
19	Total normalizing adjustment (Lines 5 + 18)				(4,264)
20	Depreciation expense per budget for the 12 months ending 12/31/2017, as adjusted				$ 78,455

West Penn Power Company
Normalization Adjustment No. 10
$000

Adjustment of Amortization Expense

To adjust amortization expense to (1) exclude the deferral of transmission vegetation management, (2) exclude smart meter amortization in the budget; (3) exclude legacy meter cost of removal amortization per budget, (4) include the amortization of additional legacy meters and Plan B smart meters, and (5) exclude accretion expense per budget.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Amortization expense per budget for the 12 months ending 12/31/2017			$ 401
2	Eliminate transmission vegetation management amortization per budget		2,525	
3	Eliminate smart meter amortization per budget		(626)	
4	Eliminate legacy meter cost of removal amortization per budget		1,453	
5	Adjustment for amortization of unrecovered legacy meters and Plan B smart meters (Supporting Schedule No. 1, Line 9)		5,646	
6	Remove accretion expense		-	
7	Normalization adjustment (Lines 2 + 3 + 4 + 5 + 6)			8,998
8	Amortization expense per budget for the 12 months ending 12/31/2017, as adjusted			$ 9,399

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 10
$000

Adjustment of Amortization Expense for Amortization of Legacy Meters

To determine the additional amortization expense associated with (1) unrecovered legacy meters to fully recover all legacy meter costs over the remaining 39 months of the original amortization period and (2) Plan B smart meters to fully recover all Plan B meter costs over 39 months. Per Order M-2013-2341994, dated March 6, 2014, the Commission authorized the Companies "to create a regulatory asset for their investment in their existing meters (Legacy Meters) to be replaced by smart meters." The Plan B smart meters were in place and will be replaced by newer smart meters.

Line No.	Description	Amount (1)	Amount (2)
1	Total Legacy Meters and Cost of Removal to be recovered (Exhibit RAD-64)	$ 56,473	
2	Less Legacy Meters and Cost of Removal in Base Rates (Exhibit RAD-64)	(48,983)	
3	Unrecovered legacy meters (Lines 1 - 2)	$ 7,490	
4	Annual amount of unrecovered legacy meter amortization (Line 3 / 39 months x 12 months)		$ 2,305
5	Plan B smart meters per budget for the 12 months ending 12/31/2016 (Exhibit RAD-47, Attachment B, Page 1)	$ 14,325	
6	Depreciation reserve for Plan B smart meters per budget for the 12 months ending 12/31/2016 (Exhibit RAD-47, Attachment B, Page 3)	3,467	
7	Net Plan B smart meters and cost of removal to be recovered (Lines 5 - 6)	$ 10,858	
8	Annual amount of Plan B smart meter amortization (Line 7 / 39 months x 12 months)		3,341
9	Annual unrecovered legacy meter and Plan B smart meter amortization		$ 5,646

West Penn Power Company
Normalization Adjustment No. 11
$000

Adjustment of Taxes Other Than Income

To adjust taxes other than income to (1) eliminate non-jurisdictional tax expense, (2) reflect normalized sales revenues in gross receipts tax expense, and (3) reflect year end wage rates and employee levels in payroll tax expenses. The non-jurisdictional allocation factor is supported by Mr. T. J. Dolezal.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Taxes Other Than Income per budget for the 12 months ending 12/31/2017			$ 64,499
2	Federal and State payroll taxes in budget (Exhibit RAD-32)	$ 2,105		
3	Non-jurisdictional percent	10.57%		
4	Eliminate non-jurisdictional payroll taxes		$ (222)	
5	Capital Stock Tax included in budget (Exhibit RAD-32)	$ -		
6	PURTA tax in budget (Exhibit RAD-32)	2,374		
7	Real Estate tax in budget (Exhibit RAD-32)	178		
8	Total Other taxes	$ 2,552		
9	Non-jurisdictional percent	16.10%		
10	Eliminate non-jurisdictional taxes		(411)	
	Gross Receipts Tax			
11	Normalized sales revenues (Exhibit RAD-2, Page 1, Col. 3)	$ 1,009,218		
12	Gross receipts tax @ 5.9%	59,544		
13	Gross receipts tax included in budget (Exhibit RAD-32)	60,007		
14	Adjustment for gross receipts tax at normalized revenue level (Lines 12 - 13)		(463)	
15	Adjustment for payroll taxes on normalized payroll (Supporting Schedule No. 1, Line 8)		30	
16	Total normalizing adjustment (Lines 4 + 10 + 14 + 15)			(1,066)
17	Taxes other than income per budget for the 12 months ending 12/31/2017, as adjusted			$ 63,433

West Penn Power Company
Supporting Schedule No.1 to Normalizing Adjustment No. 11
$000

Adjustment to Taxes Other Than Income to Reflect Changes in Payroll Taxes

To determine the additional payroll tax expense associated with the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Line No.	Description	Amount (1)
1	Total payroll per budget for the 12 months ending 12/31/2017 (Normalization Adjustment No. 5, Schedule 1, Line 1)	$ 65,107
2	Total payroll tax included in budget (Exhibit RAD-32)	2,105
3	Effective payroll tax rate (Line 2 / Line 1)	3.233%
4	Total payroll as adjusted (Normalization Adjustment No. 5, Schedule 1, Line 11)	$ 66,936
5	Payroll tax on normalized payroll (Lines 3 x 4)	$ 2,164
6	Total Company payroll tax adjustment (Lines 5 - 2)	$ 59
7	O&M Allocation percentage	50.50%
8	Adjustment for payroll tax (Lines 6 x 7)	$ 30

West Penn Power Company
Normalization Adjustment No. 12
$000

Adjustment of Federal & State Income Taxes

To adjust federal and state income taxes to reflect the revenue and expense levels shown on Exhibit RAD-2, Page 1, Col. 3 - Budget as Adjusted.

Line No.	Description	Total Company Calculated Taxes (1)	Distribution Calculated Taxes (2)	Smart Meter Rider Calculated Taxes (3)	PAPUC Total Distribution Calculated Taxes (4) = (2) ÷ (3)	PTC Calculated Taxes (5)	Universal Service Calculated Taxes (6)	Energy Efficiency Calculated Taxes (7)	DSS Calculated Taxes (8)
1	Total operating revenue	$ 1,026,537	$ 326,131	$ 44,176	$ 370,307	$ 558,676	$ 31,721	$ 24,097	$ 41,737
2	Less: Total O& M Expense	$ 772,091	$ 123,392	$ 16,341	$ 139,733	$ 528,113	$ 29,422	$ 23,326	$ 51,497
3	Depreciation - accrual	69,719	56,110	13,609	69,719	-	-	-	-
4	Average net salvage	8,736	8,736	-	8,736	-	-	-	-
5	Amortization	9,399	19,223	-	19,223	(2,493)	868	(642)	(7,557)
6	Taxes other than income taxes	63,433	22,118	2,606	24,724	32,962	1,872	1,413	2,462
7	Total deductions	$ 923,378	$ 229,579	$ 32,556	$ 262,135	$ 558,582	$ 32,162	$ 24,097	$ 46,402
8	Net operating income before income taxes	$ 103,159	$ 96,552	$ 11,620	$ 108,172	$ 93	$ (441)	$ -	$ (4,665)
9	Less: Interest Charges (A)	33,008	30,932	2,076	33,008	-	-	-	-
10	Net income before income taxes	$ 70,151	$ 65,620	$ 9,544	$ 75,164	$ 93	$ (441)	$ -	$ (4,665)
	Adjustments to taxable income:								
11	Book Average net salvage	$ 8,736	$ 8,736	$ -	$ 8,736	$ -	$ -	$ -	$ -
12	Adj. of book depreciation to tax basis (B)	(29,057)	(4,439)	(24,618)	(29,057)	-	-	-	-
13	Adj. to Amortization of Legacy Meters	15,443	15,443	-	15,443	-	-	-	-
14	Tax cost of removal/salvage	(9,873)	(9,873)	-	(9,873)	-	-	-	-
15	Adjust cash pension	7,216	7,216	-	7,216	-	-	-	-
16	Net adjustment	$ (7,535)	$ 17,083	$ (24,618)	$ (7,535)	$ -	$ -	$ -	$ -
17	Income subject to income tax (Lines 10 + 16)	$ 62,616	$ 82,703	$ (15,074)	$ 67,629	$ 93	$ (441)	$ -	$ (4,665)
	Adjustments to state taxable income:								
18	Plus: Federal Bonus Depreciation	$ 58,618	$ 58,618	$ -	$ 58,618	$ -	$ -	$ -	$ -
19	Less: Additional State Depreciation	(14,573)	(14,573)	-	(14,573)	-	-	-	-
20	Net adjustment to state taxable income	$ 44,045	$ 44,045	$ -	$ 44,045	$ -	$ -	$ -	$ -
21	Income subject to state income tax (Lines 17 + 20)	$ 106,661	$ 126,748	$ (15,074)	$ 111,674	$ 93	$ (441)	$ -	$ (4,665)
22	State income tax @ 9.99%	$ 10,655	$ 12,662	$ (1,506)	$ 11,156	$ 9	$ (44)	$ -	$ (466)
23	Taxes as budgeted	4,902	4,902	-	4,902	-	-	-	-
24	Adjustment to state income tax	$ 5,753	$ 7,760	$ (1,506)	$ 6,254	$ 9	$ (44)	$ -	$ (466)
25	Income subject to federal income tax	$ 51,961	$ 70,041	$ (13,568)	$ 56,473	$ 84	$ (397)	$ -	$ (4,199)
26	Federal income tax @ 35%	18,186	24,514	(4,749)	19,765	29	(139)	-	(1,470)
27	Taxes as budgeted	10,342	10,342	-	10,342	-	-	-	-
28	Adjustment to federal income tax	$ 7,844	$ 14,172	$ (4,749)	$ 9,423	$ 29	$ (139)	$ -	$ (1,470)
	(A) Computation of Interest charges								
	Total rate base	$ 1,364,215	$ 1,278,421	$ 85,794	$ 1,364,215	$ -	$ -	$ -	$ -
	Debt ratio	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%
	Cost of debt	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%
	Interest expense	$ 33,008	$ 30,932	$ 2,076	$ 33,008	$ -	$ -	$ -	$ -
	(B) Adjustment of book depreciation to tax basis:								
	Tax depreciation	$ 98,776	$ 60,549	$ 38,227	$ 98,776	$ -	$ -	$ -	$ -
	Book depreciation	$ 69,719	$ 56,110	$ 13,609	$ 69,719	$ -	$ -	$ -	$ -
	Depreciation adjustment	$ 29,057	$ 4,439	$ 24,618	$ 29,057	$ -	$ -	$ -	$ -

West Penn Power Company
Supporting Schedule No. 1 to Normalization Adjustment No. 12
$000

Adjustment of Tax Depreciation

To adjust tax depreciation (1) to eliminate the cost of removal component and (2) to eliminate non-jurisdictional tax depreciation. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Depreciation (1)	Jurisdictional Adjustment (2)	Distribution (3)
1	Tax depreciation expense per budget (Exhibit RAD-33)	$ 122,162		
2	Cost of removal / salvage in tax depreciation	11,767	83.90%	9,873
3	Smart meter tax depreciation	38,227		38,227
4	Distribution tax depreciation	$ 72,168	83.90%	60,549
5	Total tax depreciation (Lines 3 + 4)			$ 98,776

West Penn Power Company
Normalization Adjustment No. 13
$000

Adjustment of Provision for Deferred Income Taxes

To adjust the provision for deferred income taxes (1) to reflect year-end plant balances for federal deferred income taxes, (2) to eliminate miscellaneous federal deferred taxes not associated with liberalized depreciation, and (3) to eliminate all state deferred income taxes associated with liberalized depreciation.

Line No.	Description	Provision for Deferred Taxes - Net	
		Federal	State
		(1)	(2)
1	Deferred taxes per budget, 12 months ending 12/31/2017	$ 32,154	$ 8,576
2	Deferred taxes - liberalized depreciation (Exhibit RAD-41, Page 17)	24,126	-
3	Less: Smart meter deferred taxes	(8,388)	-
4	Distribution deferred taxes	15,738	-
5	Jurisdictional allocation factor	83.90%	83.90%
6	Jurisdictional deferred taxes - liberalized depreciation (Lines 4 x 5)	13,204	-
7	Plus: Smart meter deferred taxes	8,388	-
8	Total deferred taxes	21,592	-
9	Adjustment to deferred tax expense (Lines 8 - 1)	(10,562)	(8,576)
10	Deferred tax expense per budget for the 12 months ending 12/31/2017, as adjusted	$ 21,592	$ -

West Penn Power Company
Normalization Adjustment No. 14
$000

Adjustment of Investment Tax Credit

To adjust investment tax credit to eliminate non-jurisdictional investment tax credit. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Investment tax credit per budget, 12 months ending 12/31/2017		$ (948)
2	Jurisdictional allocation factor	16.10%	
3	Less: Adjustment to investment tax credit (Lines 1 x 2)		153
4	Investment tax credit per budget for the 12 months ending 12/31/2017, as adjusted		$ (795)

WEST PENN POWER COMPANY
Rate Base At Original Cost
Normalized To Year-End Conditions at December 31, 2016
($000)

Line No.	Description	Per Budget	Adjustments and Normalizations	Adj No.	Total	Pa Jurisdictional Normalized Rate Base		
						Distribution	Smart Meter	PA Jurisdictional Total
		(1)	(2)		(3)	(4)	(5)	(6) = (4) + (5)
	Electric Plant:							
1	Plant in service	$ 2,735,655	$ (456,097)	1	$ 2,279,558	$ 2,187,432	$ 92,126	$ 2,279,558
2	Plant held for future use	12	(12)	2	-	-	-	-
3	Construction work in progress - pollution control and safety	-	-		-	-	-	-
4	Total electric plant	$ 2,735,667	$ (456,109)		$ 2,279,558	$ 2,187,432	$ 92,126	$ 2,279,558
	Depreciation & Amortization Reserve:							
5	Plant in service	$ 1,053,632	$ (227,433)	3	$ 826,199	$ 804,325	$ 21,874	$ 826,199
6	Plant held for future use	-	-		-	-	-	-
7	Total depreciation & amortization reserve	$ 1,053,632	$ (227,433)		$ 826,199	$ 804,325	$ 21,874	$ 826,199
8	Net Electric Plant	$ 1,682,035	$ (228,676)		$ 1,453,359	$ 1,383,107	$ 70,252	$ 1,453,359
	Additions:							
9	Cash working capital	$ -	$ 123,226	4	$ 123,226	$ 123,226	$ -	$ 123,226
10	M&S inventories	-	13,639	5	13,639	13,639	-	13,639
11	Legacy meters	-	61,756	6	61,756	61,756		61,756
12	Deferred storm	-	13,444	7	13,444	13,444	-	13,444
13	Total additions	$ -	$ 212,065		$ 212,065	$ 212,065	$ -	$ 212,065
	Deductions:							
14	Customer deposits	$ 23,633	$ -		$ 23,633	$ 23,633	$ -	$ 23,633
15	Customer advances for construction	538	-		538	538	-	538
16	Accum. Deferred income taxes - Liberalized depreciation	433,073	(89,004)	8	344,069	327,591	16,478	344,069
17	Operating reserves (net of taxes)	2,522	(406)	9	2,116	2,116	-	2,116
18	Total deductions	$ 459,766	$ (89,410)		$ 370,356	$ 353,878	$ 16,478	$ 370,356
19	Total Rate Base	$ 1,222,269	$ 72,799		$ 1,295,068	$ 1,241,294	$ 53,774	$ 1,295,068
20	Pro forma return at present rates (PA Distribution)	$ 60,695	Dollars					
21		4.69%	Percent					
22	Pro forma return at proposed rates (PA Distribution)	$ 102,339	Dollars					
23		7.90%	Percent					

WEST PENN POWER COMPANY

Normalization Adjustment No. 1
($000)

Adjustment of Electric Plant in Service

To adjust the budgeted gross plant in service to (1) eliminate Asset Retirement Costs ("ARC"); (2) remove FERC Transmission Plant which is non-jurisdictional; (3) remove an allocated portion of Intangible Plant that supports FERC Transmission Plant; (4) remove an allocated portion of General Plant that supports FERC Transmission Plant; (5) reflect inclusion of LED Streetlights in accordance with the latest work plan; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments	Plant in Service
		(1)	(2)
1	Budgeted Plant in Service at 12/31/2016 (Exhibit RAD-47 Attachment B, Page 1)		$ 2,735,655
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-47 Attachment B, Page 1)	$ (748)	
3	Remove FERC Transmission Plant (Exhibit RAD-47 Attachment B, Page 1)	(409,597)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-47 Attachment B, Page 1)	(4,989)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-47 Attachment B, Page 1)	(31,912)	
6	Reflect inclusion of LED Streelights (Exhibit RAD-47 Attachment B, Page 1)	5,474	
7	Remove Plan B smart meters (Exhibit RAD-47 Attachment B, Page 1)	(14,325)	
8	Normalization adjustment		(456,097)
9	Plant in Service at 12/31/2016, as adjusted		$ 2,279,558

WEST PENN POWER COMPANY

Normalization Adjustment No. 2
($000)

Adjustment of Plant Held for Future Use

To adjust Plant Held for Future Use. As an alternative to rate base treatment, the Company is requesting the allowance of deferred carrying charges on any current or future investments in Plant Held for Future Use with definitive plans of utilization within a ten-year period. This is consistent with long-standing Commission policy.

Line No.		Amount (1)
1	Per budget Plant Held for Future Use at 12/31/2016	$ 12
	Normalizing adjustment:	
2	Eliminate Plant Held for Future Use	(12)
3	Plant Held for Future Use at 12/31/2016, as adjusted	$ -

WEST PENN POWER COMPANY

Normalization Adjustment No. 3
($000)

Adjustment of Depreciation Reserves - Plant In Service

To adjust the budgeted plant in service depreciation reserves to (1) eliminate Asset Retirement Costs ("ARC") reserves; (2) remove FERC Transmission Plant reserves which are non-jurisdictional; (3) remove an allocated portion of Intangible Plant reserves that support FERC Transmission Plant; (4) remove an allocated portion of General Plant reserves that support FERC Transmission Plant; (5) eliminate legacy meter reserve inadvertently budgeted; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments (1)	Depreciation Reserves Plant in Service (2)
1	Plant in Service depreciation reserves at 12/31/2016		$ 1,053,632
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-47 Attachment B, Pages 2 - 4)	$ (216)	
3	Remove FERC Transmission Plant (Exhibit RAD-47 Attachment B, Pages 2 - 4)	(207,666)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-47 Attachment B, Pages 2 - 4)	(2,300)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-47 Attachment B, Pages 2 - 4)	(15,389)	
6	Eliminate legacy meter reserve inadvertently budgeted (Exhibit RAD-47 Attachment B, Pages 2 -4)	1,605	
7	Remove Plan B smart meters ((Exhibit RAD-47 Attachment B, Pages 2 - 4)	(3,467)	
8	Normalization adjustment		(227,433)
9	Plant in Service depreciation reserves at 12/31/2016, as adjusted		$ 826,199

WEST PENN POWER COMPANY

Normalization Adjustment No. 4
($000)

Adjustment of Cash Working Capital

To recognize cash working capital at year-end level. The cash working capital is supported by Mr. J. L. Adams.

Line No.		Cash Working Capital (1)	Cash Working Capital (2)
1	Cash working capital per budget at 12/31/2016		$ -
	Normalizing adjustment:		
2	Cash working capital normalized to year-end (Exhibit JLA-1)	$ 123,226	
3	Cash working capital per budget	-	
4	Normalization adjustment		123,226
5	Cash working capital at 12/31/2016, as adjusted		$ 123,226

WEST PENN POWER COMPANY

Normalization Adjustment No. 5
($000)

Adjustment of Material and Supplies Inventories

To recognize the Company's distribution portion of FE Service material and supplies ("M&S") inventory levels projected at 12/31/2016.

Line No.		M&S Inventories (1)	M&S Inventories (2)
1	M&S Inventory per budget at 12/31/2016		$ -
	Normalizing adjustment:		
2	Distribution component of projected FE Service M&S Inventory allocated to West Penn at 12/31/2016 (Exhibit RAD-13)	$ 13,639	
3	M&S Inventory per budget at 12/31/2016	-	
4	Normalization adjustment		13,639
5	M&S inventory at 12/31/2016, as adjusted		$ 13,639

WEST PENN POWER COMPANY

Normalization Adjustment No. 6
($000)

Adjustment for Legacy Meters

To include in rate base unrecovered (1) legacy meters in a regulatory asset as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994; and (2) Plan B smart meters. The Plan B smart meters meet the criteria of a legacy meter because they were in place at the time of the aforementioned Order and will be replaced by newer smart meters.

Line No.		Legacy Meters (1)	Legacy Meters (2)
1	Net legacy meters in regulatory asset at 12/31/2016		$ -
	Normalizing adjustments:		
2	Legacy Meter Regulatory Asset (Exhibit RAD-64)	$ 49,942	
3	Plan B meters per books at 12/31/2015 (Exhibit RAD-47 Attachment B, Page 1)	14,325	
4	Plan B depreciation reserve per books at 12/31/2015 (Exhibit RAD-47 Attachment B, Pages 2 - 4)	(2,511)	
5	Normalization adjustment		61,756
6	Net legacy meters in regulatory asset at 12/31/2016, as adjusted		$ 61,756

WEST PENN POWER COMPANY

Normalization Adjustment No. 7
($000)

Adjustment of Deferred Storm Damage Expenses

To include in rate base (1) the deferred storm damage balance for the February 5th through February 16th, 2010 Winter Storm, approved at Docket No. P-2010-2216111; and (2) the balance of the unamortized storm reserve, approved at Docket No. R-2014-2428742 .

Line No.		Storms (1)	Storms (2)
1	Unamortized storm damage deferral expense per budget at 12/31/2016		$ -
	Normalizing adjustment:		
2	February 2010 storm damage deferral	$ 13,420	
3	Storm Reserve Balance	24	
4	Normalization Adjustment		13,444
5	Storm damage deferral expense at 12/31/2016, as adjusted		$ 13,444

WEST PENN POWER COMPANY

Normalization Adjustment No. 8
($000)

Adjustment of Accumulated Deferred Income Taxes - Liberalized Depreciation

To adjust the budgeted deferred tax balances for liberalized depreciation (excluding the impact of SFAS No. 109 deferrals) to (1) eliminate state deferred taxes - liberalized depreciation balances including the federal benefit of those taxes; (2) eliminate other excludable items; and (3) eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation balance associated with FERC Transmission Plant.

Line No.		Adjustments	Accum Reserve for Deferred Taxes - Liberalized Depreciation
1	Deferred taxes per budget - liberalized depreciation at 12/31/2016		$ 433,073
	Normalizing adjustments:		
2	Eliminate state deferred taxes - liberalized depreciation including the federal benefit of those taxes	$ (1,419)	
3	Eliminate other excludable items (capital leases)	(21,560)	
4	Eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation associated with FERC Transmission Plant	(66,025)	
5	Normalization adjustment		(89,004)
6	Deferred taxes - liberalized depreciation at 12/31/2016, as adjusted		$ 344,069

WEST PENN POWER COMPANY

Normalization Adjustment No. 9
($000)

Adjustment of Operating Reserves

To adjust operating reserves (net of accumulated deferred income taxes) to eliminate an allocated portion associated with FERC Transmission operations.

Line No.		Amount
1	Operating reserves, net of taxes, per budget at 12/31/2016	$ 2,522
	Normalizing adjustment:	
2	Eliminate portion of operating reserves associated with FERC Transmission operations	(406)
3	Operating reserves, net of taxes at 12/31/2016, as adjusted	$ 2,116

WEST PENN POWER COMPANY
Rate of Return at December 31, 2016
($000)

Line No.	Description	Exhibit JD-24 Capital Amounts	Capital Ratios	Cost Rate	Weighted Cost Rate
		(1)	(2)	(3)	(4) = (2) X (3)
1	Long Term Debt	$ 725,000	49.70%	4.87%	2.42%
2	Preferred Stock	-	0.00%	0.00%	0.00%
3	Common Equity	734,329	50.30%	10.90%	5.48%
4	Total Capitalization	$ 1,459,329	100.00%		7.90%

West Penn Power Company
Statement of Operating Income, 12 Months Ending December 31, 2016, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Per Budget (1)	Normalizations & Adjustments (2)	Adj. No.	Budget as Adjusted (3)=(1)+(2)	Normalized PAPUC Jurisdictional: Distribution (4)	Smart Meters (5)	PAPUC Total Distribution (6)=(4)+(5)	Riders: Price to Compare (7)	Universal Service (8)	Energy Efficiency (9)	Default Service Support (10)
	Operating revenues											
1	Retail sales	$ 1,024,944	$ (6,913)	1	$ 1,018,031	$ 309,674	$ 44,176	$ 353,850	$ 574,559	$ 30,844	$ 22,037	$ 36,741
2	STAS revenue	-	-	2	-	-	-	-	-	-	-	-
3	DSIC Revenue	1,218	(1,218)	3	-	-	-	-	-	-	-	-
4	Sales for resale	220			220	-	-	-	2	-	218	-
5	Other operating revenue	77,647	(61,808)	4	15,839	15,839	-	15,839	-	-	-	-
6	Total operating revenue	$ 1,104,029	$ (69,939)		$ 1,034,090	$ 325,513	$ 44,176	$ 369,689	$ 574,561	$ 30,844	$ 22,255	$ 36,741
	Operating expenses											
7	Price to Compare	$ 546,482	$ -		$ 546,482	$ -	$ -	$ -	$ 543,482	$ -	$ -	$ 3,000
8	Distribution	107,807	(20,706)	5	87,101	51,064	-	51,064	-	-	-	36,037
9	Customer accounts	28,291	1,342	6	29,633	23,732	-	23,732	-	-	-	5,901
10	Customer service & info	43,928	101	7	44,029	14,479	-	14,479	-	29,302	-	248
11	Admin & gen expense	56,574	7,654	8	64,228	25,564	17,374	42,938	-	-	21,290	-
12	Depreciation - accrual	77,679	(6,544)	9	71,135	61,597	9,538	71,135	-	-	-	-
13	Amortization	1,324	15,024	10	16,348	19,634	10,224	29,858	(2,727)	165	(335)	(10,613)
14	Taxes other than income	65,311	(1,108)	11	64,203	22,410	2,606	25,016	33,899	1,820	1,300	2,168
15	Operating expense before tax	$ 927,396	$ (4,237)		$ 923,159	$ 218,480	$ 39,742	$ 258,222	$ 574,654	$ 31,287	$ 22,255	$ 36,741
16	Operating income before income tax	$ 176,633	$ (65,702)		$ 110,931	$ 107,033	$ 4,434	$ 111,467	$ (93)	$ (443)	$ -	$ -
	Income taxes											
17	Federal income tax - current	$ 17,620	$ 882	12	$ 18,502	$ 22,960	$ (4,290)	$ 18,670	$ (29)	$ (140)	$ -	$ -
18	State income tax - current	7,930	3,702	12	11,632	13,046	(1,360)	11,686	(9)	(44)	-	-
19	Deferred income tax - federal	32,345	(11,134)	13	21,211	15,444	5,767	21,211	-	-	-	-
20	Deferred income tax - state	9,450	(9,450)	13	-	-	-	-	-	-	-	-
21	Investment tax credit	(948)	153	14	(795)	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 66,397	$ (15,847)		$ 50,550	$ 50,655	$ 117	$ 50,772	$ (38)	$ (184)	$ -	$ -
23	Total operating expenses	$ 993,793	$ (20,084)		$ 973,709	$ 269,135	$ 39,859	$ 308,994	$ 574,616	$ 31,103	$ 22,255	$ 36,741
24	**Operating income**	$ 110,236	$ (49,855)		$ 60,381	$ 56,378	$ 4,317	$ 60,695	$ (55)	$ (259)	$ -	$ -

West Penn Power Company
Statement of Operating Income, 12 Months Ending December 31, 2016, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PAPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(11)	(12)	(13)=(11)+(12)	(14)	(15)	(16)	(17)
	Operating revenues							
1	Retail sales	$ 75,765	$ (123)	$ 75,642	$ -	$ -	$ -	$ -
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	-	-	-	-
5	Other operating revenue	-	-	-	-	-	-	-
6	Total operating revenue	$ 75,765	$ (123)	$ 75,642	$ -	$ -	$ -	$ -
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	Distribution	-	-	-	-	-	-	-
9	Customer accounts	-	-	-	-	-	-	-
10	Customer service & info	-	-	-	-	-	-	-
11	Admin & gen expense	-	-	-	-	-	-	-
12	Depreciation - accrual	-	-	-	-	-	-	-
13	Amortization	-	-	-	-	-	-	-
14	Taxes other than income	4,470	(7)	4,463	-	-	-	-
15	Operating expense before tax	$ 4,470	$ (7)	$ 4,463	$ -	$ -	$ -	$ -
16	Operating income before income tax	$ 71,295	$ (116)	$ 71,179	$ -	$ -	$ -	$ -
	Income taxes							
17	Federal income tax - current	$ 22,460	$ (36)	$ 22,424	$ -	$ -	$ -	$ -
18	State income tax - current	7,122	(12)	7,111	-	-	-	-
19	Deferred income tax - federal	-	-	-	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	-	-	-	-	-	-	-
22	Total tax expense	$ 29,583	$ (48)	$ 29,535	$ -	$ -	$ -	$ -
23	Total operating expenses	$ 34,053	$ (55)	$ 33,998	$ -	$ -	$ -	$ -
24	**Operating income**	$ 41,712	$ (68)	$ 41,644	$ -	$ -	$ -	$ -

West Penn Power Company
Statement of operating Income, 12 Months Ending December 31, 2016, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PaPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(18) = (4) + (11)	(19) = (5) + (12)	(20)=(18)+(19)	(21) = (7) + (14)	(22) = (8) + (15)	(23) = (9) + (16)	(24) = (10) + (17)
	Operating revenues							
1	Retail sales	$ 385,439	$ 44,053	$ 429,492	$ 574,559	$ 30,844	$ 22,037	$ 36,741
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	2	-	218	-
5	Other operating revenue	15,839	-	15,839	-	-	-	-
6	Total operating revenue	$ 401,278	$ 44,053	$ 445,331	$ 574,561	$ 30,844	$ 22,255	$ 36,741
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ 543,482	$ -	$ -	$ 3,000
8	Distribution	51,064		51,064	-	-	-	36,037
9	Customer accounts	23,732	-	23,732	-	-	-	5,901
10	Customer service & info	14,479	-	14,479	-	29,302	-	248
11	Admin & gen expense	25,564	17,374	42,938	-	-	21,290	-
12	Depreciation - accrual	61,597	9,538	71,135	-	-	-	-
13	Amortization	19,634	10,224	29,858	(2,727)	165	(335)	(10,613)
14	Taxes other than income	26,880	2,599	29,479	33,899	1,820	1,300	2,168
15	Operating expense before tax	$ 222,950	$ 39,735	$ 262,685	$ 574,654	$ 31,287	$ 22,255	$ 36,741
16	Operating income before tax	$ 178,328	$ 4,318	$ 182,646	$ (93)	$ (443)	$ -	$ -
	Income taxes							
17	Federal income tax - current	$ 45,420	$ (4,326)	$ 41,094	$ (140)	$ -	$ -	$ -
18	State income tax - current	20,168	(1,372)	18,797	(9)	(44)	-	-
19	Deferred income tax - federal	15,444	5,767	21,211	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 80,238	$ 69	$ 80,307	$ (149)	$ (44)	$ -	$ -
23	Total operating expenses	$ 303,188	$ 39,804	$ 342,992	$ 574,505	$ 31,243	$ 22,255	$ 36,741
24	**Operating Income**	$ 98,090	$ 4,249	$ 102,339	$ 56	$ (399)	$ -	$ -
25	**Rate Base**	$ 1,241,294	$ 53,774	$ 1,295,068	$ -	$ -	$ -	$ -
								$ -
26	**Rate of Return overall**	7.90%	7.90%	7.90%	0.00%	0.00%	0.00%	0.00%
27	**Return on Equity**	10.90%	10.90%	10.90%	0.00%	0.00%	0.00%	0.00%

West Penn Power Company
Summary of Revenue Requirements
Distribution
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 309,674	$ 75,765	$ 385,439
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	15,839	-	15,839
6	Total operating revenue	$ 325,513	$ 75,765	$ 401,278
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	51,064	-	51,064
9	Customer accounts	23,732	-	23,732
10	Customer service & info	14,479	-	14,479
11	Admin & gen expense	25,564	-	25,564
12	Depreciation - accrual	61,597	-	61,597
13	Amortization	19,634	-	19,634
14	Taxes other than income	22,410	4,470	26,880
15	Operating expense before tax	$ 218,480	$ 4,470	$ 222,950
16	Operating income before tax	$ 107,033	$ 71,295	$ 178,328
	Income taxes			
17	Federal income tax - current	$ 22,960	$ 22,460	$ 45,420
18	State income tax - current	13,046	7,122	20,168
19	Deferred income tax - federal	15,444	-	15,444
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 50,655	$ 29,583	$ 80,238
23	Total operating expenses	$ 269,135	$ 34,053	$ 303,188
24	**Operating Income**	$ 56,378	$ 41,712	$ 98,090
25	**Rate Base**	$ 1,241,294		$ 1,241,294
26	**Rate of Return overall**	4.54%		7.90%
27	**Return on Equity**	4.22%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Smart Meter Technologies
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 44,176	$ (123)	$ 44,053
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	-	-	-
6	Total operating revenue	$ 44,176	$ (123)	$ 44,053
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	-	-	-
9	Customer accounts	-	-	-
10	Customer service & info	-	-	-
11	Admin & gen expense	17,374	-	17,374
12	Depreciation - accrual	9,538	-	9,538
13	Amortization	10,224	-	10,224
14	Taxes other than income	2,606	(7)	2,599
15	Operating expense before tax	$ 39,742	$ (7)	$ 39,735
16	Operating income before tax	$ 4,434	$ (116)	$ 4,318
	Income taxes			
17	Federal income tax - current	$ (4,290)	$ (36)	$ (4,326)
18	State income tax - current	(1,360)	(12)	(1,372)
19	Deferred income tax - federal	5,767	-	5,767
20	Deferred income tax - state	-	-	-
21	Investment tax credit	-	-	-
22	Total tax expense	$ 117	$ (48)	$ 69
23	Total operating expenses	$ 39,859	$ (55)	$ 39,804
24	**Operating Income**	$ 4,317	$ (68)	$ 4,249
25	**Rate Base**	$ 53,774		$ 53,774
26	**Rate of Return overall**	8.03%		7.90%
27	**Return on Equity**	11.15%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Total Distribution
$000

Line No.	Description	Budget as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 353,850	$ 75,642	$ 429,492
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	15,839	-	15,839
6	Total operating revenue	$ 369,689	$ 75,642	$ 445,331
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	51,064	-	51,064
9	Customer accounts	23,732	-	23,732
10	Customer service & info	14,479	-	14,479
11	Admin & gen expense	42,938	-	42,938
12	Depreciation - accrual	71,135	-	71,135
13	Amortization	29,858	-	29,858
14	Taxes other than income	25,016	4,463	29,479
15	Operating expense before tax	$ 258,222	$ 4,463	$ 262,685
16	Operating income before tax	$ 111,467	$ 71,179	$ 182,646
	Income taxes			
17	Federal income tax - current	$ 18,670	$ 22,424	$ 41,094
18	State income tax - current	11,686	7,111	18,797
19	Deferred income tax - federal	21,211	-	21,211
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 50,772	$ 29,535	$ 80,307
23	Total operating expenses	$ 308,994	$ 33,998	$ 342,992
24	**Operating Income**	$ 60,695	$ 41,644	$ 102,339
25	**Rate Base**	$ 1,295,068		$ 1,295,068
26	**Rate of Return overall**	4.69%		7.90%
27	**Return on Equity**	4.51%		10.90%

West Penn Power Company
Normalization Adjustment No. 1
$000

Adjustment of Base Operating Revenues

To adjust base operating revenues (1) for changes in number of customers, (2) to roll State Tax Adjustment Surcharge ("STAS") revenues into base rates, (3) to roll Distribution System Improvement Charge ("DSIC") revenue into base rates, (4) for Energy Efficiency and Behind the Meter generation, (5) for other revenue, and (6) to eliminate unbilled revenues. Adjustments (1) through (5) are supported by Mr. K. M. Siedt. The adjustment for unbilled revenues is supported by Mr. R. A. D'Angelo.

Line No.	Description	Amount (1)	Amount (2)
1	Base revenues per budget for the 12 months ending 12/31/2016		$ 1,024,944
	Normalizing adjustments:		
2	Customers - increase to year end level	$ 610	
	Specific adjustments		
3	Roll-in of STAS	-	
4	Roll-in of DSIC	1,218	
5	Energy Efficiency/ Behind the Meter	(7,468)	
6	Other Revenue Adjustment	(1,014)	
7	Eliminate unbilled revenues	(259)	
8	Total (Lines 3 + 4 + 5 + 6 + 7)	$ (7,523)	
9	Normalizing adjustment (Lines 2 + 8)		(6,913)
10	Base revenues per budget for the 12 months ending 12/31/2016, as adjusted		$ 1,018,031

West Penn Power Company
Normalization Adjustment No. 2
$000

Adjustment of State Tax Adjustment Surcharge Revenues

To remove state tax adjustment surcharge ("STAS") revenues. Normalized STAS revenues are being rolled into base rates.

Line No.	Description	Amount (1)	Amount (2)
1	STAS revenue per budget for the 12 months ending 12/31/2016		$ -
2	Eliminate per budget STAS	$ -	
3	Total normalizing adjustment		-
4	STAS revenue per budget for the 12 months ending 12/31/2016, as adjusted		$ -

West Penn Power Company
Normalization Adjustment No. 3
$000

Adjustment of Distribution System Improvement Charge Revenues

To remove distribution system improvement charge ("DSIC") revenues. Normalized DSIC revenues are being rolled into base rates in Normalization Adjustment No. 1.

Line No.	Description	Amount (1)	Amount (2)
1	DSIC revenue per budget for the 12 months ending 12/31/2016		$ 1,218
2	Eliminate per budget DSIC	$ (1,218)	
3	Total normalizing adjustment		(1,218)
4	DSIC revenue per budget for the 12 months ending 12/31/2016, as adjusted		$ -

West Penn Power Company
Normalization Adjustment No. 4
$000

Adjustment of Other Operating Revenues

To adjust other operating revenue (1) to adjust late payment charges; and (2) to eliminate non-jurisdictional transmission revenues. The adjustment to late payment charge is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)	Amount (2)
1	Other operating revenue per budget for the 12 months ending 12/31/2016		$ 77,647
2	Late payment charges	$ 3,000	
3	Less: Late payment charges per budget	(3,000)	
4	Adjustment to late payment charges	$ -	
5	Eliminate non-jurisdictional transmission revenues	(61,808)	
6	Total normalizing adjustment (Lines 4 + 5)		(61,808)
7	Other operating revenue per budget for the 12 months ending 12/31/2016, as adjusted		$ 15,839

West Penn Power Company
Normalization Adjustment No. 5
$000

Adjustment of Distribution Expense

To adjust distribution expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to eliminate non-jurisdictional transmission expense, (4) to include the jurisdictional portion of the amortization of gains or losses on reacquired debt, and (5) to include costs associated with contractor safety requests. Mr. T. J. Dolezal supports the jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Distribution expense per budget for the 12 months ending 12/31/2016		$ 107,807
2	Distribution payroll expense adjustment to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 16, Column 2)	$ 451	
3	Service Company distribution payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 28, Column 2)	196	
4	Eliminate non-jurisdictional transmission expense	(21,665)	
5	Amortization of (gain) or loss on reacquired debt	48	
6	Allocation ratio based on distribution plant	83.90%	
7	Distribution portion of (gain) or loss	$ 40	
8	Increase distribution expenses for contractor safety requests	272	
9	Total normalizing adjustment (Lines 2 + 3 + 4 + 7 + 8)		(20,706)
10	Distribution expense per budget for the 12 months ending 12/31/2016, as adjusted		$ 87,101

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 5
($000)

Adjustment of Payroll Expense to Reflect Year End Employee Levels and Wage Rates

To determine the additional payroll expense associated with (1) year end bargaining and non-bargaining wage rates and employee levels, and (2) Service Company year end wage rates and employee levels; and to allocate the additional payroll expense to individual components. Mr. T. J. Dolezal supports the labor allocation factors.

Line No.	Description	Amount (1)	Amount (2)
1	Total company payroll for the 12 months ending 12/31/2016 (Exhibit RAD-27)		$ 62,302
	Bargaining		
	UWUA 102		
2	Straight time per budget for January 1, 2016 through April 30, 2016	$ 9,573	
3	Straight time 2.5% increase effective May 1, 2016 (Line 2 x 2.5%)	239	
4	Straight time per budget for the 12 months ending 12/31/2016, as adjusted	30,325	
5	Straight time 2.5% increase effective May 1, 2017 (Line 4 x 2.5%)	758	
	Non-Bargaining		
6	Straight time per budget for January 1, 2016 through February 28, 2016	3,210	
7	Straight time 3% increase effective March 1, 2016 (Line 6 x 3%)	96	
8	Straight time per budget for the 12 months ending 12/31/2016, as adjusted	21,236	
9	Straight time 3% increase effective March 1, 2017 (Line 8 x 3%)	637	
10	Total company payroll adjustment (Lines 3 + 5 + 7 + 9)		1,730
11	Total company payroll as adjusted (Lines 1 + 10)		$ 64,032
12	O&M allocation percentage		51.14%
13	O&M payroll adjustment (Lines 10 x 12)		$ 885
	Allocation of payroll adjustment:		
14	PTC	0.00%	$ -
15	Transmission	9.51%	84
16	Distribution	50.97%	451
17	Customer accounts	18.09%	160
18	Customer service	11.43%	101
19	Administrative and general	10.00%	89
20	Total	100.00%	$ 885
	Service Company		
21	Straight time per budget for January 1, 2016 through February 28, 2016	$ 2,821	
22	Straight time 3% increase effective March 1, 2016 (Line 22 x 3%)	85	
23	Straight time per budget for the 12 months ending 12/31/2016, as adjusted	18,867	
24	Straight time 3% increase effective March 1, 2017 (Line 23 x 3%)	566	
25	Total Service Company payroll adjustment (Lines 22 + 24)		651
	Allocation of Service Company payroll (Exhibit RAD-25)		
26	Production	0.00%	$ -
27	Transmission	5.69%	37
28	Distribution	30.15%	196
29	Customer accounting and information	17.77%	116
30	Administrative and general	46.39%	302
31	Total	100.00%	$ 651

West Penn Power Company
Normalization Adjustment No. 6
$000

Adjustment of Customer Account Expense

To adjust customer account expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to include increased O&M costs associated with serving new customers, and (4) to include interest on customer deposits.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Account expense per budget for the 12 months ending 12/31/2016		$ 28,291
2	Customer Account payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 17, Col. 2)	$ 160	
3	Service Company customer account payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 29, Col. 2)	116	
4	Increased O&M costs associated with increased number of customers in normalized revenue levels (Supporting Schedule No. 1, Line 10)	12	
5	Interest on customer deposits (Supporting Schedule No. 2, Line 3, Col. 3)	1,054	
6	Total normalizing adjustment (Lines 2 + 3 + 4 + 5)		1,342
7	Customer Account expense per budget for the 12 months ending 12/31/2016, as adjusted		$ 29,633

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense Associated with Serving New Customers

To determine the cost associated with serving the additional customers reflected in Normalization Adjustment No. 1. The ratio of non-payroll customer account expense to total revenue is applied to the additional revenue from increased customers to estimate this cost. The Commission previously recognized and approved this adjustment. The adjustment to base operating revenue for changes in number of customers is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)
	Customer Account Expense Excluding Labor and Uncollectibles	
1	Customer Account expense per budget for the 12 months ending 12/31/2016	$ 28,291
2	Less: Uncollectible expense	(13,711)
3	Less: Labor expense	(7,474)
4	Customer Account expense excluding labor and uncollectible expense	$ 7,106
	Total Distribution Revenue	
5	Distribution revenues per budget	$ 360,762
6	Late payment charges per budget (Exhibit RAD-55)	3,000
7	Total	$ 363,762
8	Ratio of customer account expense to total revenue (Line 4 / Line 7)	1.95%
9	Revenue from added customers (Normalization Adjustment No. 1, Line 2)	$ 610
10	Additional expense from added customers (Lines 8 x 9)	$ 12

West Penn Power Company
Supporting Schedule No.2 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense to Allow for Interest Expense on Customer Deposits

To determine the interest paid on customer deposits. Since customer deposits are funds supplied to the Company by customers, they are included in rate base as a deduction. The Commission previously recognized this adjustment to include the corresponding interest paid to customers on these deposits as a expense.

Line No.	Description	Residential	Non Residential	Total
		(1)	(2)	(3)
1	Customer deposits included in rate base (Exhibit RAD-3, Page 1, Col. 1, Line 14)	$ 12,116	$ 11,518	$ 23,634
2	Interest rate on deposits	3%	6%	
3	Interest expense on customer deposits (Lines 1 x 2)	$ 363	$ 691	$ 1,054

West Penn Power Company
Normalization Adjustment No. 7
$000

Adjustment of Customer Service and Information Expense

To adjust customer service and information expense to reflect year end wage rates and employee levels.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Service expense per budget for the 12 months ending 12/31/2016		$ 43,928
2	Customer Service payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 18, Col. 2)	$ 101	
3	Total normalizing adjustment		101
4	Customer Service expense per budget for the 12 months ending 12/31/2016, as adjusted		$ 44,029

West Penn Power Company
Normalization Adjustment No. 8
$000

Adjustment of Administrative and General Expense

To adjust administrative and general expenses (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to reflect OPEB expense at service cost level, (4) to reflect pension expense at the ten year cash level, (5) to reflect employee benefits expense at year end wage rates and employee levels, (6) to include amortization of rate case expenses, and (7) to eliminate non-jurisdictional administrative and general expenses. Mr. T. J. Dolezal supports the non-jurisdictional expense allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Administrative & general expense per budget for the 12 months ending 12/31/2016		$ 56,574
2	A & G Expenses related to EEC	$ (21,290)	
3	A & G Expenses related to Smart Meters	(17,374)	
4	Adjustment to A & G	(38,664)	
5	Net A & G expenses related to Distribution (Lines 1 + 4)	17,910	
6	Administrative & general payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 19 Col. 2)	89	
7	Service Company administrative and general payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 30, Col. 2)	302	
8	Adjust OPEB expense to service cost level (Supporting Schedule No. 1, Line 12, Col. 1)	2,354	
9	Adjust pension expense to ten year cash level (Supporting Schedule No. 2, Line 17, Col. 3)	7,130	
10	Adjust employee benefit costs (Supporting Schedule No. 3, Line 8, Col. 3)	406	
11	Subtotal of adjustments (Lines 6 + 7 + 8 + 9 + 10)	$ 10,281	
12	Administrative and general expense, adjusted (Lines 5 + 11)	$ 28,191	
13	Non-jurisdictional expense allocation factor	10.57%	
14	Non-jurisdictional administrative and general expense (Lines 12 x 13)	$ (2,980)	
15	Rate case expenses to be incurred during current rate proceeding (Exhibit RAD-23)	$ 706	
16	Recovery period - 2 years	2	
17	Annual amount (Line 15 / Line 16)	$ 353	
18	Total normalizing adjustment (Lines 11 + 14 + 17)		7,654
19	Administrative and general expense per budget for the 12 months ending 12/31/2016, as adjusted		$ 64,228

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 8
$000

Adjustment of OPEB Expense

To adjust OPEB expense to the test year service cost. The service cost represents the actuarial present value of benefit liabilities accrued under the plan benefit formula for services rendered during the test year. Inclusion of the service cost in rates provides for recovery of the current cost of benefits earned by plan participants. Any excess or shortfall related to the expected return on plan assets are not included because their inclusion would artificially reduce or increase total costs and result in the recovery of more or less than the actual normal cost of service. The adjustment for OPEB expense to the current service cost amount was adopted by the Commission at Docket Numbers R-00061366 and R-00061367 and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	O&M	Capital	Total
		(1)	(2)	(3)
1	O&M - Capital allocation ratios	51.14%	48.86%	100.00%
2	Company OPEB expense included in budget (Exhibit RAD-27)	$ (1,553)	$ (1,484)	$ (3,037)
3	FirstEnergy Service Corp. OPEB expense	$(12,392)	$ (11,840)	$ (24,232)
4	Allocation ratio	5.88%	5.88%	5.88%
5	Allocated FirstEnergy Service Corp. OPEB expense included in budget (Lines 3 x 4)	$ (729)	$ (696)	$ (1,425)
6	Total OPEB expense included in budget (Lines 2 + 5)	$ (2,282)	$ (2,180)	$ (4,462)
7	Service cost for company OPEB expense	$ 56	$ 53	$ 109
8	Service cost for FirstEnergy Service Corp. OPEB expense	$ 278	$ 266	$ 544
9	Allocation ratio	5.88%	5.88%	5.88%
10	Allocated FirstEnergy Service Corp. service cost (Lines 8 x 9)	$ 16	$ 16	$ 32
11	Total OPEB service cost (Lines 7 + 10)	$ 72	$ 69	$ 141
12	Adjustment to set OPEB expense at ongoing service cost level (Lines 11 - 6)	$ 2,354	$ 2,249	$ 4,603

West Penn Power Company
Supporting Schedule No. 2 to Normalizing Adjustment No. 8
$000

Adjustment of Pension Expense

To adjust pension expense to a ten year average level of actual cash contributions under the methodology that was adopted by the Commission at Docket Numbers R-00061366 and R-0061367, and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	Total	O&M %	O&M
		(1)	(2)	(3)
	Company Cash Contributions			
1	2007 Cash Pension Contribution	$ 8,841	62.31%	$ 5,509
2	2008 Cash Pension Contribution	8,463	62.28%	5,271
3	2009 Cash Pension Contribution	8,955	61.11%	5,472
4	2010 Cash Pension Contribution	18,648	56.25%	10,490
5	2011 Cash Pension Contribution	26,813	48.00%	12,870
6	2012 Cash Pension Contribution	47,313	48.00%	22,710
7	2015 Cash Pension Contribution	60,000	37.14%	22,284
8	2016 Cash Pension Contribution	9,904	51.14%	5,065
9	Total Company Cash Pension Contributions	$ 188,937		$ 89,671
	FirstEnergy Service Company Cash Contributions			
10	2016 Cash Pension Contribution	$ 24,760		
11	Allocation ratio	5.88%		
12	2016 Service Company Pension Contribution allocated to the Company	$ 1,456	51.14%	$ 745
13	Total Pension cash contributions (Line 9 + 12)	190,393		90,416
14	Number of years	10		10
15	Pension expense cash contribution, averaged over 10 years	$ 19,039		$ 9,042
16	O&M Pension Expense included in budget			1,912
17	Adjustment to Pension Expense (Lines 15 - 16)			$ 7,130

West Penn Power Company
Supporting Schedule No. 3 to Normalizing Adjustment No. 8
$000

Adjustment of Employee Benefit Expense to Reflect Year End Wage Rates and Employee Levels

To determine the normalized costs associated with providing additional employee benefits related to the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Employee benefits applicable to operating expenses:

Line No.		Effective Rate (a)	Payroll Adjustment		Benefit Adjustment
		(1)	(2)		(3) = (1) X (2)
1	Workers compensation	0.706%	$ 885	(b)	$ 6
2	Pension costs	30.326%	$ 885	(b)	268
3	OPEB costs	0.175%	$ 885	(b)	2
4	Life insurance	0.156%	$ 885	(b)	1
5	Medical insurance	9.406%	$ 885	(b)	83
6	Savings Plan	3.046%	$ 885	(b)	27
7	Other	2.193%	$ 885	(b)	19
8	Total increase due to payroll adjustment				$ 406

(a) Summary of effective employee benefit rates based on total payroll for the 12 months ending 12/31/2016

	Total Amount	Total Payroll	Effective Rate
Workers compensation (Exhibit RAD-27)	$ 440	$ 62,302	0.706%
Pension costs - normalized basis	18,894	62,302	30.326%
OPEB costs - service cost	109	62,302	0.175%
Life insurance (Exhibit RAD-27)	97	62,302	0.156%
Medical insurance (Exhibit RAD-27)	5,860	62,302	9.406%
Savings Plan (Exhibit RAD-27)	1,898	62,302	3.046%
Other (Exhibit RAD-27)	1,366	62,302	2.193%

(b) Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 13

West Penn Power Company
Normalization Adjustment No. 9
$000

Adjustment of Depreciation Expense

To adjust depreciation expense (1) to reflect equal life group ("ELG") rates on adjusted rate base, (2) to adjust cost of removal / salvage expense to a five year average per Commission practice, (3) to eliminate non-jurisdictional cost of removal / salvage expense, and (4) eliminate legacy meter cost of removal from the five year average. Mr. T. J. Dolezal supports the jurisdictional expense allocation factor. Mr. J. J. Spanos supports the ELG depreciation rates.

Line No.	Description	Amount (1)	(2)	(3)	(4)
1	Depreciation expense per budget for the 12 months ending 12/31/2016				$ 77,679
2	Cost of removal/salvage expense per budget for the 12 months ending 12/31/2016 (Exhibit RAD-30)		$ 12,279		
3	Depreciation accrual per budget (Lines 1 - 2)		$ 65,400		
4	Jurisdictional depreciation expense accrual on adjusted rate base using ELG depreciation rates (Exhibit RAD-53, Page 2)		62,399		
5	Adjustment for average remaining life accrual for jurisdictional plant (Lines 4 - 3)			$ (3,001)	
	Cost of removal / salvage				
6	Cost of removal/salvage expense per budget for the 12 months ending 12/31/2016 (Exhibit RAD-30)		$ 12,279		
	Cost of removal and salvage 2011 - 2015 (Exhibit RAD-30)				
7	2011	$ 10,258			
8	2012	130			
9	2013	11,609			
10	2014	16,219			
11	2015	14,120			
12	Total	$ 52,336			
13	Five year average (Line 12 / 5)		10,467		
14	Allocation ratio based on jurisdictional plant		83.90%		
15	Jurisdictional cost of removal/salvage expense at a five year average (Lines 13 x 14)		$ 8,782		
16	Less five year average for legacy meter cost of removal		(46)		
17	Total jurisdictional cost of removal/salvage at a five year average (Lines 15 + 16)		$ 8,736		
18	Adjustment of jurisdictional cost of removal/salvage expense to a jurisdictional five year average (Lines 17 - 6)			(3,543)	
19	Total normalizing adjustment (Lines 5 + 18)				(6,544)
20	Depreciation expense per budget for the 12 months ending 12/31/2016, as adjusted				$ 71,135

West Penn Power Company
Normalization Adjustment No. 10
$000

Adjustment of Amortization Expense

To adjust amortization expense to (1) exclude the deferral of transmission vegetation management, (2) exclude smart meter amortization in the budget, (3) include smart meter Plan A amortization in the budget, (4) exclude legacy meter cost of removal amortization per budget, (5) include the amortization of additional legacy meters and Plan B smart meters, and (6) exclude accretion expense per budget.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Amortization expense per budget for the 12 months ending 12/31/2016			$ 1,324
2	Eliminate transmission vegetation management amortization per budget		3,894	
3	Eliminate smart meter amortization per budget		(5,868)	
4	Include smart meter Plan A amortization		10,224	
5	Eliminate legacy meter cost of removal amortization per budget		834	
6	Adjustment for amortization of unrecovered legacy meters and Plan B smart meters (Supporting Schedule No. 1, Line 9)		5,940	
7	Remove accretion expense		-	
8	Normalization adjustment (Lines 2 + 3 + 4 + 5 + 6 + 7)			15,024
9	Amortization expense per budget for the 12 months ending 12/31/2016, as adjusted			$ 16,348

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 10
$000

Adjustment of Amortization Expense for Amortization of Legacy Meters

To determine the additional amortization expense associated with (1) unrecovered legacy meters to fully recover all legacy meter costs over the remaining 39 months of the original amortization period and (2) Plan B smart meters to fully recover all Plan B meter costs over 39 months. Per Order M-2013-2341994, dated March 6, 2014, the Commission authorized the Companies "to create a regulatory asset for their investment in their existing meters (Legacy Meters) to be replaced by smart meters." The Plan B smart meters were in place and will be replaced by newer smart meters.

Line No.	Description	Amount (1)	Amount (2)
1	Total Legacy Meters and Cost of Removal to be recovered (Exhibit RAD-64)	$ 56,473	
2	Less Legacy Meters and Cost of Removal in Base Rates (Exhibit RAD-64)	(48,983)	
3	Unrecovered legacy meters (Lines 1 - 2)	$ 7,490	
4	Annual amount of unrecovered legacy meter amortization (Line 3 / 39 months x 12 months)		$ 2,305
5	Plan B smart meters per budget for the 12 months ended 12/31/2015 (Exhibit RAD-47, Attachment B, Page 1)	$ 14,325	
6	Depreciation reserve for Plan B smart meters per budget for the 12 months ended 12/31/2015 (Exhibit RAD-47, Attachment B, Page 3)	2,511	
7	Net Plan B smart meters and cost of removal to be recovered (Lines 5 - 6)	$ 11,814	
8	Annual amount of Plan B smart meter amortization (Line 7 / 39 months x 12 months)		3,635
9	Annual unrecovered legacy meter and Plan B smart meter amortization		$ 5,940

West Penn Power Company
Normalization Adjustment No. 11
$000

Adjustment of Taxes Other Than Income

To adjust taxes other than income to (1) eliminate non-jurisdictional tax expense, (2) reflect normalized sales revenues in gross receipts tax expense, and (3) reflect year end wage rates and employee levels in payroll tax expenses. The non-jurisdictional allocation factor is supported by Mr. T. J. Dolezal.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Taxes Other Than Income per budget for the 12 months ending 12/31/2016			$ 65,311
2	Federal and State payroll taxes in budget (Exhibit RAD-32)	$ 2,402		
3	Non-jurisdictional percent	10.57%		
4	Eliminate non-jurisdictional payroll taxes		$ (254)	
5	Capital Stock Tax included in budget (Exhibit RAD-32)	$ -		
6	PURTA tax in budget (Exhibit RAD-32)	2,350		
7	Real Estate tax in budget (Exhibit RAD-32)	176		
8	Total Other taxes	$ 2,526		
9	Non-jurisdictional percent	16.10%		
10	Eliminate non-jurisdictional taxes		(407)	
	Gross Receipts Tax			
11	Normalized sales revenues (Exhibit RAD-2, Page 1, Col. 3)	$ 1,018,031		
12	Gross receipts tax @ 5.9%	60,064		
13	Gross receipts tax included in budget (Exhibit RAD-32)	60,545		
14	Adjustment for gross receipts tax at normalized revenue level (Lines 12 - 13)		(481)	
15	Adjustment for payroll taxes on normalized payroll (Supporting Schedule No. 1, Line 8)		34	
16	Total normalizing adjustment (Lines 4 + 10 + 14 + 15)			(1,108)
17	Taxes other than income per budget for the 12 months ending 12/31/2016, as adjusted			$ 64,203

West Penn Power Company
Supporting Schedule No.1 to Normalizing Adjustment No. 11
$000

Adjustment to Taxes Other Than Income to Reflect Changes in Payroll Taxes

To determine the additional payroll tax expense associated with the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Line No.	Description	Amount (1)
1	Total payroll per budget for the 12 months ending 12/31/2016 (Normalization Adjustment No. 5, Schedule 1, Line 1)	$ 62,302
2	Total payroll tax included in budget (Exhibit RAD-32)	2,402
3	Effective payroll tax rate (Line 2 / Line 1)	3.855%
4	Total payroll as adjusted (Normalization Adjustment No. 5, Schedule 1, Line 11)	$ 64,032
5	Payroll tax on normalized payroll (Lines 3 x 4)	$ 2,468
6	Total Company payroll tax adjustment (Lines 5 - 2)	$ 66
7	O&M Allocation percentage	51.14%
8	Adjustment for payroll tax (Lines 6 x 7)	$ 34

West Penn Power Company
Normalization Adjustment No. 12
$000

Adjustment of Federal & State Income Taxes

To adjust federal and state income taxes to reflect the revenue and expense levels shown on Exhibit RAD-4, Page 1, Col. 3 - Budget as Adjusted.

Line No.	Description	Total Company Calculated Taxes (1)	Distribution Calculated Taxes (2)	Smart Meter Rider Calculated Taxes (3)	PAPUC Total Distribution Calculated Taxes (4) = (2) + (3)	PTC Calculated Taxes (5)	Universal Service Calculated Taxes (6)	Energy Efficiency Calculated Taxes (7)	DSS Calculated Taxes (8)
1	Total operating revenue	$ 1,034,090	$ 325,513	$ 44,176	$ 369,689	$ 574,561	$ 30,844	$ 22,255	$ 36,741
2	Less: Total O& M Expense	$ 771,473	$ 114,839	$ 17,374	$ 132,213	$ 543,482	$ 29,302	$ 21,290	$ 45,186
3	Depreciation - accrual	62,399	52,861	9,538	62,399	-	-	-	-
4	Average net salvage	8,736	8,736	-	8,736	-	-	-	-
5	Amortization	16,348	19,634	10,224	29,858	(2,727)	165	(335)	(10,613)
6	Taxes other than income taxes	64,203	22,410	2,606	25,016	33,899	1,820	1,300	2,168
7	Total deductions	$ 923,159	$ 218,480	$ 39,742	$ 258,222	$ 574,654	$ 31,287	$ 22,255	$ 36,741
8	Net operating income before income taxes	$ 110,931	$ 107,033	$ 4,434	$ 111,467	$ (93)	$ (443)	$ -	$ -
9	Less: Interest Charges (A)	31,335	30,034	1,301	31,335	-	-	-	-
10	Net income before income taxes	$ 79,596	$ 76,999	$ 3,133	$ 80,132	$ (93)	$ (443)	$ -	$ -
	Adjustments to taxable income:								
11	Book Average net salvage	$ 8,736	$ 8,736	$ -	$ 8,736	$ -	$ -	$ -	$ -
12	Adj. of book depreciation to tax basis (B)	(37,698)	(20,948)	(16,750)	(37,698)	-	-	-	-
13	Adj. to Amortization of Legacy Meters	15,737	15,737	-	15,737	-	-	-	-
14	Tax cost of removal/salvage	(9,007)	(9,007)	-	(9,007)	-	-	-	-
15	Adjust cash pension	7,130	7,130	-	7,130	-	-	-	-
16	Net adjustment	$ (15,102)	$ 1,648	$ (16,750)	$ (15,102)	$ -	$ -	$ -	$ -
17	Income subject to income tax (Lines 10 + 16)	$ 64,494	$ 78,647	$ (13,617)	$ 65,030	$ (93)	$ (443)	$ -	$ -
	Adjustments to state taxable income:								
18	Plus: Federal Bonus Depreciation	$ 65,325	$ 65,325	$ -	$ 65,325	$ -	$ -	$ -	$ -
19	Less: Additional State Depreciation	(13,384)	(13,384)	-	(13,384)	-	-	-	-
20	Net adjustment to state taxable income	$ 51,941	$ 51,941	$ -	$ 51,941	$ -	$ -	$ -	$ -
21	Income subject to state income tax (Lines 17 + 20)	$ 116,435	$ 130,588	$ (13,617)	$ 116,971	$ (93)	$ (443)	$ -	$ -
22	State income tax @ 9.99%	$ 11,632	$ 13,046	$ (1,360)	$ 11,686	$ (9)	$ (44)	$ -	$ -
23	Taxes as budgeted	7,930	7,930	-	7,930	-	-	-	-
24	Adjustment to state income tax	$ 3,702	$ 5,116	$ (1,360)	$ 3,756	$ (9)	$ (44)	$ -	$ -
25	Income subject to federal income tax	$ 52,862	$ 65,801	$ (12,257)	$ 53,344	$ (84)	$ (399)	$ -	$ -
26	Federal income tax @ 35%	18,502	22,960	(4,290)	18,670	(29)	(140)	-	-
27	Taxes as budgeted	17,620	17,620	-	17,620	-	-	-	-
28	Adjustment to federal income tax	$ 882	$ 5,340	$ (4,290)	$ 1,050	$ (29)	$ (140)	$ -	$ -
	(A) Computation of Interest charges								
	Total rate base	$ 1,295,068	$ 1,241,294	$ 53,774	$ 1,295,068	$ -	$ -	$ -	$ -
	Debt ratio	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%
	Cost of debt	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%
	Interest expense	$ 31,335	$ 30,034	$ 1,301	$ 31,335	$ -	$ -	$ -	$ -
	(B) Adjustment of book depreciation to tax basis:								
	Tax depreciation	$ 100,097	$ 73,809	$ 26,288	$ 100,097	$ -	$ -	$ -	$ -
	Book depreciation	$ 62,399	$ 52,861	$ 9,538	$ 62,399	$ -	$ -	$ -	$ -
	Depreciation adjustment	$ 37,698	$ 20,948	$ 16,750	$ 37,698	$ -	$ -	$ -	$ -

West Penn Power Company
Supporting Schedule No. 1 to Normalization Adjustment No. 12
$000

Adjustment of Tax Depreciation

To adjust tax depreciation (1) to eliminate the cost of removal component and (2) to eliminate non-jurisdictional tax depreciation. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Depreciation (1)	Jurisdictional Adjustment (2)	Distribution (3)
1	Tax depreciation expense per budget (Exhibit RAD-33)	$ 124,995		
2	Cost of removal / salvage in tax depreciation	10,735	83.90%	9,007
3	Smart meter tax depreciation	26,288		26,288
4	Distribution tax depreciation	$ 87,972	83.90%	73,809
5	Total tax depreciation (Lines 3 + 4)			$ 100,097

West Penn Power Company
Normalization Adjustment No. 13
$000

Adjustment of Provision for Deferred Income Taxes

To adjust the provision for deferred income taxes (1) to reflect year-end plant balances for federal deferred income taxes, (2) to eliminate miscellaneous federal deferred taxes not associated with liberalized depreciation, and (3) to eliminate all state deferred income taxes associated with liberalized depreciation.

Line No.	Description	Provision for Deferred Taxes - Net	
		Federal	State
		(1)	(2)
1	Deferred taxes per budget, 12 months ending 12/31/2016	$ 32,345	$ 9,450
2	Deferred taxes - liberalized depreciation (Exhibit RAD-41, Page 17)	24,175	-
3	Less: Smart meter deferred taxes	(5,767)	-
4	Distribution deferred taxes	18,408	-
5	Jurisdictional allocation factor	83.90%	83.90%
6	Jurisdictional deferred taxes - liberalized depreciation (Lines 4 x 5)	15,444	-
7	Plus: Smart meter deferred taxes	5,767	-
8	Total deferred taxes	21,211	-
9	Adjustment to deferred tax expense (Lines 8 - 1)	(11,134)	(9,450)
10	Deferred tax expense per budget for the 12 months ending 12/31/2016, as adjusted	$ 21,211	$ -

West Penn Power Company
Normalization Adjustment No. 14
$000

Adjustment of Investment Tax Credit

To adjust investment tax credit to eliminate non-jurisdictional investment tax credit. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Investment tax credit per budget, 12 months ending 12/31/2016		$ (948)
2	Jurisdictional allocation factor	16.10%	
3	Less: Adjustment to investment tax credit (Lines 1 x 2)		153
4	Investment tax credit per budget for the 12 months ending 12/31/2016, as adjusted		$ (795)

WEST PENN POWER COMPANY
Rate Base At Original Cost
Normalized To Year-End Conditions at December 31, 2015
($000)

Line No.	Description	Per Books	Adjustments and Normalizations	Adj No.	Total	Pa Jurisdictional Normalized Rate Base: Distribution	Smart Meter	PA Jurisdictional Total
		(1)	(2)		(3)	(4)	(5)	(6) = (4) + (5)
	Electric Plant:							
1	Plant in service	$ 2,584,164	$ (440,381)	1	$ 2,143,783	$ 2,086,756	$ 57,027	$ 2,143,783
2	Plant held for future use	12	(12)	2	-	-	-	-
3	Construction work in progress - pollution control and safety	-	-		-	-	-	-
4	Total electric plant	$ 2,584,176	$ (440,393)		$ 2,143,783	$ 2,086,756	$ 57,027	$ 2,143,783
	Depreciation & Amortization Reserve:							
5	Plant in service	$ 999,561	$ (220,501)	3	$ 779,060	$ 764,464	$ 14,596	$ 779,060
6	Plant held for future use	-	-		-	-	-	-
7	Total depreciation & amortization reserve	$ 999,561	$ (220,501)		$ 779,060	$ 764,464	$ 14,596	$ 779,060
8	Net Electric Plant	$ 1,584,615	$ (219,892)		$ 1,364,723	$ 1,322,292	$ 42,431	$ 1,364,723
	Additions:							
9	Cash working capital	$ -	$ 123,226	4	$ 123,226	$ 123,226	$ -	$ 123,226
10	M&S inventories	-	13,639	5	13,639	13,639	-	13,639
11	Legacy meters	-	61,756	6	61,756	61,756		61,756
12	Deferred storm	-	13,444	7	13,444	13,444	-	13,444
13	Total additions	$ -	$ 212,065		$ 212,065	$ 212,065	$ -	$ 212,065
	Deductions:							
14	Customer deposits	$ 23,633	$ -		$ 23,633	$ 23,633	$ -	$ 23,633
15	Customer advances for construction	538	-		538	538	-	538
16	Accum. Deferred income taxes - Liberalized depreciation	403,628	(75,545)	8	328,083	316,718	11,365	328,083
17	Operating reserves (net of taxes)	2,522	(406)	9	2,116	2,116	-	2,116
18	Total deductions	$ 430,321	$ (75,951)		$ 354,370	$ 343,005	$ 11,365	$ 354,370
19	Total Rate Base	$ 1,154,294	$ 68,124		$ 1,222,418	$ 1,191,352	$ 31,066	$ 1,222,418
20	Pro forma return at present rates (PA Distribution)	$ 62,627	Dollars					
21		5.12%	Percent					
22	Pro forma return at proposed rates (PA Distribution)	$ 96,598	Dollars					
23		7.90%	Percent					

WEST PENN POWER COMPANY

Normalization Adjustment No. 1
($000)

Adjustment of Electric Plant in Service

To adjust the actual gross plant in service to (1) eliminate Asset Retirement Costs ("ARC"); (2) remove FERC Transmission Plant which is non-jurisdictional; (3) remove an allocated portion of Intangible Plant that supports FERC Transmission Plant; (4) remove an allocated portion of General Plant that supports FERC Transmission Plant; (5) reflect inclusion of LED Streetlights in accordance with the latest work plan; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments	Plant in Service
		(1)	(2)
1	Plant in Service at 12/31/2015 (Exhibit RAD-48 Attachment B, Page 1 and 2)		$ 2,584,164
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-48 Attachment B, Page 1)	$ (748)	
3	Remove FERC Transmission Plant (Exhibit RAD-48 Attachment B, Page 1)	(395,450)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-48 Attachment B, Page 1)	(4,356)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-48 Attachment B, Page 1)	(30,976)	
6	Reflect inclusion of LED Streelights (Exhibit RAD-48 Attachment B, Page 1)	5,474	
7	Remove Plan B smart meters (Exhibit RAD-48 Attachment B, Page 1)	(14,325)	
8	Normalization adjustment		(440,381)
9	Plant in Service at 12/31/2015, as adjusted		$ 2,143,783

WEST PENN POWER COMPANY

Normalization Adjustment No. 2
($000)

Adjustment of Plant Held for Future Use

To adjust Plant Held for Future Use. As an alternative to rate base treatment, the Company is requesting the allowance of deferred carrying charges on any current or future investments in Plant Held for Future Use with definitive plans of utilization within a ten-year period. This is consistent with long-standing Commission policy.

Line No.		Amount
		(1)
1	Plant Held for Future Use at 12/31/2015	$ 12
	Normalizing adjustment:	
2	Eliminate Plant Held for Future Use	(12)
3	Plant Held for Future Use at 12/31/2015, as adjusted	$ -

WEST PENN POWER COMPANY

Normalization Adjustment No. 3
($000)

Adjustment of Depreciation Reserves - Plant In Service

To adjust the actual plant in service depreciation reserves to (1) eliminate Asset Retirement Costs ("ARC") reserves; (2) remove FERC Transmission Plant reserves which are non-jurisdictional; (3) remove an allocated portion of Intangible Plant reserves that support FERC Transmission Plant; (4) remove an allocated portion of General Plant reserves that support FERC Transmission Plant; (5) eliminate legacy meter reserve inadvertently booked; and (6) remove Plan B smart meters as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994. An asset retirement cost ("ARC") increases the carrying amount of a long-lived asset when a liability for an asset retirement obligation ("ARO") is recognized. The ARC is depreciated over the life of the asset. The ARC and related reserve are excluded from Rate Base, while the associated depreciation expense is excluded from the Income Statement. This treatment is in accordance with 18 CFR Chapter 1 § 35.18 Asset retirement obligations.

Line No.		Adjustments (1)	Depreciation Reserves Plant in Service (2)
1	Plant in Service depreciation reserves at 12/31/2015		$ 999,561
	Normalizing adjustments:		
2	Eliminate ARC (Exhibit RAD-48 Attachment B, Pages 2 - 4)	$ (216)	
3	Remove FERC Transmission Plant (Exhibit RAD-48 Attachment B, Pages 2 - 4)	(204,708)	
4	Remove allocated portion of Intangible Plant associated with FERC Transmission Plant (Exhibit RAD-48 Attachment B, Pages 2 - 4)	(1,581)	
5	Remove allocated portion of General Plant associated with FERC Transmission Plant (Exhibit RAD-48 Attachment B, Pages 2 - 4)	(13,785)	
6	Eliminate legacy meter reserve inadvertently booked (Exhibit RAD-48 Attachment B, Pages 2 - 4)	2,300	
7	Remove Plan B smart meters ((Exhibit RAD-48 Attachment B, Pages 2 - 4)	(2,511)	
8	Normalization adjustment		(220,501)
9	Plant in Service depreciation reserves at 12/31/2015, as adjusted		$ 779,060

WEST PENN POWER COMPANY

Normalization Adjustment No. 4
($000)

Adjustment of Cash Working Capital

To recognize cash working capital at year-end level. The cash working capital is supported by Mr. J. L. Adams.

Line No.		Cash Working Capital (1)	Cash Working Capital (2)
1	Cash working capital at 12/31/2015		$ -
	Normalizing adjustment:		
2	Cash working capital normalized to year-end (Exhibit JLA-1)	$ 123,226	
3	Cash working capital per books at 12/31/2015	-	
4	Normalization adjustment		123,226
5	Cash working capital at 12/31/2015, as adjusted		$ 123,226

WEST PENN POWER COMPANY

Normalization Adjustment No. 5
($000)

Adjustment of Material and Supplies Inventories

To recognize the Company's distribution portion of FE Service material and supplies ("M&S") inventory levels at 12/31/2015.

Line No.		M&S Inventories (1)	M&S Inventories (2)
1	M&S Inventory at 12/31/2015		$ -
	Normalizing adjustment:		
2	Distribution component of FE Service M&S Inventory allocated to West Penn at 12/31/2015 (Exhibit RAD-13)	$ 13,639	
3	M&S Inventory per books at 12/31/2015	-	
4	Normalization adjustment		13,639
5	M&S inventory at 12/31/2015, as adjusted		$ 13,639

WEST PENN POWER COMPANY

Normalization Adjustment No. 6
($000)

Adjustment for Legacy Meters

To include in rate base unrecovered (1) legacy meters in a regulatory asset as ordered in the Final Order on the Smart Meter Deployment Plan at Docket No. M-2013-2341994; and (2) Plan B smart meters. The Plan B smart meters meet the criteria of a legacy meter because they were in place at the time of the aforementioned Order and will be replaced by newer smart meters.

Line No.		Legacy Meters (1)	Legacy Meters (2)
1	Net legacy meters in regulatory asset at 12/31/2015		$ -
	Normalizing adjustments:		
2	Legacy Meter Regulatory Asset (Exhibit RAD-64)	$ 49,942	
3	Plan B meters at 12/31/2015 (Exhibit RAD-48 Attachment B, Page 1)	14,325	
4	Plan B depreciation reserve at 12/31/2015 (Exhibit RAD-48 Attachment B, Pages 2 - 4)	(2,511)	
5	Normalization adjustment		61,756
6	Net legacy meters in regulatory asset at 12/31/2015, as adjusted		$ 61,756

WEST PENN POWER COMPANY

Normalization Adjustment No. 7
($000)

Adjustment of Deferred Storm Damage Expenses

To include in rate base (1) the deferred storm damage balance for the February 5th through February 16th, 2010 Winter Storm, approved at Docket No. P-2010-2216111; and (2) the balance of the unamortized storm reserve, approved at Docket No. R-2014-2428742 .

Line No.		Storms (1)	Storms (2)
1	Unamortized storm damage deferral expense at 12/31/2015		$ -
	Normalizing adjustment:		
2	February 2010 storm damage deferral	$ 13,420	
3	Storm Reserve Balance	24	
4	Normalization Adjustment		13,444
5	Storm damage deferral expense at 12/31/2015, as adjusted		$ 13,444

WEST PENN POWER COMPANY

Normalization Adjustment No. 8
($000)

Adjustment of Accumulated Deferred Income Taxes - Liberalized Depreciation

To adjust the actual deferred tax balances for liberalized depreciation (excluding the impact of SFAS No. 109 deferrals) to (1) eliminate state deferred taxes - liberalized depreciation balances including the federal benefit of those taxes; (2) eliminate other excludable items; and (3) eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation balance associated with FERC Transmission Plant.

Line No.		Adjustments	Accum Reserve for Deferred Taxes - Liberalized Depreciation
1	Deferred taxes - liberalized depreciation at 12/31/2015		$ 403,628
	Normalizing adjustments:		
2	Eliminate state deferred taxes - liberalized depreciation including the federal benefit of those taxes	$ (1,076)	
3	Eliminate other excludable items (capital leases)	(11,512)	
4	Eliminate an allocated portion of the remaining federal deferred income taxes - liberalized depreciation associated with FERC Transmission Plant	(62,957)	
5	Normalization adjustment		(75,545)
6	Deferred taxes - liberalized depreciation at 12/31/2015, as adjusted		$ 328,083

WEST PENN POWER COMPANY

Normalization Adjustment No. 9
($000)

Adjustment of Operating Reserves

To adjust operating reserves (net of accumulated deferred income taxes) to eliminate an allocated portion associated with FERC Transmission operations.

Line No.		Amount
1	Operating reserves, net of taxes, at 12/31/2015	$ 2,522
	Normalizing adjustment:	
2	Eliminate portion of operating reserves associated with FERC Transmission operations	(406)
3	Operating reserves, net of taxes at 12/31/2015, as adjusted	$ 2,116

WEST PENN POWER COMPANY
Rate of Return at December 31, 2015
($000)

Line No.	Description	Exhibit JD-24 Capital Amounts (1)	Capital Ratios (2)	Cost Rate (3)	Weighted Cost Rate (4) = (2) X (3)
1	Long Term Debt	$ 725,000	49.70%	4.87%	2.42%
2	Preferred Stock	-	0.00%	0.00%	0.00%
3	Common Equity	734,329	50.30%	10.90%	5.48%
4	Total Capitalization	$ 1,459,329	100.00%		7.90%

West Penn Power Company
Statement of Operating Income, 12 Months Ended December 31, 2015, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Per Books (1)	Normalizations & Adjustments (2)	Adj. No.	Books as Adjusted (3)=(1)+(2)	Normalized PAPUC Jurisdictional: Distribution (4)	Smart Meters (5)	PAPUC Total Distribution (6)=(4)+(5)	Riders: Price to Compare (7)	Universal Service (8)	Energy Efficiency (9)	Default Service Support (10)
	Operating revenues											
1	Retail sales	$ 931,587	$ 4,015	1	$ 935,602	$ 310,649	$ 44,176	$ 354,825	$ 517,474	$ 18,368	$ 20,314	$ 24,621
2	STAS revenue	(2,687)	2,687	2	-	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	3	-	-	-	-	-	-	-	-
4	Sales for resale	2,100			2,100	-	-	-	1,783	-	317	-
5	Other operating revenue	80,294	(63,055)	4	17,239	17,239	-	17,239	-	-	-	-
6	Total operating revenue	$ 1,011,294	$ (56,353)		$ 954,941	$ 327,888	$ 44,176	$ 372,064	$ 519,257	$ 18,368	$ 20,631	$ 24,621
	Operating expenses											
7	Price to Compare	$ 496,229	$ -		$ 496,229	$ -	$ -	$ -	$ 492,772	$ -	$ -	$ 3,457
8	Distribution	107,277	(24,333)	5	82,944	57,273	-	57,273	219	-	-	25,452
9	Customer accounts	27,631	1,316	6	28,947	25,179	-	25,179	-	-	-	3,768
10	Customer service & info	29,191	70	7	29,261	17,451	-	17,451	-	11,585	-	225
11	Admin & gen expense	50,621	3,244	8	53,865	21,061	14,715	35,776	-	-	18,089	-
12	Depreciation - accrual	68,613	(3,882)	9	64,731	58,299	6,432	64,731	-	-	-	-
13	Amortization	(704)	13,169	10	12,465	8,693	10,224	18,917	(3,370)	5,811	1,343	(10,236)
14	Taxes other than income	62,332	(686)	11	61,646	24,773	2,606	27,379	30,531	1,084	1,199	1,453
15	Operating expense before tax	$ 841,190	$ (11,102)		$ 830,088	$ 212,729	$ 33,977	$ 246,706	$ 520,152	$ 18,480	$ 20,631	$ 24,119
16	Operating income before income tax	$ 170,104	$ (45,251)		$ 124,853	$ 115,159	$ 10,199	$ 125,358	$ (895)	$ (112)	$ -	$ 502
	Income taxes											
17	Federal income tax - current	$ (4,121)	$ 34,319	12	$ 30,198	$ 30,697	$ (340)	$ 30,357	$ (282)	$ (35)	$ -	$ 158
18	State income tax - current	(3,643)	13,219	12	9,576	9,734	(108)	9,626	(89)	(11)	-	50
19	Deferred income tax - federal	14,664	8,879	13	23,543	19,565	3,978	23,543	-	-	-	-
20	Deferred income tax - state	42,801	(42,801)	13	-	-	-	-	-	-	-	-
21	Investment tax credit	(948)	153	14	(795)	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 48,753	$ 13,769		$ 62,522	$ 59,201	$ 3,530	$ 62,731	$ (371)	$ (46)	$ -	$ 208
23	Total operating expenses	$ 889,943	$ 2,667		$ 892,610	$ 271,930	$ 37,507	$ 309,437	$ 519,781	$ 18,434	$ 20,631	$ 24,327
24	**Operating income**	$ 121,351	$ (59,020)		$ 62,331	$ 55,958	$ 6,669	$ 62,627	$ (524)	$ (66)	$ -	$ 294

West Penn Power Company
Statement of Operating Income, 12 Months Ended December 31, 2015, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PAPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(11)	(12)	(13)=(11)+(12)	(14)	(15)	(16)	(17)
	Operating revenues							
1	Retail sales	$ 69,359	$ (7,654)	$ 61,705	$ -	$ -	$ -	$ -
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	-	-	-	-
5	Other operating revenue	-	-	-	-	-	-	-
6	Total operating revenue	$ 69,359	$ (7,654)	$ 61,705	$ -	$ -	$ -	$ -
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	Distribution	-	-	-	-	-	-	-
9	Customer accounts	-	-	-	-	-	-	-
10	Customer service & info	-	-	-	-	-	-	-
11	Admin & gen expense	-	-	-	-	-	-	-
12	Depreciation - accrual	-	-	-	-	-	-	-
13	Amortization	-	-	-	-	-	-	-
14	Taxes other than income	4,092	(452)	3,641	-	-	-	-
15	Operating expense before tax	$ 4,092	$ (452)	$ 3,641	$ -	$ -	$ -	$ -
16	Operating income before income tax	$ 65,267	$ (7,203)	$ 58,064	$ -	$ -	$ -	$ -
	Income taxes							
17	Federal income tax - current	$ 20,561	$ (2,269)	$ 18,292	$ -	$ -	$ -	$ -
18	State income tax - current	6,520	(720)	5,801	-	-	-	-
19	Deferred income tax - federal	-	-	-	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	-	-	-	-	-	-	-
22	Total tax expense	$ 27,082	$ (2,989)	$ 24,093	$ -	$ -	$ -	$ -
23	Total operating expenses	$ 31,174	$ (3,440)	$ 27,734	$ -	$ -	$ -	$ -
24	**Operating income**	$ 38,186	$ (4,214)	$ 33,971	$ -	$ -	$ -	$ -

West Penn Power Company
Statement of operating Income, 12 Months Ended December 31, 2015, Normalized and Adjusted to Reflect Revenue Necessary to Achieve Allowable Return
($000)

Line No.	Description	Distribution	Smart Meters	PaPUC Total Distribution	Riders: Price to Compare	Riders: Universal Service	Riders: Energy Efficiency	Riders: Default Service Support
		(18) = (4) + (11)	(19) = (5) + (12)	(20)=(18)+(19)	(21) = (7) + (14)	(22) = (8) + (15)	(23) = (9) + (16)	(24) = (10) + (17)
	Operating revenues							
1	Retail sales	$ 380,008	$ 36,522	$ 416,530	$ 517,474	$ 18,368	$ 20,314	$ 24,621
2	STAS revenue	-	-	-	-	-	-	-
3	DSIC Revenue	-	-	-	-	-	-	-
4	Sales for resale	-	-	-	1,783	-	317	-
5	Other operating revenue	17,239	-	17,239	-	-	-	-
6	Total operating revenue	$ 397,247	$ 36,522	$ 433,769	$ 519,257	$ 18,368	$ 20,631	$ 24,621
	Operating expenses							
7	Price to Compare	$ -	$ -	$ -	$ 492,772	$ -	$ -	$ 3,457
8	Distribution	57,273		57,273	219	-	-	25,452
9	Customer accounts	25,179	-	25,179	-	-	-	3,768
10	Customer service & info	17,451	-	17,451	-	11,585	-	225
11	Admin & gen expense	21,061	14,715	35,776	-	-	18,089	-
12	Depreciation - accrual	58,299	6,432	64,731	-	-	-	-
13	Amortization	8,693	10,224	18,917	(3,370)	5,811	1,343	(10,236)
14	Taxes other than income	28,865	2,154	31,020	30,531	1,084	1,199	1,453
15	Operating expense before tax	$ 216,821	$ 33,525	$ 250,347	$ 520,152	$ 18,480	$ 20,631	$ 24,119
16	Operating income before tax	$ 180,426	$ 2,996	$ 183,422	$ (895)	$ (112)	$ -	$ 502
	Income taxes							
17	Federal income tax - current	$ 51,258	$ (2,609)	$ 48,649	$ (35)	$ -	$ 158	$ -
18	State income tax - current	16,254	(828)	15,427	(89)	(11)	-	50
19	Deferred income tax - federal	19,565	3,978	23,543	-	-	-	-
20	Deferred income tax - state	-	-	-	-	-	-	-
21	Investment tax credit	(795)	-	(795)	-	-	-	-
22	Total tax expense	$ 86,283	$ 541	$ 86,824	$ (124)	$ (11)	$ 158	$ 50
23	Total operating expenses	$ 303,104	$ 34,067	$ 337,171	$ 520,028	$ 18,469	$ 20,789	$ 24,169
24	**Operating Income**	$ 94,144	$ 2,455	$ 96,598	$ (771)	$ (101)	$ (158)	$ 452
25	**Rate Base**	$ 1,191,352	$ 31,066	$ 1,222,418	$ -	$ -	$ -	$ -
								$ -
26	**Rate of Return overall**	7.90%	7.90%	7.90%	0.00%	0.00%	0.00%	0.00%
27	**Return on Equity**	10.90%	10.90%	10.90%	0.00%	0.00%	0.00%	0.00%

West Penn Power Company
Summary of Revenue Requirements
Distribution
$000

Line No.	Description	Books as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 310,649	$ 69,359	$ 380,008
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	17,239	-	17,239
6	Total operating revenue	$ 327,888	$ 69,359	$ 397,247
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	57,273	-	57,273
9	Customer accounts	25,179	-	25,179
10	Customer service & info	17,451	-	17,451
11	Admin & gen expense	21,061	-	21,061
12	Depreciation - accrual	58,299	-	58,299
13	Amortization	8,693	-	8,693
14	Taxes other than income	24,773	4,092	28,865
15	Operating expense before tax	$ 212,729	$ 4,092	$ 216,821
16	Operating income before tax	$ 115,159	$ 65,267	$ 180,426
	Income taxes			
17	Federal income tax - current	$ 30,697	$ 20,561	$ 51,258
18	State income tax - current	9,734	6,520	16,254
19	Deferred income tax - federal	19,565	-	19,565
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 59,201	$ 27,082	$ 86,283
23	Total operating expenses	$ 271,930	$ 31,174	$ 303,104
24	**Operating Income**	$ 55,958	$ 38,186	$ 94,144
25	**Rate Base**	$ 1,191,352		$ 1,191,352
26	**Rate of Return overall**	4.70%		7.90%
27	**Return on Equity**	4.53%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Smart Meter Technologies
$000

Line No.	Description	Books as Adjusted	Revenue Adjustment Required	Allowable Revenue
		(1)	(2)	(3)
	Operating revenues			
1	Retail sales	$ 44,176	$ (7,654)	$ 36,522
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	-	-	-
6	Total operating revenue	$ 44,176	$ (7,654)	$ 36,522
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	-	-	-
9	Customer accounts	-	-	-
10	Customer service & info	-	-	-
11	Admin & gen expense	14,715	-	14,715
12	Depreciation - accrual	6,432	-	6,432
13	Amortization	10,224	-	10,224
14	Taxes other than income	2,606	(452)	2,154
15	Operating expense before tax	$ 33,977	$ (452)	$ 33,525
16	Operating income before tax	$ 10,199	$ (7,203)	$ 2,996
	Income taxes			
17	Federal income tax - current	$ (340)	$ (2,269)	$ (2,609)
18	State income tax - current	(108)	(720)	(828)
19	Deferred income tax - federal	3,978	-	3,978
20	Deferred income tax - state	-	-	-
21	Investment tax credit	-	-	-
22	Total tax expense	$ 3,530	$ (2,989)	$ 541
23	Total operating expenses	$ 37,507	$ (3,440)	$ 34,067
24	**Operating Income**	$ 6,669	$ (4,214)	$ 2,455
25	**Rate Base**	$ 31,066		$ 31,066
26	**Rate of Return overall**	21.47%		7.90%
27	**Return on Equity**	37.87%		10.90%

West Penn Power Company
Summary of Revenue Requirements
Total Distribution
$000

Line No.	Description	Books as Adjusted (1)	Revenue Adjustment Required (2)	Allowable Revenue (3)
	Operating revenues			
1	Retail sales	$ 354,825	$ 61,705	$ 416,530
2	STAS revenue	-	-	-
3	DSIC revenue	-	-	-
4	Sales for resale	-	-	-
5	Other operating revenue	17,239	-	17,239
6	Total operating revenue	$ 372,064	$ 61,705	$ 433,769
	Operating expenses			
7	Price to Compare	$ -	$ -	$ -
8	Distribution	57,273	-	57,273
9	Customer accounts	25,179	-	25,179
10	Customer service & info	17,451	-	17,451
11	Admin & gen expense	35,776	-	35,776
12	Depreciation - accrual	64,731	-	64,731
13	Amortization	18,917	-	18,917
14	Taxes other than income	27,379	3,641	31,020
15	Operating expense before tax	$ 246,706	$ 3,641	$ 250,347
16	Operating income before tax	$ 125,358	$ 58,064	$ 183,422
	Income taxes			
17	Federal income tax - current	$ 30,357	$ 18,292	$ 48,649
18	State income tax - current	9,626	5,801	15,427
19	Deferred income tax - federal	23,543	-	23,543
20	Deferred income tax - state	-	-	-
21	Investment tax credit	(795)	-	(795)
22	Total tax expense	$ 62,731	$ 24,093	$ 86,824
23	Total operating expenses	$ 309,437	$ 27,734	$ 337,171
24	**Operating Income**	$ 62,627	$ 33,971	$ 96,598
25	**Rate Base**	$ 1,222,418		$ 1,222,418
26	**Rate of Return overall**	5.12%		7.90%
27	**Return on Equity**	5.38%		10.90%

West Penn Power Company
Normalization Adjustment No. 1
$000

Adjustment of Base Operating Revenues

To adjust base operating revenues (1) for changes in number of customers, (2) to roll State Tax Adjustment Surcharge ("STAS") revenues into base rates, (3) to roll Distribution System Improvement Charge ("DSIC") revenue into base rates, (4) for Energy Efficiency and Behind the Meter generation, (5) for other revenue, (6) to annualize rate increase effective in May 2015 and (7) to eliminate unbilled revenues. Adjustments (1) through (6) are supported by Mr. K. M. Siedt The adjustment for unbilled revenues is supported by Mr. R. A. D'Angelo.

Line No.	Description	Amount (1)	Amount (2)
1	Base revenues per books for the 12 months ended 12/31/2015		$ 931,587
	Normalizing adjustments:		
2	Customers - increase to year end level	$ 413	
	Specific adjustments		
3	Roll-in of STAS	(2,687)	
4	Roll-in of DSIC	-	
5	Energy Efficiency/ Behind the Meter	(18,711)	
6	Other Revenue Adjustment	(517)	
7	Annualize rate increase effective May 2015	27,454	
8	Eliminate unbilled revenues	(1,937)	
9	Total (Lines 3 + 4 + 5 + 6 + 7 + 8)	$ 3,602	
10	Normalizing adjustment (Lines 2 + 9)		4,015
11	Base revenues per books for the 12 months ended 12/31/2015, as adjusted		$ 935,602

West Penn Power Company
Normalization Adjustment No. 2
$000

Adjustment of State Tax Adjustment Surcharge Revenues

To remove state tax adjustment surcharge ("STAS") revenues. Normalized STAS revenues are being rolled into base rates.

Line No.	Description	Amount (1)	Amount (2)
1	STAS revenue per books for the 12 months ended 12/31/2015		$ (2,687)
2	Eliminate per books STAS	$ 2,687	
3	Total normalizing adjustment		2,687
4	STAS revenue per books for the 12 months ended 12/31/2015, as adjusted		$ -

West Penn Power Company
Normalization Adjustment No. 3
$000

Adjustment of Distribution System Improvement Charge Revenues

To remove distribution system improvement charge ("DSIC") revenues. Normalized DSIC revenues are being rolled into base rates in Normalization Adjustment No. 1.

Line No.	Description	Amount (1)	Amount (2)
1	DSIC revenue per books for the 12 months ended 12/31/2015		$ -
2	Eliminate per books DSIC	$ -	
3	Total normalizing adjustment		-
4	DSIC revenue per books for the 12 months ended 12/31/2015, as adjusted		$ -

-

West Penn Power Company
Normalization Adjustment No. 4
$000

Adjustment of Other Operating Revenues

To adjust other operating revenue (1) to adjust late payment charges; and (2) to eliminate non-jurisdictional transmission revenues. The adjustment to late payment charge is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)	Amount (2)
1	Other operating revenue per books for the 12 months ended 12/31/2015		$ 80,294
2	Late payment charges	$ 3,226	
3	Less: Late payment charges per books	(3,226)	
4	Adjustment to late payment charges	$ -	
5	Eliminate non-jurisdictional transmission revenues	(63,055)	
6	Total normalizing adjustment (Lines 4 + 5)		(63,055)
7	Other operating revenue per books for the 12 months ended 12/31/2015, as adjusted		$ 17,239

West Penn Power Company
Normalization Adjustment No. 5
$000

Adjustment of Distribution Expense

To adjust distribution expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to eliminate non-jurisdictional transmission expense, (4) to include the jurisdictional portion of the amortization of gains or losses on reacquired debt, and (5) to include costs associated with contractor safety requests. Mr. T. J. Dolezal supports the jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Distribution expense per books for the 12 months ended 12/31/2015		$ 107,277
2	Distribution payroll expense adjustment to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 16, Column 2)	$ 311	
3	Service Company distribution payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Supporting Schedule No. 1, Line 28, Column 2)	167	
4	Eliminate non-jurisdictional transmission expense	(25,123)	
5	Amortization of (gain) or loss on reacquired debt	48	
6	Allocation ratio based on distribution plant	83.90%	
7	Distribution portion of (gain) or loss	$ 40	
8	Increase distribution expenses for contractor safety requests	272	
9	Total normalizing adjustment (Lines 2 + 3 + 4 + 7 + 8)		(24,333)
10	Distribution expense per books for the 12 months ended 12/31/2015, as adjusted		$ 82,944

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 5
($000)

Adjustment of Payroll Expense to Reflect Year End Employee Levels and Wage Rates

To determine the additional payroll expense associated with (1) year end bargaining and non-bargaining wage rates and employee levels, and (2) Service Company year end wage rates and employee levels; and to allocate the additional payroll expense to individual components. Mr. T. J. Dolezal supports the labor allocation factors.

Line No.	Description	Amount (1)	Amount (2)
1	Total company payroll for the 12 months ended 12/31/2015 (Exhibit RAD-27)		$ 66,324
	Bargaining		
	UWUA 102		
2	Straight time per books for January 1, 2016 through April 30, 2016	$ 9,230	
3	Straight time 2.5% increase effective May 1, 2016 (Line 2 x 2.5%)	231	
4	Straight time per books for the 12 months ended 12/31/2015, as adjusted	28,581	
5	Straight time 2.5% increase effective May 1, 2017 (Line 4 x 2.5%)	715	
	Non-Bargaining		
6	Straight time per books for January 1, 2016 through February 28, 2016	3,218	
7	Straight time 3% increase effective March 1, 2016 (Line 6 x 3%)	97	
8	Straight time per books for the 12 months ended 12/31/2015, as adjusted	20,037	
9	Straight time 3% increase effective March 1, 2017 (Line 8 x 3%)	601	
10	Total company payroll adjustment (Lines 3 + 5 + 7 + 9)		1,644
11	Total company payroll as adjusted (Lines 1 + 10)		$ 67,968
12	O&M allocation percentage		37.14%
13	O&M payroll adjustment (Lines 10 x 12)		$ 611
	Allocation of payroll adjustment:		
14	PTC	0.00%	$ -
15	Transmission	9.51%	58
16	Distribution	50.97%	311
17	Customer accounts	18.09%	111
18	Customer service	11.43%	70
19	Administrative and general	10.00%	61
20	Total	100.00%	$ 611
	Service Company		
21	Straight time per books for January 1, 2016 through February 28, 2016	$ 3,503	
22	Straight time 3% increase effective March 1, 2016 (Line 22 x 3%)	105	
23	Straight time per books for the 12 months ended 12/31/2015, as adjusted	20,836	
24	Straight time 3% increase effective March 1, 2017 (Line 23 x 3%)	625	
25	Total Service Company payroll adjustment (Lines 22 + 24)		730
	Allocation of Service Company payroll (Exhibit RAO-25)		
26	Production	0.00%	$ -
27	Transmission	5.20%	38
28	Distribution	22.92%	167
29	Customer accounting and information	19.39%	142
30	Administrative and general	52.48%	383
31	Total	100.00%	$ 730

West Penn Power Company
Normalization Adjustment No. 6
$000

Adjustment of Customer Account Expense

To adjust customer account expense (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to include increased O&M costs associated with serving new customers, and (4) to include interest on customer deposits.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Account expense per books for the 12 months ended 12/31/2015		$ 27,631
2	Customer Account payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 17, Col. 2)	$ 111	
3	Service Company customer account payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 29, Col. 2)	142	
4	Increased O&M costs associated with increased number of customers in normalized revenue levels (Supporting Schedule No. 1, Line 10)	9	
5	Interest on customer deposits (Supporting Schedule No. 2, Line 3, Col. 3)	1,054	
6	Total normalizing adjustment (Lines 2 + 3 + 4 + 5)		1,316
7	Customer Account expense per books for the 12 months ended 12/31/2015, as adjusted		$ 28,947

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense Associated with Serving New Customers

To determine the cost associated with serving the additional customers reflected in Normalization Adjustment No. 1. The ratio of non-payroll customer account expense to total revenue is applied to the additional revenue from increased customers to estimate this cost. The Commission previously recognized and approved this adjustment. The adjustment to base operating revenue for changes in number of customers is supported by Mr. K. M. Siedt.

Line No.	Description	Amount (1)
	Customer Account Expense Excluding Labor and Uncollectibles	
1	Customer Account expense per books for the 12 months ended 12/31/2015	$ 27,631
2	Less: Uncollectible expense	(12,498)
3	Less: Labor expense	(7,474)
4	Customer Account expense excluding labor and uncollectible expense	$ 7,659
	Total Distribution Revenue	
5	Distribution revenues per books	$ 348,122
6	Late payment charges per books (Exhibit RAD-55)	3,226
7	Total	$ 351,348
8	Ratio of customer account expense to total revenue (Line 4 / Line 7)	2.18%
9	Revenue from added customers (Normalization Adjustment No. 1, Line 2)	$ 413
10	Additional expense from added customers (Lines 8 x 9)	$ 9

West Penn Power Company
Supporting Schedule No.2 to Normalizing Adjustment No. 6
($000)

Adjustment of Customer Account Expense to Allow for Interest Expense on Customer Deposits

To determine the interest paid on customer deposits. Since customer deposits are funds supplied to the Company by customers, they are included in rate base as a deduction. The Commission previously recognized this adjustment to include the corresponding interest paid to customers on these deposits as a expense.

Line No.	Description	Residential	Non Residential	Total
		(1)	(2)	(3)
1	Customer deposits included in rate base (Exhibit RAD-5, Page 1, Col. 1, Line 14)	$ 12,116	$ 11,518	$ 23,634
2	Interest rate on deposits	3%	6%	
3	Interest expense on customer deposits (Lines 1 x 2)	$ 363	$ 691	$ 1,054

West Penn Power Company
Normalization Adjustment No. 7
$000

Adjustment of Customer Service and Information Expense

To adjust customer service and information expense to reflect year end wage rates and employee levels.

Line No.	Description	Amount (1)	Amount (2)
1	Customer Service expense per books for the 12 months ended 12/31/2015		$ 29,191
2	Customer Service payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 18, Col. 2)	$ 70	
3	Total normalizing adjustment		70
4	Customer Service expense per books for the 12 months ended 12/31/2015, as adjusted		$ 29,261

West Penn Power Company
Normalization Adjustment No. 8
$000

Adjustment of Administrative and General Expense

To adjust administrative and general expenses (1) to reflect year end wage rates and employee levels, (2) to reflect Service Company year end wage rates and employee levels, (3) to reflect OPEB expense at service cost level, (4) to reflect pension expense at the ten year cash level, (5) to reflect employee benefits expense at year end wage rates and employee levels, (6) to include amortization of rate case expenses, and (7) to eliminate non-jurisdictional administrative and general expenses. Mr. T. J. Dolezal supports the non-jurisdictional expense allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Administrative & general expense per books for the 12 months ended 12/31/2015		$ 50,621
2	A & G Expenses related to EEC	$ (18,089)	
3	A & G Expenses related to Smart Meters	(14,715)	
4	Adjustment to A & G	(32,804)	
5	Net A & G expenses related to Distribution (Lines 1 + 4)	17,817	
6	Administrative & general payroll expense adjustment to reflect year end employee levels and ongoing wage & salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 19 Col. 2)	61	
7	Service Company administrative and general payroll expense adjustment allocated to West Penn to reflect year end employee levels, and ongoing wage and salary rates (Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 30, Col. 2)	383	
8	Adjust OPEB expense to service cost level (Supporting Schedule No. 1, Line 12, Col. 1)	2,264	
9	Adjust pension expense to ten year cash level (Supporting Schedule No. 2, Line 13, Col. 3)	2,515	
10	Adjust employee benefit costs (Supporting Schedule No. 3, Line 8, Col. 3)	115	
11	Subtotal of adjustments (Lines 6 + 7 + 8 + 9 + 10)	$ 5,338	
12	Administrative and general expense, adjusted (Lines 5 + 11)	$ 23,155	
13	Non-jurisdictional expense allocation factor	10.57%	
14	Non-jurisdictional administrative and general expense (Lines 12 x 13)	$ (2,447)	
15	Rate case expenses to be incurred during current rate proceeding (Exhibit RAD-23)	$ 706	
16	Recovery period - 2 years	2	
17	Annual amount (Line 15 / Line 16)	$ 353	
18	Total normalizing adjustment (Lines 11 + 14 + 17)		3,244
19	Administrative and general expense per books for the 12 months ended 12/31/2015, as adjusted		$ 53,865

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 8
$000

Adjustment of OPEB Expense

To adjust OPEB expense to the test year service cost. The service cost represents the actuarial present value of benefit liabilities accrued under the plan benefit formula for services rendered during the test year. Inclusion of the service cost in rates provides for recovery of the current cost of benefits earned by plan participants. Any excess or shortfall related to the expected return on plan assets are not included because their inclusion would artificially reduce or increase total costs and result in the recovery of more or less than the actual normal cost of service. The adjustment for OPEB expense to the current service cost amount was adopted by the Commission at Docket Numbers R-00061366 and R-00061367 and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	O&M (1)	Capital (2)	Total (3)
1	O&M - Capital allocation ratios	37.14%	62.86%	100.00%
2	Company OPEB expense included on books (Exhibit RAD-27)	$ (1,590)	$ (2,692)	$ (4,282)
3	FirstEnergy Service Corp. OPEB expense	$ (7,496)	$ (12,686)	$ (20,182)
4	Allocation ratio	5.66%	5.66%	5.66%
5	Allocated FirstEnergy Service Corp. OPEB expense included on books (Lines 3 x 4)	$ (424)	$ (718)	$ (1,142)
6	Total OPEB expense included on books (Lines 2 + 5)	$ (2,014)	$ (3,410)	$ (5,424)
7	Service cost for company OPEB expense	$ 241	$ 408	$ 649
8	Service cost for FirstEnergy Service Corp. OPEB expense	$ 162	$ 274	$ 436
9	Allocation ratio	5.66%	5.66%	5.66%
10	Allocated FirstEnergy Service Corp. service cost (Lines 8 x 9)	$ 9	$ 16	$ 25
11	Total OPEB service cost (Lines 7 + 10)	$ 250	$ 424	$ 674
12	Adjustment to set OPEB expense at ongoing service cost level (Lines 11 - 6)	$ 2,264	$ 3,834	$ 6,098

West Penn Power Company
Supporting Schedule No. 2 to Normalizing Adjustment No. 8
$000

Adjustment of Pension Expense

To adjust pension expense to a ten year average level of actual cash contributions under the methodology that was adopted by the Commission at Docket Numbers R-00061366 and R-0061367, and included at Docket Nos. R-2014-2428745; R-2014-2428743; R-2014-2428744 and R-2014-2428742.

Line No.	Description	Total	O&M %	O&M
		(1)	(2)	(3)
	Company Cash Contributions			
1	2006 Cash Pension Contribution	$ 16,244	61.70%	$ 10,023
2	2007 Cash Pension Contribution	8,841	62.31%	5,509
3	2008 Cash Pension Contribution	8,463	62.28%	5,271
4	2009 Cash Pension Contribution	8,955	61.11%	5,472
5	2010 Cash Pension Contribution	18,648	56.25%	10,490
6	2011 Cash Pension Contribution	26,813	48.00%	12,870
7	2012 Cash Pension Contribution	47,313	48.00%	22,710
8	2015 Cash Pension Contribution	60,000	37.14%	22,284
9	Total Company Cash Pension Contributions	$ 195,277		$ 94,629
10	Number of years	10		10
11	Pension expense cash contribution, averaged over 10 years	$ 19,528		$ 9,463
12	O&M Pension Expense included on books			6,948
13	Adjustment to Pension Expense (Lines 11 - 12)			$ 2,515

West Penn Power Company
Supporting Schedule No. 3 to Normalizing Adjustment No. 8
$000

Adjustment of Employee Benefit Expense to Reflect Year End Wage Rates and Employee Levels

To determine the normalized costs associated with providing additional employee benefits related to the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Employee benefits applicable to operating expenses:

Line No.		Effective Rate (a)	Payroll Adjustment		Benefit Adjustment
		(1)	(2)		(3) = (1) X (2)
1	Workers compensation	0.944%	$ 611	(b)	$ 6
2	Pension costs	29.443%	$ 611	(b)	180
3	OPEB costs	0.979%	$ 611	(b)	6
4	Life insurance	0.116%	$ 611	(b)	1
5	Medical insurance	7.880%	$ 611	(b)	48
6	Savings Plan	2.682%	$ 611	(b)	16
7	Other	-23.267%	$ 611	(b)	(142)
8	Total increase due to payroll adjustment				$ 115

(a) Summary of effective employee benefit rates based on total payroll for the 12 months ended 12/31/2015

	Total Amount	Total Payroll	Effective Rate
Workers compensation (Exhibit RAD-27)	$ 626	$ 66,324	0.944%
Pension costs - normalized basis	19,528	66,324	29.443%
OPEB costs - service cost	649	66,324	0.979%
Life insurance (Exhibit RAD-27)	77	66,324	0.116%
Medical insurance (Exhibit RAD-27)	5,226	66,324	7.880%
Savings Plan (Exhibit RAD-27)	1,779	66,324	2.682%
Other (Exhibit RAD-27)	(15,432)	66,324	-23.267%

(b) Normalization Adjustment No. 5, Supporting Schedule No. 1, Line 13

West Penn Power Company
Normalization Adjustment No. 9
$000

Adjustment of Depreciation Expense

To adjust depreciation expense (1) to reflect equal life group ("ELG") rates on adjusted rate base, (2) to adjust cost of removal / salvage expense to a five year average per Commission practice, (3) to eliminate non-jurisdictional cost of removal / salvage expense, and (4) eliminate legacy meter cost of removal from the five year average. Mr. T. J. Dolezal supports the jurisdictional expense allocation factor. Mr. J. J. Spanos supports the ELG depreciation rates.

Line No.	Description	Amount (1)	(2)	(3)	(4)
1	Depreciation expense per books for the 12 months ended 12/31/2015				$ 68,613
2	Cost of removal/salvage expense per books for the 12 months ended 12/31/2015 (Exhibit RAD-30)		$ 14,120		
3	Depreciation accrual per books (Lines 1 - 2)		$ 54,493		
4	Jurisdictional depreciation expense accrual on adjusted rate base using ELG depreciation rates (Exhibit RAD-53, Page 3)		55,995		
5	Adjustment for average remaining life accrual for jurisdictional plant (Lines 4 - 3)			$ 1,502	
	Cost of removal / salvage				
6	Cost of removal/salvage expense per books for the 12 months ended 12/31/2015 (Exhibit RAD-30)		$ 14,120		
	Cost of removal and salvage 2011 - 2015 (Exhibit RAD-30)				
7	2011	$ 10,258			
8	2012	130			
9	2013	11,609			
10	2014	16,219			
11	2015	14,120			
12	Total	$ 52,336			
13	Five year average (Line 12 / 5)		10,467		
14	Allocation ratio based on jurisdictional plant		83.90%		
15	Jurisdictional cost of removal/salvage expense at a five year average (Lines 13 x 14)		$ 8,782		
16	Less five year average for legacy meter cost of removal		(46)		
17	Total jurisdictional cost of removal/salvage at a five year average (Lines 15 + 16)		$ 8,736		
18	Adjustment of jurisdictional cost of removal/salvage expense to a jurisdictional five year average (Lines 17 - 6)			(5,384)	
19	Total normalizing adjustment (Lines 5 + 18)				(3,882)
20	Depreciation expense per books for the 12 months ended 12/31/2015, as adjusted				$ 64,731

West Penn Power Company
Normalization Adjustment No. 10
$000

Adjustment of Amortization Expense

To adjust amortization expense to (1) exclude the deferral of transmission vegetation management, (2) exclude smart meter amortization on the books, (3) include smart meter Plan A amortization per books; (4) exclude legacy meter cost of removal amortization per books, (5) include the amortization of additional legacy meters and Plan B smart meters, and (6) exclude accretion expense per books.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Amortization expense per books for the 12 months ended 12/31/2015			$ (704)
2	Eliminate transmission vegetation management amortization per books		4,664	
3	Eliminate smart meter amortization per books		(7,878)	
4	Include smart meter Plan A amortization		10,224	
5	Eliminate legacy meter cost of removal amortization per books		231	
6	Adjustment for amortization of unrecovered legacy meters and Plan B smart meters (Supporting Schedule No. 1, Line 9)		5,940	
7	Remove accretion expense		(12)	
8	Normalization adjustment (Lines 2 + 3 + 4 + 5 + 6 + 7)			13,169
9	Amortization expense per books for the 12 months ended 12/31/2015, as adjusted			$ 12,465

West Penn Power Company
Supporting Schedule No. 1 to Normalizing Adjustment No. 10
$000

Adjustment of Amortization Expense for Amortization of Legacy Meters

To determine the additional amortization expense associated with (1) unrecovered legacy meters to fully recover all legacy meter costs over the remaining 39 months of the original amortization period and (2) Plan B smart meters to fully recover all Plan B meter costs over 39 months. Per Order M-2013-2341994, dated March 6, 2014, the Commission authorized the Companies "to create a regulatory asset for their investment in their existing meters (Legacy Meters) to be replaced by smart meters." The Plan B smart meters were in place and will be replaced by newer smart meters.

Line No.	Description	Amount (1)	Amount (2)
1	Total Legacy Meters and Cost of Removal to be recovered (Exhibit RAD-64)	$ 56,473	
2	Less Legacy Meters and Cost of Removal in Base Rates (Exhibit RAD-64)	(48,983)	
3	Unrecovered legacy meters (Lines 1 - 2)	$ 7,490	
4	Annual amount of unrecovered legacy meter amortization (Line 3 / 39 months x 12 months)		$ 2,305
5	Plan B smart meters per books for the 12 months ended 12/31/2015 (Exhibit RAD-47, Attachment B, Page 1)	$ 14,325	
6	Depreciation reserve for Plan B smart meters per books for the 12 months ended 12/31/2015 (Exhibit RAD-47, Attachment B, Page 3)	2,511	
7	Net Plan B smart meters and cost of removal to be recovered (Lines 5 - 6)	$ 11,814	
8	Annual amount of Plan B smart meter amortization (Line 7 / 39 months x 12 months)		3,635
9	Annual unrecovered legacy meter and Plan B smart meter amortization		$ 5,940

West Penn Power Company
Normalization Adjustment No. 11
$000

Adjustment of Taxes Other Than Income

To adjust taxes other than income to (1) eliminate non-jurisdictional tax expense, (2) eliminate Capital Stock tax included on the books, (3) reflect normalized sales revenues in gross receipts tax expense, and (4) reflect year end wage rates and employee levels in payroll tax expenses. The non-jurisdictional allocation factor is supported by Mr. T. J. Dolezal.

Line No.	Description	Amount (1)	Amount (2)	Amount (3)
1	Taxes Other Than Income per books for the 12 months ended 12/31/2015			$ 62,332
2	Federal and State payroll taxes on books (Exhibit RAD-32)	$ 4,840		
3	Non-jurisdictional percent	10.57%		
4	Eliminate non-jurisdictional payroll taxes		$ (512)	
5	Eliminate Capital Stock Tax included on books (Exhibit RAD-32)		(332)	
6	PURTA tax on books (Exhibit RAD-32)	$ 2,178		
7	Real Estate tax on books (Exhibit RAD-32)	175		
8	Total Other taxes	$ 2,353		
9	Non-jurisdictional percent	16.10%		
10	Eliminate non-jurisdictional taxes		(379)	
	Gross Receipts Tax			
11	Normalized sales revenues (Exhibit RAD-2, Page 1, Col. 3)	$ 935,602		
12	Gross receipts tax @ 5.9%	55,201		
13	Gross receipts tax included on books (Exhibit RAD-32)	54,709		
14	Adjustment for gross receipts tax at normalized revenue level (Lines 12 - 13)		492	
15	Adjustment for payroll taxes on normalized payroll (Supporting Schedule No. 1, Line 8)		45	
16	Total normalizing adjustment (Lines 4 + 10 + 14 + 15)			(686)
17	Taxes other than income per books for the 12 months ended 12/31/2015, as adjusted			$ 61,646

West Penn Power Company
Supporting Schedule No.1 to Normalizing Adjustment No. 11
$000

Adjustment to Taxes Other Than Income to Reflect Changes in Payroll Taxes

To determine the additional payroll tax expense associated with the increased O&M payroll expense reflected in Normalization Adjustment No. 5, Supporting Schedule No. 1.

Line No.	Description	Amount (1)
1	Total payroll per books for the 12 months ended 12/31/2015 (Normalization Adjustment No. 5, Schedule 1, Line 1)	$ 66,324
2	Total payroll tax included on books (Exhibit RAD-32)	4,840
3	Effective payroll tax rate (Line 2 / Line 1)	7.298%
4	Total payroll as adjusted (Normalization Adjustment No. 5, Schedule 1, Line 11)	$ 67,968
5	Payroll tax on normalized payroll (Lines 3 x 4)	$ 4,960
6	Total Company payroll tax adjustment (Lines 5 - 2)	$ 120
7	O&M Allocation percentage	37.14%
8	Adjustment for payroll tax (Lines 6 x 7)	$ 45

West Penn Power Company
Normalization Adjustment No. 12
$000

Adjustment of Federal & State Income Taxes

To adjust federal and state income taxes to reflect the revenue and expense levels shown on Exhibit RAD-6, Page 1, Col. 3 - Books as Adjusted.

Line No.	Description	Total Company Calculated Taxes (1)	Distribution Calculated Taxes (2)	Smart Meter Rider Calculated Taxes (3)	PAPUC Total Distribution Calculated Taxes (4) = (2) + (3)	PTC Calculated Taxes (5)	Universal Service Calculated Taxes (6)	Energy Efficiency Calculated Taxes (7)	DSS Calculated Taxes (8)
1	Total operating revenue	$ 954,941	$ 327,888	$ 44,176	$ 372,064	$ 519,257	$ 18,368	$ 20,631	$ 24,621
2	Less: Total O& M Expense	$ 691,246	$ 120,964	$ 14,715	$ 135,679	$ 492,991	$ 11,585	$ 18,089	$ 32,902
3	Depreciation - accrual	55,995	49,563	6,432	55,995	-	-	-	-
4	Average net salvage	8,736	8,736	-	8,736	-	-	-	-
5	Amortization	12,465	8,693	10,224	18,917	(3,370)	5,811	1,343	(10,236)
6	Taxes other than income taxes	61,646	24,773	2,606	27,379	30,531	1,084	1,199	1,453
7	Total deductions	$ 830,088	$ 212,729	$ 33,977	$ 246,706	$ 520,152	$ 18,480	$ 20,631	$ 24,119
8	Net operating income before income taxes	$ 124,853	$ 115,159	$ 10,199	$ 125,358	$ (895)	$ (112)	$ -	$ 502
9	Less: Interest Charges (A)	29,577	28,825	752	29,577	-	-	-	-
10	Net income before income taxes	$ 95,276	$ 86,334	$ 9,447	$ 95,781	$ (895)	$ (112)	$ -	$ 502
	Adjustments to taxable income:								
11	Book Average net salvage	$ 8,736	$ 8,736	$ -	$ 8,736	$ -	$ -	$ -	$ -
12	Adj. of book depreciation to tax basis (B)	(17,345)	(6,820)	(10,525)	(17,345)	-	-	-	-
13	Adj. to Amortization of Legacy Meters	15,737	15,737	-	15,737	-	-	-	-
14	Tax cost of removal/salvage	(9,062)	(9,062)	-	(9,062)	-	-	-	-
15	Adjust cash pension	2,515	2,515	-	2,515	-	-	-	-
16	Net adjustment	$ 581	$ 11,106	$ (10,525)	$ 581	$ -	$ -	$ -	$ -
17	Income subject to income tax (Lines 10 + 16)	$ 95,857	$ 97,440	$ (1,078)	$ 96,362	$ (895)	$ (112)	$ -	$ 502
	Adjustments to state taxable income:								
18	Plus: Federal Bonus Depreciation	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
19	Less: Additional State Depreciation	-	-	-	-	-	-	-	-
20	Net adjustment to state taxable income	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
21	Income subject to state income tax (Lines 17 + 20)	$ 95,857	$ 97,440	$ (1,078)	$ 96,362	$ (895)	$ (112)	$ -	$ 502
22	State income tax @ 9.99%	$ 9,576	$ 9,734	$ (108)	$ 9,626	$ (89)	$ (11)	$ -	$ 50
23	Taxes on books	(3,643)	(3,643)	-	(3,643)	-	-	-	-
24	Adjustment to state income tax	$ 13,219	$ 13,377	$ (108)	$ 13,269	$ (89)	$ (11)	$ -	$ 50
25	Income subject to federal income tax	$ 86,281	$ 87,706	$ (970)	$ 86,736	$ (806)	$ (101)	$ -	$ 452
26	Federal income tax @ 35%	30,198	30,697	(340)	30,357	(282)	(35)	-	158
27	Taxes on books	(4,121)	(4,121)	-	(4,121)	-	-	-	-
28	Adjustment to federal income tax	$ 34,319	$ 34,818	$ (340)	$ 34,478	$ (282)	$ (35)	$ -	$ 158
	(A) Computation of Interest charges								
	Total rate base	$ 1,222,418	$ 1,191,352	$ 31,066	$ 1,222,418	$ -	$ -	$ -	$ -
	Debt ratio	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%	49.70%
	Cost of debt	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%	4.87%
	Interest expense	$ 29,577	$ 28,825	$ 752	$ 29,577	$ -	$ -	$ -	$ -
	(B) Adjustment of book depreciation to tax basis:								
	Tax depreciation	$ 73,340	$ 56,383	$ 16,957	$ 73,340	$ -	$ -	$ -	$ -
	Book depreciation	$ 55,995	$ 49,563	$ 6,432	$ 55,995	$ -	$ -	$ -	$ -
	Depreciation adjustment	$ 17,345	$ 6,820	$ 10,525	$ 17,345	$ -	$ -	$ -	$ -

West Penn Power Company
Supporting Schedule No. 1 to Normalization Adjustment No. 12
$000

Adjustment of Tax Depreciation

To adjust tax depreciation (1) to eliminate the cost of removal component and (2) to eliminate non-jurisdictional tax depreciation. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Depreciation (1)	Jurisdictional Adjustment (2)	Distribution (3)
1	Tax depreciation expense per books (Exhibit RAD-33)	$ 94,961		
2	Cost of removal / salvage in tax depreciation	10,801	83.90%	9,062
3	Smart meter tax depreciation	16,957		16,957
4	Distribution tax depreciation	$ 67,203	83.90%	56,383
5	Total tax depreciation (Lines 3 + 4)			$ 73,340

West Penn Power Company
Normalization Adjustment No. 13
$000

Adjustment of Provision for Deferred Income Taxes

To adjust the provision for deferred income taxes (1) to reflect year-end plant balances for federal deferred income taxes, (2) to eliminate miscellaneous federal deferred taxes not associated with liberalized depreciation, and (3) to eliminate all state deferred income taxes associated with liberalized depreciation.

Line No.	Description	Provision for Deferred Taxes - Net	
		Federal	State
		(1)	(2)
1	Deferred taxes per books, 12 months ended 12/31/2015	$ 14,664	$ 42,801
2	Deferred taxes - liberalized depreciation (Exhibit RAD-41, Page 17)	27,298	-
3	Less: Smart meter deferred taxes	(3,978)	-
4	Distribution deferred taxes	23,320	-
5	Jurisdictional allocation factor	83.90%	83.90%
6	Jurisdictional deferred taxes - liberalized depreciation (Lines 4 x 5)	19,565	-
7	Plus: Smart meter deferred taxes	3,978	-
8	Total deferred taxes	23,543	-
9	Adjustment to deferred tax expense (Lines 8 - 1)	8,879	(42,801)
10	Deferred tax expense per books for the 12 months ended 12/31/2015, as adjusted	$ 23,543	$ -

West Penn Power Company
Normalization Adjustment No. 14
$000

Adjustment of Investment Tax Credit

To adjust investment tax credit to eliminate non-jurisdictional investment tax credit. Mr. T. J. Dolezal supports the non-jurisdictional allocation factor.

Line No.	Description	Amount (1)	Amount (2)
1	Investment tax credit per books, 12 months ended 12/31/2015		$ (948)
2	Jurisdictional allocation factor	16.10%	
3	Less: Adjustment to investment tax credit (Lines 1 x 2)		153
4	Investment tax credit per books for the 12 months ended 12/31/2015, as adjusted		$ (795)

WEST PENN POWER COMPANY

FILING REQUIREMENT I-B-3:

"Provide an overall system map, including and labeling all generating plants, transmission substations—indicate voltage, transmission system lines—indicate voltage, and all interconnection points with other electric utilities, power pools, and other like systems."

RESPONSE:

See West Penn Exhibit RAD-7 HIGHLY CONFIDENTIAL Attachment A.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-A-1:

"Provide a schedule showing the test year rate base and rates of return at original cost less accrued depreciation under present rates and under proposed rates. Claims made on this schedule should be cross-referenced to appropriate supporting schedules."

RESPONSE:

See West Penn Exhibit RAD-1 for the Fully Projected Future Test Year.

See West Penn Exhibit RAD-3 for the Future Test Year.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-A-2:

"If the schedule provided in response to item 1, is based upon a future test year, provide a similar schedule which is based upon actual data for the 12-month period immediately prior to the test year."

RESPONSE:

See West Penn Exhibit RAD-5 for the Historical Test Year.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-A-3:

"When a utility files a tariff stating a new rate based in whole or in part on the cost of construction, as defined in 66 Pa.C.S. § 1308(f) (relating to voluntary changes in rates), of an electric generating unit, the utility shall identify:

(a) The total cost of the generating unit

(b) The following costs:

(1) The cost and quantity of each category of major equipment, such as switchgear, pumps or diesel generators and the like.

(2) The cost and quantity of each category of bulk materials, such as concrete, cable and structural steel and the like. .

(3) Manual labor. .

(4) Direct and indirect costs of architect/engineering services. .

(5) Direct and indirect costs of subcontracts or other contracts involving major components or systems such as turbines, generators, nuclear steam supply systems, major structures and the like.

(6) Distributed costs.

(c) A cost increase of $5 million or more, including AFUDC, over the original utility estimates provided under 66 Pa.C.S. § 515(a) (relating to construction cost of electric generating units) and its causes.

(d) Compliance with subsections (a) and (b) will be identical in format and substance as that provided under 52 Pa. Code § 57.103 (relating to estimate of construction costs) for original cost estimates submitted under 66 Pa.C.S. § 515(a)."

RESPONSE:

Not applicable.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-B-1:

"If a claim is made for plant held for future use, supply the following:

a. A description of the plant or land site and its cost and any accumulated depreciation.
b. The expected date of use for each item claimed.
c. An explanation as to why it is necessary to acquire each item in advance of its date of use.
d. The data when each item was acquired.
e. The date when each item was placed in plant held for future use."

RESPONSE:

There is no rate base claim being made in this proceeding for plant held for future use.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-B-2:

"If a claim is made for construction work in progress, provide a supporting schedule which sets forth separately, revenue-producing and nonrevenue producing amounts, and include, for each category a summary of all work orders, amounts expended at the end of the test year and anticipated in service dates. Indicate if the construction work in progress will result in insurance recoveries, reimbursements, or retirements of existing facilities. Describe in exact detail the necessity of each project claimed if not detailed on the summary page from the work order. Include final completion dates and estimated total amounts to be spent on each project."

RESPONSE:

West Penn is not making any rate base claim for construction work in progress.

WEST PENN POWER COMPANY

FILING REQUIREMENT Il-B-3:

"If a claim is made for materials and supplies or fuel inventory provide a supporting schedule for each claim showing the latest actual 13 monthly balances and showing in the case of fuel inventory claims, the type of fuel, and location, as in station, and the quantity and price claimed."

RESPONSE:

WEST PENN POWER

13 Month Book Balance of Materials and Supplies

Line No.	Month		Amount
1	January 31, 2015	$	18,370,086
2	February 28, 2015	$	18,562,776
3	March 31, 2015	$	15,921,596
4	April 30, 2015	$	15,901,799
5	May 31, 2015	$	15,899,764
6	June 30, 2015	$	15,592,368
7	July 31, 2015	$	15,929,920
8	August 31, 2015	$	14,973,319
9	September 30, 2015	$	14,138,860
10	October 31, 2015	$	13,585,958
11	November 30, 2015	$	13,936,831
12	December 31, 2015	$	13,638,848
13	January 31, 2016	$	14,042,960
14	13 Period Average	$	15,422,699

WEST PENN POWER COMPANY

FILING REQUIREMENT II-B-4:

"If a claim is made for cash working capital provide a supporting schedule setting forth the method and all detailed data utilized to determine the cash working capital requirement. If not provided in the support data provide a lead-lag study of working capital, completed no more than 6 months prior to the rate increase filing."

RESPONSE:

See the direct testimony of Jeffrey L. Adams, West Penn Statement No. 5.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-B-6:

"Explain in detail by statement or exhibit the appropriateness of additional claims or the use of a method not previously mentioned, in the claimed rate base."

RESPONSE:

The supporting schedules included in West Penn Exhibit RAD-1 explain the appropriateness of various items claimed in the rate base. Items not explained in supporting schedules to West Penn Exhibit RAD-1, or not mentioned in other responses to filing requirements are explained below:

1. Customer Deposits

Customer deposits are deducted from the rate base as they represent a source of non-investor supplied capital. Appropriate interest on such deposits has been included as a normalizing adjustment to the income statement.

2. Customer Advances for Construction

In accordance with the practice followed in prior rate filings and accepted by Commission Orders, the Company reduces rate base by the amount of customer advances for construction at the end of the test year.

3. Operating Reserves

The Company has adopted a partial self-insurance concept for general and automotive liability insurance, property insurance and a long-term disability plan. The Company has also established an operating reserve for the purpose of providing a pension fund in addition to the normal funded plan. These operating reserves, net of applicable deferred taxes, reduce the Company's total rate base claim.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-C-1:

"Prepare a Statement of Income including:

(a) The book, or budgeted, statement for the test year.
(b) Adjustments to annualize and normalize under present rates, including an elimination of the effects on income of the energy cost rate and state tax adjustment surcharge.
(c) The income statement under present rates after adjustment.
(d) The adjustment for the revenue requested.
(e) The income statement under requested rates after adjustment.
(f) Each adjustment, including those relating to adjustment clauses, shall contain an explanation in sufficient clarifying detail to allow a reasonably informed person to understand the method and rationale of the adjustment."

RESPONSE:

Fully Projected Future Test Year

(a – f): See West Penn Exhibit RAD-2. Regarding part (b) pertaining to the annualization and normalization of revenues including applicable surcharges and tariff riders, these adjustments are supported in the Direct Testimony of Kevin M. Siedt, West Penn Statement No. 3 and West Penn Exhibit KMS-1, Attachment A which accompanies his Direct Testimony.

Future Test Year

(a – f): See West Penn Exhibit RAD-4. Regarding part (b) pertaining to the annualization and normalization of revenues including applicable surcharges and tariff riders, these adjustments are supported in the Direct Testimony of Kevin M. Siedt, West Penn Statement No. 3 and West Penn Exhibit KMS-1, Attachment B which accompanies his Direct Testimony.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-C-2:

"If the schedule provided in Filing Requirement II-C-1 is based upon budgeted data for a future test year, provide a similar schedule which is based upon actual data for the 12-month period immediately prior to the test year."

RESPONSE:

Historical Test Year

(a – f) See West Penn Exhibit RAD-6. Regarding part (b) pertaining to the annualization and normalization of revenues including applicable surcharges and tariff riders, these adjustments are supported in the Direct Testimony of Kevin M. Siedt, West Penn Statement No. 3 and West Penn Exhibit KMS-1, Attachment C which accompanies his Direct Testimony.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-1

"Provide a schedule showing all revenues and expenses for the test year and for the 12-month period immediately prior to the test year, together with an explanation for major variances between test year revenues and expenses and those for the previous 12-month period. Revenues and expenses shall be summarized by the major account categories listed below. If budgeted data for a future test year is not readily available by these categories, an analysis of the data for the 12-month period immediately prior to the future test year or for the most recent available calendar year may serve as the basis for ratably allocating the budgeted data into the account categories as follows:

OPERATING REVENUES

	Electric Revenues:
	Residential Sales
	Commercial Sales
	Industrial Sales
400	Public Street & Highway
	Lighting Sales
	Sales for Resale
	Total Other Electric Revenues
	Other Electric Revenues:
	Late Payment Charges
	Miscellaneous Service Revenues
	Rent from Electric Property
	Other Electric Revenues
	Total Other Electric Revenues
	Total Operating Revenues

OPERATING EXPENSES

	Operation and Maintenance Expenses
	Power Production Expenses:
	Fuel
401-2	Net Interchange
	Deferred Energy Costs
	Other
	Transmission Expenses
	Distribution Expenses
	Customer Service & Informational Expense
	Sales Expenses
	Administrative and General Expenses
	Total Operation & Maintenance Expenses

403	Depreciation Expenses
	Amortization of Net Salvage
	Nuclear Decommissioning Expense
407	Amortization of Property Losses
	Taxes Other Than Income Taxes
408	Total Operating Expenses Prior To
	Federal & State Income Taxes

OPERATING EXPENSES

	Operating Income Prior To Federal and State Income Taxes

FEDERAL AND STATE INCOME TAXES

	Federal Income Taxes
409	State Income Taxes
409	Deferred Federal Income Taxes
	Deferred State Income Taxes
	Investment Tax Credit Adjustments
411	Deferrals
	Amortization—Credit
	Other Income Tax Credits & Charges
	Total Federal and State Income Taxes
	Operating Income After Federal and State Income Taxes

OTHER INCOME AND DEDUCTIONS
OTHER INCOME

415-18	Non-utility Operating Income
419	Interest and Dividend Income
419	Allowance for Other Funds Used During Construction
421	Gain on Disposition of Property
421	Other Miscellaneous Non-operating Income
	Total Other Income

OTHER INCOME DEDUCTIONS

421	Loss on Disposition of Property
425	Miscellaneous Amortization
426	Miscellaneous
	Total Other Income Deductions

TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS

408	Taxes Other Than Income Taxes
409	Federal Income Tax
	State Income Tax
409	Total Taxes Applicable to Other Income and Deductions
	Income Before Interest Charges

INTEREST CHARGES

427	Interest on Long-Term Debt
428	Amortization of Debt Discount and Expense
429	Amortization of Premium on Debt
431	Other Interest Expense
432	Allowance for Borrowed Funds Used During Construction—Credit
	Net Interest Charges
	Income Before Extraordinary Items
	Extraordinary Items After Taxes
	Net Income "

RESPONSE:

See West Penn Exhibit RAD-18 Attachment A, for the requested comparative operating statements. Set forth below are explanations of the causes of major variances.

OPERATING REVENUES (Variances in $000)

Residential Sales ($4,577)

This variance is due primarily to decreases in Price to Compare revenues $6.5 million, and Distribution revenues $4.0 million, partially offset by increases in Distribution System Improvement Charge revenues $2.5 million, Default Service Support ("DSS") revenues $1.7 million, Universal Service revenues $0.9 million, and Energy Efficiency & Conservation revenues $0.8 million.

Industrial Sales ($4,312)

This variance is due primarily to a decrease in Hourly Pricing Default Service revenues $7.1 million, partially offset by increased DSS revenues $1.7 million and increased Distribution revenues $0.6 million.

OPERATING EXPENSES (Variances in $000)

Operation and Maintenance expense Account 401-2 ($1,383)

The variance is primarily due to decreases of $15.4 million decrease in purchased power and a $2.1 million decrease in administrative & general expense. These decreases are partially offset by increases of $10.2 million in distribution expenses and $3.4 million in customer accounts expenses.

Account 403 Depreciation expense ($3,319)

This variance is due primarily to $2.3 million increase in depreciation on assets in service.

Account 404-5 Amortization and depletion of utility plant ($1,722)

This variance is due primarily to a $1.7 million increase in amortization and depletion on assets.

Account 407.3 Regulatory debits ($3,101)

This variance is due primarily to a $3.1 million increase in the DSS deferral.

Account 407.4 Regulatory credits ($4,023)

This variance is due primarily to an increase of $5.2 million for the Smart Meter deferral partially offset by a decrease of $0.7 million for the Universal Service deferral.

West Penn Power Company
Comparative Income Statements

FERC Account		Twelve Months Ending Dec 31, 2017	Dec 31, 2016	Increase/ (Decrease)
		(In thousands)		
Operating Revenues				
Electric Service Revenues				
440	Residential sales	$ 660,695	$ 665,272	$ (4,577)
442	Commercial sales	196,065	195,951	114
442	Industrial sales	152,001	156,313	(4,312)
444	Public street and highway lighting	8,633	8,626	6
445	Other sales to public authorities	-	-	-
447	Sale for resale	154	220	(66)
	Total electric service revenues	$ 1,017,547	$ 1,026,382	$ (8,835)
Other Electric Revenue				
450	Forfeited discounts	$ 3,000	$ 3,000	$ -
451	Miscellaneous service revenues	1,898	1,898	-
454	Rent from electric property	10,843	10,843	-
456	Other electric revenues	61,037	61,906	(869)
	Total other electric revenues	$ 76,777	$ 77,647	$ (869)
	Total operating revenues	$ 1,094,324	$ 1,104,029	$ (9,705)
Operating Expenses				
401-2	Operation and maintenance expense			
	Power production expenses	$ 531,113	$ 546,482	$ (15,369)
	Transmission expenses	59,481	59,330	150
	Regional market expenses	-	-	-
	Distribution expenses	58,647	48,477	10,171
	Customer accounts expense	31,675	28,291	3,384
	Customer service & information expense	46,256	43,827	2,429
	Sales expenses	101	101	1
	Administrative & general expenses	54,425	56,574	(2,149)
	Subtotal	$ 781,699	$ 783,081	$ (1,383)
403	Depreciation expense	$ 71,252	$ 67,934	$ 3,319
404-5	Amortization and depletion of utility plant	11,467	9,745	1,722
406	Amortization and utility plant acq. adjustment	-	-	-
407	Amortization of property losses	-	-	-
407.3	Regulatory debits	13,874	10,774	3,101
407.4	Regulatory credits	(13,473)	(9,450)	(4,023)
408.1	Taxes other than income taxes	64,499	65,311	(811)
411.1	Accretion expense	-	-	-
411.8	Gains from disposition allowance	-	-	-
	Total operating expenses before federal and state income taxes	$ 929,319	$ 927,394	$ 1,925
	Net operating income before income taxes	$ 165,005	$ 176,635	$ (11,630)
Income taxes				
409.1	Income taxes-federal	$ 10,342	$ 17,620	$ (7,279)
409.1	Income taxes-state	4,902	7,930	(3,028)
410.1	Provision for deferred income taxes-federal	32,154	32,345	(190)
410.1	Provision for deferred income taxes-state	8,576	9,450	(875)
411.1	Income taxes deferred in prior years-cr.	-	-	-
411.4	Investment tax credit adjustments-net	(948)	(948)	-
				-
	Total income taxes	$ 55,026	$ 66,397	$ (11,372)
	Net operating income	$ 109,980	$ 110,238	$ (258)

West Penn Power Company
Comparative Income Statements

FERC Account		Twelve Months Ending Dec 31, 2017	Dec 31, 2016	Increase/ (Decrease)
		(In thousands)		
Other income				
415-16	Revenues from merchandising, jobbing and contract work	$ 3,389	$ 3,253	$ 136
417	Revenues from non-utility operations	-	-	-
417.1	Expenses from non-utility operations	-	-	-
418	Nonoperating rental income	(44)	(44)	-
418.1	Equity in earnings of subsidiary companies	(20)	(20)	-
419	Interest and dividend income	23	341	(318)
419.1	Allowance for funds used during construction	-	-	-
421	Miscellaneous non-operating income	2,450	26,550	(24,100)
421.1	Gain on disposition of property	-	-	-
	Total other income	$ 5,798	$ 30,080	$ (24,282)
	Gross income	$ 115,778	$ 140,318	$ (24,540)
Other Income Deductions				
421.2	Loss on disposition of property	$ -	$ -	$ -
425	Miscellaneous amortization	-	-	-
426	Other income deductions	104	217	(113)
	Total other income deductions	$ 104	$ 217	$ (113)
Taxes Applicable to Other Income and Deductions				
408.2	Taxes other than income taxes	$ 37	$ 36	$ 0
409.2	Income taxes - federal	-	-	-
409.2	Income taxes - state	-	-	-
410.2	Provision for deferred income taxes	-	-	-
411.2	Provision for deferred income taxes-cr.	-	-	-
	Total taxes on other income and deductions	$ 37	$ 36	$ 0
Interest Charges				
427	Interest on long term debt	$ 32,185	$ 29,460	$ 2,725
428	Amortization of debt discount and expense	335	206	129
428.1	Amortization of loss on reacquired debt	48	48	-
429	Amortization of premium on debt credit	-	-	-
429.1	Amortization of gain on reacquired debt	-	-	-
430	Interest on debt to associated companies	775	386	390
431	Other interest expense	2,392	2,383	9
432	Allowance for borrowed funds used during construction - credit	(305)	(277)	(29)
	Total interest charges	$ 35,429	$ 32,206	$ 3,224
	Income before extraordinary items	$ 80,208	$ 107,859	$ (27,651)
Extraordinary Items & Related Taxes				
434	Extraordinary income	$ -	$ -	$ -
435	Extraordinary deductions	-	-	-
409.3	Income taxes - Federal & other	-	-	-
	Extraordinary items after taxes	$ -	$ -	$ -
	Net income	$ 80,208	$ 107,859	$ (27,651)

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-2:

"Provide a summary of test year adjustments which sets forth the effect of the adjustment upon the following: operating revenues, operating expenses, taxes other than income taxes, operating income before income taxes, State income tax, Federal income tax and income available for return. In addition, test year adjustments shall be presented on the basis of the major account categories set out at II-D-1."

RESPONSE:

See West Penn Exhibit RAD-19 Attachment A.

West Penn Power Company

Line No.	Adj. No.	Support Schedule No.	Description	Operating Revenues (1)	Operating Expenses (2)	Taxes Other Then Income Taxes (3)	Operating Income Before Income Taxes (4)	State Income Tax (5)	Federal Income Tax (6)	Income Available for Retum (7)=(4)-(5)-(6)
1			As budgeted (Exhibit RAD-2, Page 1, col. 1)	$ 1,094,324	$ 864,818	$ 64,499	$ 165,007	$ 13,478	$ 41,548	$ 109,981
			Normalizations and Adjustments							
			Operating Revenues							
2	1		Base Operating Revenues	(4,431)			(4,431)	(443)	(1,396)	(2,592)
3	2		State Tax Surcharge Revenues	-			-	-	-	-
4	3		Distribution System Improvement Charge Revenue	(3,744)			(3,744)	(374)	(1,179)	(2,190)
			Other Operating Revenues				-	-	-	-
5	4		Eliminate non-jurisdictional transmission revenues	(60,939)			(60,939)	(6,088)	(19,198)	(35,653)
6	4		Increase in Late Payment Charges	1,327			1,327	133	418	776
										-
			Operating Expenses							-
			Distribution							
7	5	1	Distribution payroll adjustment to reflect year end employee levels and ongoing wage and salary rates		471		(471)	(47)	(148)	(276)
8	5	1	Service company distribution payroll adjustment to reflect year end employee levels and ongoing wage end salary rates		136		(136)	(14)	(43)	(80)
9	5		Eliminate non-jurisdictional transmission expense		(20,052)		20,052	2,003	6,317	11,732
10	5		Amortization of gain or loss on reacquired debt		40		(40)	(4)	(13)	(23)
11	5		Increase expense for contractor saftey requests		272		(272)	(27)	(86)	(159)
			Customer Accounts							
12	6		Customer account payroll adjustment to reflect year end employee levels and ongoing wage and salary rates		167		(167)	(17)	(53)	(98)
13	6		Service company customer account payroll adjustment to reflect year end employee levels and ongoing wage and salary rates		105		(105)	(10)	(33)	(61)
14	6	1	Increased O&M costs associated with increased number of customers in normalized revenue levels		12		(12)	(1)	(4)	(7)
15	6	2	Interest on customer deposits		1,054		(1,054)	(105)	(332)	(617)
			Customer Service							
16	7		Customer service payroll adjustment to reflect year end employee levels and ongoing wage and salary rates		106		(106)	(11)	(33)	(62)
			Administrative & General Expenses							
17	8		A&G payroll adjustment to reflect year end employee levels and ongoing wage and salary rates		92		(92)	(9)	(29)	(54)
18	8		Service company A&G payroll adjustment to reflect year end employee levels and ongoing wage end salary rates		352		(352)	(35)	(111)	(206)
19	8	1	Adjust OPEB expense to service cost level		2,328		(2,328)	(233)	(733)	(1,362)
20	8	2	Adjust Pension Expense to ten year cash level		7,216		(7,216)	(721)	(2,273)	(4,222)
21	8	3	Adjust employee benefit costs		399		(399)	(40)	(126)	(233)
22	8		Adjustment to remove non-jurisdictional A&G expense		(2,658)		2,658	266	837	1,555
23	8		Rate Case expenses normalized over 2 years		353		(353)	(35)	(111)	(207)
			Depreciation Expense							
24	9		Adjustment for equal life group accrual for jurisdictional plant		(44)		44	4	14	26
25	9		Adjustment of cost of removal/salvage expenses to a jurisdictional five year average		(4,220)		4,220	422	1,329	2,469
			Amortization							
26	10		Remove vegetation management amortization from budget		2,525		(2,525)	(252)	(795)	(1,477)
27	10		Remove smart meter amortization from budget		(626)		626	63	197	366
28	10		Remove legacy meter cost of removal amortization from budget		1,453		(1,453)	(145)	(458)	(850)
28	10		Adjust amortization for unrecovered meters and Plan B smart meters		5,646		(5,646)	(564)	(1,779)	(3,303)
			Texes Other than Income							
29	11		Eliminate non-jurisdictional payroll taxes			(222)	222	22	70	130
30	11		Eliminate other non-jurisdictional taxes			(411)	411	41	129	240
31	11		Adjustment for gross receipts tax at normalized revenue level			(463)	463	46	146	271
32	11	1	Adjustment for payroll texes on normalized payroll	-	-	30	(30)	(3)	(9)	(18)
33			Total adjustments before tax (Exhibit RAD-2, Page 1, col. 2. line 16)	$ (67,787)	$ (4,873)	$ (1,066)	$ (61,848)	$ (6,179)	$ (19,484)	$ (36,185)
			Federal & State Income Taxes							
34	12		Current federal & state income taxes				-	11,932	27,328	(39,260)
35	13		Deferred federal & state income taxes				-	(8,576)	(10,562)	19,138
36	14		Amortization of ITC	-	-	-	-	-	153	(153)
37			Total adjustments (Exhibit RAD-2, Page 1, col. 2, line 24)	$ (67,787)	$ (4,873)	$ (1,066)	$ (61,848)	$ (2,823)	$ (2,565)	$ (56,460)
38			Budget as adjusted (Exhibit RAD-2, Page 1, col. 3)	$ 1,026,537	$ 859,945	$ 63,433	$ 103,159	$ 10,655	$ 38,983	$ 53,521
39			PA Jurisdictional (Exhibit RAD-2, Page 1, col. 6)	$ 370,307	$ 237,411	$ 24,724	$ 108,172	$ 11,156	$ 40,562	$ 56,454

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-3:

"List and explain all nonrecurring or extraordinary expenses incurred in the test year and 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, for example, non-yearly maintenance programs, and the like."

RESPONSE:

The test year ending 12/31/17 does not include any non-recurring or extraordinary expenses.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-4:

"As a separate item, list extraordinary property losses related to property previously included in cost of service when the gain or loss on this property has occurred or is likely to occur in the future test year. The proposed ratemaking treatment of extraordinary gains and losses must also be disclosed. Sufficient supporting data must be provided."

RESPONSE:

There are no extraordinary property losses.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-5:

"Provide the amount of accumulated reserve for uncollectible accounts, method and rate of accrual, amounts accrued and amounts written off in each of the last 3 calendar years."

RESPONSE:

The future estimate of uncollectible accounts is based on a historically determined average of net write-offs to sales for each utility company. For the Uncollectible Customer Reserve, the Company determines a 3-year rolling average of net write-offs to sales (36 months of net write-offs/36 months of sales). This percentage is then multiplied by the latest 6 months of sales to arrive at a reserve.

The 2013 Uncollectible Customer Reserve includes a reserve for the Purchase of Receivables program ("POR"). This was determined using a percentage of Non-POR Uncollectible Customer Reserve to Non-POR Customer Receivable Arrears (Uncollectible Customer Receivable Reserve/Non-Current Customer Receivable Arrears). This percentage was then multiplied by the POR Non-Current Customer Receivable Arrears to arrive at a reserve. Beginning in 2014, the POR Uncollectible Customer Reserve calculation methodology was changed to align with the 3-year rolling average as discussed above.

The Company may record additional uncollectible customer reserve amounts as deemed necessary to fairly value Accounts Receivable.

The accruals, net write-offs and balance in FERC Account No. 144.1 Accumulated Reserve for Uncollectible Accounts for the last three calendar years are as follows:

Line No.	Description		Amount
1	**Balance, January 1, 2013**	$	(3,517,479)
2	Accruals	$	(9,779,425)
3	Write-offs (Net)	$	8,569,210
4	**Balance, December 31, 2013**	$	(4,727,694)
5	Accruals	$	(14,233,005)
6	Write-offs (Net)	$	12,884,126
7	**Balance, December 31, 2014**	$	(6,076,573)
8	Accruals	$	(12,497,813)
9	Write-offs (Net)	$	12,813,818
10	**Balance, December 31, 2015**	$	(5,760,568)

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-6:

"Supply detailed calculations to support the total claim for rate case expense, including supporting data for outside service rendered. Provide the items comprising the estimated rate case expense claim for the current rate case."

RESPONSE:

The claim in the current rate case proceeding for rate case expenses, shown on West Penn Exhibit RAD-2 page 17, is based on the following total estimated expenses proposed to be amortized for ratemaking purposes over two years:

Line No.	Description	Amount ($000)
1	Legal Fees	$ 373
2	Expert Witnesses	57
3	Other	276
4	Total Current Filing	$ 706

Other Includes but is not limited to:
Copying
Postage/Courier Services
Public Input Hearing Costs (facilities/travel/hotels/meals)
Customer Notifications including Newspaper notices and Bill Inserts
Transcripts
Travel/hotels/meals for evidentiary hearings in Harrisburg, PA

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-7:

"Submit schedules for the test year and for the 12-month period immediately prior to the test year showing by major components, if included in claimed test year expenses, the expenses incurred in each of the following expense categories:

(a) Miscellaneous general expenses, including account 930.
(b) Outside service expenses.
(c) Regulatory commission expenses.
(d) Advertising expenses, including advertising engaged in by trade associations whenever the utility has claimed a contribution to the trade association as a ratemaking claim - provide explanation of types and purposes of such advertising.
(e) Research and development expenses – provide a listing of major projects.
(f) Charitable and civic contributions, by recipient and amount.
(g) Explain major variances between the test year expenses and those expenses for the prior 12-month period."

RESPONSE:

(a – d): See Page 2 of 3.
(e – f): See Page 3 of 3.

Line No.	Description	12 Months Ending 12/31 2017	2016	2015
			(in thousands)	
	Acct 913 - Advertising & 930 - Miscellaneous General Expense			
	Institutional or Goodwill Advertising Expenses (913 & 930.1)			
1	Goodwill Advertising	$ -	$ -	$ 8
2	Promotion / customer retention	33	33	-
3	Print Advertising	18	18	48
4	Agency Services	213	199	27
5	Total Institutional or Goodwill Advertising	$ 263	$ 250	$ 83
	Misc. General Expenses (930.2)			
6	Bank Fees	$ 108	$ 108	$ 199
7	Misc Regulatory Expenses	-	-	15
8	Corporate Dues - Trade	74	74	107
9	Financing Admin Fees	34	37	36
10	Corporate Dues - Civic	10	10	8
11	Association Fees and Dues	2	2	29
12	Purchase Accounting O&M Expense		(421)	(1,178)
13	FENOC - Benefits	4	4	30
14	FENOC - Tax	1	1	9
15	Adjust out Tranmission expense		667	
17	Billings for Reimbursable Costs			(9)
18	Other Miscellaneous Expenses			(1)
19	Total Miscellaneous General Expenses	$ 233	$ 482	$ (753)
20	Accounts 913 & 930	$ 497	$ 731	$ (670)
	Account 923 - Outside Services Employed			
1	Outside Contractors	$ 18,068	$ 21,305	$ 19,398
2	FE Service Co. Assessments	21,921	19,927	18,532
3	FENOC	51	56	205
4	Total Account 923	$ 40,040	$ 41,288	$ 38,134
	Account 928 - Regulatory Commission Expenses			
1	Regulatory Commission Expense	$ 3,287	$ 3,578	$ 3,148
2	Total Acct 928	$ 3,287	$ 3,578	$ 3,148

Line No.	Description	12 Months Ending 12/31 2017	2016	2015	
			(in thousands)		
1	***Research and Development Expenditures***	$ 252	$ 242	$ 398	(A)

(A) For the year ended December 31, 2015, R&D expenses represents actual amounts included in the income statement. Future amounts are projected expenditures which will settle to either capital or expense depending on the nature of the project.

Account 426.1 - Donations

1	Property Donations	$ 109	$ 218	$ -
2	Civic Donations	15	15	3
3	Total charitable and civic contributions	$ 124	$ 233	$ 3

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-8:

"Provide an analysis by function of charges by affiliates, for the test year and the 12-month period immediately prior to the test year, for services rendered included in the operating expenses of the filing company. Explain the nature of the service and the basis on which charges or allocations are made, including a copy of an applicable contract. Also, explain major variances between the charges for the test year and the corresponding charges for the prior 12-month period."

RESPONSE:

See West Penn Exhibit RAD-25 Attachment A for a summary of charges budgeted to be billed to West Penn Power Company by FirstEnergy Service Company (FE Service) for the twelve months ending December 31, 2017 and December 31, 2016.

Also included is a copy of the Service Agreement between the operating subsidiary West Penn Power Company and FE Service outlining the services to be provided by FE Service and the basis on which charges are to be billed. See West Penn Exhibit RAD-25 Attachment B.

West Penn Power Company
Charges by Affiliates
(000's)

Line No.	Description	Twelve Months Ending December 31, 2017 Labor *	Other than Labor **	Total	Twelve Months Ending December 31, 2016 Labor *	Other than Labor **	Total	Twelve Months Ending December 31, 2015 Labor *	Other than Labor **	Total
1	Production	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	Transmission	818	493	1,311	1,178	475	1,653	1,283	704	1,987
3	Distribution	4,334	2,748	7,082	6,239	3,293	9,532	5,652	3,517	9,169
4	Customer Accounting and Information	3,325	5,308	8,633	3,678	4,216	7,894	4,783	3,456	8,239
5	Administrative and General	11,213	13,005	24,218	9,600	12,716	22,316	12,943	8,552	21,495
6	Total	$ 19,690	$ 21,554	$ 41,244	$ 20,695	$ 20,700	$ 41,395	$ 24,661	$ 16,229	$ 40,890

* Labor is direct payroll only; excludes payroll overhead
** OTL includes payroll overhead

Service Company Agreement-Utility [Execution Copy]

SERVICE AGREEMENT

This Service Agreement ("Agreement") is entered into as of the 25th day of February, 2011, by and between each of the associate companies listed on the signature page hereto (each a "Client Company"), and FirstEnergy Service Company, an Ohio corporation ("Service Company").

WHEREAS, Service Company is a direct wholly-owned subsidiary of FirstEnergy Corp., a holding company under the Public Utility Holding Company Act of 2005, as amended (the "Act");

WHEREAS, Service Company has been formed for the purpose of providing administrative, management and other services to FirstEnergy Corp. and its associate companies, including Client Company (together, the "Client Companies"); and

WHEREAS, Client Company believes that it is in its interest to enter into an arrangement whereby Client Company may agree to purchase such administrative, management and other services from Service Company as Client Company may choose at cost as determined in accordance with this Agreement and the Act;

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto, intending to be legally bound, hereby agree as follows:

1. DESCRIPTION OF SERVICES.

Service Company agrees to provide certain administrative, management or other services (the "Services") to Client Company similar to those supplied to other Client Companies of Service Company. Such services are and will be provided to Client Company only at the request of Client Company. Exhibit A hereto lists and describes all of the Services that are available from Service Company.

2. PERSONNEL.

In order to provide the Services, Service Company will employ executive officers, accountants, financial advisers, technical advisers, attorneys and other persons with the necessary qualifications. If necessary, Service Company may also arrange for the services of nonaffiliated experts, consultants and attorneys in connection with the performance of any of the Services provided under this Agreement.

3. COMPENSATION AND ALLOCATION.

As and to the extent required by law, Service Company provides and will provide such services at fully allocated cost, determined in accordance with the Act. Exhibit A hereof contains rules for determining and allocating such costs.

4. TERMINATION AND MODIFICATION.

Either party to this Agreement may terminate this Agreement by providing 60 days written notice of such termination to the other party. This Agreement is subject to termination or modification at any time to the extent its performance may conflict with the provisions of the Act or with any rule, regulation or order of the Federal Regulatory Energy Commission (the "Commission") adopted before or after the making of this Agreement. This Agreement shall be subject to the approval of any state commission or other state regulatory body whose approval is, by the laws of said state, a legal prerequisite to the execution and delivery or the performance of this Agreement.

5. SERVICE REQUESTS.

Client Company and Service Company will prepare a Service Request on or before September 30th of each year listing Services to be provided to Client Company by Service Company and any special arrangements related to the provision of such Services for the coming year, based on Services provided during the preceding year. Client Company and Service Company may supplement the Service Request during the year to reflect any additional or special Services that Client Company wishes to obtain from Service Company, and the arrangements relating thereto.

6. BILLING AND PAYMENT.

Unless otherwise set forth in a Service Request, payment for Services provided by Service Company shall be by making remittance of the amount billed or by making appropriate accounting entries on the books of Client Company and Service Company. Billing will be made on a monthly basis, with the bill to be rendered as soon as practicable after the close of the month, and remittance or accounting entries completed within 30 days of billing. Any amount remaining unpaid after 30 days following receipt of the bill shall bear interest thereon from the due date of the bill until payment at a rate equal to the prime rate on the due date.

7. NOTICE.

Where written notice is required by this Agreement, all notices, consents, certificates, or other communications hereunder shall be in writing and shall be deemed given when mailed by United States registered or certified mail, postage prepaid, return receipt requested, addressed as follows:

To Client Company: c/o President
76 South Main St.
Akron, Ohio 44308

To Service Company: c/o Vice President and Controller
76 South Main Street
Akron, Ohio 44308

8. GOVERNING LAW.

This Agreement shall be governed by and construed in accordance with the laws of the State of Ohio, without regard to its conflict of laws provisions.

9. MODIFICATION.

No amendment, change or modification to this Agreement shall be valid, unless made in writing and signed by both parties hereto.

10. ENTIRE AGREEMENT.

This Agreement, together with its exhibits, constitutes the entire understanding and agreement of the parties with respect to its subject matter, and effective upon the execution of this Agreement by the respective parties hereof, any and all prior agreements, understandings or representations with respect to this subject matter are hereby terminated and canceled in their entirety and are of no further force and effect, except to the extent transactions thereunder have taken place prior to such effective date in which case such agreements will govern the terms of such transactions.

11. WAIVER.

No waiver by either party hereto of a breach of any provision of this Agreement shall constitute a waiver of any preceding or succeeding breach of the same or any other provision hereof.

12. ASSIGNMENT.

This Agreement shall inure to the benefit and shall be binding upon the parties and their respective successors and assigns. No assignment of this Agreement or either party's rights, interests or obligations hereunder may be made without the other party's consent, which shall not be unreasonably withheld, delayed or conditioned.

13. SEVERABILITY.

If any provision or provisions of this Agreement shall be held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the validity, legality, and enforceability of the remaining provisions shall in no way be affected or impaired thereby.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed effective as of the 25th day of February, 2011. This Agreement supercedes any previous agreement between the Service Company and the Client Companies.

FirstEnergy Service Company

By: _____
Harvey L. Wagner
Vice President & Controller

Client Companies:

Ohio Edison Company
The Cleveland Electric Illuminating Company
The Toledo Edison Company
Pennsylvania Power Company
American Transmission Systems, Incorporated
Pennsylvania Electric Company
Waverly Electric Power & Light Company
Metropolitan Edison Company
Monongahela Power Company
The Potomac-Edison Company
West Penn Power Company
PATH - Allegheny Land Acquisition Company
PATH Allegheny Maryland Transmission Company, LLC
PATH Allegheny Transmission Company, LLC
PATH Allegheny Virginia Transmission Corporation
AYE Series, Potomac-Appalachian Transmission Highline, LLC
Trans-Allegheny Interstate Line Company

By: _____
Charles E. Jones
President

Jersey Central Power & Light Company

By: _____
Donald M. Lynch
President

EXHIBIT A
DESCRIPTION OF SERVICES AND ALLOCATION METHODOLOGY

1. Description Of Services

Overview

This Exhibit provides a description of all services provided by Service Company departments and the cost allocation methodologies to be used in connection therewith. All products and services are subject to Service Level Standards as negotiated between the Service Company department and Client Company. Each Client Company is classified as either a "Utility Subsidiary" or a "Non-Utility Subsidiary".

2. Cost Allocation Methodology

Overview

The costs of services provided by Service Company will be directly assigned, distributed or allocated by activity, project, program, work order or other appropriate basis. The primary basis for charges to affiliates is the direct charge method. The methodologies listed below pertain to all other costs which are not directly assigned but which make up the fully allocated cost of providing the product or service. The costs of product and services provided by the ServeCo that cannot be charged directly to the Subsidiary receiving the product or service will be allocated among the associate companies by utilizing one of the methods described below that most accurately distributes the costs. The method of cost allocation varies based on the department rendering the service. The allocation methods used by Service Company are as follows:

a. **"Multiple Factor – All"** - For the Indirect Costs for products or services benefiting the entire FirstEnergy system, FirstEnergy and all Subsidiaries will bear a fair and equitable portion of such costs. FirstEnergy will bear 5% of these Indirect Costs. The remaining Indirect Costs will be allocated among the Utility Subsidiaries and the Non-Utility Subsidiaries benefiting from the services provided based on FirstEnergy's equity investment in the respective groups. A subsequent allocation step will then occur. Among the Utility Subsidiaries, allocations will be based upon the "Multiple Factor - Utility" method. Among the Non-Utility Subsidiaries, allocations will be based upon the "Multiple Factor - Non-Utility" method.

b. **"Multiple Factor – Utility"** - For the Indirect Costs for a product or service solely benefiting one or more of the Utility Subsidiaries, each such Utility Subsidiary so benefiting will be charged a portion of the Indirect Costs based on the sum of the weighted averages of the following factors:

1. Gross transmission and/or distribution plant
2. Operating and maintenance expense excluding purchase power and fuel costs

3. Transmission and/or distribution revenues, excluding transactions with affiliates

These three (3) factors have been determined to be the most appropriate for the Utility Subsidiaries in the FirstEnergy system. Each factor will be weighted equally so that no one facet of the electric utility operations inordinately influences the distribution of Indirect Costs.

c. "Multiple Factor - Non-Utility" - For the Indirect Costs for products or services solely benefiting the Non-Utility Subsidiaries, each Non-Utility Subsidiary so benefiting receiving the product or service will be charged a proportion of the Indirect Costs based upon the total assets of each Non-Utility Subsidiary, including the generating assets under operating leases from the Utility Subsidiaries.

d. "Multiple Factor - Utility and Non-Utility" - For the Indirect Costs for a product or service benefiting one or more of the Utility and Non-Utility Subsidiaries, each such Subsidiary so benefiting is first assigned a distribution ratio that is in proportion to the Indirect Costs based on FirstEnergy's equity investment in such Subsidiaries. Following this distribution, a subsequent allocation step will then occur. Among the Utility Subsidiaries, allocations will be based upon the "Multiple Factor-Utility." Among the Non-Utility Subsidiaries, allocations will be based upon "Multiple Factor - Non-Utility"

e. "Direct Charge Ratio" - The ratio of direct charges for a particular product or service to an individual Subsidiary as a percentage of the total direct charges for a particular product or service to all Subsidiaries benefiting from such services. Indirect Costs are then allocated to each Subsidiary based on the calculated ratios.

f. "Number of Customers Ratio" - For costs of products and services driven by the number of Utility customers, the allocation method that will be used will be the number of Utility customers for the respective Utility Subsidiary receiving the product or service divided by the total number of utility customers.

g. "Number of Shopping Customers Ratio" - A "shopping customer" is defined as a Utility customer who has selected a competitive electric generation supplier. For costs of products and services driven by the number of shopping customers, the allocation method that will be used will be the number of shopping customers for the respective Utility Subsidiary receiving the product or service divided by the total number of shopping customers.

h. "Number of Participating Employees – General" - For costs of products and services driven by all participating employees within the FirstEnergy system, the allocation method that will be used will be the number of participating employees for the respective Subsidiary receiving the product or service divided by the total number of participating employees.

i. "Number of Participating Employees - Utility and Non-Utility" - For costs of products and services driven by participating employees who work for the Utility and Non-Utility Subsidiaries, the Subsidiaries receiving the product or service are first assigned a distribution ratio that is in proportion to the Indirect Costs based on FirstEnergy's equity investment in the respective groups. Costs are further allocated by using the number of participating employees for the respective Subsidiary divided by the total number of participating FirstEnergy employees.

j. "Gigabytes Used Ratio" - Number of gigabytes utilized by a Subsidiary receiving the product or service divided by the total number of gigabytes used by the FirstEnergy system companies applicable to that respective product or service.

k. "Number of Computer Workstations Ratio" - Number of computer workstations utilized by a Subsidiary receiving the product or service divided by the total number of computer workstations in use by the FirstEnergy system companies applicable to that respective product or service.

l. "Number of Billing Inserts Ratio" - Number of billing inserts performed for a Subsidiary receiving the product or service divided by the total number of billing inserts performed for the FirstEnergy system companies applicable to that respective product or service.

m. "Number of Invoices Ratio" - Number of invoices processed for a Subsidiary receiving the product or service divided by the total number of invoices processed for the FirstEnergy system companies applicable to that respective product or service.

n. "Number of Payments Ratio" - Number of monthly payments processed for a Subsidiary divided by the total monthly number of payments processed for the FirstEnergy system companies applicable to that respective product or service. This will not be utilized until some historical information is available out of our new automated system.

o. "Daily Print Volume" - Average daily print volume performed for a Subsidiary receiving the service divided by the total average daily print volume performed for the entire FirstEnergy system.

p. "Number of Intel Servers" - Number of Intel servers utilized by a Subsidiary receiving the product or service divided by the total number of Intel servers utilized by the FirstEnergy system.

q. "Application Development Ratio" - Number of application development hours budgeted for a Subsidiary receiving the service divided by the total number of budgeted application development hours for the year.

r. "Server Support Composite" - The average ratio of unix gigabytes, SAP gigabytes and Intel number of servers for a Subsidiary receiving the service.

3. Descriptions of Products and Services

CALL CENTER

Product or Service	Product / Service Description	Indirect Allocation Methods
Field All Inbound Regulated Calls	Field calls related to billing, credit, new service, service order completion, outages, and other miscellaneous activities.	Multiple Factor – Utility and Non-Utility
Field All Inbound Unregulated Calls	Field calls related to billing, credit, new service, service order completion, outages, and other miscellaneous activities.	Multiple Factor – Utility and Non-Utility

CUSTOMER SERVICE

Product or Service	Product / Service Description	Indirect Allocation Methods
Supplier Services	Provide customer services support to electric generation suppliers, administer and maintain Electronic Data Interface (EDI) functions and invoice suppliers.	Number of Shopping Customers Ratio
Regulatory Interface and Process Improvement: Supplier	Liaison to ensure Customer Choice requirements and develop and execute plans to improve supplier services processes.	Number of Shopping Customers Ratio
Market Support Generation (MSG) Administration	Administer and support MSG supplier functions.	Number of Shopping Customers Ratio
Regulatory Interface and Process Improvement: Regulatory	Respond to regulatory complaints from customers and develop and execute plans to improve regulatory compliance processes.	Number of Customers Ratio
Compliance	Work with regions to communicate and ensure regulatory requirements.	Multiple Factor – Utility
Power Billing	Provide billing functions for large commercial/industrial contract customers.	Number of Customers Ratio
Revenue Reporting	Perform and manage revenue reporting functions.	Number of Customers Ratio
Billing Exception Processing	Process billing exceptions.	Number of Customers Ratio
Remittance Processing	Process customer payments and deposit funds.	Number of Payments Ratio
Human Services	Coordinate and administer the various social services programs.	Number of Customers Ratio

Arrears Management/ Outsourcing Services Incorporated (OSI) Administration	Coordinate and perform arrears, credit and bankruptcy functions. Manage outside collections agencies' performance and OSI credit activities.	Number of Customers Ratio
Revenue Protection Administration	Perform revenue reporting and compliance functions.	Number of Customers Ratio
Metrics and Budget/ Customer Satisfaction Measurement	Manage Customer Services and Call Center Departments' budgets and measure performance and customer satisfaction results.	Number of Customers Ratio
Policy/Procedures Development and Documentation	Develop, document and communicate Customer Services policies and procedures.	Number of Customers Ratio
Bill Administration/ Forms Administration	Design standardized customer bills, envelopes, and forms.	Number of Customers Ratio
Meter Reading Support	Coordinate Meter Reading schedules and routing activities.	Number of Customers Ratio
Customer Information System (CIS) Control	Operate and maintain CIS.	Number of Customers Ratio

ECONOMIC DEVELOPMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Economic Development Services	Foster economic development to encourage capital investment in FirstEnergy's service areas.	Multiple Factor – Utility

TRANSMISSION & DISTRIBUTION TECHNICAL SERVICES

Product or Service	Product / Service Description	Indirect Allocation Methods
Forestry	Provide forestry services.	Multiple Factor – Utility
Distribution Reliability and Asset Records	Services include Joint User contracts, public works coordination, reliability reporting to regions and Public Utility Commissions, mutual assistance coordination, PowerOn support, cable locate ticket screening and tariff support.	Multiple Factor – Utility

Design Standards	Services include line material and construction standards, distribution line and underground maintenance practices and support, new business process support, and service practices.	Multiple Factor – Utility
Substation Services Support	Services include Substation maintenance plan coordination, practices and support, mobile substation administration and planning, and environmental compliance support.	Multiple Factor – Utility
Equipment Repair/Testing Services	Services include the maintenance, installation, maintenance, testing and repair of utility equipment.	Multiple Factor – Utility
Fleet Services	Develop fleet strategy, and perform fleet maintenance practices and support.	Multiple Factor – Utility
Financial Services	Identify revenue enhancements and cost reductions.	Multiple Factor – Utility
Substation Design and Transmission-Line Maintenance Support	Perform substation and transmission line design and project management and transmission line and substation design and material standards, right-of-way and survey services, transmission line maintenance plan coordination, practices and support, FAA activity coordination.	Multiple Factor – Utility
Planning and Protection	Perform planning and protection support for subtransmission system and overall radial system capacity planning overview, and interconnection coordination for distributed technology applications on distribution system.	Multiple Factor – Utility
Capital Budget and Equipment Support	Capital budget development and support, and major equipment specifications and procurement/repair activities for major equipment.	Multiple Factor – Utility

WORKFORCE DEVELOPMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Transmission and Distribution Skills Training	Develop and facilitate technical and safety training for workers associated with distribution activities, including line, substation, meter, fleet, warehouse, field engineering, and dispatch. Provide support through equipment evaluation, training analyses, job assessments, and project coordination.	Number of Participating Employees – General
Customer Service Skills Training	Develop and facilitate skills training for customer service groups.	Multiple Factor – Utility
External Learning Opportunities Through the Power Systems Institute	Develop educational partnerships with colleges to offer two-year degrees in electric utility technology.	Multiple Factor – Utility

ADMINISTRATIVE SERVICES

Product or Service	Product / Service Description	Indirect Allocation Methods
Provide Administrative Support Services	Provides services in production printing, document imaging, graphic services, food services, corporate mailroom and corporate courier.	Multiple Factor – Utility and Non-Utility or Multiple Factor Utility*
Provide Records Management Services	Provides services in records storage, records retrieval, records retention, records planning and engineering records.	Multiple Factor – Utility and Non-Utility or Multiple Factor Utility*
Provide Business Services	Provides services in convenience copiers, fax machines, pagers, printers, and business information center.	Multiple Factor – Utility and Non-Utility or Multiple Factor Utility*

* For services rendered only to the utilities.

EXECUTIVE

Product or Service	Product / Service Description	Indirect Allocation Methods
Executive Management	Consultation and services in management and administration of all aspects of the business.	Multiple Factor – All

COMMUNICATIONS

Product or Service	Product / Service Description	Indirect Allocation Methods
Public Relations	Provides services in media relations, financial communications, annual reports, executive presentation, public relations counsel, corporate writing, internet support and special projects.	Multiple Factor – All
Employee Communications	Provides services with update, retirees, satellite broadcast, human resource-related communications and special projects.	Number of Participating Employees – Utility and Non-Utility
Production	Provides services related to display, photography, Corporate ID, video and employee merchandise.	Multiple Factor – All
Sponsorship	Provides services related to sports marketing, university support and special projects.	Multiple Factor – All
Non-Utility Advertising	Provides services related to broadcast/print, collateral, direct mail, internet/intranet, display/merchandise, yellow/white pages, production/agency support and special projects.	Multiple Factor – Non-Utility
Utility Advertising	Provides services related to TV, radio, print, outdoors, Internet/Intranet, special projects, production, agency support and creative media placement.	Multiple Factor – Utility
Utility Bill Inserts	Provides services developing regulated bill service to Ohio, Pennsylvania and New Jersey.	Multiple Factor – Utility
Utility : Yellow / White Pages	Provides services with regulated yellow/white pages.	Multiple Factor – Utility
Utility: Research	Provides research services.	Multiple Factor – Utility
Ohio Consumer Education	Provides services related to Ohio Consumer Education statewide and locally.	Multiple Factor – Utility
Ohio Deregulation Education	Provides service related to Deregulation Education.	Multiple Factor – Utility

CORPORATE AFFAIRS AND COMMUNITY INVOLVEMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Corporate Affairs Activities	Provide administrative support through oversight of the business practices and planning and implementation of staff, senior management and related meetings. Serves as community liaison.	Multiple Factor – Utility
Direct Community Involvement Initiatives	Provides direction in employee volunteerism, supports viable community partnerships and educational initiatives.	Multiple Factor – Utility
Energy Efficiency Programs	Directing and coordinating Ohio Weatherization and Energy Efficiency Programs for Low Income Customers.	Multiple Factor – Utility
Community Initiatives Consulting Services	Consults to regional operations and other business units and client managers for the various community programs.	Multiple Factor – Utility
Contributions Management	Directs, coordinates, monitors, and manages contributions.	Multiple Factor – Utility

CORPORATE

Product or Service	Product / Service Description	Indirect Allocation Methods
Investor Services	Stock administration, perform recordkeeping, transfer agent, registrar, paying agent, reinvestment plan administration and other services for shareholders.	None (All Direct Charge to Holding Co.)
Board of Directors Support	Support and administration of Board of Directors meetings and director compensation.	None (All Direct Charge to Holding Co.)
Annual Meeting Coordination	Coordinate the Annual Meeting of Shareholders, including the preparation and mailing of proxy materials and annual reports and the tabulation of proxies.	None (All Direct Charge to Holding Co.).
Indenture Compliance	Administer the company's indentures	Multiple Factor – Utility

HUMAN RESOURCES

Product or Service	Product / Service Description	Indirect Allocation Methods
Manage Employee Executive Compensation and Benefits	Provide management and supervision for employee and executive compensation and benefits.	Number of Participating Employees – General
Manage Workers Compensation and Disability Management	Provide management and supervision for workers compensation and disability programs.	Number of Participating Employees – General
Provide and Coordinate Human Resources Training	Design, prepare and conduct training.	Number of Participating Employees – General
Provide Employment Services	Provide staffing, relocation and employment expertise.	Number of Participating Employees – General
Provide HRIS Services.	Provide and maintain Human Resources information.	Number of Participating Employees – General
Provide Diversity Management Services	Manage Affirmative Action programs, provide EEO/AA consulting services, and respond to charges.	Number of Participating Employees – General
Manage/ Administer Medical Services and Wellness Programs	Establish compliance, develop, implement, and administer medical and wellness programs.	Number of Participating Employees – General

INDUSTRIAL RELATIONS

Product or Service	Product / Service Description	Indirect Allocation Methods
Provide Labor Contract Negotiations	Provide contract negotiation services for all labor agreements.	Number of Participating Employees – General
Provide Labor Consulting Services	Provide labor consulting services.	Number of Participating Employees – General
Manage/Administer Safety Programs	Develop, implement and administer occupational safety programs.	Number of Participating Employees – General

REAL ESTATE

Product or Service	Product / Service Description	Indirect Allocation Methods
Facilities Management	Management and maintenance of office facilities.	Multiple Factor – All or Multiple Factor Utility*
Facilities Planning and Project Management	Manage office design services, furniture, project management and other capital improvements.	Multiple Factor – All or Multiple Factor Utility*
Management of Real Estate Assets	Support internal and external inquiries regarding the acquisition, divestiture and management of real estate assets	Multiple Factor – All or Multiple Factor Utility*
Manage/Administer Security Programs	Administer physical security, special investigations, security audits, security consultation and contract guard services.	Multiple Factor – All or Multiple Factor Utility*

* For services rendered only to the utilities.

FIRSTENERGY TECHNOLOGIES

Product or Service	Product / Service Description	Indirect Allocation Methods
Strategic Technologies	Develop, support and implement EPRI programs, industry initiatives, research and development programs, collaboratives and activities with universities, labs and the Department of Energy.	Multiple Factor – Utility
New Technology Assessment	Perform assessment activities for strategic technology pilots, technology assessments, marketing tests, customer pilots and due diligence reviews.	Multiple Factor – Utility and Non-Utility
Technical Application and Product Innovation	Develop, analyze and support strategic alliances, joint ventures, strategic startups, direct investments and Portfolio initiatives.	Multiple Factor – Utility and Non-Utility
New Technology and Product Market Deployment	Develop, support and implement the following initiatives: tailored solutions with existing products, commercial packages, operational efficiencies and business area solutions.	Multiple Factor – Utility and Non-Utility
Demand Response Initiatives	Provide support for corporate demand response initiatives.	Multiple Factor – Utility and Non-Utility
Renewable Energy Program and Strategy	Provide support for various corporate and regulatory initiatives to develop and implement renewable energy programs and products.	Multiple Factor – Utility

Regulated Programs and Services	Develop, support and implement programs and strategies to meet corporate initiatives and regulatory mandates and commitments related to Comprehensive Resource Assessment(CRA), customer end-use. technology, distributed generation and load management.	Multiple Factor – Utility
Project Implementation Management Services	Develop and implement end-use and distributed generation technology-based products and services.	Multiple Factor – Utility and Non-Utility

TECHNOLOGY & SUPPORT SERVICES

Product or Service	Product / Service Description	Indirect Allocation Methods
Provide Network Services	Provide Internal Network Services.	Multiple Factor – Utility and Non-Utility
Maintain wireless cell sites and fiber optics network	Maintain internal wireless cell sites and fiber optic network; provide engineering, procurement, and installation services.	Multiple Factor – Utility and Non-Utility

INFORMATION TECHNOLOGY

Product or Service	Product / Service Description	Indirect Allocation Methods
Application Development	Create new or enhance existing applications; including analysis design coding, testing; system integration, and implementation, as well as any required technical writing or project manual development.	Directly Billed
Development Supervision and Tool Support	Supervision of application development employees and the support of development software tools.	Application Development Ratio
Server Support (Unix, SAP)	Create and support the network and server infrastructure to accommodate unix and SAP client server applications.	Gigabytes Used Ratio
Client Server Storage Support	Support of storage requirements for all server applications.	Server Support Composite Ratio
Server Support (Intel)	Create and support the network and server infrastructure to accommodate windows and NT client server applications.	Number of Intel Servers Ratio
Mainframe Processing and Storage Support	Execute mainframe applications, including an appropriate portion of support, started tasks, mainframe backups and microfiche services.	Gigabytes Used Ratio

Desktop Support	Help desk email and end-user tools, remote access, repair services, and general workstation support.	Number of Computer Workstations Ratio
Network Services	Includes voice, data, EMS and radio access.	Direct Charge Ratio
Inserting Services	Provide document bursting, inserting and mailing.	Number of Billing Inserts Ratio
Printing Services	Provide mainframe and client server printing services at the data center.	Daily Print Volume Ratio
Technical Consulting	Provide consulting support to departments and end-users to enable them to leverage their IT capabilities. Provide advice and consultation regarding desktop setups and configurations.	Directly Billed
Training	Provide IT training.	Multiple Factor – Utility and Non-Utility
Business Application Support	Support business application related software licenses and / or hardware maintenance provided by an outside vendor.	Directly Billed
Data Security	Disaster recovery and data security services.	Multiple Factor – Utility and Non-Utility
Project Management Office	Oversee technology projects through benefit.	Multiple Factor – Utility and Non-Utility
Provide Telecommunication Services	Provide telecommunication services and equipment.	Direct Charge Ratio
Portal Support	Support the infrastructure to accommodate internet and infranet application access.	Multiple Factor – Utility and Non-Utility

PERFORMANCE PLANNING

Product or Service	Product / Service Description	Indirect Allocation Methods
Performance Planning Services	Develop, support and execute performance planning services.	Multiple Factor – All

SUPPLY CHAIN

Product or Service	Product / Service Description	Indirect Allocation Methods
Strategic Planning, Demand management and Procurement Projects	Provide assistance in materials and services planning (demand management) and performs special procurement projects.	Multiple Factor – Utility and Non-Utility
Goods and services procurement	Procure material, equipment and contractor services. Establish, manage and administer programs, which allow internal customers to obtain goods without having to process the need through Procurement. Develop specifications, construction standards, schedules, and bills of materials.	Multiple Factor – Utility and Non-Utility
Materials Management Support	Maintain the computerized purchasing and materials management systems, and material related modules; maintain and/or modify select management reports. Analyze Supply Chain processes and measure performance. Monitor and forecast demand to ensure a continuous supply of materials.	Multiple Factor – Utility and Non-Utility
Investment Recovery Projects	Develop and implement plans for disposition of surplus assets.	Multiple Factor – Utility and Non-Utility
Process, Refurbish and Sell Materials	Perform recovery processing, investment recovery processing, refurbishing and selling materials.	Multiple Factor – Utility and Non-Utility
Provide Warehousing Services - Non-nuclear	Receive and place material into stock, insure quality requirements are met at receipt, maintain inventory counts, and update information systems. Fill customer requests for material from stock.	Multiple Factor – Utility and Non-Utility
Provide Warehousing Services - Nuclear	Receive and place material into stock, insure quality requirements are met at receipt, maintain inventory counts, and update information systems. Fill customer requests for material from stock.	None (All direct charged)
Warehousing Space Charge	Provide warehousing space to internal customers.	Multiple Factor – Utility and Non-Utility

CONTROLLERS

Product or Service	Product / Service Description	Indirect Allocation Methods
Accounting Research	Provide accounting research and consulting to ensure compliance with existing and proposed financial reporting, and regulatory accounting requirements.	Multiple Factor - All
Accounts Payable	Nonpayroll corporate disbursement services including account distribution to the general ledger. Resolve problems associated with invoice processing and maintain the accounts payable system.	Multiple Factor - All
Billing Services	Prepare non-retail electric billings.	Multiple Factor Utility
Infrastructure and Corporate Reporting, Accounting and Budgeting	Prepare Corporate Sustaining reports, subsidiary accounting and corporate budgeting, which includes reporting and support of the ledger, property records and SAP system.	Multiple Factor - All
Due Diligence	Assist value centers to determine whether proposed business acquisitions/combinations and similar transactions are desirable from a financial perspective; extensive review/analysis following preliminary review and firm intent to proceed with transaction through commitment and closing phases.	None (All direct charged)
Value Center Accounting and Budgeting	Maintain the property accounting system and provide value center accounting such as management reporting.	Multiple Factor – Utility and Non-Utility
Property Record Maintenance	Maintain corporate continuing property records.	Multiple Factor – Utility and Non-Utility or Multiple Factor Utility*
Tax Consulting and Research	Conduct tax research and tax consulting to assure compliance with statues, while evaluating alternative tax strategies within the constraints of regulations that provide additional shareholder value to the company. In addition, provide tax-consulting advice to the value centers on tax compliance and reporting issues, which includes business "start-up" support to organizations requiring assistance.	Multiple Factor – All

* For services rendered only to the utilities.

Tax Compliance	Prepare and process all schedules and information associated with corporate and subsidiary tax returns, audits, and tax litigation, assuring compliance with tax regulations and statues.	Multiple Factor – All or Multiple Factor Utility*

* For services rendered only to the utilities.

CREDIT MANAGEMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Credit Analysis and Supporting Functions	Provide detailed written credit analysis issuing recommendations on counterparty creditworthiness and assigning credit limits.	Multiple Factor – Utility and Non-Utility
Credit Policies and Procedures	Develop and support credit policies and procedures for managing credit risk. Implement and support standardized credit approval processes.	Multiple Factor – Utility and Non-Utility
Credit Management Information System	Develop and support credit management reports and calculate credit exposure on a corporate wide basis.	Multiple Factor - All

ENTERPRISE RISK MANAGEMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
General Risk Management	Develop and maintain an enterprise risk management system.	Multiple Factor - All

INSURANCE SERVICES

Product or Service	Product / Service Description	Indirect Allocation Methods
Insurance Policies	Manage and support insurance policies for all the business units.	Multiple Factor – Utility and Non-Utility
Loss Control Services	Manage and support property inspections to prevent losses.	Multiple Factor – Utility and Non-Utility
Surety Bonds	Manage and support Surety Bonds.	Multiple Factor – Utility and Non-Utility
Risk Transfer and Risk Mitigation Services	Manage and support risk transfer and risk mitigation services.	Multiple Factor – Utility and Non-Utility
Ancillary Coverages	Manage and support ancillary coverages.	None (All direct charged)

INTERNAL AUDIT

Product or Service	Product / Service Description	Indirect Allocation Methods
Audit Services	Perform the following internal audit services based on risk levels and / or requests: financial, performance analysis, safeguarding of assets, computer- related and fraud investigations.	Multiple Factor – All or Multiple Factor – Utility*

INVESTMENT MANAGEMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Qualified and Non-qualified Pension and Savings Plan	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	Number of Participating Employees – Utility and Non–Utility
FirstEnergy Foundation	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	Multiple Factor - All
Voluntary Employee Benefit Association (VEBA) Trust	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	Number of Participating Employees – Utility and Non–Utility
Nuclear Decommissioning	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	None (All direct charged)
Non-Utility Generator Trust	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	Multiple Factor – Non-Utility
Spent Nuclear Fuel	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	None (All direct charged)
Low-Income Housing Tax Credit Partnership	Establish and implement investment policy and asset allocation strategy and monitor investment performance.	Multiple Factor - All

INVESTOR RELATIONS

Product or Service	Product / Service Description	Indirect Allocation Methods
Investor Information	Compile and communicate information to investors.	Multiple Factor – Utility* or Direct Charge to Holding Co.
Investor Education	Target and educate potential investors to promote FirstEnergy's valuation characteristics and business strategy.	None (All Direct Charge to Holding Co.)

* For services rendered only to the utilities.

Regulations Compliance	Ensure compliance with SEC Fair Disclosure regulations.	Multiple Factor - All

FirstEnergy Management Education	Provide education to management of business concerns and valuation issues of analyst/investors	Multiple Factor – All
FirstEnergy Employee Education	Actively promote understanding of financial and investor relations' issues.	Multiple Factor – All

RATES AND REGULATORY AFFAIRS

Product or Service	Product / Service Description	Indirect Allocation Methods
Regulatory Activities and Consulting	Manage regulatory activities and interfaces, including tariff development and interpretation. Monitor and participate in regulatory affairs at the local, state and federal levels.	Multiple Factor – Utility
Customer Pricing and Contracting	Develop pricing programs for regulated electric service for retail and wholesale customers; including "unbundled" costs and prices for generation, transmission and distribution service and support justification to regulators. Provide support in developing pricing for special-purpose customer programs and non-regulated energy services (e.g. prepayment, economic development, interruptible load, conjunctive-billing electric service programs).	Multiple Factor – Utility
Billing Support	Provide assistance calculating customer (external and internal) invoices and operate and maintain systems to render, collect and account for these invoices.	Multiple Factor – Utility
Sales and Load Forecasting	Develop short-term and long-term sales forecast, peak load projections and customer counts	Multiple Factor – Utility and Non-Utility

TREASURY

Product or Service	Product / Service Description	Indirect Allocation Methods
Capital Structure Management and Administration	Perform all activities related to acquiring capital and establish and administer funding, legal documentation, and record-keeping activities associated with finance programs	Multiple Factor – All
Corporate Funds Management	Plan, manage, and operate the corporate "cash-flow-cycle."	Multiple Factor – All
Corporate Forecasting	Provide regulatory support, strategy support, financial modeling and forecasting, financial and economic analysis and development of annual corporate KPI target.	Multiple Factor – All

Capital Project Evaluation and Support	Provide analytical support in the areas of financing, profitability, capital structure and cash flow.	Multiple Factor – Utility and Non-Utility
Investor Relations Activities	Provide institutional and retail security holder, buy and sell-side analysts, rating agencies, and other key members of the financial community with qualitative and quantitative information.	Multiple Factor – All

BUSINESS DEVELOPMENT

Product or Service	Product / Service Description	Indirect Allocation Methods
Mergers and Acquisitions Support	Support, evaluate and assist in the management of merger, asset acquisition and asset disposition activities.	None (All direct charged)
Internal Consulting	Perform strategic analysis/business fit, and economic analysis. Provide integration and transitional management services as needed.	None (All direct charged)

GOVERNMENTAL AFFAIRS

Product or Service	Product / Service Description	Indirect Allocation Methods
Federal Governmental Affairs Support	Activities associated with developing and maintaining relationships with federal government institutions; includes lobbying, and other support activities.	None (All direct charged)
State Governmental Affairs Support	Activities associated with developing and maintaining relationships with state government institutions; includes lobbying, and other support activities.	None (All direct charged)

LEGAL

Product or Service	Product / Service Description	Indirect Allocation Methods
Provide Governmental Affairs Support	Activities associated with developing and maintaining relationships with government institutions; includes lobbying, litigation, and other support activities.	None (All direct charged)
Nuclear Legal Consultation and Case Management	Provide legal advice for federal and state nuclear matters.	None (All direct charged)
Human Resources Legal Consultation & Case Management	Provide legal advice for human resource matters (including workers compensation, union negotiations, arbitrations, class action lawsuits, etc.).	Multiple Factor – Utility and Non-Utility

Product or Service	Product / Service Description	Indirect Allocation Methods
Employee Benefits Legal Consultation & Case Management	Provide legal advice for employee benefits matters (including health and welfare benefits, tax-qualified and non-tax qualified benefit plans and programs, pension administration, etc.).	Number of Participating Employees – Utility and Non-Utility
Tax Legal Consultation & Case Management	Provide legal advice for tax matters including federal, state & local tax matters (land tax, sales & use tax, IRS, etc.).	Multiple Factor – All
Bankruptcy Legal Consultation & Case Management	Provide legal advice for bankruptcy matters.	Multiple Factor – Utility and Non-Utility
International Legal Consultation & Case Management	Provide legal advice for international matters– contract negotiations, sale/lease agreements.	None (All direct charged)
Non-Utility Legal Consultation & Case Management	Provide legal advice on federal and state matters to Non-Utility Subsidiaries.	Multiple Factor – Non-Utilities
Regulatory Legal Consultation & Case Management	Provide legal advice for federal and state regulatory matters.	Multiple Factor – Utility
Environmental Legal Consultation & Case Management	Provide legal advice for environmental matters (other than PCB – related matters) - federal (EPA) and state (EPA), regulatory/legislative compliance issues.	None (All direct charged)
PCB Environmental Legal Consultation & Case Management	Provide legal advice for PCB-related matters - federal (EPA) and state (EPA), regulatory/legislative compliance issues.	Multiple Factor – Utility
Real Estate Legal Consultation & Case Management	Provide legal advice for real estate matters.	Multiple Factor – Utility and Non-Utility
Corporate Legal Consultation & Case Management	Provide legal advice for general corporate and transactional matters (including SEC filings, Board of Directors matters, PUHCA, Financings, Securities Matters, Intellectual Property, Technology, General Counsel matters, etc.).	Multiple Factor – All
Claims Legal Consultation & Case Management	Provide legal advice for Claims matters.	Multiple Factor – All

CLAIMS

Product or Service	Product / Service Description	Indirect Allocation Methods

Process Receivable Claims	Provide management, supervision, and performance of tasks associated with the resolution and chargeback of receivable claims.	Multiple Factor - All
Provide Corporate Support	Claims support in evaluating claims, and procuring appropriate external/internal legal resources.	Multiple Factor - All

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-9:

"Prepare a detailed schedule for the test year showing types of social and service organization memberships paid for, the cost thereof, the accounting treatment and whether included in claimed test year expenses."

RESPONSE:

West Penn Power Company
Social and Service Organization Memberships Paid
(000's)

Line No.	Organization	12 Months Ending December 31, 2017 (1)	2016 (2)	2015 (3)
	Business Associations			
	Account 930			
1	Edison Electric Institute	$ 65	$ 65	$ 107
2	Georgia Tech Reserve Corp (NEETRAC Membership)			13
3	Chamber of Commerce, Economic Development, & Local Community Organizations	21	21	9
4	Cybertech Incorporated			7
5	Other Business / Trade Organizations			4
6	Southeastern Electric Exchange Inc.			4
7	Electric Power Research Institute (EPRI)			3
8	Total Account 930	$ 86	$ 86	$ 146
	Account 923			
9	Southeastern Electric Exchange Inc.	$ -	-	2
	Account 426			
10	Edison Electric Institute	$ 25	$ 25	$ 17
	Total (line 8 + line 9 + line 10)	$ 111	$ 111	$ 165

Account 426 is not included in claimed test year expenses.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-10:

"Provide the following payroll and employee benefit data – regular and overtime – separately for the test year and for the 12-month period immediately prior to the test year:

(a) The average and year-end number of employees and the unadjusted annual payroll expense and employee benefit expense associated with union personnel.
(b) The average and year-end number of employees and the unadjusted annual payroll expense and employee benefit expense associated with nonunion personnel.
(c) The average and year-end number of employees and the unadjusted annual payroll expense and employee benefit expense associated with managerial employees.
(d) A summary of the wage rate, salary and employee benefit changes granted or to be granted during the year.
(e) The claimed test year payroll expense and employee benefit expense.
(f) The percentage of payroll expense and employee benefit expense applicable to operation and maintenance expenses and the basis thereof."

RESPONSE:

(a – b): See West Penn Exhibit RAD-27 Attachment A to this response.

(c) Managerial employees shown below are also included in response a and b under "Full-Time Non-Bargaining" employees.

Payroll and Employee Benefits - Management Employees
($000)

Line No.	Description	12 Months Ending 12/31/2015 Full-Time NonBargaining	12 Months Ending 12/31/2016 Full-Time NonBargaining	12 Months Ending 12/31/2017 Full-Time NonBargaining
	Number of Management Employees			
1	Average	23	23	23
2	Year-End	26	23	23
3	Straight Time Payroll	$ 2,992	$ 2,980	$ 3,069
4	Overtime Payroll	17	-	-
5	Incentive Compensation	329	336	343
6	Total Payroll	$ 3,338	$ 3,316	$ 3,412
7	Total Employee Benefits	$ 660	$ 651	$ 670

(d) The following wage increase assumptions were incorporated in the Jan. 2017 – Dec. 2017 test period: Non-Bargaining 3.00% effective 3/1/17. Non-Union Physical 3.00% effective 3/1/17. Bargaining UWUA 102 2.50% effective 5/1/17.

The following assumptions were incorporated in the 2017 test period: Pension Discount Rate 4.5%, Pension Return on Assets 7.5%, OPEB discount rate 4.25%, OPEB Return on Assets 7.75%, effective January 1, 2017.

The following wage increase assumptions were incorporated in the Jan. 2016 – Dec. 2016 period: Non-Bargaining 3.00% effective 3/1/16. Non-Union Physical 3.00% effective 3/1/16. Bargaining UWUA 102 2.50% effective 5/1/16.

The following assumptions were incorporated in the 2016 test period: Pension Discount Rate 4.5%, Pension Return on Assets 7.5%, OPEB discount rate 4.25%, OPEB Return on Assets 7.75%, effective January 1, 2016

(e) The claimed test year payroll expense is detailed on West Penn Exhibit RAD-2, page 12. Total claimed employee benefit expense consists of the O&M portion of the test year expense listed on West Penn Exhibit RAD-2 Attachment A, lines 7 through 21, and the normalizing adjustment detailed on West Penn Exhibit RAD-2, page 20.

(f) The percentage of forecast payroll expense directly charged to O&M expense for the Jan. 2017 – Dec. 2017 test period is 50.50%. The percentage of employee benefits directly charged to O&M expense for the Jan. 2017 – Dec. 2017 test period is 50.50%. The benefit percentage does not include pension or OPEB costs which are not charged to O&M expense as part of the benefit labor adder applied to payroll.

The percentage of forecast payroll expense directly charged to O&M expense for the Jan. 2016 – Dec. 2016 test period is 51.14%. The percentage of employee benefits directly charged to O&M expense for the Jan. 2016 – Dec. 2016 test period is 51.14%. The benefit percentage does not include pension or OPEB costs which are not charged to O&M expense as part of the benefit labor adder applied to payroll

West Penn Power Company (West Penn)

Payroll and Employee Benefits
($000)

Line No.	Description	12 Months Ending 12/31/2017 Full-Time Bargaining	12 Months Ending 12/31/2017 Full-Time NonBargaining	12 Months Ending 12/31/2017 Total	12 Months Ending 12/31/2016 Full-Time Bargaining	12 Months Ending 12/31/2016 Full-Time NonBargaining	12 Months Ending 12/31/2016 Total	12 Months Ending 12/31/2015 Full-Time Bargaining	12 Months Ending 12/31/2015 Full-Time NonBargaining	12 Months Ending 12/31/2015 Total
	Number of Employees									
1	Average	430	261	691	408	261	669	416	241	657
2	Year-End	421	261	682	438	261	699	407	244	651
3	Straight Time Payroll	$ 31,639	$ 22,209	$ 53,848	$ 30,086	$ 21,140	$ 51,226	$ 28,350	$ 19,940	$ 48,290
4	Overtime Payroll	6,453	794	7,247	6,290	774	7,064	9,480	1,846	11,326
5	Incentive Compensation	1,887	2,125	4,012	1,882	2,130	4,012	3,263	3,445	6,708
6	Total Payroll	$ 39,979	$ 25,128	$ 65,107	$ 38,258	$ 24,044	$ 62,302	$ 41,093	$ 25,231	$ 66,324
	Total Company Employee Benefits:									
7	Workers Compensation	$ 274	$ 173	$ 440	$ 275	$ 164	$ 440	$ 397	$ 230	$ 626
8	Pension Costs	(384)	(233)	(617)	(659)	(394)	(1,053)	1,433	830	2,264
9	OPEB	(1,896)	(1,151)	(3,047)	(1,901)	(1,136)	(3,037)	(2,711)	(1,571)	(4,282)
10	Life Insurance	61	37	98	61	36	97	49	28	77
11	Medical/Dental Insurance	3,812	2,314	6,126	3,668	2,192	5,860	3,309	1,917	5,226
12	Executive Benefits	-	346	346	-	343	343	-	419	419
13	Restricted Stock	-	69	69	-	53	53	-	60	60
14	Savings Plan	1,205	732	1,937	1,188	710	1,898	1,127	653	1,779
15	Long / Short Term Disability	164	100	264	165	99	264	126	73	198
16	Education Assistance	37	22	60	37	22	60	11	7	18
17	Employee Awards	-	-	-	-	-	-	-	-	-
18	Employee Assistance Program	9	5	14	9	5	14	7	4	11
19	Wellness Program	180	109	290	170	101	271	51	30	81
20	Relocation	193	117	310	-	310	310	-	54	54
21	Other	31	19	50	31	19	50	107	62	169
22	Total Employee Benefits	$ 3,686	$ 2,659	$ 6,338	$ 3,045	$ 2,526	$ 5,571	$ 3,906	$ 2,796	$ 6,702

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-11:

"Describe costs relative to leasing equipment, including computer rentals, and office space, including terms and conditions of the leases. State method for calculating monthly or annual payments."

RESPONSE:

Line No	Name of Lessor	Basic Detail of Lease	12 Months Ending December 31, 2017 *(in thousands)*
1	Altec Capital Services, LLC	Fair Market Value (FMV) Lease for BLC Corp Lease Buyouts & New - Base Term 48-96 months for Aerial/Crane trucks and Forklifts with end of term option to return, purchase outright at FMV or renew the lease at FMV for 36 months with a Fixed Rate of 294 BPS plus Federal Swap Rate. Fixed Rate for BLC Corp Lease Buyouts is 200 BPS plus Federal Swap Rate and new is 170 BPS plus Federal Swap Rate.	$1,875
2	Key Equipment Finance Inc.	TRAC/Modified TRAC Lease with 20% residual for BLC Corp Lease Buyouts & New - Base Term 60-96 months for all Light, Medium & Heavy Duty Vehicles excluding Aerial/Crane Trucks with Fixed Rate. Fair Market Value (FMV) Lease for BLC Corp Lease Buyouts & New - Base Term 60-96 months for all off road equipment with Fixed Rate. Fixed Rate for BLC Corp Lease Buyouts is 272 BPS plus Federal Swap Rate and new is 231 BPS plus Federal Swap Rate.	$762
3	Citizens Asset Finance, Inc. (f/k/a RBS Asset Finance, Inc.)	***Motor Vehicles & Trailers*** - Base Term 60 months for Light & Medium Duty Vehicles, 96 months for Heavy Duty High Use Trouble Trucks and 120 months for all other Heavy Duty Vehicles & Trailers with a $1 buy out at end of term for all. ***Other Equipment*** - Base Term 96 months for Miscellaneous Equipment like ATVs, Sweeper/Scrubbers, etc. and 120 months for Construction Equipment & Forklifts with a $1 buy out at end of term for all. Rates for both Motor Vehicles/Trailers & Other Equipment Leases are Fixed based on 200 BPS plus Bloomberg Avg Life Swap Rate (2.5 yrs for 60 month term, 4 yrs for 96 month term & 5.5 yrs for 120 month term)	$414

Line No	Name of Lessor	Basic Detail of Lease	12 Months Ending December 31, 2017
4	Bank of America NA DBA Banc of America Leasing & Capital LLC	***Motor Vehicles & Trailers*** - Base Term 60 months for Light & Medium Duty Vehicles, 96 months for Heavy Duty Vehicles, Aerial Trouble Trucks and Crane Trucks, 120 months for All other Aerial Trucks, Digger Derricks & Trailers. All terms have a 20% residual balance. ***Other Equipment*** - Base Term 120 months for Construction & Miscellaneous Equipment with no residual balance at the end of term instead FMV due. For all others at the end of the term, the options are to return the equipment, purchase at residual/FMV or enter into a renewal term for a minimum of 6 months but no longer than 24 months. At the end of the renewal term, we have the option to purchase at FMV or continue to rent monthly for a $25 administrative fee until the unit(s) are sold. Lease Rate is margin 170 BPS for 60 & 96 term & 173 for 120 term plus Bloomberg Index Forward Swap Rate. Will use the 1st of each month to determine Swap Rate or next Business Day if 1st falls on bank holiday or weekend.	$509

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-12:

"Submit a statement of past and anticipated changes, since the previous rate case, in major accounting procedures, explain 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 cases, and list all internal and independent audit reports for the most recent 2 year period."

RESPONSE:

There have been no major changes in accounting procedures adopted since the previous rate case.

A list of all internal audit reports performed by the Internal Auditing Department from January 2014 through December 2015 appears on pages 1 thru 3.

A list of all independent audits performed from January 2014 through December 2015 appears on page 3.

Internal Audits Performed During – January through December 31, 2014

Compliance:

1. Audit of FirstEnergy Utilities Waste Management Practices as of November 7, 2013
2. Audit of FirstEnergy's Compliance to the Clean Air Act – Sulfur Hexafluoride Mandatory Emissions Tracking and Reporting as of January 21, 2014
3. Audit of FirstEnergy's Compliance with the 2014 CIP Information Protection Program and CIP-003-3 Requirement 4 as of July 15, 2014
4. Compliance Review of FirstEnergy Corporate Security Policy Guide - Possession/Use Of Weapons By Corporate Security Personnel as of November 20, 2014

Operational:

1. Audit of the Smart Meter Deployment Process - Phase I as of July 18, 2014
2. Audit of the Smart Meter Deployment Process – Phase II as of December 5, 2014

Consulting

1. Audit of 2013 Occupational Safety & Health Administration (OSHA) Recordable Incident Rate as of January 10, 2014
2. FiT Assignment - Governance and Compliance Team
3. Vendor Payroll Tax Reconciliation Audit Review
4. Storm Back-Office Invoice Review Process Development

5. Smart Meter Implementation and Procurement (SMIP) Program Time Charging Guiding Principles
6. Cyber Security Risk Assessment – MTF
7. 2014 Purchase Order Audit Clause Revision Reviews

IT Related:

1. Audit of Qlikview as of March 14, 2014
2. Facilitation of the Control Design for the Office Productivity Transformation Project
3. Pre-Implementation Audit of the Financial Transformation Project Budget, Forecast, and Planning System as of May 23, 2014
4. Pre-Implementation Audit of the Financial Transformation Project New General Ledger Technology as of May 23, 2014
5. Pre-Implementation Audit of the Financial Transformation Project Business Objects Planning and Consolidation System as of May 23, 2014
6. Control Design Workshop for IT Operations
7. Audit of Customer Nightly Batch Automation Project as of May 21, 2014
8. Pre-Implementation Audit of PowerPlant 10.4 Upgrade Project as of October 31, 2014
9. Facilitation of the Control Setup and Test Plan Execution for the Office Productivity Transformation Project

Financial:

1. Revenue's Payment Recovery Audit for Accounts Payable – 2012
2. Sarbanes-Oxley Annual Progress Report as of December 31, 2013
3. Audit of Pennsylvania Storm Deferral Accounting as of January 14, 2014
4. Sarbanes-Oxley 404 Assessment of Internal Controls Over Financial Reporting as of December 31, 2013
5. Audit of Accounts Payable for Year-Ended December 31, 2013
6. First Quarter Sarbanes-Oxley Assessment of Internal Controls Over Financial Reporting as of March 31, 2014
7. Audit of the FirstEnergy Interconnection Meters and Billing Accuracy as of January 30, 2014
8. Second Quarter Sarbanes-Oxley Assessment of Internal Controls Over Financial Reporting as of June 30, 2014
9. Third Quarter Sarbanes-Oxley Assessment of Internal Controls Over Financial Reporting as of September 30, 2014
10. Audit of Capital and Operation and Maintenance Expenses – Transmission & Information Technology (IT) Expenditures as of December 15, 2014

Internal Audits Performed During – January through December 31, 2015

Compliance:

1. Audit of 2014 Occupational Safety & Health Administration (OSHA) Recordable Incident Rate as of January 8, 2015
2. Audit of FirstEnergy's Environmental Governance - Environmental Management System (EMS) as of May 12, 2015

3. NERC CIP Version 5 Implementation Project – IT Operations Team as of December 15, 2015

Operational:

1. Audit of Regulated Generation and Dispatch Processes as of February 27, 2015
2. Audit of SMIP - Interim Meter Reading Data Validation Process as of July 15, 2015
3. PA Rate Order Implementation as of September 15, 2015

Consulting

1. Audit of FirstEnergy's Compliance with the 2015 CIP Information Protection Program and CIP-003-3 Requirement 4 as of July 31, 2015
2. FEU Final Bill, Write Off, and Outside Collection Agency Process Review as of August 24, 2015
3. Related Party/Person Risk Assessment – MTF
4. Forefront Identity Manager - MTF

IT Related:

1. Audit of Managed Cloud Environment – IT Controls as of February 13, 2015.
2. Audit of the Information Technology Budget Process as of December 2, 2015
3. Cyber Security Overview - MTF

Financial:

1. Sarbanes-Oxley 404 Assessment of Internal Controls Over Financial Reporting as of December 31, 2014
2. Audit of Accounts Payable for Year-Ended December 31, 2014
3. 2014 SOX Annual Progress Report
4. Audit of UIPlanner Reports
5. Second Quarter Sarbanes-Oxley Assessment of Internal Controls Over Financial Reporting as of June 30, 2015
6. Third Quarter Sarbanes-Oxley Assessment of Internal Controls Over Financial Reporting
7. Revenue's Payment Recovery Audit for Accounts Payable – 2014
8. Balance Sheet Reconciliation Review
9. Audit of Capital and Operation and Maintenance Expenses - FEU as of December 8, 2015

Independent Audits Performed for the years ended December 31, 2014 and 2015

PricewaterhouseCoopers LLP – Independent Registered Public Accounting Firm.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-13:

"Regardless of whether a claim for negative or positive net salvage is made, attach an exhibit showing gross salvage, cost of removal, third party reimbursements, if any, and net salvage for the test year and 4 previous years."

RESPONSE:

The Company has not included third party reimbursements or any related costs of removal in the development of its claim allowance. The reasons for not including these amounts are as follows:

1. Depreciation rates are established with the expectation of normal remaining lives and charged capital principal costs to cost of service while an asset is in rate base.

2. When other than a normal circumstances causes equipment to retire, it is often due to third party involvement. When these occur, the Company acts to protect both investors' and customers' interests by seeking reimbursement from the third parties involved.

3. Third party reimbursements are typically for the following unpredictable and non-periodic events:

    a. relocation/replacement of equipment for the convenience of the requesting party;
    b. damage caused by equipment;
    c. occasional sales of equipment for reasons other than normal of useful life.

4. The Company's handling of third party reimbursements is designed to minimize the need for any additional financing as follows:

    a. a portion equal to the undepreciated amount of the item involved is credited to the reserve, bringing net plant to zero. There are no further depreciation or carrying charges (with book rate base and remaining life depreciation) relative to this item.
    b. A portion equal to labor and other costs of expense is credited to these expenses – thus producing a net incurred expense of zero.

c. Any remaining portion of such reimbursement is credited to related new constructions, thus reducing the cost of replacement plant.

The result of the Company procedure described above is to leave investors and ratepayers in equitable positions. The third party paid for the balance of the old asset (investors' funds outstanding), paid for the extra cost of work involved (no cost to investor or to ratepayer), and paid for some the cost of the replacement equipment (reducing plant rate base, consequently lowering related depreciation and carrying charges to customers). The partial payment of third parties of replacement items also avoids additional financing, with attendant benefits of avoiding increases in capital costs (to customers) and of avoiding possible common equity dilution (to present stockholders).

See West Penn Exhibit RAD-30 Attachment A.

West Penn Power Company (West Penn)
Third Party Reimbursement, Cost of Removal and Salvage
For test year 1/1/2017 thru 12/31/2017 and 6 previous years

	Third Party Reimbursements (1)	Cost of Removal (2)	Salvage (3)	Net Salvage (4)=(2)+(3)
1/1/2011 thru 12/31/2011	(3,275)	11,199,178	(940,832)	10,258,346
1/1/2012 thru 12/31/2012	(768,374)	1,700,260	(1,570,707)	129,553
1/1/2013 thru 12/31/2013	(2,614,835)	17,633,194	(6,023,865)	11,609,329
1/1/2014 thru 12/31/2014	(1,144,433)	16,279,520	(60,368)	16,219,152
1/1/2015 thru 12/31/20153	849,865	14,217,157	(97,182)	14,119,975
1/1/2016 thru 12/31/2016	(1,544,086)	12,279,129	-	12,279,129
1/1/2017 thru 12/31/2017	(1,189,800)	12,956,440	-	12,956,440

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-14:

"State the amount of debt interest utilized for test year income tax calculations, including the amount so utilized which has been allocated from the debt interest of an affiliate, and provide details of debt interest and allocation computations."

RESPONSE:

Debt interest utilized in the normalized fully projected future test year under present rates is $33,008,000 as calculated in West Penn Exhibit RAD-2, Adjustment No. 12, page 26.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-15:

"Provide a schedule for the test year of Federal and Pennsylvania taxes other than income taxes, per books, pro forma at present rates, and pro forma at proposed rates, including the following tax categories:

(a) Social Security.
(b) Unemployment.
(c) Capital stock.
(d) Public utility
(e) P.U.C. assessment.
(f) Other property taxes.
(g) Any other appropriate tax categories."

RESPONSE:

See West Penn Power Exhibit RAD-32 Attachment A for a schedule of taxes other than income taxes showing per budget and pro forma at present rates for the future test years.

West Penn Power Company
Summary of Taxes other than Income Taxes
Twelve Months Ending December 31, 2017
($000)

Line No.	Description	Per Budget	Pro Forma Under Present Rates	
		Total Electric Operating	Normalizing Adjustments	As Adjusted
		(1)	(2)	(3)
	Federal			
1	Federal and State Payroll taxes	$ 2,105	$ 192	$ 1,913
2	Federal Excise tax	1	-	1
	State			
3	Capital Stock	-	-	-
4	Gross Receipts	60,007	463	59,544
5	Public Utility Realty	2,374	382	1,992
6	Highway Use	6	-	6
7	Use tax	(179)	-	(179)
8	Other	7	-	7
	Local			
9	Real Estate & Other	178	29	149
10	TOTAL	$ 64,499	$ 1,066	$ 63,433

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-16:

"Submit a schedule showing the adjustments from taxable net income per books to taxable net income pro forma under existing rates and pro forma under proposed rates, together with an explanation of all normalizing adjustments. 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."

RESPONSE:

See West Penn Exhibit RAD-33 Attachment A.

In Thousands

Line No.	Description	Fully Projected Future Test Year 12/31/2017 Per Budget (1)	Pro-Forma Test Year Under Existing Rates (2)	Pro-Forma Test Year Under Proposed Rates (3)
1	Balance after preferred stock dividends	$ 80,208		
	Net utility operating income:			
2	Exhibit RAD-2, page 1, line 24, column 6		$ 56,454	
3	Exhibit RAD-2, page 3, line 24, column 20			$ 107,809
	Subtract:			
4	Equity Earnings in Subsidiaries	20		
	Add:			
5	Income Taxes-Federal	10,342	19,765	47,418
6	Income Taxes-State	4,902	11,156	19,925
7	Provision for Deferred Income Taxes	40,730	21,592	21,592
8	Provision for Deferred Income Taxes-Credit			
9	Investment Tax Credit	(948)	(795)	(795)
10	Book Income Subject to Tax	$ 135,253	$ 108,172	$ 195,949
	Adjustments:			
11	Book Depreciation	$ 71,069	$ 78,455	$ 78,455
12	Tax Depreciation	(122,162)	(108,649)	(108,649)
13	Interest expense per Ratemaking	-	(33,008)	(33,008)
14	Business Meals	127	-	-
15	Life Insurance	(0)	-	-
16	Energy Efficiency Deferral	-	-	-
17	ESOP Dividend	(650)	-	-
18	Depreciation Flow Thru	223	-	-
19	FE service perm M allocation	(91)	-	-
20	Lobbying	25	-	-
21	Capitalized Interest-Avoided Costs in Excess of AFC	-	-	-
22	FAS 123R - Restricted Stock Units	-	-	-
23	FAS 143	-	-	-
24	Price to Compare Rider	(3,019)	-	-
25	Default Serv. Support - Unbilled Rev.	(7,557)	-	-
26	Storm Damage & Other Deferrals	13,275	-	-
27	FE Service Schedule M allocations	(4,196)	-	-
28	Energy Efficiency Deferral - EEC-C	(642)	-	-
29	OPEBs	(310)	-	-
30	Tax Capitalized Interest	1,471	-	-
31	Capitalized Vertical Tree Trimming	(21,500)	-	-
32	Reacquired Debt - Book Amortization of Loss	382	-	-
33	Casualty Loss	-	-	-
34	Section 263	-	-	-
35	T&D Repairs	(10,000)	-	-
36	AFUDC Equity	14	-	-
37	Capitalized Interest-Book AFC	(305)	-	-
38	PA PTC Deferral	-	-	-
39	Pension Accrual	(4,012)	7,216	7,216
40	Research & Development - 174	(244)	-	-
41	Asset Retirement Obligation	-	-	-
42	Capital Lease Vehicle - Book Expense	-	-	-
43	Universal Service Program (incl interest)	-	-	-
44	Other Reg Assets / Liabilities	868	15,443	15,443
45	CIAC - Post 86	-	-	-
46	State Taxable Income before Tax Preferences	$ 48,020	$ 67,629	$ 155,406
47	State Tax Preference Items	22,079	44,045	44,045
48	State Taxable Income	$ 70,098	$ 111,674	$ 199,451
	State Income Tax:			
49	Current Year	4,902	11,156	19,925
50	Total State Tax	$ 4,902	$ 11,156	$ 19,925
51	Less: State Tax Preference Items	22,079	44,045	44,045
52	Federal Taxable Income (Line 40-L42-L43)	$ 43,118	$ 56,473	$ 135,481

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-17:

"Submit a schedule showing for the last 5 years the income tax refunds, plus interest - net of taxes, received from the Federal government due to prior years' claims."

RESPONSE:

See West Penn Exhibit RAD-34 Attachment A.

West Penn Power Company
Income Tax Refunds Prior Year Claims

( ) represents refunds

	Tax Refunds	Interest Rec	0.414935 Tax On Interest	Net Interest
Received 2011				
None				
Received 2012				
None				
Received 2013				
None				
Received 2014				
None				
Received 2015				
None				
Total				

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-18:

"Furnish a breakdown of major items comprising prepaid and deferred income tax charges and other deferred income tax credits, reserves and associated reversals on liberalized depreciation."

RESPONSE:

See West Penn Exhibit RAD-35 Attachment A.

West Penn Power Company
Accumulated Deferred Taxes
($000)

Line No.		Balance at 12/31/17 (1)	(2)	Balance at 12/31/16 (3)	(4)	Balance at 12/31/15 (5)	(6)
	Account 190-Accumulated Deferred Income Taxes						
1	Accrued Taxes: FICA on Vacation Accrual	$ 60		$ 60		$ 60	
2	Accrued Taxes: Gross Receipts Tax	2,337		2,337		2,337	
3	Accrued Taxes: Tax Audit Reserves	142		142		142	
4	Accum Prov For Inj and Damage-Gen Liability	94		94		94	
5	Accum Prov For Inj and Damage-Workers Comp	953		953		953	
6	Accum Prov: Asbestos Accrual	1,761		1,761		1,761	
7	AFUDC Debt	746		746		746	
8	AFUDC Equity Flow Thru	3,324		3,324		3,324	
9	Alternative Mininum Tax Carryforward	45		45		45	
10	Bad Debt Expense	2,390		2,390		2,390	
11	Charitable Contribution Carryforward	399		399		399	
12	CIAC	88,121		88,121		88,121	
13	Current Liab: Line Protection Dfd Revenue	317		317		317	
14	Current Liability: Healthcare IBNR Reserve	156		156		156	
15	Customer Advances for Construction Refundable	233		233		233	
16	Customer Advances-PA-FT	24		24		24	
17	Deferred Compensation Expense	25		25		25	
18	Economic Development Rider	466		466		466	
19	EDCP OCI Offset	3		3		3	
20	Energy Efficiency Conservation Phase 2	2,440		2,707		2,846	
21	Environmental Liability	15		15		15	
22	FAS 112 - Medical Benefit Accrual	54		54		54	
23	FAS 123R - Performance Shares	27		27		27	
24	FAS 123R - Restricted Stock	125		125		125	
25	FAS 123R - Restricted Stock Units	237		237		237	
26	FE Service Timing Allocation	236		1,981		1,639	
27	Federal NOL	20,888		25,928		31,236	
28	General Overheads	254		254		254	
29	Highway Relocations-PA-FT	1		1		1	
30	Incentive Compensation	2,075		2,075		2,075	
31	ITC FAS 109	4,735		4,735		4,735	
32	Line Extension Cost Recovery	490		490		490	
33	Long Term Diability Accrual	548		548		548	
34	Merger Costs: D&O Insurance	6		6		6	
35	Merger Costs: Licenses	263		263		263	
36	Misc Current Liability	22		22		22	
37	NOL Deferred Tax Asset - LT PA	10,834		12,199		14,408	
38	NOL Deferred Tax Asset - LT WV	0		0		0	
39	Other Post Employment Benefits	(298)		(169)		165	
40	Other Basis Differences	1,507		1,507		1,507	
41	Debt Amortization PAA	4,375		4,375		4,375	
42	Regulated Purchased Power Amort	716		716		716	
43	Unamort Discount Amort PAA	40		40		40	
44	Pension EDCP-SERP Payments	(6,955)		(5,290)		88	
45	Pensions Expense	18,568		18,568		18,568	
46	POLR II Admin Costs	309		309		309	
47	ADVERSE PURCHASE POWER AESBV LT - Asset	38,802		38,802		38,802	
48	Post Retirement Benefits SFAS 106 Accrual	20,228		20,228		20,228	
49	Price to Compare Rider	(295)		958		2,310	
50	Purch Acct-SMIP-CIS	2,299		2,299		2,299	
51	Reg Asset MD CVR	1,350		1,350		1,350	
52	Reg Asset Purchase Power	21		21		21	
53	REG LIAB PA ACT129 - LT	6,181		6,181		6,181	
54	SC01 Timing Allocation	835		835		835	
55	Tax Interest Capitalized	21,700		21,700		21,700	
56	Universal Service Fund	2,411		2,411		2,411	
57	Vacation Pay Accrual	616		616		616	
58	State Income Tax Deductible	1,201		1,201		1,201	
	Total Account 190		$ 258,460		$ 269,923		$ 284,301

West Penn Power Company
Accumulated Deferred Taxes
($000)

Line No.		Balance at 12/31/17 (1)	(2)	Balance at 12/31/16 (3)	(4)	Balance at 12/31/15 (5)	(6)
	Account 281-283 Accum. Deferred Income Taxes						
59	A&G Expenses	$ (20,039)		$ (20,039)		$(20,039)	
60	Accelerated Depreciation	(471,426)		(451,700)		(428,523)	
61	Adverse Purchase Power Aesbv LT	(38,802)		(38,802)		(38,802)	
62	AFUDC Debt	(9,723)		(9,723)		(9,723)	
63	AFUDC Equity Flow Thru	(23,714)		(23,714)		(23,714)	
64	Asset Retirement Obligation	(298)		(298)		(298)	
65	Capitalized Vertical Tree Trimming	(62,296)		(53,375)		(44,454)	
66	Capitalized Benefits	(1,011)		(1,011)		(1,011)	
67	Casualty Loss	(28,720)		(28,720)		(28,720)	
68	CIAC	(11,902)		(11,902)		(11,902)	
69	Clearing Acct: Transportation Deferred	(70)		(70)		(70)	
70	Customer Advances	215		215		215	
71	Deferred Charge-EIB	(2,512)		(2,512)		(2,512)	
72	DSSR Deferral and Interest	(13,242)		(10,106)		(5,703)	
73	FAS 123 R - APIC	(36)		(36)		(36)	
74	FAS 123R - Performance Shares	(12)		(12)		(12)	
75	FAS 123R - Restricted Stock	(58)		(58)		(58)	
76	FAS 123R - Restricted Stock Units	(109)		(109)		(109)	
77	FAS 123R - Stock Options	(47)		(47)		(47)	
78	FAS 158 OPEB OCI Offset	(10,509)		(10,509)		(10,509)	
79	Feb 2010 Storm Deferrals - LT	(5,568)		(5,568)		(5,568)	
80	General Overheads	2,580		2,580		2,580	
81	Highway Relocations	7		7		7	
82	Inventory: Reserve for Obsolescence	(368)		(368)		(368)	
83	Meters and Transformers	(525)		(525)		(525)	
84	Misc Current Liability	-		-		-	
85	OCI AYE	(1)		(1)		(1)	
86	Other Post Employment Benefits	1,687		1,687		1,687	
87	Other Basis Differences	(14,430)		(14,689)		(14,656)	
88	PA Act 129 SMIP-CIS	(6,513)		(6,513)		(6,513)	
89	PA Consumer Education	(490)		(490)		(490)	
90	PA Purchased Power Deferral CA	(1,371)		(1,371)		(1,371)	
91	Aband IT Proj Estab PAA	(3,392)		(3,392)		(3,392)	
92	Purchase Accounting Adj	(179)		(179)		(179)	
93	Unamort Loss Amort PAA	(32)		(32)		(32)	
94	Pension/OPEB : Other Def Cr. or Dr.	(7,185)		(7,185)		(9,684)	
95	State Income Tax Deductible	(2,313)		(2,313)		(2,313)	
96	Post Retirement Benefits SFAS 106 Payments	(762)		(762)		(762)	
97	CWIP	3,393		3,393		3,393	
98	Purch Acct-ARO	(867)		(867)		(867)	
99	Tax Repairs	(144,511)		(140,362)		(136,212)	
100	Reverse Capital Gain	(8)		(8)		(8)	
101	Storm Damage and Other Deferrals	13,489		7,981		(10)	
102	Sale of Property - Book Gain or (Loss)	49		49		49	
103	Tax Interest Capitalized	(8,644)		(9,128)		(9,465)	
104	Unamortized Loss on Reacquired Debt	180		22		(83)	
	Total Account 281-283		$ (870,086)		$(840,563)		$ (810,811)
	Total Deferred Taxes		$ (611,626)		$(570,641)		$ (526,510)

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-19:

"Explain how the Federal corporate graduated tax rates have been reflected for rate case purposes. If the Pennsylvania jurisdictional utility is part of a multi-corporate system, explain how the tax savings are allocated to each member of the system."

RESPONSE:

West Penn is not entitled to a Federal graduated tax rate. West Penn files as a member of a consolidated group and its taxable income exceeds where graduated rates apply. Therefore, the Company uses a flat 35% Federal income tax rate in this filing.

FirstEnergy Corp. ("FirstEnergy") allocates its current federal consolidated income tax liability, pursuant to an agreement approved by the Securities and Exchange Commission, in accordance with the Energy Policy Act of 2005.

Members of the FirstEnergy consolidated group follow the allocation rules under the IRS Regulations under Code Section 1552. The consolidated group is treated as one taxpayer for federal income tax. Each member is required to compute its separate company taxable income. The members with positive taxable income (Paying Members) pay the consolidate tax liability based on an allocation of its separate company income. The aggregate of all amounts paid by Members of the consolidated group, as a result of the excess of each Members' Separate Return Tax liability, (as determined under Section 1.1552-1(a)(2)(ii) of the IRS Regulations) over the amount allocated to such Member as its share of the Consolidated Tax Liability under Code Section 1552 (i.e., the Tax Benefit Amount) is paid by FirstEnergy to the other Members (the "Loss Members") which had tax deductions, losses and credits to which such payments by the Paying Members are attributable. The apportionment of such payments among Loss Members is allocated among the group Members pursuant to IRS Regulations Section 1.1502-21(b).

However, the Tax Benefit Amount allocated to FirstEnergy and paid to FirstEnergy as a result of its being a Loss Member is limited to its Tax Benefit Amount determined by multiplying it total loss benefit amount by a fraction, the numerator of which is FirstEnergy's interest deduction attributable to Acquisition Indebtedness, and the denominator of which is the sum of all of FirstEnergy's deductions. The portion of FirstEnergy's Tax Benefit Amount which cannot be allocated and paid to FirstEnergy due to the operation of this limitation is reallocated to Paying Members of the Consolidated Group other than FirstEnergy in

accordance with the method described in Sections 1.1502-33(d)(3) and 1.1552-1(a)(2) of the IRS Regulations.

The general effect of the method is to first allocate the consolidated tax liability among the Members of the Consolidated Group on the basis of the percentage of the total consolidated tax which the tax of such Member, if computed on a separate return basis would bear to the total amount of the taxes for all Members of the group so computed. Then the method allocates an additional amount (the "Tax Benefit Amount") to each Member up to, but not greater than, the excess, if any, of its Separate Return Tax liability, over the amount allocated to such Member in the previous sentence. The total of the Tax Benefit Amounts allocated to Members results in payments to the Members who had items of deduction, loss or credits to which such Tax Benefit Amount is attributable.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-20:

"Explain the treatment given to costs of removal in the income tax calculation and the basis for such treatment."

RESPONSE:

On property acquired between 1971 and 1980, the Company utilizes the Asset Depreciation Range Tax Depreciation Method.

Under those regulations, when an asset is retired, the cost of dismantling, demolishing, or removing is deductible as a current year's expense.

On property acquired in 1981 and subsequent thereto, the company (in accordance with Accelerated Cost Recovery System and Modified Accelerated Cost Recovery System regulations) elected to use Cost of Removal in the calculation of gain or loss on retirements of 1981 and subsequent property.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-21:

"Show income tax loss/gain carryovers from previous years. Show loss/gain carryovers by years of origin and amounts remaining by years at the beginning of the test year."

RESPONSE:

See West Penn Exhibit RAD-38 Attachment A for the Net Operating Loss Carryforward schedule.

West Penn Power Company
Net Operating Loss Carryforwards - Federal & State
Cumulative Balance at 12-31-15

	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Federal NOL	$ -	$ -	$ -	$ 6,945,393	$ 51,742,620	$ 15,841,496	$ 1,573,726	$ 20,016,451	$ -	$ 96,119,686
2015 Utilization - Per Accrual	-	-	-	(6,874,918)	-	-	-	-	-	(6,874,918)
Balance	$ -	$ -	$ -	$ 70,475	$ 51,742,620	$ 15,841,496	$ 1,573,726	$ 20,016,451	$ -	$ 89,244,768
PA NOL	$ 11,667,628	$ 7,805,369	$ 50,298,586	$ 18,630,177	$ 105,251,081	$ -	$ -	$ 29,107,632	$ -	$ 222,760,473
2000 Utilization	-	-	-	-	-	-	-	-	-	-
2005 Utilizaton	-	-	-	-	-	-	-	-	-	-
2006 Utilizaton	-	-	-	-	-	-	-	-	-	-
2012 Utilization	-	-	-	-	-	-	-	-	-	-
2013 Utilization	-	-	-	-	-	-	-	-	-	-
2015 Utilization - Per Accrual	(872,108)	-	-	-	-	-	-	-	-	(872,108)
Balance	$ 10,795,520	$ 7,805,369	$ 50,298,586	$ 18,630,177	$ 105,251,081	$ -	$ -	$ 29,107,632	$ -	$ 221,888,365
WV NOL	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,605	$ -	$ -	$ 3,605
Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,605	$ -	$ -	$ 3,605
Federal Charitable Contributions	$ -	$ -	$ -	$ -	$ 502,020	$ 180,251	$ 167,759	$ 138,570	$ -	$ 988,600
Balance	$ -	$ -	$ -	$ -	$ 502,020	$ 180,251	$ 167,759	$ 138,570	$ -	$ 988,600

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-22:

"State whether the company eliminates 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, and 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 savings reduction, and state whether State taxes are increased to reflect the construction interest elimination."

RESPONSE:

One of the revisions made to the Internal Revenue Code ("IRC") by the Tax Reform Act of 1996 was the elimination of the current deduction for construction period interest. The IRC now requires construction period interest to be capitalized for tax purposes using an avoided cost methodology. This methodology results in a similar required capitalized interest amount for tax purposes than the debt component of Allowance for Funds Used During Construction. Therefore, there are no current tax savings to eliminate.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-23:

"Under section 1552 of the Internal Revenue Code (26 U.S.C.A. § 1552) and 26 CFR 1.1552-1 (1983), if applicable, a parent company, in filing a consolidated income tax return for the group, must choose one of four options by which it must allocate total income tax liability of the group to the participating members to determine each member's tax liability to the Federal government (if this interrogatory is not applicable, so state):

(a) State what option has been chosen by the group.
(b) Provide, in summary form, the amount of tax liability that has been allocated to each of the participating members in the consolidated income tax return for the test year and the most recent 3 years for which data is available.
(c) Provide a schedule, in summary form, of contributions, which were determined on the basis of separate tax return calculations, made by each of the participating members to the tax liability indicated in the consolidated group tax return. Provide total amounts of actual payments to the tax depository for the tax year, as computed on the basis of separate returns of members.
(d) Provide the most recent annual income tax return for the group.
(e) Provide details of the amount of the net operating losses of any member allocated to the income tax returns of each of the members of the consolidated group for the test year and the 3 most recent years for which data is available, together with a summary of the actual tax payments for those years.
(f) Provide details of the amount of net negative income taxes, after all tax credits are accounted for, of any member allocated to the income tax return of each of the members of the consolidated group for the test year and the 3 most recent years for which data is available, together with a summary of the actual tax payments for those years."

RESPONSE:

(a) The option used is Reg. §1.1552-1(a)(2) – the tax liability of the group is allocated based on the percentage of total tax computed on a separate basis for each member over the total amount of tax for all members of the group so computed.

(b) See HIGHLY CONFIDENTIAL West Penn Exhibit RAD-40 Attachment A – page 1 of 33 for the amount of the tax liability that has been allocated to each of the participating members in the Consolidated Federal income tax return for the most recent three years.

(c) See HIGHLY CONFIDENTIAL West Penn Exhibit RAD-40 Attachment A – pages 2-28 for the payments and refunds made for the most recent filed returns for years 2012, 2013 and 2014 as computed on the basis of separate returns of members.

(d) See HIGHLY CONFIDENTIAL West Penn Exhibit RAD-40 Attachment A - pages 29-33 --A copy of the U.S. Corporation Income Tax Return (Form 1120) as filed by FirstEnergy Corp. and its subsidiaries for the year 2014.

(e) See HIGHLY CONFIDENTIAL West Penn Exhibit RAD-40 Attachment A - pages 1-28.

(f) See HIGHLY CONFIDENTIAL West Penn Exhibit RAD-40 Attachment A - pages 1-28.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-24:

"Provide detailed computations by vintage year showing State and Federal deferred income taxes resulting from the use of accelerated tax depreciation associated with post-1969 public utility property, ADR rates, and accelerated tax depreciation associated with post-1980 public utility property under the Accelerated Cost Recovery System (ACRS).

(a) Reconcile and explain any differences in the base used to calculate State and Federal deferred income taxes.

(b) 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.

(c) Reconcile differences between the deferred tax balance, as shown as a reduction to rate base, and the deferred tax balance as shown on the balance sheet."

RESPONSE:

(a) See West Penn Exhibit RAD-41 Attachment A. The attachment was prepared as submitted in the past. Vintage schedules only show Federal deferred income taxes and Gain Loss is post vintage 1986. No basis difference, however, there is a timing difference due to Pennsylvania disallowance in year one of the 50% Federal Bonus Depreciation.

(b) See West Penn Exhibit RAD-41 Attachment A. Tax depreciation for the fully projected future test year is based on all electric plant in service claimed as of 12/31/17 and the annual tax depreciation is based on the same plant.

(c) See West Penn Exhibit RAD-41 Attachment B.

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

		Deferral of Taxes			Pro Forma Under Present Rates	
	Vintage Year	State	Federal	Total	Normalizing Adjustments	Total
Provision:	1970	$ -	$ -	$ -		$ -
	1971	-	-	-		-
	1972	-	(698)	(698)		(698)
	1973	-	-	-		-
	1974	-	(199)	(199)		(199)
	1975	-	-	-		-
	1976	-	(327)	(327)		(327)
	1977	-	-	-		-
	1978	-	(579)	(579)		(579)
	1979	-	-	-		-
	1981	-	-	-		-
	1982	-	-	-		-
	1983	-	-	-		-
	1984	-	-	-		-
	1985	-	-	-		-
	1986	-	-	-		-
	1987	-	(795)	(795)		(795)
	1987 Q1	-	-	-		-
	1987 Q2	-	-	-		-
	1987 Q3	-	-	-		-
	1987 Q4	-	-	-		-
	1988	-	(516)	(516)		(516)
	1989	-	72,316	72,316		72,316
	1990	-	86,447	86,447		86,447
	1991	-	50,632	50,632		50,632
	1992	-	(6,331)	(6,331)		(6,331)
	1993	-	(894)	(894)		(894)
	1993 Q1	-	-	-		-
	1993 Q2	-	-	-		-
	1993 Q3	-	-	-		-
	1993 Q4	-	-	-		-
	1994	-	(20,913)	(20,913)		(20,913)
	1995	-	(25,515)	(25,515)		(25,515)
	1996	-	304,768	304,768		304,768
	1997	-	370,476	370,476		370,476
	1998	-	540,651	540,651		540,651
	1999	-	(18,009)	(18,009)		(18,009)
	1999 Q1	-	80,631	80,631		80,631
	1999 Q2	-	94,840	94,840		94,840
	1999 Q3	-	133,399	133,399		133,399
	1999 Q4	-	145,651	145,651		145,651
	2000	-	289,834	289,834		289,834
	2001	-	402,612	402,612		402,612
	2001 JCA	-	503	503		503
	2002	-	(30,574)	(30,574)		(30,574)
	2002 30%	-	(10,637)	(10,637)		(10,637)
	2002 JCA	-	462,392	462,392		462,392
	2003	-	(2,647)	(2,647)		(2,647)
	2003 30%	-	61,692	61,692		61,692
	2003 50%	-	296	296		296
	2003 NQ	-	20,116	20,116		20,116
	2004	-	(2,909)	(2,909)		(2,909)
	2004 30%	-	7	7		7
	2004 50%	-	36,532	36,532		36,532
	2004 NQ	-	(17,016)	(17,016)		(17,016)
	2005	-	496,482	496,482		496,482
	2006	-	501,733	501,733		501,733
	2007	-	(149,052)	(149,052)		(149,052)
	2007 Q1	-	126,015	126,015		126,015
	2007 Q2	-	171,406	171,406		171,406
	2007 Q3	-	202,658	202,658		202,658
	2007 Q4	-	151,883	151,883		151,883
	2008	-	-	-		-
	2008 50%	-	283,117	283,117		283,117
	2008 NQ	-	43,658	43,658		43,658
	2009	-	-	-		-
	2009 NQ	-	(110,552)	(110,552)		(110,552)
	2009 Q1 50%	-	28,959	28,959		28,959
	2009 Q1 NQ	-	(4,463)	(4,463)		(4,463)
	2009 Q2 50%	-	22,615	22,615		22,615

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

	Vintage Year	Deferral of Taxes State	Federal	Total	Pro Forma Under Present Rates Normalizing Adjustments	Total
Provision:	2009 Q2 NQ	-	2,162	2,162		2,162
	2009 Q3 50%	-	17,136	17,136		17,136
	2009 Q3 NQ	-	1,737	1,737		1,737
	2009 Q4 50%	-	42,062	42,062		42,062
	2009 Q4 NQ	-	(12,903)	(12,903)		(12,903)
	2010	-	-	-		-
	2010 100%	-	-	-		-
	2010 50%	-	171,994	171,994		171,994
	2010 NQ	-	(283,206)	(283,206)		(283,206)
	2011	-	(7,692)	(7,692)		(7,692)
	2011 100%	-	14,411	14,411		14,411
	2011 50%	-	4,955	4,955		4,955
	2012	-	(289,301)	(289,301)		(289,301)
	2012 50%	-	1,294,784	1,294,784		1,294,784
	2013	-	257,728	257,728		257,728
	2013 50%	-	1,599,839	1,599,839		1,599,839
	2014	-	104,300	104,300		104,300
	2014 50%	-	2,118,429	2,118,429		2,118,429
	2014 EXP	-	-	-		-
	2015	-	5,790,108	5,790,108		5,790,108
	2015 50%	-	23,794,875	23,794,875		23,794,875
	2015 EXP	-	(588,459)	(588,459)		(588,459)
Total Provision		$ -	$ 38,812,651	$ 38,812,651	$ -	$ 38,812,651

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

	Vintage Year	Deferral of Taxes State	Federal	Total	Pro Forma Under Present Rates Normalizing Adjustments	Total
Reversal	1970	$ -	$ -	$ -		$ -
	1971	-	(232)	(232)		(232)
	1972	-	9	9		9
	1973	-	-	-		-
	1974	-	-	-		-
	1975	-	(195)	(195)		(195)
	1976	-	-	-		-
	1977	-	(189)	(189)		(189)
	1978	-	-	-		-
	1979	-	(1,328)	(1,328)		(1,328)
	1981	-	(297,357)	(297,357)		(297,357)
	1982	-	(42,167)	(42,167)		(42,167)
	1983	-	(272,320)	(272,320)		(272,320)
	1984	-	(205,102)	(205,102)		(205,102)
	1985	-	(259,004)	(259,004)		(259,004)
	1986	-	(118,081)	(118,081)		(118,081)
	1987	-	(1,216)	(1,216)		(1,216)
	1987 Q1	-	(47,616)	(47,616)		(47,616)
	1987 Q2	-	(20,088)	(20,088)		(20,088)
	1987 Q3	-	(49,360)	(49,360)		(49,360)
	1987 Q4	-	(116,007)	(116,007)		(116,007)
	1988	-	(273,052)	(273,052)		(273,052)
	1989	-	(602,270)	(602,270)		(602,270)
	1990	-	(489,740)	(489,740)		(489,740)
	1991	-	(294,636)	(294,636)		(294,636)
	1992	-	(359,974)	(359,974)		(359,974)
	1993	-	(34,101)	(34,101)		(34,101)
	1993 Q1	-	(123,114)	(123,114)		(123,114)
	1993 Q2	-	(76,037)	(76,037)		(76,037)
	1993 Q3	-	(99,596)	(99,596)		(99,596)
	1993 Q4	-	(296,443)	(296,443)		(296,443)
	1994	-	(334,753)	(334,753)		(334,753)
	1995	-	(125,297)	(125,297)		(125,297)
	1996	-	(99,005)	(99,005)		(99,005)
	1997	-	(99,200)	(99,200)		(99,200)
	1998	-	(234,067)	(234,067)		(234,067)
	1999	-	(33,193)	(33,193)		(33,193)

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

		Deferral of Taxes			Pro Forma Under Present Rates	
	Vintage Year	State	Federal	Total	Normalizing Adjustments	Total
Reversal	1999 Q1	-	5,627	5,627		5,627
	1999 Q2	-	(13,362)	(13,362)		(13,362)
	1999 Q3	-	7,829	7,829		7,829
	1999 Q4	-	54,496	54,496		54,496
	2000	-	(219,458)	(219,458)		(219,458)
	2001	-	(93,568)	(93,568)		(93,568)
	2001 JCA	-	109	109		109
	2002	-	(81,606)	(81,606)		(81,606)
	2002 30%	-	-	-		-
	2002 JCA	-	213,086	213,086		213,086
	2003	-	-	-		-
	2003 30%	-	4,556	4,556		4,556
	2003 50%	-	20,508	20,508		20,508
	2003 NQ	-	(250,509)	(250,509)		(250,509)
	2004	-	-	-		-
	2004 30%	-	102	102		102
	2004 50%	-	73,237	73,237		73,237
	2004 NQ	-	(187,495)	(187,495)		(187,495)
	2005	-	(333,006)	(333,006)		(333,006)
	2006	-	(14,174)	(14,174)		(14,174)
	2007	-	188,620	188,620		188,620
	2007 Q1	-	(11,418)	(11,418)		(11,418)
	2007 Q2	-	(274)	(274)		(274)
	2007 Q3	-	23,547	23,547		23,547
	2007 Q4	-	(19,543)	(19,543)		(19,543)
	2008	-	(15,690)	(15,690)		(15,690)
	2008 50%	-	(107,265)	(107,265)		(107,265)
	2008 NQ	-	(436,565)	(436,565)		(436,565)
	2009	-	(9,020)	(9,020)		(9,020)
	2009 NQ	-	(108,931)	(108,931)		(108,931)
	2009 Q1 50%	-	956	956		956
	2009 Q1 NQ	-	7	7		7
	2009 Q2 50%	-	(95,320)	(95,320)		(95,320)
	2009 Q2 NQ	-	2,284	2,284		2,284
	2009 Q3 50%	-	17,728	17,728		17,728
	2009 Q3 NQ	-	(2,807)	(2,807)		(2,807)
	2009 Q4 50%	-	26,044	26,044		26,044
	2009 Q4 NQ	-	(1,343)	(1,343)		(1,343)
	2010	-	(12,139)	(12,139)		(12,139)
	2010 100%	-	(344,817)	(344,817)		(344,817)
	2010 50%	-	(125,851)	(125,851)		(125,851)
	2010 NQ	-	(159,309)	(159,309)		(159,309)
	2011	-	(2,149)	(2,149)		(2,149)
	2011 100%	-	(2,654,947)	(2,654,947)		(2,654,947)
	2011 50%	-	(337,274)	(337,274)		(337,274)
	2012	-	(244,289)	(244,289)		(244,289)
	2012 50%	-	793,419	793,419		793,419
	2013	-	(148,756)	(148,756)		(148,756)
	2013 50%	-	(975,673)	(975,673)		(975,673)
	2014	-	(145,458)	(145,458)		(145,458)
	2014 50%	-	(868,456)	(868,456)		(868,456)
	2014 EXP	-	110,471	110,471		110,471
	2015	-	82,895	82,895		82,895
	2015 50%	-	(123,299)	(123,299)		(123,299)
	2015 EXP	-	7,874	7,874		7,874
Total Reversal		$ -	$ (11,515,108)	$ (11,515,108)	$ -	$ (11,515,108)
Net Provision		$ -	$ 27,297,543	$ 27,297,543	$ -	$ 27,297,543

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
1970	$ -	0%	35%	$ -	$ -	$ -
1971	-	0%	35%	-	-	-
1972	(1,996)	0%	35%	-	(698)	(698)
1973	-	0%	35%	-	-	-
1974	(568)	0%	35%	-	(199)	(199)
1975	-	0%	35%	-	-	-
1976	(934)	0%	35%	-	(327)	(327)
1977	-	0%	35%	-	-	-
1978	(1,654)	0%	35%	-	(579)	(579)
1979	-	0%	35%	-	-	-
1981	-	0%	35%	-	-	-
1982	-	0%	35%	-	-	-
1983	-	0%	35%	-	-	-
1984	-	0%	35%	-	-	-
1985	-	0%	35%	-	-	-
1986	-	0%	35%	-	-	-
1987	(1,642)	0%	35%	-	(575)	(575)
1987 Q1	-	0%	35%	-	-	-
1987 Q2	-	0%	35%	-	-	-
1987 Q3	-	0%	35%	-	-	-
1987 Q4	-	0%	35%	-	-	-
1988	(1,474)	0%	35%	-	(516)	(516)
1989	204,092	0%	35%	-	71,432	71,432
1990	237,976	0%	35%	-	83,292	83,292
1991	144,824	0%	35%	-	50,688	50,688
1992	(56,045)	0%	35%	-	(19,616)	(19,616)
1993	(2,555)	0%	35%	-	(894)	(894)
1993 Q1	-	0%	35%	-	-	-
1993 Q2	-	0%	35%	-	-	-
1993 Q3	-	0%	35%	-	-	-
1993 Q4	-	0%	35%	-	-	-
1994	(60,803)	0%	35%	-	(21,281)	(21,281)
1995	(73,225)	0%	35%	-	(25,629)	(25,629)
1996	868,550	0%	35%	-	303,993	303,993
1997	1,054,612	0%	35%	-	369,114	369,114
1998	1,520,469	0%	35%	-	532,164	532,164
1999	(51,455)	0%	35%	-	(18,009)	(18,009)
1999 Q1	229,966	0%	35%	-	80,488	80,488
1999 Q2	270,475	0%	35%	-	94,666	94,666
1999 Q3	380,386	0%	35%	-	133,135	133,135
1999 Q4	415,277	0%	35%	-	145,347	145,347
2000	800,731	0%	35%	-	280,256	280,256
2001	1,141,351	0%	35%	-	399,473	399,473
2001 JCA	1,413	0%	35%	-	495	495
2002	(87,355)	0%	35%	-	(30,574)	(30,574)
2002 30%	(30,392)	0%	35%	-	(10,637)	(10,637)
2002 JCA	1,314,669	0%	35%	-	460,134	460,134
2003	(7,562)	0%	35%	-	(2,647)	(2,647)
2003 30%	176,144	0%	35%	-	61,650	61,650
2003 50%	741	0%	35%	-	259	259
2003 NQ	57,440	0%	35%	-	20,104	20,104
2004	(8,311)	0%	35%	-	(2,909)	(2,909)
2004 30%	5	0%	35%	-	2	2
2004 50%	92,898	0%	35%	-	32,514	32,514
2004 NQ	(48,586)	0%	35%	-	(17,005)	(17,005)
2005	1,391,358	0%	35%	-	486,975	486,975
2006	1,393,751	0%	35%	-	487,813	487,813
2007	(445,492)	0%	35%	-	(155,922)	(155,922)
2007 Q1	342,830	0%	35%	-	119,990	119,990
2007 Q2	465,195	0%	35%	-	162,818	162,818
2007 Q3	551,001	0%	35%	-	192,850	192,850
2007 Q4	408,601	0%	35%	-	143,010	143,010
2008	-	0%	35%	-	-	-
2008 50%	682,676	0%	35%	-	238,937	238,937
2008 NQ	72,987	0%	35%	-	25,546	25,546
2009	-	0%	35%	-	-	-
2009 NQ	(315,862)	0%	35%	-	(110,552)	(110,552)
2009 Q1 50%	79,655	0%	35%	-	27,879	27,879
2009 Q1 NQ	(14,925)	0%	35%	-	(5,224)	(5,224)
2009 Q2 50%	61,253	0%	35%	-	21,439	21,439
2009 Q2 NQ	6,125	0%	35%	-	2,144	2,144
2009 Q3 50%	45,730	0%	35%	-	16,005	16,005
2009 Q3 NQ	3,801	0%	35%	-	1,330	1,330
2009 Q4 50%	117,066	0%	35%	-	40,973	40,973
2009 Q4 NQ	(39,150)	0%	35%	-	(13,703)	(13,703)
2010	-	0%	35%	-	-	-
2010 100%	-	0%	35%	-	-	-
2010 50%	463,424	0%	35%	-	162,198	162,198

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
2010 NQ	(809,161)	0%	35%	-	(283,206)	(283,206)
2011	(22,214)	0%	35%	-	(7,775)	(7,775)
2011 100%	41,173	0%	35%	-	14,411	14,411
2011 50%	13,338	0%	35%	-	4,668	4,668
2012	(806,561)	0%	35%	-	(282,296)	(282,296)
2012 50%	3,525,513	0%	35%	-	1,233,929	1,233,929
2013	665,221	0%	35%	-	232,827	232,827
2013 50%	4,305,295	0%	35%	-	1,506,853	1,506,853
2014	255,733	0%	35%	-	89,507	89,507
2014 50%	5,774,984	0%	35%	-	2,021,244	2,021,244
2014 EXP	-	0%	35%	-	-	-
2015	16,546,099	0%	35%	-	5,791,135	5,791,135
2015 50%	67,887,210	0%	35%	-	23,760,524	23,760,524
2015 EXP	(1,681,311)	0%	35%	-	(588,459)	(588,459)
	$ 109,442,805			$ -	$ 38,304,982	$ 38,304,982
Provision Gain/Loasaa Page (6)				$ -	$ 507,669	$ 507,669
Provision				$ -	$ 38,812,651	$ 38,812,651

WEST PENN POWER
Computation of Deferred Income Taxes
Basad upon Electric Plant in Service January, 2015 - December, 2015

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
1970	$ -	0%	0%	$ -	$ -	$ -
1971	(560)	0%	41%	-	(232)	(232)
1972	21	0%	41%	-	9	9
1973	-	0%	0%	-	-	-
1974	(0)	0%	0%	-	-	-
1975	(481)	0%	40%	-	(195)	(195)
1976	(0)	0%	0%	-	-	-
1977	(474)	0%	40%	-	(189)	(189)
1978	0	0%	0%	-	-	-
1979	(3,399)	0%	39%	-	(1,328)	(1,328)
1981	(740,242)	0%	40%	-	(297,357)	(297,357)
1982	(106,291)	0%	40%	-	(42,167)	(42,167)
1983	(704,511)	0%	39%	-	(272,320)	(272,320)
1984	(543,775)	0%	38%	-	(205,102)	(205,102)
1985	(703,464)	0%	37%	-	(259,004)	(259,004)
1986	(329,792)	0%	36%	-	(118,081)	(118,081)
1987	(4,019)	0%	30%	-	(1,216)	(1,216)
1987 Q1	(134,199)	0%	35%	-	(47,616)	(47,616)
1987 Q2	(56,768)	0%	35%	-	(20,088)	(20,088)
1987 Q3	(139,882)	0%	35%	-	(49,360)	(49,360)
1987 Q4	(316,164)	0%	37%	-	(116,007)	(116,007)
1988	(786,977)	0%	35%	-	(273,052)	(273,052)
1989	(1,731,692)	0%	35%	-	(602,270)	(602,270)
1990	(1,407,613)	0%	35%	-	(489,740)	(489,740)
1991	(844,366)	0%	35%	-	(294,636)	(294,636)
1992	(1,029,659)	0%	35%	-	(359,974)	(359,974)
1993	(97,432)	0%	35%	-	(34,101)	(34,101)
1993 Q1	(351,755)	0%	35%	-	(123,114)	(123,114)
1993 Q2	(217,248)	0%	35%	-	(76,037)	(76,037)
1993 Q3	(284,560)	0%	35%	-	(99,596)	(99,596)
1993 Q4	(846,981)	0%	35%	-	(296,443)	(296,443)
1994	(956,436)	0%	35%	-	(334,753)	(334,753)
1995	(357,992)	0%	35%	-	(125,297)	(125,297)
1996	(282,870)	0%	35%	-	(89,005)	(99,005)
1997	(283,429)	0%	35%	-	(99,200)	(99,200)
1998	(668,764)	0%	35%	-	(234,067)	(234,067)
1999	(94,837)	0%	35%	-	(33,193)	(33,193)
1999 Q1	16,076	0%	35%	-	5,627	5,627
1999 Q2	(38,178)	0%	35%	-	(13,362)	(13,362)
1999 Q3	22,368	0%	35%	-	7,829	7,829
1999 Q4	155,702	0%	35%	-	54,496	54,496
2000	(627,023)	0%	35%	-	(219,458)	(219,458)
2001	(267,338)	0%	35%	-	(93,568)	(93,568)
2001 JCA	311	0%	35%	-	109	109
2002	(233,160)	0%	35%	-	(81,606)	(81,606)
2002 30%	(0)	0%	0%	-	-	-
2002 JCA	608,816	0%	35%	-	213,086	213,086
2003	0	0%	0%	-	-	-
2003 30%	13,017	0%	35%	-	4,556	4,556

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
2003 50%	58,594	0%	35%	-	20,508	20,508
2003 NQ	(715,739)	0%	35%	-	(250,509)	(250,509)
2004	0	0%	0%	-	-	-
2004 30%	292	0%	35%	-	102	102
2004 50%	209,248	0%	35%	-	73,237	73,237
2004 NQ	(535,701)	0%	35%	-	(187,495)	(187,495)
2005	(951,445)	0%	35%	-	(333,006)	(333,006)
2006	(40,496)	0%	35%	-	(14,174)	(14,174)
2007	906,519	0%	21%	-	188,620	188,620
2007 Q1	(32,623)	0%	35%	-	(11,418)	(11,418)
2007 Q2	(784)	0%	35%	-	(274)	(274)
2007 Q3	67,278	0%	35%	-	23,547	23,547
2007 Q4	(55,838)	0%	35%	-	(19,543)	(19,543)
2008	(44,828)	0%	35%	-	(15,690)	(15,690)
2008 50%	(306,473)	0%	35%	-	(107,265)	(107,265)
2008 NQ	(1,247,328)	0%	35%	-	(436,565)	(436,565)
2009	(25,772)	0%	35%	-	(9,020)	(9,020)
2009 NQ	(311,230)	0%	35%	-	(108,931)	(108,931)
2009 Q1 50%	2,731	0%	35%	-	956	956
2009 Q1 NQ	20	0%	35%	-	7	7
2009 Q2 50%	(272,342)	0%	35%	-	(95,320)	(95,320)
2009 Q2 NQ	6,526	0%	35%	-	2,284	2,284
2009 Q3 50%	50,652	0%	35%	-	17,728	17,728
2009 Q3 NQ	(8,021)	0%	35%	-	(2,807)	(2,807)
2009 Q4 50%	74,411	0%	35%	-	26,044	26,044
2009 Q4 NQ	(3,837)	0%	35%	-	(1,343)	(1,343)
2010	(34,682)	0%	35%	-	(12,139)	(12,139)
2010 100%	(985,193)	0%	35%	-	(344,817)	(344,817)
2010 50%	(359,574)	0%	35%	-	(125,851)	(125,851)
2010 NQ	(455,170)	0%	35%	-	(159,309)	(159,309)
2011	(6,139)	0%	35%	-	(2,149)	(2,149)
2011 100%	(7,585,562)	0%	35%	-	(2,654,947)	(2,654,947)
2011 50%	(963,641)	0%	35%	-	(337,274)	(337,274)
2012	(697,968)	0%	35%	-	(244,289)	(244,289)
2012 50%	2,266,910	0%	35%	-	793,419	793,419
2013	(425,013)	0%	35%	-	(148,756)	(148,756)
2013 50%	(2,787,636)	0%	35%	-	(975,673)	(975,673)
2014	(415,594)	0%	35%	-	(145,458)	(145,458)
2014 50%	(2,481,302)	0%	35%	-	(868,456)	(868,456)
2014 EXP	315,631	0%	35%	-	110,471	110,471
2015	236,842	0%	35%	-	82,895	82,895
2015 50%	(352,282)	0%	35%	-	(123,299)	(123,299)
2015 EXP	22,497	0%	35%	-	7,874	7,874
Reversal	$ (32,260,088)			$ -	$ (11,515,108)	$ (11,515,108)
Total Net Provison				$ -	$ 27,297,543	$ 27,297,543

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2015 - December, 2015
Deferred Income Taxes Related to Gains/Losses

Vintage Year	Per Power Tax Report 52 Basis of Property	Accumulated Tax Depreciation	(Gain)/Loss recognized	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
	1	2	3	4	5	6 = 3 x 4	7 =3 x 5	8 = 6+7
Provision - 1/15-12/15								
1987	$ (5,442)	$ (4,814)	$ (628)	0%	35%	$ -	$ (220)	$ (220)
1987 Q1	3,290	3,290	-	0%	35%	-	-	-
1987 Q2	1,392	1,392	-	0%	35%	-	-	-
1987 Q3	3,429	3,429	-	0%	35%	-	-	-
1987 Q4	4,575,707	4,575,707	-	0%	35%	-	-	-
1988	16,962	16,962	-	0%	35%	-	-	-
1989	106,900	104,373	2,526	0%	35%	-	884	884
1990	64,089	55,074	9,015	0%	35%	-	3,155	3,155
1991	32,995	33,155	(160)	0%	35%	-	(56)	(56)
1992	67,880	29,925	37,956	0%	35%	-	13,285	13,285
1993 Q1	5,650	5,650	-	0%	35%	-	-	-
1993 Q2	3,574	3,574	-	0%	35%	-	-	-
1993 Q3	4,766	4,766	-	0%	35%	-	-	-
1993 Q4	13,613	13,613	-	0%	35%	-	-	-
1994	36,043	34,993	1,050	0%	35%	-	368	368
1995	30,008	29,683	325	0%	35%	-	114	114
1996	49,675	47,459	2,216	0%	35%	-	776	776
1997	57,851	53,959	3,892	0%	35%	-	1,362	1,362
1998	197,599	173,352	24,247	0%	35%	-	8,486	8,486
1999 Q1	6,927	6,518	408	0%	35%	-	143	143
1999 Q2	2,870	2,374	496	0%	35%	-	174	174
1999 Q3	6,068	5,314	754	0%	35%	-	264	264
1999 Q4	4,460	3,590	870	0%	35%	-	304	304
2000	152,889	125,522	27,368	0%	35%	-	9,579	9,579
2001	50,105	41,136	8,968	0%	35%	-	3,139	3,139
2001 JCA	90	66	24	0%	35%	-	8	8
2002 JCA	699,018	692,566	6,452	0%	35%	-	2,258	2,258
2003 30%	8,681	8,563	118	0%	35%	-	41	41
2003 50%	1,114	1,010	105	0%	35%	-	37	37
2003 NQ	849	814	34	0%	35%	-	12	12
2004 30%	39	23	16	0%	35%	-	5	5
2004 50%	34,437	22,957	11,480	0%	35%	-	4,018	4,018
2004 NQ	(76)	(46)	(31)	0%	35%	-	(11)	(11)
2005	72,240	45,079	27,161	0%	35%	-	9,506	9,506
2006	167,901	128,129	39,771	0%	35%	-	13,920	13,920
2007	24,627	4,999	19,628	0%	35%	-	6,870	6,870
2007 Q1	141,050	123,837	17,214	0%	35%	-	6,025	6,025
2007 Q2	47,837	23,302	24,535	0%	35%	-	8,587	8,587
2007 Q3	142,820	114,798	28,022	0%	35%	-	9,808	9,808
2007 Q4	97,949	72,600	25,350	0%	35%	-	8,872	8,872
2008 50%	243,541	117,312	126,229	0%	35%	-	44,180	44,180
2008 NQ	118,574	66,823	51,750	0%	35%	-	18,113	18,113
2009 Q1 50%	20,947	17,863	3,084	0%	35%	-	1,079	1,079
2009 Q1 NQ	2,591	418	2,173	0%	35%	-	761	761
2009 Q2 50%	14,802	11,443	3,360	0%	35%	-	1,176	1,176
2009 Q2 NQ	61	9	51	0%	35%	-	18	18
2009 Q3 50%	5,699	2,470	3,229	0%	35%	-	1,130	1,130
2009 Q3 NQ	1,364	202	1,161	0%	35%	-	406	406
2009 Q4 50%	5,930	2,818	3,112	0%	35%	-	1,089	1,089
2009 Q4 NQ	2,670	386	2,284	0%	35%	-	799	799
2010 100%	-	-	-	0%	35%	-	-	-
2010 50%	45,175	17,188	27,987	0%	35%	-	9,795	9,795
2011	314	77	237	0%	35%	-	83	83
2011 100%	-	-	-	0%	35%	-	-	-
2011 50%	754	(65)	820	0%	35%	-	287	287
2012	(24,992)	(4,980)	(20,012)	0%	35%	-	(7,004)	(7,004)
2012 50%	222,468	48,598	173,870	0%	35%	-	60,854	60,854
2013	82,727	11,583	71,144	0%	35%	-	24,901	24,901
2013 50%	372,602	106,928	265,673	0%	35%	-	92,986	92,986
2014	44,075	1,809	42,266	0%	35%	-	14,793	14,793
2014 50%	337,974	60,305	277,669	0%	35%	-	97,184	97,184
2015	(2,933)	-	(2,933)	0%	35%	-	(1,026)	(1,026)
2015 50%	98,146	-	98,146	0%	35%	-	34,351	34,351
Provision - (gains/losses)							$ 507,669	$ 507,669

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

Provision:	Vintage Year	Deferral of Taxes State	Deferral of Taxes Federal	Deferral of Taxes Total	Pro Forma Under Present Rates Normalizing Adjustments	Pro Forma Under Present Rates Total
	1970	$ -	$ -	$ -	$	$ -
	1971	-	-	-		-
	1972	-	-	-		-
	1973	-	-	-		-
	1974	-	(199)	(199)		(199)
	1975	-	-	-		-
	1976	-	(327)	(327)		(327)
	1977	-	-	-		-
	1978	-	(579)	(579)		(579)
	1979	-	-	-		-
	1981	-	-	-		-
	1982	-	5,933	5,933		5,933
	1983	-	-	-		-
	1984	-	-	-		-
	1985	-	-	-		-
	1986	-	-	-		-
	1987	-	(795)	(795)		(795)
	1987 Q1	-	-	-		-
	1987 Q2	-	-	-		-
	1987 Q3	-	-	-		-
	1987 Q4	-	-	-		-
	1988	-	(540)	(540)		(540)
	1989	-	(63,115)	(63,115)		(63,115)
	1990	-	(23,006)	(23,006)		(23,006)
	1991	-	(8,324)	(8,324)		(8,324)
	1992	-	(9,201)	(9,201)		(9,201)
	1993	-	(1,285)	(1,285)		(1,285)
	1993 Q1	-	56	56		56
	1993 Q2	-	40	40		40
	1993 Q3	-	1	1		1
	1993 Q4	-	-	-		-
	1994	-	(19,768)	(19,768)		(19,768)
	1995	-	(30,651)	(30,651)		(30,651)
	1996	-	77,942	77,942		77,942
	1997	-	484,197	484,197		484,197
	1998	-	547,890	547,890		547,890
	1999	-	(16,390)	(16,390)		(16,390)
	1999 Q1	-	107,032	107,032		107,032
	1999 Q2	-	127,106	127,106		127,106
	1999 Q3	-	175,781	175,781		175,781
	1999 Q4	-	180,368	180,368		180,368
	2000	-	313,219	313,219		313,219
	2001	-	305,977	305,977		305,977
	2001 JCA	-	261	261		261
	2002	-	(28,532)	(28,532)		(28,532)
	2002 30%	-	(10,637)	(10,637)		(10,637)
	2002 JCA	-	127,015	127,015		127,015
	2003	-	(2,647)	(2,647)		(2,647)
	2003 30%	-	45,603	45,603		45,603
	2003 50%	-	1,030	1,030		1,030
	2003 NQ	-	20,826	20,826		20,826
	2004	-	(2,909)	(2,909)		(2,909)
	2004 30%	-	443	443		443
	2004 50%	-	46,681	46,681		46,681
	2004 NQ	-	(14,583)	(14,583)		(14,583)
	2005	-	549,721	549,721		549,721
	2006	-	504,075	504,075		504,075
	2007	-	(139,430)	(139,430)		(139,430)
	2007 Q1	-	122,066	122,066		122,066
	2007 Q2	-	154,934	154,934		154,934
	2007 Q3	-	201,590	201,590		201,590
	2007 Q4	-	131,937	131,937		131,937
	2008	-	-	-		-
	2008 50%	-	78,556	78,556		78,556
	2008 NQ	-	82,226	82,226		82,226
	2009	-	-	-		-
	2009 NQ	-	(81,231)	(81,231)		(81,231)
	2009 Q1 50%	-	37,883	37,883		37,883
	2009 Q1 NQ	-	(4,254)	(4,254)		(4,254)
	2009 Q2 50%	-	-	-		-
	2009 Q2 NQ	-	538	538		538
	2009 Q3 50%	-	-	-		-
	2009 Q3 NQ	-	(979)	(979)		(979)
	2009 Q4 50%	-	-	-		-
	2009 Q4 NQ	-	(6,843)	(6,843)		(6,843)
	2010	-	-	-		-
	2010 100%	-	-	-		-
	2010 50%	-	28,930	28,930		28,930
	2010 NQ	-	(234,514)	(234,514)		(234,514)
	2011	-	(10,000)	(10,000)		(10,000)
	2011 100%	-	-	-		-

WEST PENN POWER
Summary of Deferred Income Texes
Based upon Electric Plant in Service January, 2016 - December, 2016

	Vintege Yeer	Deferrel of Taxes Stete	Federal	Total	Pro Forma Under Present Retes Normalizing Adjustments	Total
Provislon:	2011 50%	-	243	243		243
	2012	-	(289,061)	(289,061)		(289,061)
	2012 50%	-	518,131	518,131		518,131
	2013	-	134,178	134,178		134,178
	2013 50%	-	603,840	603,840		603,840
	2014	-	188,071	188,071		188,071
	2014 50%	-	970,438	970,438		970,438
	2014 EXP	-	-	-		-
	2015	-	158,560	158,560		158,560
	2015 50%	-	1,322,431	1,322,431		1,322,431
	2015 EXP	-	(90,649)	(90,649)		(90,649)
	2016	-	3,532,538	3,532,538		3,532,538
	2016 50%	-	23,288,692	23,288,692		23,288,692
Totel Provision		$ -	$ 34,086,531	$ 34,086,531	$ -	$ 34,086,531

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

	Vintage Year	Deferral of Taxes State	Federel	Totel	Pro Forma Under Present Rates Normalizing Adjustments	Total
Reversal	1970	$ -	$ -	$ -		$ -
	1971	-	(333)	(333)		(333)
	1972	-	11,840	11,840		11,840
	1973	-	-	-		-
	1974	-	-	-		-
	1975	-	(195)	(195)		(195)
	1976	-	-	-		-
	1977	-	(189)	(189)		(189)
	1978	-	-	-		-
	1979	-	(1,328)	(1,328)		(1,328)
	1981	-	(212,520)	(212,520)		(212,520)
	1982	-	(2,112)	(2,112)		(2,112)
	1983	-	(163,273)	(163,273)		(163,273)
	1984	-	(136,041)	(136,041)		(136,041)
	1985	-	(191,851)	(191,851)		(191,851)
	1986	-	(93,805)	(93,805)		(93,805)
	1987	-	(4,730)	(4,730)		(4,730)
	1987 Q1	-	(37,359)	(37,359)		(37,359)
	1987 Q2	-	(15,763)	(15,763)		(15,763)
	1987 Q3	-	(38,739)	(38,739)		(38,739)
	1987 Q4	-	(46,156)	(46,156)		(46,156)
	1988	-	(211,565)	(211,565)		(211,565)
	1989	-	(415,885)	(415,885)		(415,885)
	1990	-	(376,602)	(376,602)		(376,602)
	1991	-	(241,902)	(241,902)		(241,902)
	1992	-	(274,009)	(274,009)		(274,009)
	1993	-	(34,849)	(34,849)		(34,849)
	1993 Q1	-	(94,152)	(94,152)		(94,152)
	1993 Q2	-	(57,822)	(57,822)		(57,822)
	1993 Q3	-	(75,410)	(75,410)		(75,410)
	1993 Q4	-	(226,671)	(226,671)		(226,671)
	1994	-	(269,849)	(269,849)		(269,849)
	1995	-	(365,179)	(365,179)		(365,179)
	1996	-	(118,237)	(118,237)		(118,237)
	1997	-	(107,472)	(107,472)		(107,472)
	1998	-	(229,306)	(229,306)		(229,306)
	1999	-	(34,814)	(34,814)		(34,814)
	1999 Q1	-	2,861	2,861		2,861
	1999 Q2	-	(14,456)	(14,456)		(14,456)
	1999 Q3	-	9,592	9,592		9,592
	1999 Q4	-	66,355	66,355		66,355
	2000	-	(218,857)	(218,857)		(218,857)
	2001	-	(59,535)	(59,535)		(59,535)
	2001 JCA	-	117	117		117
	2002	-	(86,638)	(86,638)		(86,638)
	2002 30%	-	-	-		-
	2002 JCA	-	229,542	229,542		229,542
	2003	-	-	-		-
	2003 30%	-	4,027	4,027		4,027
	2003 50%	-	(3,085)	(3,085)		(3,085)
	2003 NQ	-	(262,547)	(262,547)		(262,547)
	2004	-	-	-		-
	2004 30%	-	117	117		117
	2004 50%	-	79,717	79,717		79,717
	2004 NQ	-	(189,450)	(189,450)		(189,450)
	2005	-	(291,780)	(291,780)		(291,780)

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

	Vintage Year	Deferral of Taxes State	Federal	Total	Pro Forma Under Present Rates Normalizing Adjustments	Total
Reversal	2006	-	63,321	63,321		63,321
	2007	-	89,428	89,428		89,428
	2007 Q1	-	(21,892)	(21,892)		(21,892)
	2007 Q2	-	1,433	1,433		1,433
	2007 Q3	-	31,534	31,534		31,534
	2007 Q4	-	(21,460)	(21,460)		(21,460)
	2008	-	(15,690)	(15,690)		(15,690)
	2008 50%	-	(77,056)	(77,056)		(77,056)
	2008 NQ	-	(402,169)	(402,169)		(402,169)
	2009	-	(9,020)	(9,020)		(9,020)
	2009 NQ	-	(123,033)	(123,033)		(123,033)
	2009 Q1 50%	-	12,991	12,991		12,991
	2009 Q1 NQ	-	(22)	(22)		(22)
	2009 Q2 50%	-	(84,687)	(84,687)		(84,687)
	2009 Q2 NQ	-	1,605	1,605		1,605
	2009 Q3 50%	-	(147)	(147)		(147)
	2009 Q3 NQ	-	(1,993)	(1,993)		(1,993)
	2009 Q4 50%	-	1,127	1,127		1,127
	2009 Q4 NQ	-	(1,232)	(1,232)		(1,232)
	2010	-	(12,139)	(12,139)		(12,139)
	2010 100%	-	(335,134)	(335,134)		(335,134)
	2010 50%	-	(97,053)	(97,053)		(97,053)
	2010 NQ	-	(177,373)	(177,373)		(177,373)
	2011	-	677	677		677
	2011 100%	-	(2,573,703)	(2,573,703)		(2,573,703)
	2011 60%	-	(305,819)	(305,819)		(305,819)
	2012	-	(227,812)	(227,812)		(227,812)
	2012 50%	-	1,222,635	1,222,635		1,222,635
	2013	-	(143,097)	(143,097)		(143,097)
	2013 50%	-	(965,885)	(965,885)		(965,885)
	2014	-	(114,841)	(114,841)		(114,841)
	2014 50%	-	(714,260)	(714,260)		(714,260)
	2014 EXP	-	108,251	108,251		108,251
	2015	-	107,361	107,361		107,361
	2015 50%	-	(237,937)	(237,937)		(237,937)
	2015 EXP	-	16,205	16,205		16,205
	2016	-	(115,116)	(115,116)		(115,116)
	2016 50%	-	10,892	10,892		10,892
Total Reversal		$ -	$ (9,911,405)	$ (9,911,405)	$ -	$ (9,911,405)
Net Provision		$ -	$ 24,175,126	$ 24,175,126	$ -	$ 24,175,126

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Stetutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
1970	$ -	0%	35%	$ -	$ -	$ -
1971	-	0%	35%	-	-	-
1972	-	0%	35%	-	-	-
1973	-	0%	35%	-	-	-
1974	(568)	0%	35%	-	(199)	(199)
1975	-	0%	35%	-	-	-
1976	(934)	0%	35%	-	(327)	(327)
1977	-	0%	35%	-	-	-
1978	(1,654)	0%	35%	-	(579)	(579)
1979	-	0%	35%	-	-	-
1981	-	0%	35%	-	-	-
1982	16,952	0%	35%	-	5,933	5,933
1983	-	0%	35%	-	-	-
1984	-	0%	35%	-	-	-
1985	-	0%	35%	-	-	-
1986	-	0%	35%	-	-	-
1987	(2,270)	0%	35%	-	(795)	(795)
1987 Q1	-	0%	35%	-	-	-
1987 Q2	-	0%	35%	-	-	-
1987 Q3	-	0%	35%	-	-	-
1987 Q4	-	0%	35%	-	-	-
1988	(1,544)	0%	35%	-	(540)	(540)
1989	(180,329)	0%	35%	-	(63,115)	(63,115)
1990	(65,732)	0%	35%	-	(23,006)	(23,006)
1991	(23,782)	0%	35%	-	(8,324)	(8,324)
1992	(26,289)	0%	35%	-	(9,201)	(9,201)
1993	(3,671)	0%	35%	-	(1,285)	(1,285)
1993 Q1	159	0%	35%	-	56	56
1993 Q2	115	0%	35%	-	40	40
1993 Q3	3	0%	35%	-	1	1
1993 Q4	-	0%	35%	-	-	-
1994	(56,479)	0%	35%	-	(19,768)	(19,768)
1995	(87,574)	0%	35%	-	(30,651)	(30,651)
1996	217,191	0%	35%	-	76,017	76,017
1997	1,357,046	0%	35%	-	474,966	474,966
1998	1,512,265	0%	35%	-	529,293	529,293
1999	(46,828)	0%	35%	-	(16,390)	(16,390)
1999 Q1	291,890	0%	35%	-	102,162	102,162
1999 Q2	345,826	0%	35%	-	121,039	121,039
1999 Q3	475,340	0%	35%	-	166,369	166,369
1999 Q4	483,749	0%	35%	-	169,312	169,312
2000	828,394	0%	35%	-	289,938	289,938
2001	867,377	0%	35%	-	303,582	303,582
2001 JCA	746	0%	35%	-	261	261
2002	(81,520)	0%	35%	-	(28,532)	(28,532)
2002 30%	(30,392)	0%	35%	-	(10,637)	(10,637)
2002 JCA	293,775	0%	35%	-	102,821	102,821
2003	(7,562)	0%	35%	-	(2,647)	(2,647)
2003 30%	124,910	0%	35%	-	43,718	43,718
2003 50%	2,452	0%	35%	-	858	858
2003 NQ	60,136	0%	35%	-	21,047	21,047
2004	(8,311)	0%	35%	-	(2,909)	(2,909)
2004 30%	1,265	0%	35%	-	443	443
2004 50%	83,499	0%	35%	-	29,225	29,225
2004 NQ	(41,665)	0%	35%	-	(14,583)	(14,583)
2005	1,423,968	0%	35%	-	498,389	498,389
2006	1,285,607	0%	35%	-	449,962	449,962
2007	(398,371)	0%	35%	-	(139,430)	(139,430)
2007 Q1	316,235	0%	35%	-	110,682	110,682
2007 Q2	406,961	0%	35%	-	142,436	142,436
2007 Q3	511,877	0%	35%	-	179,157	179,157
2007 Q4	344,788	0%	35%	-	120,676	120,676
2008	-	0%	35%	-	-	-
2008 50%	112,025	0%	35%	-	39,209	39,209
2008 NQ	148,688	0%	35%	-	52,041	52,041
2009	-	0%	35%	-	-	-
2009 NQ	(232,089)	0%	35%	-	(81,231)	(81,231)
2009 Q1 50%	55,104	0%	35%	-	19,286	19,286
2009 Q1 NQ	(12,154)	0%	35%	-	(4,254)	(4,254)
2009 Q2 50%	(19,868)	0%	35%	-	(6,954)	(6,954)
2009 Q2 NQ	1,538	0%	35%	-	538	538
2009 Q3 50%	-	0%	35%	-	-	-
2009 Q3 NQ	(2,797)	0%	35%	-	(979)	(979)
2009 Q4 50%	-	0%	35%	-	-	-
2009 Q4 NQ	(19,552)	0%	35%	-	(6,843)	(6,843)

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
2010	-	0%	35%	-	-	-
2010 100%	-	0%	35%	-	-	-
2010 50%	82,557	0%	35%	-	28,930	28,930
2010 NQ	(670,039)	0%	35%	-	(234,514)	(234,514)
2011	(28,571)	0%	35%	-	(10,000)	(10,000)
2011 100%	-	0%	35%	-	-	-
2011 50%	694	0%	35%	-	243	243
2012	(825,890)	0%	35%	-	(289,061)	(289,061)
2012 60%	1,480,375	0%	35%	-	518,131	518,131
2013	383,367	0%	35%	-	134,178	134,178
2013 50%	1,725,256	0%	35%	-	603,840	603,840
2014	537,344	0%	35%	-	188,071	188,071
2014 50%	2,772,680	0%	35%	-	970,438	970,438
2014 EXP	-	0%	35%	-	-	-
2015	453,027	0%	35%	-	158,560	158,560
2015 50%	3,778,373	0%	35%	-	1,322,431	1,322,431
2015 EXP	(258,997)	0%	35%	-	(90,649)	(90,649)
2016	10,092,966	0%	35%	-	3,532,538	3,532,538
2015 50%	66,539,120	0%	35%	-	23,288,692	23,288,692
	$ 96,280,310			$ -	$ 33,698,108	$ 33,698,108
Provision Gains/Losses Page (11)				$ -	$ 388,422	$ 388,422
Provision				$ -	$ 34,086,531	$ 34,086,531

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
1970	$ -	0%	0%	$ -	$ -	$ -
1971	(803)	0%	41%	-	(333)	(333)
1972	33,254	0%	36%	-	11,840	11,840
1973	-	0%	0%	-	-	-
1974	0	0%	0%	-	-	-
1975	(481)	0%	40%	-	(195)	(195)
1976	(0)	0%	0%	-	-	-
1977	(473)	0%	40%	-	(189)	(189)
1978	0	0%	0%	-	-	-
1979	(3,399)	0%	39%	-	(1,328)	(1,328)
1981	(529,690)	0%	0%	-	(212,520)	(212,520)
1982	(5,301)	0%	40%	-	(2,112)	(2,112)
1983	(422,463)	0%	39%	-	(163,273)	(163,273)
1984	(361,059)	0%	38%	-	(136,041)	(136,041)
1985	(521,308)	0%	37%	-	(191,851)	(191,851)
1986	(262,640)	0%	36%	-	(93,805)	(93,805)
1987	(14,051)	0%	34%	-	(4,730)	(4,730)
1987 Q1	(104,633)	0%	36%	-	(37,359)	(37,359)
1987 Q2	(44,261)	0%	36%	-	(15,763)	(15,763)
1987 Q3	(109,064)	0%	36%	-	(38,739)	(38,739)
1987 Q4	(130,282)	0%	35%	-	(46,156)	(46,156)
1988	(610,305)	0%	35%	-	(211,565)	(211,565)
1989	(1,198,582)	0%	35%	-	(415,885)	(415,885)
1990	(1,084,055)	0%	35%	-	(376,602)	(376,602)
1991	(693,738)	0%	35%	-	(241,902)	(241,902)
1992	(784,015)	0%	35%	-	(274,009)	(274,009)
1993	(99,567)	0%	35%	-	(34,849)	(34,849)
1993 Q1	(269,005)	0%	36%	-	(94,152)	(94,152)
1993 Q2	(165,206)	0%	35%	-	(57,822)	(57,822)
1993 Q3	(215,458)	0%	35%	-	(75,410)	(75,410)
1993 Q4	(647,632)	0%	35%	-	(226,671)	(226,671)
1994	(770,998)	0%	35%	-	(269,849)	(269,849)
1995	(1,043,369)	0%	35%	-	(365,179)	(365,179)
1996	(337,820)	0%	35%	-	(118,237)	(118,237)
1997	(307,064)	0%	35%	-	(107,472)	(107,472)
1998	(655,160)	0%	35%	-	(229,306)	(229,306)
1999	(99,468)	0%	35%	-	(34,814)	(34,814)
1999 Q1	8,175	0%	35%	-	2,861	2,861
1999 Q2	(41,303)	0%	35%	-	(14,456)	(14,456)
1999 Q3	27,406	0%	35%	-	9,592	9,592

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant In Service January, 2016 - December, 2016

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Stetutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
1999 Q4	189,586	0%	35%	-	66,355	66,355
2000	(625,304)	0%	35%	-	(218,857)	(218,857)
2001	(170,101)	0%	35%	-	(59,535)	(59,535)
2001 JCA	334	0%	35%	-	117	117
2002	(247,538)	0%	35%	-	(86,638)	(86,638)
2002 30%	(0)	0%	0%	-	-	-
2002 JCA	655,836	0%	35%	-	229,542	229,542
2003	0	0%	0%	-	-	-
2003 30%	11,506	0%	35%	-	4,027	4,027
2003 50%	(8,815)	0%	35%	-	(3,085)	(3,085)
2003 NQ	(750,135)	0%	35%	-	(262,547)	(262,547)
2004	-	0%	0%	-	-	-
2004 30%	334	0%	35%	-	117	117
2004 50%	227,764	0%	35%	-	79,717	79,717
2004 NQ	(541,286)	0%	35%	-	(189,450)	(189,450)
2005	(833,656)	0%	35%	-	(291,780)	(291,780)
2006	180,916	0%	35%	-	63,321	63,321
2007	590,830	0%	15%	-	89,428	89,428
2007 Q1	(62,547)	0%	35%	-	(21,892)	(21,892)
2007 Q2	4,094	0%	35%	-	1,433	1,433
2007 Q3	90,097	0%	35%	-	31,534	31,534
2007 Q4	(61,313)	0%	35%	-	(21,460)	(21,460)
2008	(44,828)	0%	35%	-	(15,690)	(15,690)
2008 50%	(220,160)	0%	35%	-	(77,056)	(77,056)
2008 NQ	(1,149,054)	0%	35%	-	(402,169)	(402,169)
2009	(25,772)	0%	35%	-	(9,020)	(9,020)
2009 NQ	(351,523)	0%	35%	-	(123,033)	(123,033)
2009 Q1 50%	37,117	0%	35%	-	12,991	12,991
2009 Q1 NQ	(63)	0%	35%	-	(22)	(22)
2009 Q2 50%	(241,964)	0%	35%	-	(84,687)	(84,687)
2009 Q2 NQ	4,587	0%	35%	-	1,605	1,605
2009 Q3 50%	(421)	0%	35%	-	(147)	(147)
2009 Q3 NQ	(5,694)	0%	35%	-	(1,993)	(1,993)
2009 Q4 50%	3,221	0%	35%	-	1,127	1,127
2009 Q4 NQ	(3,520)	0%	35%	-	(1,232)	(1,232)
2010	(34,682)	0%	35%	-	(12,139)	(12,139)
2010 100%	(957,525)	0%	35%	-	(335,134)	(335,134)
2010 50%	(277,293)	0%	35%	-	(97,053)	(97,053)
2010 NQ	(506,780)	0%	35%	-	(177,373)	(177,373)
2011	1,935	0%	35%	-	677	677
2011 100%	(7,353,438)	0%	35%	-	(2,573,703)	(2,573,703)
2011 50%	(873,768)	0%	35%	-	(305,819)	(305,819)
2012	(650,893)	0%	35%	-	(227,812)	(227,812)
2012 50%	3,493,242	0%	35%	-	1,222,635	1,222,635
2013	(408,850)	0%	35%	-	(143,097)	(143,097)
2013 50%	(2,759,672)	0%	35%	-	(965,885)	(965,885)
2014	(328,118)	0%	35%	-	(114,841)	(114,841)
2014 50%	(2,040,742)	0%	35%	-	(714,260)	(714,260)
2014 EXP	309,289	0%	35%	-	108,251	108,251
2015	306,747	0%	35%	-	107,361	107,361
2015 50%	(679,820)	0%	35%	-	(237,937)	(237,937)
2015 EXP	46,300	0%	35%	-	16,205	16,205
2016	(328,901)	0%	35%	-	(115,116)	(115,116)
2016 50%	31,121	0%	35%	-	10,892	10,892
Reversal	$ (27,823,142)			$ -	$ (9,911,405)	$ (9,911,405)
Total Net Provison				$ -	$ 24,175,128	$ 24,175,126

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2016 - December, 2016
Deferred Income Taxes Related to Gains/Losses

Vintage Year	Per Power Tax Report 52 Basis of Property	Accumulated Tax Depreciation	(Gain)/Loss recognized	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
	1	2	3	4	5	6 = 3 x 4	7 =3 x 5	8 = 6+7
Provision - 1/16-12/16								
1987 Q1	$ 62,943	$ 62,943	$ -	0%	35%	$ -	$ -	$ -
1987 Q2	26,626	26,626	-	0%	35%	-	-	-
1987 Q3	65,609	65,609	-	0%	35%	-	-	-
1987 Q4	78,401	78,401	-	0%	35%	-	-	-
1988	385,534	385,534	-	0%	35%	-	-	-
1989	569,774	569,774	-	0%	35%	-	-	-
1990	797,014	797,014	-	0%	35%	-	-	-
1991	438,560	438,560	-	0%	35%	-	-	-
1992	467,437	467,437	-	0%	35%	-	-	-
1993 Q1	270,936	270,936	-	0%	35%	-	-	-
1993 Q2	181,382	181,382	-	0%	35%	-	-	-
1993 Q3	134,111	134,111	-	0%	35%	-	-	-
1993 Q4	377,082	377,082	-	0%	35%	-	-	-
1994	475,652	475,652	-	0%	35%	-	-	-
1995	626,110	626,110	-	0%	35%	-	-	-
1996	540,325	534,824	5,501	0%	35%	-	1,925	1,925
1997	853,628	827,254	26,373	0%	35%	-	9,231	9,231
1998	921,631	868,495	53,136	0%	35%	-	18,597	18,597
1999 Q1	118,868	104,954	13,914	0%	35%	-	4,870	4,870
1999 Q2	135,099	117,766	17,334	0%	35%	-	6,067	6,067
1999 Q3	192,930	166,038	26,892	0%	35%	-	9,412	9,412
1999 Q4	209,937	178,349	31,588	0%	35%	-	11,056	11,056
2000	372,729	306,211	66,517	0%	35%	-	23,281	23,281
2001	30,678	23,834	6,844	0%	35%	-	2,395	2,395
2002 JCA	258,222	189,098	69,124	0%	35%	-	24,193	24,193
2003 30%	17,246	11,860	5,386	0%	35%	-	1,885	1,885
2003 50%	1,568	1,078	490	0%	35%	-	171	171
2003 NQ	(2,022)	(1,391)	(632)	0%	35%	-	(221)	(221)
2004 50%	139,733	89,859	49,874	0%	35%	-	17,456	17,456
2005	370,204	223,539	146,665	0%	35%	-	51,333	51,333
2006	438,538	283,931	154,607	0%	35%	-	54,113	54,113
2007 Q1	78,380	45,856	32,525	0%	35%	-	11,384	11,384
2007 Q2	77,427	41,720	35,707	0%	35%	-	12,497	12,497
2007 Q3	150,624	86,530	64,095	0%	35%	-	22,433	22,433
2007 Q4	63,448	31,273	32,175	0%	35%	-	11,261	11,261
2008 50%	209,980	97,560	112,420	0%	35%	-	39,347	39,347
2008 NQ	201,268	115,024	86,244	0%	35%	-	30,185	30,185
2009 Q1 50%	91,561	38,428	53,133	0%	35%	-	18,596	18,596
2009 Q2 50%	34,237	14,369	19,868	0%	35%	-	6,954	6,954
Provision - (gains/losses)							$ 388,422	$ 388,422

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant In Service January, 2017 - December, 2017

Provision:	Vintage Year	Deferral of Taxes State	Federal	Total
	1970	$ -	$ -	$ -
	1971	-	-	-
	1972	-	-	-
	1973	-	-	-
	1974	-	(199)	(199)
	1975	-	(109)	(109)
	1976	-	(327)	(327)
	1977	-	-	-
	1978	-	-	-
	1979	-	-	-
	1981	-	-	-
	1982	-	31,356	31,356
	1983	-	-	-
	1984	-	-	-
	1985	-	-	-
	1986	-	-	-
	1987	-	(795)	(795)
	1987 Q1	-	-	-
	1987 Q2	-	-	-
	1987 Q3	-	-	-
	1987 Q4	-	-	-
	1988	-	(549)	(549)
	1989	-	(27,326)	(27,326)
	1990	-	(19,744)	(19,744)
	1991	-	(8,390)	(8,390)
	1992	-	(9,296)	(9,296)
	1993	-	(1,675)	(1,675)
	1993 Q1	-	-	-
	1993 Q2	-	-	-
	1993 Q3	-	-	-
	1993 Q4	-	-	-
	1994	-	(20,433)	(20,433)
	1995	-	(31,181)	(31,181)
	1996	-	(28,769)	(28,769)
	1997	-	138,908	138,908
	1998	-	555,640	555,640
	1999	-	(16,807)	(16,807)
	1999 Q1	-	113,939	113,939
	1999 Q2	-	135,458	135,458
	1999 Q3	-	187,240	187,240
	1999 Q4	-	190,427	190,427
	2000	-	340,466	340,466
	2001	-	301,687	301,687
	2001 JCA	-	301	301
	2002	-	(29,060)	(29,060)
	2002 30%	-	(10,637)	(10,637)
	2002 JCA	-	92,967	92,967
	2003	-	(2,647)	(2,647)
	2003 30%	-	43,038	43,038
	2003 50%	-	-	-
	2003 NQ	-	17,631	17,631
	2004	-	(2,909)	(2,909)
	2004 30%	-	321	321
	2004 50%	-	22,498	22,498
	2004 NQ	-	(15,152)	(15,152)
	2005	-	532,332	532,332
	2006	-	528,724	528,724
	2007	-	(144,574)	(144,574)
	2007 Q1	-	125,764	125,764
	2007 Q2	-	173,758	173,758
	2007 Q3	-	201,762	201,762
	2007 Q4	-	155,951	155,951
	2008	-	-	-
	2008 50%	-	68,569	68,569
	2008 NQ	-	15,261	15,261
	2009	-	-	-
	2009 NQ	-	(82,189)	(82,189)
	2009 Q1 50%	-	18,050	18,050
	2009 Q1 NQ	-	(3,612)	(3,612)
	2009 Q2 50%	-	-	-
	2009 Q2 NQ	-	(80)	(80)
	2009 Q3 50%	-	-	-
	2009 Q3 NQ	-	(1,735)	(1,735)
	2009 Q4 50%	-	-	-
	2009 Q4 NQ	-	(3,904)	(3,904)
	2010	-	-	-
	2010 100%	-	-	-
	2010 50%	-	-	-
	2010 NQ	-	(211,120)	(211,120)
	2011	-	(10,143)	(10,143)
	2011 100%	-	-	-
	2011 50%	-	-	-
	2012	-	(277,701)	(277,701)
	2012 50%	-	497,603	497,603
	2013	-	110,667	110,667
	2013 50%	-	397,123	397,123
	2014	-	(121,026)	(121,026)
	2014 50%	-	621,906	621,906
	2014 EXP	-	-	-
	2015	-	400,737	400,737
	2015 50%	-	824,716	824,716

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

	Vintage Year	Deferral of Taxes State	Federal	Total
Provision:	2015 EXP	-	(77,432)	(77,432)
	2016	-	1,009,157	1,009,157
	2016 50%	-	1,226,522	1,226,522
	2017	-	1,790,888	1,790,888
	2017 50%	-	25,111,923	25,111,923
Total Provision		$ -	$ 34,823,768	$ 34,823,768

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

	Vintage Year	Deferral of Taxes State	Federal	Total
Reversal	1970	$ -	$ -	$ -
	1971	-	-	-
	1972	-	5,925	5,925
	1973	-	-	-
	1974	-	-	-
	1975	-	(68)	(68)
	1976	-	-	-
	1977	-	(189)	(189)
	1978	-	655	655
	1979	-	(1,329)	(1,329)
	1981	-	(141,820)	(141,820)
	1982	-	-	-
	1983	-	(81,986)	(81,986)
	1984	-	(75,595)	(75,595)
	1985	-	(153,368)	(153,368)
	1986	-	(76,697)	(76,697)
	1987	-	(4,956)	(4,956)
	1987 Q1	-	(31,685)	(31,685)
	1987 Q2	-	(13,370)	(13,370)
	1987 Q3	-	(32,860)	(32,860)
	1987 Q4	-	(39,146)	(39,146)
	1988	-	(179,251)	(179,251)
	1989	-	(345,871)	(345,871)
	1990	-	(322,394)	(322,394)
	1991	-	(206,441)	(206,441)
	1992	-	(233,238)	(233,238)
	1993	-	(33,820)	(33,820)
	1993 Q1	-	(80,230)	(80,230)
	1993 Q2	-	(85,218)	(85,218)
	1993 Q3	-	(63,921)	(63,921)
	1993 Q4	-	(193,007)	(193,007)
	1994	-	(229,576)	(229,576)
	1995	-	(310,530)	(310,530)
	1996	-	(277,233)	(277,233)
	1997	-	(110,659)	(110,659)
	1998	-	(219,824)	(219,824)
	1999	-	(34,395)	(34,395)
	1999 Q1	-	2,818	2,818
	1999 Q2	-	(14,402)	(14,402)
	1999 Q3	-	9,605	9,605
	1999 Q4	-	67,980	67,980
	2000	-	(230,182)	(230,182)
	2001	-	(56,970)	(56,970)
	2001 JCA	-	114	114
	2002	-	(86,117)	(86,117)
	2002 30%	-	-	-
	2002 JCA	-	156,434	156,434
	2003	-	-	-
	2003 30%	-	2,604	2,604
	2003 50%	-	2,728	2,728
	2003 NQ	-	(254,642)	(254,642)
	2004	-	-	-
	2004 30%	-	113	113
	2004 50%	-	18,480	18,480
	2004 NQ	-	(188,938)	(188,938)
	2005	-	(238,636)	(238,636)
	2006	-	(9,208)	(9,208)
	2007	-	(58,641)	(58,641)
	2007 Q1	-	(8,870)	(8,870)
	2007 Q2	-	1,535	1,535
	2007 Q3	-	21,278	21,278
	2007 Q4	-	(13,989)	(13,989)
	2008	-	(15,690)	(15,690)
	2008 50%	-	(9,466)	(9,466)
	2008 NQ	-	(326,581)	(326,581)
	2009	-	(9,020)	(9,020)
	2009 NQ	-	(119,573)	(119,573)
	2009 Q1 50%	-	18,951	18,951
	2009 Q1 NQ	-	749	749
	2009 Q2 50%	-	(71,200)	(71,200)
	2009 Q2 NQ	-	(744)	(744)
	2009 Q3 50%	-	6,575	6,575
	2009 Q3 NQ	-	(3,586)	(3,586)
	2009 Q4 50%	-	11,885	11,885
	2009 Q4 NQ	-	2,718	2,718
	2010	-	(12,139)	(12,139)

WEST PENN POWER
Summary of Deferred Income Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

	Vintage Year	Deferral of Taxes State	Federal	Total
Reversal	2010 100%	-	(353,371)	(353,371)
	2010 50%	-	(152,651)	(152,651)
	2010 NQ	-	(172,859)	(172,859)
	2011	-	678	678
	2011 100%	-	(2,339,398)	(2,339,398)
	2011 50%	-	(252,201)	(252,201)
	2012	-	(226,809)	(226,809)
	2012 50%	-	62,239	62,239
	2013	-	(144,296)	(144,296)
	2013 50%	-	(609,481)	(609,481)
	2014	-	(222,098)	(222,098)
	2014 50%	-	(950,612)	(950,612)
	2014 EXP	-	108,470	108,470
	2015	-	40,233	40,233
	2015 50%	-	(268,809)	(268,809)
	2015 EXP	-	16,069	16,069
	2016	-	(202,830)	(202,830)
	2016 50%	-	24,359	24,359
	2017	-	(30,182)	(30,182)
	2017 50%	-	(48,111)	(48,111)
Total Reversal		$ -	$ (10,697,785)	$ (10,697,785)
Net Provision		$ -	$ 24,125,983	$ 24,125,983

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
1970	$ -	0%	35%	$ -	$ -	$ -
1971	-	0%	35%	-	-	-
1972	-	0%	35%	-	-	-
1973	-	0%	35%	-	-	-
1974	(568)	0%	35%	-	(199)	(199)
1975	(312)	0%	35%	-	(109)	(109)
1976	(934)	0%	35%	-	(327)	(327)
1977	-	0%	35%	-	-	-
1978	-	0%	35%	-	-	-
1979	-	0%	35%	-	-	-
1981	-	0%	35%	-	-	-
1982	89,587	0%	35%	-	31,356	31,356
1983	-	0%	35%	-	-	-
1984	-	0%	35%	-	-	-
1985	-	0%	35%	-	-	-
1986	-	0%	35%	-	-	-
1987	(2,270)	0%	35%	-	(795)	(795)
1987 Q1	-	0%	35%	-	-	-
1987 Q2	-	0%	35%	-	-	-
1987 Q3	-	0%	35%	-	-	-
1987 Q4	-	0%	35%	-	-	-
1988	(1,569)	0%	35%	-	(549)	(549)
1989	(151,175)	0%	35%	-	(52,911)	(52,911)
1990	(62,214)	0%	35%	-	(21,775)	(21,775)
1991	(23,972)	0%	35%	-	(8,390)	(8,390)
1992	(26,559)	0%	35%	-	(9,296)	(9,296)
1993	(4,787)	0%	35%	-	(1,675)	(1,675)
1993 Q1	-	0%	35%	-	-	-
1993 Q2	-	0%	35%	-	-	-
1993 Q3	-	0%	35%	-	-	-
1993 Q4	-	0%	35%	-	-	-
1994	(58,380)	0%	35%	-	(20,433)	(20,433)
1995	(89,088)	0%	35%	-	(31,181)	(31,181)
1996	(82,197)	0%	35%	-	(28,769)	(28,769)
1997	388,266	0%	35%	-	135,893	135,893
1998	1,552,837	0%	35%	-	543,493	543,493
1999	(48,020)	0%	35%	-	(16,807)	(16,807)
1999 Q1	314,289	0%	35%	-	110,001	110,001
1999 Q2	372,256	0%	35%	-	130,290	130,290
1999 Q3	511,085	0%	35%	-	178,880	178,880
1999 Q4	515,041	0%	35%	-	180,264	180,264
2000	907,591	0%	35%	-	317,657	317,657
2001	861,963	0%	35%	-	301,687	301,687
2001 JCA	860	0%	35%	-	301	301
2002	(83,029)	0%	35%	-	(29,060)	(29,060)
2002 30%	(30,392)	0%	35%	-	(10,637)	(10,637)
2002 JCA	265,619	0%	35%	-	92,967	92,967
2003	(7,562)	0%	35%	-	(2,647)	(2,647)
2003 30%	122,965	0%	35%	-	43,038	43,038
2003 50%	-	0%	35%	-	-	-
2003 NQ	50,374	0%	35%	-	17,631	17,631
2004	(8,311)	0%	35%	-	(2,909)	(2,909)
2004 30%	917	0%	35%	-	321	321
2004 50%	64,279	0%	35%	-	22,498	22,498
2004 NQ	(43,291)	0%	35%	-	(15,152)	(15,152)
2005	1,396,104	0%	35%	-	488,636	488,636
2006	1,385,180	0%	35%	-	484,813	484,813
2007	(413,068)	0%	35%	-	(144,574)	(144,574)
2007 Q1	322,403	0%	35%	-	112,841	112,841
2007 Q2	443,592	0%	35%	-	155,257	155,257
2007 Q3	515,839	0%	35%	-	180,544	180,544
2007 Q4	390,513	0%	35%	-	136,680	136,680
2008	-	0%	35%	-	-	-
2008 50%	106,752	0%	35%	-	37,363	37,363
2008 NQ	20,582	0%	35%	-	7,204	7,204
2009	-	0%	35%	-	-	-
2009 NQ	(234,825)	0%	35%	-	(82,189)	(82,189)
2009 Q1 50%	20,150	0%	35%	-	7,053	7,053
2009 Q1 NQ	(10,320)	0%	35%	-	(3,612)	(3,612)

WEST PENN POWER
Computation of Deferred Icome Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Provision						
2009 Q2 50%	-	0%	35%	-	-	-
2009 Q2 NQ	(227)	0%	35%	-	(80)	(80)
2009 Q3 50%	-	0%	35%	-	-	-
2009 Q3 NQ	(4,958)	0%	35%	-	(1,735)	(1,735)
2009 Q4 50%	-	0%	35%	-	-	-
2009 Q4 NQ	(11,155)	0%	35%	-	(3,904)	(3,904)
2010	-	0%	35%	-	-	-
2010 100%	-	0%	35%	-	-	-
2010 50%	-	0%	35%	-	-	-
2010 NQ	(603,201)	0%	35%	-	(211,120)	(211,120)
2011	(28,980)	0%	35%	-	(10,143)	(10,143)
2011 100%	-	0%	35%	-	-	-
2011 50%	-	0%	35%	-	-	-
2012	(793,432)	0%	35%	-	(277,701)	(277,701)
2012 50%	1,421,722	0%	35%	-	497,603	497,603
2013	316,191	0%	35%	-	110,667	110,667
2013 50%	1,130,920	0%	35%	-	395,822	395,822
2014	(345,788)	0%	35%	-	(121,026)	(121,026)
2014 50%	1,776,874	0%	35%	-	621,906	621,906
2014 EXP	-	0%	35%	-	-	-
2015	1,144,964	0%	35%	-	400,737	400,737
2015 50%	2,356,332	0%	35%	-	824,716	824,716
2015 EXP	(221,234)	0%	35%	-	(77,432)	(77,432)
2016	2,883,305	0%	35%	-	1,009,157	1,009,157
2016 50%	3,504,348	0%	35%	-	1,226,522	1,226,522
2017	5,116,823	0%	35%	-	1,790,888	1,790,888
2017 50%	71,748,353	0%	35%	-	25,111,923	25,111,923
	$ 98,627,056			$ -	$ 34,519,469	$ 34,519,469
Provison Gains/Losses Page (18)				**$ -**	**$ 304,298**	**$ 304,298**
Provision				**$ -**	**$ 34,823,768**	**$ 34,823,768**

WEST PENN POWER
Computation of Deferred Icome Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
1970	$ -	0%	0%	$ -	$ -	$ -
1971	-	0%	0%	-	-	-
1972	16,637	0%	36%	-	5,925	5,925
1973	-	0%	0%	-	-	-
1974	(0)	0%	0%	-	-	-
1975	(169)	0%	40%	-	(68)	(68)
1976	(0)	0%	0%	-	-	-
1977	(473)	0%	40%	-	(189)	(189)
1978	1,872	0%	35%	-	655	655
1979	(3,401)	0%	39%	-	(1,329)	(1,329)
1981	(353,597)	0%	0%	-	(141,820)	(141,820)
1982	0.00	0%	0%	-	-	-
1983	(212,129)	0%	39%	-	(81,986)	(81,986)
1984	(201,125)	0%	38%	-	(75,595)	(75,595)
1985	(416,827)	0%	37%	-	(153,368)	(153,368)
1986	(214,785)	0%	36%	-	(76,697)	(76,697)
1987	(14,698)	0%	34%	-	(4,956)	(4,956)
1987 Q1	(88,506)	0%	36%	-	(31,685)	(31,685)
1987 Q2	(37,439)	0%	36%	-	(13,370)	(13,370)
1987 Q3	(92,254)	0%	36%	-	(32,860)	(32,860)
1987 Q4	(110,181)	0%	36%	-	(39,146)	(39,146)
1988	(517,284)	0%	35%	-	(179,251)	(179,251)
1989	(996,824)	0%	35%	-	(345,871)	(345,871)
1990	(928,494)	0%	35%	-	(322,394)	(322,394)
1991	(592,215)	0%	35%	-	(206,441)	(206,441)
1992	(667,543)	0%	35%	-	(233,238)	(233,238)
1993	(96,628)	0%	35%	-	(33,820)	(33,820)

WEST PENN POWER
Computation of Deferred Icome Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017

Vintage Year	Accelerate Tax Depreciation less Straight Line Depreciation	Statutory/ Effective Rates State	Federal	Deferral of Taxes State	Federal	Total
Reversal						
1993 Q1	(229,228)	0%	35%	-	(80,230)	(80,230)
1993 Q2	(243,480)	0%	35%	-	(85,218)	(85,218)
1993 Q3	(182,633)	0%	35%	-	(63,921)	(63,921)
1993 Q4	(551,449)	0%	35%	-	(193,007)	(193,007)
1994	(655,932)	0%	35%	-	(229,576)	(229,576)
1995	(887,228)	0%	35%	-	(310,530)	(310,530)
1996	(792,093)	0%	35%	-	(277,233)	(277,233)
1997	(316,169)	0%	35%	-	(110,659)	(110,659)
1998	(626,070)	0%	35%	-	(219,824)	(219,824)
1999	(98,272)	0%	35%	-	(34,395)	(34,395)
1999 Q1	8,051	0%	35%	-	2,818	2,818
1999 Q2	(41,149)	0%	35%	-	(14,402)	(14,402)
1999 Q3	27,444	0%	35%	-	9,605	9,605
1999 Q4	194,229	0%	35%	-	67,980	67,980
2000	(657,662)	0%	35%	-	(230,182)	(230,182)
2001	(162,772)	0%	35%	-	(56,970)	(56,970)
2001 JCA	325	0%	35%	-	114	114
2002	(246,048)	0%	35%	-	(86,117)	(86,117)
2002 30%	(0)	0%	0%	-	-	-
2002 JCA	446,954	0%	35%	-	156,434	156,434
2003	0	0%	0%	-	-	-
2003 30%	7,440	0%	35%	-	2,604	2,604
2003 50%	7,793	0%	35%	-	2,728	2,728
2003 NQ	(727,549)	0%	35%	-	(254,642)	(254,642)
2004	-	0%	0%	-	-	-
2004 30%	324	0%	35%	-	113	113
2004 50%	52,800	0%	35%	-	18,480	18,480
2004 NQ	(539,823)	0%	35%	-	(188,938)	(188,938)
2005	(681,818)	0%	35%	-	(238,636)	(238,636)
2006	(26,309)	0%	35%	-	(9,208)	(9,208)
2007	(13,851)	0%	430%	-	(58,641)	(58,641)
2007 Q1	(25,343)	0%	35%	-	(8,870)	(8,870)
2007 Q2	4,384	0%	35%	-	1,535	1,535
2007 Q3	60,793	0%	35%	-	21,278	21,278
2007 Q4	(39,968)	0%	35%	-	(13,989)	(13,989)
2008	(44,828)	0%	35%	-	(15,690)	(15,690)
2008 50%	(27,046)	0%	35%	-	(9,466)	(9,466)
2008 NQ	(933,089)	0%	35%	-	(326,581)	(326,581)
2009	(25,772)	0%	35%	-	(9,020)	(9,020)
2009 NQ	(341,638)	0%	35%	-	(119,573)	(119,573)
2009 Q1 50%	54,145	0%	35%	-	18,951	18,951
2009 Q1 NQ	2,139	0%	35%	-	749	749
2009 Q2 50%	(203,430)	0%	35%	-	(71,200)	(71,200)
2009 Q2 NQ	(2,127)	0%	35%	-	(744)	(744)
2009 Q3 50%	18,786	0%	35%	-	6,575	6,575
2009 Q3 NQ	(10,245)	0%	35%	-	(3,586)	(3,586)
2009 Q4 50%	33,958	0%	35%	-	11,885	11,885
2009 Q4 NQ	7,766	0%	35%	-	2,718	2,718
2010	(34,682)	0%	35%	-	(12,139)	(12,139)
2010 100%	(1,009,632)	0%	35%	-	(353,371)	(353,371)
2010 50%	(436,145)	0%	35%	-	(152,651)	(152,651)
2010 NQ	(493,882)	0%	35%	-	(172,859)	(172,859)
2011	1,936	0%	35%	-	678	678
2011 100%	(6,683,995)	0%	35%	-	(2,339,398)	(2,339,398)
2011 50%	(720,575)	0%	35%	-	(252,201)	(252,201)
2012	(648,025)	0%	35%	-	(226,809)	(226,809)
2012 50%	177,827	0%	35%	-	62,239	62,239
2013	(412,273)	0%	35%	-	(144,296)	(144,296)
2013 50%	(1,741,373)	0%	35%	-	(609,481)	(609,481)
2014	(634,567)	0%	35%	-	(222,098)	(222,098)
2014 50%	(2,716,033)	0%	35%	-	(950,612)	(950,612)
2014 EXP	309,914	0%	35%	-	108,470	108,470
2015	114,952	0%	35%	-	40,233	40,233
2015 50%	(768,026)	0%	35%	-	(268,809)	(268,809)
2015 EXP	45,910	0%	35%	-	16,069	16,069
2016	(579,515)	0%	35%	-	(202,830)	(202,830)
2016 50%	69,596	0%	35%	-	24,359	24,359
2017	(86,234)	0%	35%	-	(30,182)	(30,182)
2017 50%	(137,460)	0%	35%	-	(48,111)	(48,111)
Reversal	$ (30,315,834)			$ -	$ (10,697,785)	$ (10,697,785)
Total Net Provison				$ -	$ 24,125,983	$ 24,125,983

WEST PENN POWER
Computation of Deferred Income Taxes
Based upon Electric Plant in Service January, 2017 - December, 2017
Deferred Income Taxes Related to Gains/Losses

Vintage Year	Per Power Tex Report 52 Basis of Property	Accumulated Tax Depreciation	(Gain)/Loss recognized	Statutory/ Effective Rates State	Federal	State	Deferral of Taxes Federal	Total
	1	2	3	4	5	6 = 3 x 4	7 =3 x 5	8 = 6+7
Provision - 1/17-12/17								
1987 Q1	$ 82,223	$ 82,223	$ -	0%	35%	$ -	$ -	$ -
1987 Q2	34,782	34,782	-	0%	35%	-	-	-
1987 Q3	85,705	85,705	-	0%	35%	-	-	-
1987 Q4	102,416	102,416	-	0%	35%	-	-	-
1988	479,989	479,989	-	0%	35%	-	-	-
1989	836,581	763,481	73,100	0%	35%	-	25,585	25,585
1990	797,812	792,009	5,803	0%	35%	-	2,031	2,031
1991	535,815	535,815	-	0%	35%	-	-	-
1992	610,613	610,613	-	0%	35%	-	-	-
1993 Q1	204,441	204,441	-	0%	35%	-	-	-
1993 Q3	172,442	172,442	-	0%	35%	-	-	-
1993 Q4	492,582	492,582	-	0%	35%	-	-	-
1994	621,345	621,345	-	0%	35%	-	-	-
1995	817,889	817,889	-	0%	35%	-	-	-
1996	644,312	644,312	-	0%	35%	-	-	-
1997	772,282	763,669	8,613	0%	35%	-	3,014	3,014
1998	777,892	743,187	34,705	0%	35%	-	12,147	12,147
1999 Q1	205,278	194,026	11,251	0%	35%	-	3,938	3,938
1999 Q2	226,480	211,713	14,767	0%	35%	-	5,168	5,168
1999 Q3	302,025	278,137	23,888	0%	35%	-	8,361	8,361
1999 Q4	274,241	245,204	29,037	0%	35%	-	10,163	10,163
2000	536,972	471,803	65,169	0%	35%	-	22,809	22,809
2005	359,065	234,219	124,846	0%	35%	-	43,696	43,696
2006	312,450	186,990	125,460	0%	35%	-	43,911	43,911
2007 Q1	86,026	49,102	36,923	0%	35%	-	12,923	12,923
2007 Q2	119,944	67,086	52,858	0%	35%	-	18,500	18,500
2007 Q3	134,235	73,613	60,622	0%	35%	-	21,218	21,218
2007 Q4	119,040	63,980	55,060	0%	35%	-	19,271	19,271
2008 50%	181,676	92,515	89,160	0%	35%	-	31,206	31,206
2008 NQ	46,909	23,888	23,021	0%	35%	-	8,057	8,057
2009 Q1 50%	58,688	27,268	31,421	0%	35%	-	10,997	10,997
2013 50%	32,276	28,557	3,718	0%	35%	-	1,301	1,301
Provision - (gains/losses)							$ 304,298	$ 304,298

WEST PENN POWER
($000)

POST 1969 VINTAGES

	Per Power Tax	Pro Forma Under Present Rates Normalization Adjustment	Total
Liberalized Depreciation Deferred Taxes			
Balance per Actuals 12/31/15	$ (411,575)		$ (411,575)
Balance per Actuals 12/31/14	(384,027)		(384,027)
Liberalized Depreciation Activity - January, 2015 to December, 2015	$ (27,548)		$ (27,548)
Net Federal and State Provision	$ 27,548		$ 27,548
Less: Net State Provision (negative)	385		385
Net Federal Provision per Actuals	$ 27,163		$ 27,163
Add: Federal Benefit (increase) of State	135		135
Net Federal - January, 2015 to December, 2015 Provision for Rates	$ 27,298		$ 27,298

POST 1969 VINTAGES

	Per Power Tax	Pro Forma Under Present Rates Normalization Adjustment	Total
Liberalized Depreciation Deferred Taxes			
Balance per Budget 12/31/16	$ (435,868)		$ (435,868)
Balance per Actuals 12/31/15	(411,575)		(411,575)
Liberalized Depreciation Activity - January, 2016 to December, 2016	$ (24,293)		$ (24,293)
Net Federal and State Provision	$ 24,293		$ 24,293
Less: Net State Provision (negative)	181		181
Net Federal Provision per Budget	$ 24,112		$ 24,112
Add: Federal Benefit (increase) of State	63		63
Net Federal - January, 2016 to December, 2016 Provision for Rates	$ 24,175		$ 24,175

POST 1969 VINTAGES

	Per Power Tax	Pro Forma Under Present Rates Normalization Adjustment	Total
Liberalized Depreciation Deferred Taxes			
Balance per Budget 12/31/17	$ (459,484)		$ (459,484)
Balance per Budget 12/31/16	(435,868)		(435,868)
Liberalized Depreciation Activity - January, 2017 to December, 2017	$ (23,616)		$ (23,616)
Net Federal and State Provision	$ 23,616		$ 23,616
Less: Net State Provision (negative)	(785)		(785)
Net Federal Provision per Budget	$ 24,401		$ 24,401
Add: Federal Benefit (increase) of State	(275)		(275)
Net Federal - January, 2017 to December, 2017 Provision for Rates	$ 24,126		$ 24,126

RECONCILIATION OF APB11 ADIT to BALANCE SHEET DEFERRED TAX BALANCES

	West Penn
Balance Sheet (RAD-S4) @ 12/31/14	$ SS2,349
Total APB11 Deferreds on Rollforward Schedule @ 12/31/14	366,2S0
Difference	$ 186,099
Reconciling Items:	
FERC vs Rollforward APB11 Discrepancy	$ (5,776)
Vegetation Management FERC Reclasses	(2,649)
FAS109 related to CWIP	6,484
FAS 109 Gross-Up	80,733
FAS 109 related to Plant in Service	107,307
Total Reconciling Items	$ 186,099
Balance Sheet (RAD-54) @ 12/31/1S	$ 598,990
Total APB11 Deferreds on Rollforward Schedule @ 12/31/15	403,628
Difference	$ 195,362
Reconciling Items:	
CIAC is Booked to Account 190	$ 70,S3S
Tax Interest Capitalized is Booked to Account 190	11,142
FAS 109 Gross-Up	-
FAS 109 related to Plant in Service	106,609
FAS109 related to CWIP	11,660
Vegetation Management FERC Reclasses	(4,S84)
Total Reconciling Items	$ 195,362
Balance Sheet (RAD-S4) @ 12/31/16	$ 628,436
Total APB11 Deferreds on Rollforward Schedule @ 12/31/16	433,073
Difference	$ 195,363
Reconciling Items:	
CIAC is Booked to Account 190	$ 70,S3S
Tax Interest Capitalized is Booked to Account 190	11,143
Vegetation Management FERC Reclasses	(4,S84)
FAS 109 Gross-Up	-
FAS109 related to CWIP	14,168
FAS 109 related to Plant in Service	104,101
Total Reconciling Items	$ 195,363
Balance Sheet (RAD-54) @ 12/31/17	$ 656,786
Total APB11 Deferreds on Rollforward Schedule @ 12/31/17	446,206
Difference	$ 210,S80
Reconciling Items:	
CIAC is Booked to Account 190	$ 70,535
Tax Interest Capitalized is Booked to Account 190	11,143
Vegetation Management FERC Reclasses	(4,S84)
Deferred Tax Pro-Ration on Rollforward Schedule	15,217
FAS 109 Gross-Up	-
FAS109 related to MAIT Transfer	-
FAS109 related to CWIP	15,604
FAS 109 related to Plant in Service	102,66S
Total Reconciling Items	$ 210,S80

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-25:

"Submit a schedule showing a breakdown of accumulated and unamortized investment tax credits, by vintage year and percentage rate, together with calculations supporting the amortized amount claimed as a reduction to pro forma income taxes. Provide details of methods used to write-off the unamortized balances."

RESPONSE:

Investment Tax Credit Balances, Provision and Amortization
(In Thousands)

	4% and 10%
Balance 12/31/2014	$ 7,627
Amortization 2015 Calendar Year	(948)
Balance 12/31/2015	$ 6,679
Amortization 2016 Calendar Year	(948)
Balance 12/31/2016	$ 5,731
Amortization 2017 Calendar Year	(948)
Balance 12/31/2017	$ 4,783

Investment Tax Credit

West Penn Power Company is amortizing the deferred credit previously created by a ratable flow-through to income over the useful life of the property. The Company has been examined by the Internal Revenue Service for the years in which this tax credit originated and is in compliance with paragraph (2) of Section 46(e) of the Internal Revenue Code of 1954, as amended, for allowance, with respect to public utility property, of the credit as allowed by Section 38 of the Code. Section 46(e) provides: (a) to reduce the cost of service for ratemaking purposes or in its regulated books of account by no more than the ratable portion of the credit allowable by Section 38; and (b) not to reduce the base to which its rate of return is applied for ratemaking purposes by any portion of the credit allowable by Section 38.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-26:

"Explain in detail by statement or exhibit the appropriateness of claiming any additional items, not otherwise specifically explained and supported in the statement of operating income."

RESPONSE:

The appropriateness of claiming the various items included in the statement of operating income is explained in the supporting schedules to West Penn Exhibit RAD-2 and the testimony and exhibits of the Company's witnesses.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-D-27:

"If the utility's operations include non-jurisdictional activities, provide a schedule which demonstrates the manner in which rate base and operating income date have been adjusted to develop the jurisdictional test year claim."

RESPONSE:

See the Direct Testimony of Thomas J. Dolezal, West Penn Statement No. 4 and associated exhibits.

WEST PENN POWER COMPANY

FILING REQUIREMENT II-E-1:

"Supply a copy of any budget utilized as a basis for any test year claim, and explain the utility's budgeting process."

RESPONSE:

The FirstEnergy "Budget/Forecast Guidelines" details the items required for the preparation of budgets. See attached West Penn RAD-45 Attachment A for a review of the guidelines.

A copy of the budget utilized for the test year claim is contained in West Penn Exhibit RAD-18.

FirstEnergy

Budget/Forecast Guidelines

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CHAPTER 1: INTRODUCTION

The integrated business planning process is critical to the success of FirstEnergy. A key component of this process is the annual budget which provides a method to quantify and report the current year's expectations and helps drive the enterprise toward achieving both short-term and long-term financial and operational objectives. The budget also helps facilitate the efficient usage of the Company's financial resources and allows FE to measure actual performance against projections.

The guidelines in this booklet are intended to assist persons responsible for direct input of data into the UIPlanner system as they prepare annual budgets and quarterly forecasts. The budget/forecast should be based on the business unit's business plans and should align with Executive Council's expectations.

Business Unit Income Statements will be produced using the UIPlanner report view in addition to QlikView and BW. Budget details will be developed and input using the various SAP cost collectors (i.e. cost centers, internal orders and WBSs). Through interface mapping between UIPlanner and SAP, these cost collectors are assigned to Profit Centers. Once data input is completed and the UIPlanner system is closed, Business Unit Income Statements will be available for review. The Profit Center Hierarchy (PC0001B) serves as the source for the structure of Business Unit Income Statements). Earnings Driver reports which measure the impact and contribution of key items to the financial performance of each Business Unit will also be produced. Any questions concerning these statements should be directed to Mike Kreighbaum (825-2556) or Carrie Wokaty (825-6005).

Note: Budget guideline documentation can be found in U:\Public\Budget Info\Budget

Overview for Budget Input

Planning Must Be Done For The Following:
➢ Gross Payroll (Dollars)
➢ Staffing Level (Headcount) – Coordinate with Short-Term Budget & Forecast - Business Services and Workforce Planning
➢ Other – Than – Labor (OTL)
➢ Activity Input Planning (Hours to Cost Centers, WBSs and Internal Orders)
Versions
Annual/Quarterly Budgeting & Forecasting: ➢ The budget and forecasting process includes a 5 year forecast horizon, current year plus 4 outer years. ➢ Budget/forecast detail planning will be **input** in Version 20 (Working Forecast) ➢ Final Closed detail budget will be in Version 12 unless otherwise noted

Calendar of Events

Forecast Schedule - (6 week forecast period)

Activity

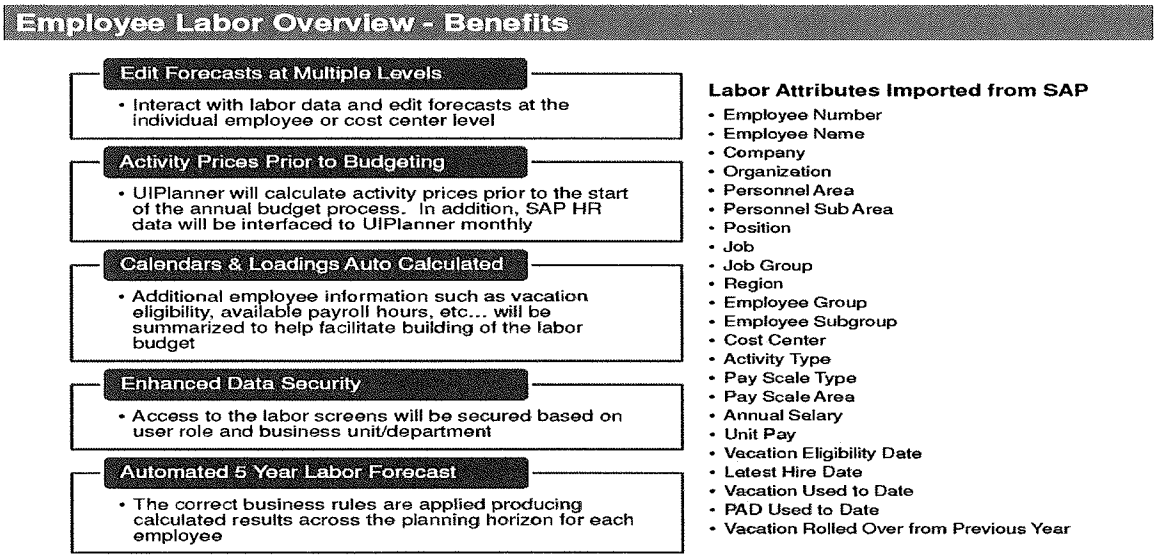
- **Week 1 (UIPlanner available for updates)**
- **Week 2 (Input of all utility related revenues and expenses required for riders/deferrals, first round of check-in meetings)**
- **Week 3 (2nd round of check-in meetings)**
- **Week 4 (Loading of previous months actuals, headcount for payroll due, preliminary income tax review)**
- **Week 5 (Final round of check-in meetings, UIPlanner locked for all edits)**
- **Week 6 (Assistant Controller, Tax and Treasury final review and approval, final system close with FERC and snapshot)**

Throughout the budget cycle you should expect to receive communications as needed to ensure the schedule is met. The purpose of these communications will be to help individuals manage budgeting activities, ensure mid-process completion goals are met, and address any issues that arise during the budget entry period.

CHAPTER 2: LABOR

Straight Time Payroll

Straight time payroll for the 2014 Budget will be developed and input by the Business Units. The budget is based on projected staffing levels and estimated employee salaries based on a regular weekly schedule of 40 hours per week per full-time employee
Adjustments should be made for changes in payroll due to attrition, retirements, promotions, demotions, and all salary adjustments including general wage rate increases. **Annual wage rate increases need to be applied by the Business Units, based on the appropriate rate change and timing.** The assumed wage rate for non-bargaining employees is 3.0%. The non-bargaining WRI should be assumed to be effective September 1, 2014. For bargaining unit employees, the bargaining unit WRI is based on the terms of each union contract.



Overtime Payroll

Costs associated in a given pay week for work exceeding 40 hours. The addition of overtime dollars to the budget should be planned and approved accordingly. Planning for all overtime will be completed by the business units using the appropriate cost elements (based on employee activity type):

520110 Payroll - Overtime Bargaining
520150 Payroll - Overtime Non Bargaining
520151 Payroll - Overtime Temporary Help
520162 Payroll - Overtime Co-Op Student
520163 Payroll - Overtime Part Time Non Barg
520164 Payroll - Overtime Part Time Bargaining

Payroll Overheads

Payroll Overheads – Employee Benefits, Incentive Comp and Payroll Taxes will be applied as an overhead during the closing process. The rates will be determined by General Accounting and input into the SAP costing sheets and interfaced into UIPlanner. After final payroll is determined and all gross benefit costs (medical, dental, prescription drug etc.) overheads will populate into HR benefit cost centers.

Employee Benefits – Benefit costs *will be developed by Human Resources/Corp Budgets & Forecasts* and input into UIPlanner in HR benefit cost centers using the appropriate primary cost elements. Pension and OPEB costs are not included in the Employee Benefits overhead calculation but are applied to capital work as specific capital overheads.

The secondary cost element 850070 – Payroll Overhead Benefits – Straight Time will be used to apply the Benefit overhead on straight time payroll during the budget closing process.

Payroll Taxes - *will be budgeted by Corporate Budgets and Forecasts* and input into UIPlanner in Special Tax cost centers.

The secondary cost element 850080 – Payroll Overhead – Taxes will be used to apply Payroll Tax overhead on straight time and overtime payroll during the closing process.

Incentive Comp - *will be budgeted by Reporting Strategy& Process Management* and input into UIPlanner in Special Incentive Comp cost centers.

The secondary cost element 850090 – Incentive Comp will be used to apply Incentive Comp overhead on straight time and overtime payroll during the closing process.

Payroll Related Items

Other payroll related general ledger accounts/cost elements:

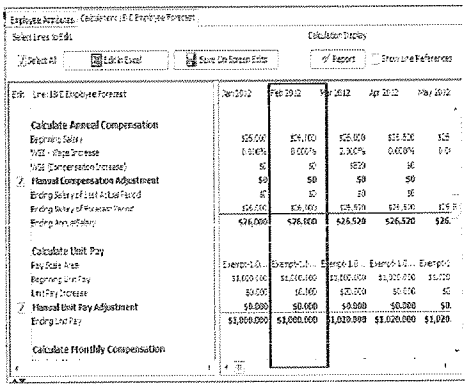
520019 Payroll Retention Bonuses – Budgeted by the Business Unit granting the bonus
520165 Payroll Accrual (Budgeted only by General Accounting)
520250 Payroll Bonuses - Represents annual bonuses and other bonuses awarded throughout the year for special circumstances and are the responsibility of the Business Units
520260 Payroll Additional Comp – MGRK (Budgeted by Business Units where appropriate)
520300 Payroll Restricted Stock (Budgeted only by HR/Corporate Budgets and Forecasts)
520400 Payroll Severance – (Budget only by HR/Corporate Budgets and Forecasts)
520500 Payroll Adjustments to Gross - Examples include retro pay, grievance settlements, remote reporting costs, and relocation expenses not covered by HR (See Relocation Policy found on the Services & Support section of the FirstPlace Portal).

Employee Labor Overview – Calculations

Employee Forecast Calculations

1. Employee Headcount & FTE
2. PAD
3. Vacation
4. Vacation Deferred
5. Unit Pay
   - a. Bi-Weekly (Exempt)
   - b. Hourly (Non-Exempt)
6. Compensation
   - a. Monthly Compensation
   - b. Annual Compensation
   - c. Incentive Compensation Plan
7. Loadings (Admin Maintained)
   - a. Payroll Tax
   - b. Benefits Loading
8. Fully Loaded Compensation
9. Productive Time (Activity Pricing) — Hours Available (for Budget Grid)
10. Overtime Factors

- Select the Calculation Tab
- Listed are the key data fields and activity price calculation
- Only rows highlighted in yellow can be edited



Staffing

Staffing levels (Headcount) **must be input by month**, by individual Cost Center, by individual or activity type. Budget all full-time, part-time, and temporary FE employees on SAP Payroll. **New employees should be budgeted in the month in which they will start**. Do not include contractor/non-FE employees and do not assume all hires begin the month of January.

Activity Input Planning (Hours)

Payroll costs can be moved from the employee or originating cost centers to a target or receiving cost collector (Cost Center, Order or WBS element) by planning productive hours by activity type. The activity price associated with each cost center/activity type combination is calculated and updated by Short-Term Budget & Forecast. These activity prices are then used to produce the standard labor activity allocations.

Unproductive Time – Planning for unproductive time (i.e. sick time, safety meetings, union business, etc.) is not required. These costs remain in the responsible cost center and the unproductive hours and associated costs are incorporated in the calculation of the activity prices.

CHAPTER 3: OTHER THAN LABOR (OTL)

All transactions for non-labor items must contain:

Cost Center
Cost Element
Target Cost Collector – Cost Center, Order, Network or WBS element
Target Cost Collector Type – (KS, OR, PR)
Cost Type (Capital, O&M, Other)

Cost Owner cost center for Other-Than-Labor is defined as the Cost Center with budget responsibility for the expenditure.

Cost Types are defined as follows:

Type 1 Capital - Capital is planned to WBS Elements. WBS Elements are defined as Cost Type 1 if they settle to:

107XXX Construction Work In Progress
108XXX Retirement Work In Progress
Capitalized Nuclear Fuel Accounts
CWIP and RWIP for Non-Utility assets

Type 2 O&M (Income Statement Accounts)

Type 2 is any cost that settles to a Cost Center and becomes part of the Income Statement (predominately O&M but includes revenues, interest income, depreciation etc.)

Type 3 Other

Type 3 charges are any costs that settle to Balance Sheet accounts and are not considered Capital.

Guidelines for General Business Items:

Office Supplies – Cost Element 540100

Stationary type items purchased through Staples or similar vendor, e.g., annual planners and calendars, etc. The budget should be at the department/plant level rather than the cost center level to maintain consistency and control within the business unit.

Telecommunications Equipment and Service – Cost Element 590000
Costs associated with Company approved/provided cellular telephone equipment and associated monthly cellular charges are to be budgeted by cellular user's business unit.

- Basic cellular voice/text service - $50 monthly per telephone.
- Smartphone (iPhone) - $100 monthly per telephone.
- Cellular broadband data service (laptop and MiFi's/HotSpot) - $55 monthly per device.

Business Units should refer to the Computer Peripherals Price List (page 11) to budget for costs associated with purchase of the cellular equipment.

Copies/Multi-functional devices (MFD), Printers, Faxes
Copier/MFD and printer equipment along with maintenance and supplies for general office use are budgeted by IT. Plotter purchase/lease, specialty copiers or printers, fax machines, and associated service/supply costs are to be budgeted by the responsible Business Unit. For special projects, short-term needs, and plant outages the cost for copy, fax, and print devices are to be budgeted by the responsible Business Unit. Contact IT to determine if existing devices may be redeployed for short term needs.
Budget printer equipment to G/L 580020, supplies to 560200, and maintenance to 550300.
Budget copier equipment to G/L 570052, supplies and maintenance to 560200.
Budget fax equipment and supplies to G/L 560200, maintenance to 550300.

Employee Expenses – Cost Element 540000
Miscellaneous expenses as a result of conducting company business not captured in other cost elements and reimbursed through an employee expense report.

Employee Meals – Cost Element 540010
Expensed meals as a result of company business.

Emergency Employee Expense / No Meals – Cost Element 540015
Miscellaneous expenses that were incurred unexpectedly (call-outs, storms, and outages).

Travel Expenses – Cost Element 540101
Expenses incurred while traveling on company business that are not reimbursed through employee expense reports. Each business unit should budget for use of the corporate jet by their employees at the rate of $220 per "one way trip". Example: For one person flying from Akron to Morristown, $220 is charged to the employee's responsible cost center. Persons budgeting for Executive travel will be provided more detailed information separately from these guidelines.

Per Diem – Cost Element 540102
Fixed rate for change in work location, outages, etc. Often used in lieu of meals and possibly other related employee expenses.

Travel Expenses – Corp Jet – Cost Element 540106
Costs associated with use of corporate jet. This cost element is used exclusively by the Flight Operations Group.

Employee Expense – Training – Cost Element 540020
External seminar fees and associated external training expenses.

Training Student Expenses – Cost Element 540103
Student training fees for internal courses coordinated by Human Resources.

Postage – Cost Element 650100

All non-customer mailings/billings, including large packages (UPS, FedEx, Overnight Express, etc) should be budgeted by each Business Unit. Postage for customer related mailings and billings should be budgeted by the Customer Service bill production cost centers.

Other Items:

Application Software Maintenance – Business application software maintenance will be budgeted by IT Business Unit Support. Portfolio Managers will be contacting your department to coordinate budget information and ensure that all maintenance fees are captured.

Banked Vacation – The payout of banked vacation ***should not be budgeted*** by the individual cost centers. It is budgeted by Human Resources/Corp Budgets/Forecasts.

Claims (Payable and Receivable) – The ED Operating Companies should budget for (payable) claims and lawsuits related to distribution facilities (including personal injury, property damage, and vegetation management claims), fleet vehicle accidents, and environmental injuries (such as asbestos) for historical ownership of generating plants, as well as the legal fees and other administrative costs to defend against such claims and lawsuits. The ED Operating Companies should also budget for damages caused to their respective distribution facilities by outside parties; applying offsets by taking into consideration historical recovery amounts achieved through (receivable) claims activities. Generating Plants should budget for anticipated (payable) claims and lawsuits related to their facilities, as well as the legal fees and other administrative costs to defend against such claims and lawsuits.

Company Facilities – Real Estate and Facilities will budget for the maintenance and service contracts for Corporate, FENOC and Fossil. Energy Delivery will budget for all Utility Company facilities. The WBS structure will be utilized for both budgeting and tracking of O&M spend. Budgets will be established using a WBS and WBS Element / Service Categories:

- Landscaping
- Janitorial
- Building Maintenance
- Waste Removal
- Paving repairs
- Elevators
- HVAC
- Roof repairs
- Electrical
- Mechanical Equipment
- Fire Protection
- Construction
- Fences
- Plumbing
- Painting
- Pest Control
- Utilities
- Snow Removal
- Costs will be segregated by line of business (Corporate, FENOC, Fossil, and ED Operating Company)
- Monthly reporting of actuals will include the WBS, the Service Category and Building Cost Center

- This will allow for a direct comparison of Budget to actual spend enabling a monthly view of actuals versus budget.

Real Estate will budget for all building and land leases.

Corporate membership dues and fees, contributions and donations – It is the Company's policy to enter into and maintain Corporate memberships in organizations deemed necessary to maintain professional expertise in various aspects of the Company's operations and to establish and maintain relationships with selected organizations with whom we share common interests. Corporate memberships will be budgeted and processed through the Contributions Department. The company should not pay dues for an employee's individual membership unless the membership is held at the Company's specific request. When this is the case, the dues and any fees or assessments associated with membership should be budgeted in the employee's administrative cost center. Contributions will also be budgeted through the Contributions Department, working with Operating Company management and the Corporate Affairs staff.

Desktop Computer Hardware and Software – Standard PC workstations and laptops are budgeted in IT Client Support based on a fixed replacement cycle (5 years for desktops, 3 years for laptops). **Peripheral equipment is not budgeted in IT.** All peripheral equipment requires director approval, will be ordered by the business unit (not IT) using a specific web site, **and should be budgeted as a purchase in the requesting business unit cost center**. Listed below are some commonly requested peripherals with pricing where applicable.

Computer Peripherals Price List:

Display Options	**Description**	**Vendor / Model**	**Approximate Cost**
For Laptops	Monitors not provided for laptops		n/a
For Desktops	17 inch CRT provided for desktops upon failure of previous unit	See HP or SHI catalog on portal for options.	
Cellular	**Description**	**Vendor / Model**	**Approximate Cost**
Cellular voice/text	Basic cellular handset and standard accessories.	First Communications	$30
iPhone	iPhone and standard accessories.	AT&T, Sprint, Verizon Wireless	$150
Data – MiFi/Hot Spot	Data device.	AT&T, Sprint, Verizon Wireless	$80 - $130
Laptop Options	**Description**	**Vendor / Model**	**Approximate Cost**
Port Replicator for nc8440p/8540p/8460/8470	Part # A7E34AA#ABA	HP	$130
Plotters	**Description**	**Vendor / Model**	**Approximate Cost**
Standard HP Plotter Purchase	Wide Format plotter/printer purchase and install	HP	$6,800
Standard HP Plotter Service	Annual service for HP Plotter	Print Service Provider	$1,654

Educational Assistance – Human Resources/Corp Budgets/Forecasts will budget for these expenses.

Environmental Fees – Permit and environmental reporting fees should be budgeted by each location. The Environmental Dept. will budget for all software maintenance fees associated with the ESC CEM data acquisition systems. The Environmental Department will also budget for all stack and CEM RATA testing including labor, materials and outside test contractors. Questions should be directed to **Brittany Cannato 879-6442**.

EPRI – Business Units should budget for EPRI expenses based on approved programs as well as approved participation in Tailored Collaboration Projects, Co Funding Projects, or Billable Service Agreements (Supplemental Agreements that are in addition to membership selections). Item numbers for EPRI subscriptions will be available from FE Technologies. Subscription payments should be budgeted monthly. Business Units who budget for EPRI should contact **Stephen B. Briggs 825-3870**, for further information.

Fuel – Nuclear: The nuclear fuel expense budget is developed and entered by the Nuclear Fuels group based on generation plans provided by each nuclear unit. Auxiliary boiler and diesel generator fuel is budgeted by each nuclear site and entered by the Nuclear Generation Business Services. Capital nuclear fuel purchases will be budgeted by the Nuclear Fuels group, to appropriate WBS elements. **Fossil:** Coal, Oil (light-off and peaking), natural gas, SO2 allowances, NOX allowances, and reagent requirements will be modeled by the FES Planning & Analysis Group and budgeted by the Fuel Supply Dept., using the plant/unit specific FERC cost centers.

Insurance – Property and liability insurance will be budgeted by Risk Management.

Internal Use of Electricity – The costs of electricity for buildings and power plants owned by FE legal entities within the Competitive Services Unit and Corporate Support Unit, for both generation and non-generation components will be budgeted by **William Shonk (825-5472)** of General Accounting Services in coordination with Customer Service, Retail Tariff Analysis & Forecasting and Facilities Management.

Inter-company Building Rent Revenue/Expense – The inter-company revenue and expense for building rent invoiced between companies will be budgeted by **Richard Snyder (500-6807)** of General Accounting Services and will be based upon building related operation and maintenance costs budgeted by others.

Materials and Equipment – Material costs for direct purchases and stores issues are budgeted directly in the cost center, order or WBS element along with the responsible cost center. An M&S overhead will be applied to stores issues. The Controller's Group will enter the rates into the costing sheets and the system will generate the M&S overheads as part of the budget closing process.

Professional Contractors & Outside Services – Contracted work from professional and outside services vendors should be accounted for using the categories and cost elements established by Business Unit. Please refer to the tables in Chapter 7 for further details.

Revenues – Budgeted revenues must be entered as **negative** numbers.

Sales Tax – Business Units should include sales taxes incurred as part of the purchase price of taxable items in their cost centers.

Medical Surveillance Testing – Occupational Health -The outside vendor costs for employees participating in the FirstEnergy Medical Surveillance Program (Regulatory required) should be budgeted in the individual employee's responsible Cost Center. Each Plant and Operating Company should account for these costs (i.e., regulatory required respirator fitness exams, hearing tests, asbestos and lead physicals, etc.). The Industrial Relations-Health & Safety section will provide specific cost information related to this activity, contact **Timothy Walter 825-1706 or Chuck Fabo 825-5162.**

Drug & Alcohol Testing Program – CDL/DOT, Maritime, Safety Sensitive, Ohio State Project Work, New Hires- The outside vendor costs for employees participating in FirstEnergy's Drug & Alcohol Testing Program (Company and Regulatory required) should be budgeted in the individual employee's responsible Cost Center. Each Plant and Operating Company should account for these

costs in 2014. The Industrial Relations-Health & Safety section will provide specific cost information related to this activity, contact **Timothy Walter 825-1706 or Chuck Fabo 825-5162.**

Industrial Hygiene (IH) Assessments – The outside vendor costs associated with OSHA required routine IH monitoring, including associated laboratory analyses and processing costs, should be budgeted in the individual employee's responsible cost center. Routine monitoring (OSHA required) includes periodic assessment of the following hazards: Noise, Asbestos, Inorganic-arsenic, Lead, Personal Protective Equipment, Confined Space Entry, etc. The Industrial Relations–Health & Safety section will continue to support and budget for special, complex or unique IH assessment needs. Specific cost information related to this budgeting activity will be provided by the Industrial Relations-Health & Safety section, contact **Timothy Walter 825-1706 or Martin Duffy 825-3814.**

Satellite Airtime – The infrastructure cost to provide the service will be paid by IT Network Services. The usage is not an IT cost and should, therefore, be budgeted by the business units at these rates:

BTV broadcasts $800 /hour (Bandwidth 3.0Mb/hr)

Severance – Each Executive Council member is contacted by HR to determine the appropriate level of severance to be budgeted. Cost of severance payments, as determined by HR, will be entered into the SAP system by HR/Corp Budgets/Forecasts.

Supply Chain/Inventory Items – Inventory Adjustments - Each plant and Operating Company should budget for its own storeroom's inventory adjustments. Assets No Longer Used or Useful – Obsolete Inventory - Each location should budget for its own obsolete inventory write-offs. With market value of these items being unknown, it is recommended that Business Units not budget for proceeds from obsolete inventory sales. Assets Other Than Inventory - Investment recovery proceeds from the sale of items will be given to the Business Unit that provided the items. We will use the accounting the Business Unit provides.

Training – Business unit cost centers should budget for on-site classes that support company-wide, employee, or department-specific programs. **The Learning and Development Department (L&D) will budget for the New Supervisor/Manager program. However, the business unit cost centers should budget for associated travel and lodging expense.** Questions should be addressed to **Jacqueline Roth 825-7890.**

The Information Technology Dept (IT) will budget for on-site classes that support company-wide software applications. Business unit cost centers should budget for on-site classes that support department-specific software applications.

Training – External – The cost of external training and seminars, as well as the travel and lodging expenses will be budgeted in the cost center requesting the training.

Transportation – Energy Delivery Transportation costs will be manually planned to appropriate cost collectors using the cost element 545099 – Fleet usage manual plan. The responsible cost center used on the SPL is the appropriate Operating Company transportation contra cost center.

COMPANY	CONTRA COST CENTER	DESCRIPTION
Toledo Edison	416001	Transportation Costs Undist-TE-Wstrn Reg
CEI	426001	Transportation Costs Undist-CE-Nrth Reg
Ohio Edison	406001	Transportation Costs Undist-OE-Cntrl Reg
Ohio Edison	406005	Transportation Costs Undist-OE-Sthrn Reg
Ohio Edison	406003	Transportation Costs Undist-OE-Estrn Reg
Penn Power	436001	Transportation Costs Undist-PP-Estrn Reg
Penelec	456001	Transportation Costs Undist-PN-W PA Reg
Met Ed	446001	Transportation Costs Undist-ME-E PA Reg
JCP&L	466003	Transportation Costs Undist-JC-Nrth Reg
JCP&L	466001	Transportation Costs Undist-JC-Cntrl Reg
West Penn Power	492001	Transportation Costs Undistrib- WP01
Mon Power	470201	Transportation Costs Undistrib - MP01
Potomac Edison	483001	Transportation Costs Undistrib - PE10

The Operating Companies must also plan a credit to the contra cost center in the amount planned out to the cost collectors using the same Responsible Cost Center. The contra cost center should be used as the target cost center for these credits.

Vehicle Leases & Licenses –
Vehicle lease payments should be budgeted, using G/L account 570050 for all Operating Leases and 570075 for all Capital Leases, for the following:

- Fleet Services cost center for Operating Company vehicles, (it is no longer necessary to budget by each department in the Operating Company using the vehicle).
- Each fossil generation plant, each nuclear generation plant, environmental, generation technical services.
- Each non-Operating Company or non-plant department using a vehicle. This would include (but is not limited to): IT, Corporate Transportation, Workforce Development, Administrative Services, T&D Technical Services.

Vehicle licenses should be budgeted, using G/L account 650300, for the following:

- Fleet Services cost center for Operating Company vehicles.
- Each fossil generation plant, each nuclear generation plant, environmental, generation technical services.
- Each non-Operating Company or non-plant department using a vehicle. This would include (but is not limited to): IT, Corporate Transportation, Workforce Development, Administrative Services, T&D Technical Services.

All requests for vehicles and/or power operated equipment should be directed to the Fleet Manager (see below) responsible for the area where the vehicle and/or equipment will be assigned. The Fleet Manager will work with Corporate Fleet Services directly to place the order, etc. Any questions related to this matter should be directed to **Lisa Pfeifer 824-5090**.

Company	Fleet Services Manager	Internal Phone	External Phone
CEI	Bryan Komlos	824-5060	216-295-5060
Toledo Edison	Jeff Burgoon	883-5938	419-249-5938
Ohio Edison/Penn Power	Robert Pyles	835-4099	330-436-4099
West Penn Power	Mike Geitner	365-2020	724-743-2020
Penelec	Bradley Reitmeyer	430-8844	814-868-8844
Met Ed	David Naylor	540-7109	717-848-4109
Mon Power	Kevin McCleary	326-1259	304-488-1259
Potomac Edison	Dale Bohn	300-6425	301-790-6425
JCP&L	Nick Dello Russo	210-2237	973-989-2237

Personal Computer Hardware Items that require direct funding by the Business Units:

Unique, non-standard PC configurations. IT budgets each year for standard notebook and desktop models and configurations. At the time IT approaches a client group to plan for the retirement / replacement of their existing computers, the client group will need to provide the funds to cover any cost above the standard model cost. Funding by the client will be required for special features such as:

- RAM (memory) above the standard configuration
- Higher CPU speeds or multiple CPU's
- Tower model
- Floppy drive (no longer provided on new PCs)
- Video graphic cards
- Extra network interface cards
- Optical or wireless mice or special trackball configurations
- Ergonometric keyboards
- Larger internal or external storage drives or memory sticks
- Port replicators or docking stations
- Second batteries for notebook PCs
- Glare shields
- DC power converters or adapters
- Monitors for notebooks (If you presently have one with your notebook, when it fails, it will not be replaced without business unit funding.)
- Local printer (all printer requests must be forwarded to **David A. Zeigler** for review).

Process related PCs. IT budgets each year for rollover of **20%** of the office desktop PCs and **33%** of the office notebook PCs. PCs that are not typically used by employees, but rather dedicated to a process are not funded out of the PC capital budget. Funding must be provided either within a capital project when these systems are upgraded, or by the business unit. Examples of process PCs include:

- AFSO and MRMS (TPP)
- EMS Consoles
- GMS Consoles
- HVAC controls
- Plant control systems
- Badge readers
- Field equipment testing or data logging PCs
- Special printer, scanner or plotter interfaces
- Cache PCs (pseudo servers)

Off-cycle (premature) replacement PCs. As mentioned earlier, IT budgets each year for rollover of 20% of the office desktop PCs and 33% of the office notebook PCs. The scheduling of replacements is determined by the local Desktop Support team. Should any department require a notebook PC to be replaced sooner than every 3 years, or a desktop model to be replaced sooner than every 5 years, the client group must fund the complete cost of the replacement.

Off-cycle upgrade of a desktop unit to a notebook unit. If an employee, because of their job responsibilities, requires switching from a desktop PC to a notebook PC, the full cost of the new notebook PC must be borne by the business unit if their desktop is not scheduled to be replaced. The exception to this rule is if the business unit still has un-deployed notebook PCs in its annual replacement allotment, the business unit leadership may elect to redirect a yet-to-be-deployed notebook from its pool to the employee in need, at the sacrifice of another employee within the business unit. That impacted employee would then be given the notebook recipient's existing desktop PC.

On-cycle upgrade of a desktop unit to a notebook unit. If an employee, because of their job responsibilities, requires switching from a desktop PC to a notebook PC, and the timing of this need coincides with our replacement schedule, IT will cover the higher cost of the notebook PC. New or replacement notebooks will require director level review and approval. There must be a valid business case for using a notebook model.
Second PCs. If an employee requires more than one PC to perform their job, the full cost of the additional PCs must be borne by the business unit. This includes instances where a hot-standby PC must be provided for a critical function. The exceptions to this rule are console-based PCs, such as those in plant control rooms or regional dispatch centers where 2-3 PCs and/or monitors are part of the console and required for the operator to perform their work. This second PC will be an asset managed and maintained by IT, following the same standards and practices used for IT-funded PCs.

Moves, Adds, Changes (MACs) of Employee Services and Devices at Company Facilities – For all locations other than Shared Services' workspace in Akron General Office and the Reading General Office - Business Units will be responsible for budgeting for their planned moves, adds and changes described below:

- Non-computer equipment, such as telephone sets, headsets, speakerphones etc.
- Install and terminate voice cabling to workstations.
- Creation of the workstations in the telephone system database.
- Cross-connected and install telephone instruments.
- Move telephones to existing or new jack locations.
- Install, terminate, and test data cabling to the workstations.
- Activate data jacks by patching through to data switches.
- Install, terminate, and test inside fiber optic cabling.
- Install and terminate coax cabling for applications such as Satellite for IDL.

This does not include maintenance or repair responsibilities for these items. Normally the moves, adds, and changes are considered an O&M cost, unless they are associated with a major project.

The usual way to schedule moves, adds and changes is to contact your local facilities management team. This team will contact IT Field Operations to arrange for the approved vendors to make your requested changes. MACs that do not require Facilities involvement can be requested by calling the IT Service Desk. Please adjust your 2014 budget to include your facilities plan.

CHAPTER 4: CAPITAL MANAGEMENT PROCESS

FE's capital investments are integral in helping the company achieve operational excellence and financial success. The capital expenditures, are necessary to ensure the reliable generation and distribution of electricity, and compliance with regulatory requirements.

The Capital Planning & Management Process is a formalized process that provides the platform for capital discussions and allocation decisions at all levels of the organization. The process helps senior management effectively understand competing uses for FE's cash, funding requirements for capital investments, and to allocate capital dollars across various business units (ED, FENOC, Fossil, Corporate). Ref. Capital Planning & Management Corporate Policy CP-TPR-6101 and FE 5-year Capital Portfolio Development and Capital Management Procedure (FirstPlace Portal/About FirstEnergy/Policies and Practices/Corporate Policies/Capital Planning & Management.pdf)

Capital Categories:

Mandatory - Non-discretionary investment required by law, regulatory order, or duty to serve customers (e.g. new business). Other required investment to meet externally driven regulatory commitment.

Maintain - Discretionary investment to support and sustain existing infrastructure at existing performance levels. Specific operational performance and financial tracking support these projects (e.g. SAIDI, CAIDI, EFOR).

Improve - Discretionary investment to improve existing infrastructure or performnace levels beyond existing business plan key performance metric commitments. Improvement in specific operational performance and financial benchmark targets support these projects (e.g. SAIDI, EFOR, ROI).

Value - Discretionary, non-recurring investment for a defined initiative which improves or expands existing infrastructure or creates new business opportunities and drives improved economic value.

Capital questions contact:

Business Area	Business Area Contact	Capital Support
Corporate Services - IT	Dave Wolfe (500.6004)	Scott McBride (825.4888)
	Megan Mazza (850-2277)	
Corporate Services - Facilities	Bob Grosjean (825.6393)	
	Paul Shultz (825. 5495)	
Corporate Services - Other	Business Area Management	
FE Utilities/Transmission	Mark Myers (825.7961)	
	Rick Long (500.6820)	
Fossil Generation	Kate Pinkus (850.6820)	
	Lori Sunbury (850.6842)	
FENOC	Kate Pinkus (850.6820)	
	Lori Sunbury (850.6842)	
FES - Other	Steve Monter (850.7269)	
	Trevor Fernandez (850.6851)	

Capital Projects – Only budget capital projects to the level of spending identified in Executive Council guidance

Work Breakdown Structures (WBS) - Labor is budgeted through Activity Input Planning using UIPlanner. Loaded labor costs, which include overheads, are moved from the employee or sending cost center to a WBS element by planning productive hours by activity type. Instructions for Activity Input Planning are located in Chapter 2 - Labor. All 'Other than Labor' costs are input into UIPlanner and must include the cost element and the appropriate responsible cost center. Instructions for input are found in Chapter 3 – OTL.

If new WBSs are created, all master data fields (i.e., costing sheets, project type, interest profiles, settlement rules, etc.) must be entered into UIPlanner. **(See Key Contact appendix, page 26, for names to set up the WBS Master Data.) In all cases, it is critical that the WBS and WBS element start and finish dates be accurate and the WBS should be established at the Company which will own the assets. Departments which complete work for other Companies should cross charge the other Company WBS. Planning must never be entered in months beyond the finish date.** These dates are used by the capital forecast module of UIPlanner to compute and input AFUDC and depreciation and in reporting, including rate cases. All WBSs with settlement rules to asset accounts (CWIP, RWIP & OWIP) require an AFUDC element regardless if the project would qualify for AFUDC.

The status of WBSs must be TECO (Technically Complete), when the project is ready for service. The TECO date is passed to UIPlanner and the project is placed in-service. If a project is suspended or ceases construction the WBS elements should be locked and the status of the project is changed to "suspended" in PowerPlant. The data will pass to UIPlanner and this will shut off the AFUDC calculation. If a project is cancelled existing charges should be transferred to expense, the AFUDC should be reversed and once the charges have been removed from the WBS, the WBS should be 'business closed". **It is important to update the status to TECO on a timely basis since it directly reflects the calculation of AFUDC and the beginning of depreciation in PowerPlant / UIPlanner.**

Construction Indirects (Supervisory, Engineering, Administrative and General Overheads) – Capital costs should be direct charged to the related WBS whenever possible. However, in those cases where certain costs have a proven relationship to construction, an assessment or allocation will be made from predefined cost centers to Operating Company construction indirect cost centers (Supervision, Engineering, and A&G). An example of this would be supervision of an engineering group that supports capital projects overall. A portion of those supervision costs will be allocated to capital using the prescribed process. Rates will be calculated by General Accounting Services for each Operating Company and overhead category and will be applied on the labor and contractor portion of the budgeted WBS elements.

PowerPlant Property Unit Catalog – The PowerPlant Property Unit Catalog should be used to determine what items or activities are capital. Assistance in using the Property Unit Catalog or questionable items should be directed to **Tim Clyde (825-5863)**, Property Accounting Services, prior to inclusion of an item in the budget as capital.

Small Tools and Equipment - Only small tools and equipment greater than $1,000 should be capitalized.

Corporate Facilities will budget for all facility-related Mandatory and Maintain capital project work across FirstEnergy. Each Business Unit will budget for any Value Added or Improve facility related capital work. If there are questions on definition, please refer to the Capital Definitions section.

Vehicles/Power Operated Equipment
When acquiring the equipment identified below, the acquisition should be coordinated with the Corporate Fleet Services Department. The Corporate Fleet Services Department will determine with Treasury whether to purchase or lease the equipment. If the decision is to purchase the equipment, Corporate Fleet Services will purchase the equipment and charge the appropriate capital WBS. The equipment will also be given a vehicle number and tracked in the M5 Fleet System.

All requests for vehicles and/or power operated equipment should be directed to the Fleet Manager (see below) responsible for the area where the vehicle and/or equipment will be assigned. The Fleet Manager will work with Corporate Fleet Services directly to place the order, etc. Any questions related to this matter should be directed to **Lisa Pfeifer 824-4090.**

Company	Fleet Services Manager	Internal Phone	External Phone
CEI	Bryan Komlos	824-5060	216-295-5060
Toledo Edison	Jeff Burgoon	883-5938	419-249-5938
Ohio Edison/Penn Power	Robert Pyles	835-4099	330-436-4099
West Penn Power	Mike Geitner	365-2020	724-743-2020
Penelec	Bradley Reitmeyer	430-8844	814-868-8844
Met Ed	David Naylor	540-7109	717-848-4109
Mon Power	Kevin McCleary	326-1259	304-488-1259
Potomac Edison	Dale Bohn	300-6425	301-790-6425
JCP&L	Nick Dello Russo	210-2237	973-989-2237

Asset Class	Vehicle Type
1	Light Duty - primarily downsize pickups, mini vans, passenger cars & units impacted by EPAct
2	Medium Duty - includes full size pickups, vans, substation vehicles, small stake body trucks, etc
3	Heavy Duty - includes heavy trucks other than aerial units, digger derricks or crane trucks
4	Aerial Trucks - includes all manlift capabilities regardless of size
5	Digger Derrick Trucks - includes all digger derricks
6	Crane Trucks - includes all trucks with cranes mounted on them and licensed. Off road cranes are included in construction equipment
7	Trailers - includes all trailers regardless of size
8	Construction Equipment - includes backhoes, loaders, excavators, off-road cranes, dozers, etc
9	Forklifts, Mowers, Misc - includes forklifts, riding sweepers, scrubbers, snow removal equipment, mowers, ATV's & other.

Office Furniture – The Real Estate and Facilities Department manages and budgets all capital expenditures for furniture as well as maintains an inventory of existing furniture items. The Facilities Section has developed the Workspace Guidelines Policy and receives substantial discounted pricing on all furniture used by the Company.

All requests for furniture should be directed to **Kathy Tatman, Supervisor, Asset Planning** through an e-mail notification. Please base your request on budgeted new hire positions and/or replacement requirements for worn, damaged or obsolete furniture. Any purchases of furniture made outside of this arrangement will not be approved.

Software Costs - The following guidelines should be used for capitalizing computer software costs:

New Computer Software Costs:

- designed as a complete system
- has a life greater than 1 year
- capitalized cost is greater than **$5,000**

Preliminary study costs, data conversions, and training are expensed when installing computer software.

Upgrades and Enhancements of Existing Software:

Upgrades and enhancements of existing software are expensed unless additional functionality is added and the cost is greater than **$5,000** and is a significant upgrade or enhancement.

Questions concerning capitalization of Computer Software items should be discussed with **Tim Clyde (825-5863)**, Property Accounting Services, prior to inclusion in the budget.

Generation Employee Training Costs – All employee training costs should be expensed, **except for Yards Creek.**

IT Projects – Activity allocate appropriate labor charges to IT managed projects that require Business Unit support. *All IT projects created under SC00 WBSs that are for the benefit of other Companies should have settlement rules that settle these costs to other company WBSs*. IT Department should coordinate these projects with the appropriate Business Services group.

Depreciation – The computation and application of depreciation is forecasted in UIPlanner, it is Property Accounting Services responsibility to ensure the accuracy of the forecast.

Major Retirements of Plant – For retirements of plant, in which the estimated original cost exceeds $5 million, the following information is required: the month the item is being retired, the estimated original cost, and a short description of the item being retired. For all other retirements a percentage assumption is applied to all monthly assets in serviced.

Generation Cost of Removal and Salvage – The budgeting of cost of removal and salvage will be performed by Generation. Generation cost of removal is expensed, **except for Yards Creek.**

Energy Delivery (Distribution and Transmission) Cost of Removal and Salvage – The budgeting of distribution and transmission cost of removal and salvage will be performed by Energy Delivery. For Met-Ed, Penelec, Penn Power and West Penn Power and JCP&L, the cost of removal and salvage will be expensed as a component of the depreciation expense in accordance with the current rate making. The planned cost of removal and salvage will settle to Account 403, Depreciation Expense.

CHAPTER 5: INTERCOMPANY TRANSACTIONS

Intercompany transactions are now settled within UIPlanner as part of the model sequence iterative report design and verified by Business Planning and Performance.

Some examples of inter-company transactions include:

- Purchased Power and Revenues including RFP and POLR sales
- Interest Income or Expense from Associated Companies
- Leases including ATSI ground lease
- Internal Use of Company Electricity
- Billings between subsidiaries (Bayshore Power, FE Properties, etc.)

CHAPTER 6: FIRSTENERGY SERVICE COMPANY

Service Company Cost Centers – Budgeting Guidelines:

Direct Charging
When preparing your budget and incurring actual expenditures, it is important to consider who the beneficiary of your services is. Direct charging of time and expenses to the entity for which the services are being rendered is the preferred approach, where possible. To the extent that costs can be readily identified and associated with a specific transaction, the charging of those costs should be directed to the company(ies) receiving the goods or services, even when there is more than one receiving company.

Indirect Charging
Indirect charging through the Service Company assessment process supplements the direct charging of costs. Assessments are used to allocate the costs that were not direct charged from a cost center. Frequently, costs cannot be direct charged because the recipient cannot be readily identified, or excessive administrative expense would result. Indirect charging employs the use of one of FirstEnergy's approved assessment methods. An approved assessment method is assigned to each Service Company cost center. The assessment methodology and the targeted legal entities for the Service Company cost centers can be provided by General Accounting upon request.

Service Company Assessments
Any desired change to organizational structure or revisions to the methodology used to allocate expenses from a Service Company cost center to the other legal entities must be reviewed and approved by **Jason Petrik, Assistant Controller (825-4049)**, prior to the change being implemented. This review process in necessary to insure that inter-company service agreements remain current and valid and that all regulatory requirements are being satisfied.

Budget Reference Material

Key Terms & Concepts

Activity Price
The price calculated for an activity type – used for charging labor hours and transportation usage to cost collectors.

Allocations
Used to: assess shared services costs; move charges to correct legal entity; and/or assign to capital where appropriate.

Assessments
Transactions that allocate costs from Cost Centers to receiver cost objects.

Cost Allocation
Distribution of costs from one collector to another to reflect actual usage or predefined rates.

Costing Sheet
Defines an overhead calculation. Contains the percentages to be applied to the base amount and the collector to be credited.

CREWS (Customer Request Work Scheduling)
Used to estimate and schedule Transmission and Distribution projects.

Customer Care Services (CCS)
The SAP R/3 software module for utility customer information.

BPC (BusinessObjects Planning & Consolidation)
The consolidation module of used for legal consolidation reports.

Financial Accounting Module (FI)
SAP R/3's grouping of financial data required for external reporting purpose such as balance sheet, P&L statements, cash flows, and retained earnings.

Overhead Rate
A surcharge, expressed as a percentage, used to spread indirect costs over a defined base.

Project System (PS) SAP R/3 Module
Module is used to manage large projects. Accounting data used to manage WBS Elements are also located in this module.

Profit Center
Organizational unit that reflects a management-oriented structure for the purpose of internal control and reporting.

Profit Center Accounting (PCA)
A module of SAP used to manage the business by segregating costs and revenues by business units. Measures profitability by profit center or high-level business unit.

Settlement
The SAP process of allocating costs from temporary cost collectors such as orders or WBSs to other cost collectors such as FERC cost centers.

Settlement Rule
Set of instructions that define distribution of costs incurred on a temporary cost object such as an order or WBS.

Key Contacts

By Department:

Area	Key Contact	Responsibility
Corporate Budgets and Forecasts	• Olenger Pannell • Mike Kreighbaum • Mark Dudley • Marita Tatarko • Abigail Nahs	• UIPlanner specific budget system preparations • Updating Activity prices • Communicating the dates and times for budget input • Oversight and management of the annual/multi-year budgeting and forecast processes • Tracking budget status and ensuring completion of key budget mid-point deliverables • Ad-hoc budget related reporting
Business Services and Corporate Business Planning	• Marie Rote • Mike Clemens • Carrie Wokaty	• Corporate Shared Services – budget and forecast coordination and support • HR Benefits and Special Item budgets and forecasts
Capital Management	• Scott McBride	• Capital Management Processes
Controllers Department	• Nancy Kramer • Mike Strozak • Rich Snyder	• Processing/Closing of SAP Plan • Develop and input Costing sheets (overheads) • System Maintenance – Versions, SPL, CO • Accounting Issues
Competitive Business Planning	• Steve Monter	• Generation and Competitive segment forecasting • Budget and forecasting of competitive retail sales, load & revenue
Rates	• Brad Eberts • Denise Mullins	• Development of the Load, MWH Sales, and Wires Forecast • Forecasting of regulated revenue for budgeting
Supply Chain	• David Zeigler	• Personal Printer requests

For SAP/UIPlanner Master Data questions or to set up new Master Data for the Budget/Forecast:

Master Data		
Contact:		
➢ Cost Centers – Nancy Kramer 500-6639; Michael Strozak 500-6554		
➢ Internal Orders – Nancy Kramer 500-6639; Michael Strozak 500-6554		
➢ Cost Elements – Will Blair 825-5866		
➢ WBS Elements – By Business Unit		
Energy Delivery Operating companies: The Illuminating Co Ohio Edison/Penn Power Toledo Edison Jersey Central Met Ed Penelec Mon Power Potomac Edison West Penn ED Finance	 Gregory Werner Eric Weaver Ann Toth Sue Gabel Pete Dragovich Guy Costa Sara Cetorelli Terri Kuhn Marianne Sobota Eric Herrmann	 824-8783 835-4021 883-5016 200-8673 500-6892 430-8874 333-7320 200-8711 350-5847 825-5444
Fossil Generation Group	Katie Pinkus Lori Sunbury	850-6820 850-6842
Nuclear (FENOC)	Katie Pinkus Desiree Etchell	850-6820 850-6842
Information Technology, Security	Mike Clemens	825-5394
Facilities	Mike Clemens	825-5394

	All Other Groups	Mike Czubinski	825-5646

Key Contacts

For Questions by Topic or Business Unit:

Questions or Issue Topic	Name	Phone Number
Inter-company Billings	Mike Kreighbaum	825-2556
General UIPlanner	Mike Kreighbaum Mark Dudley Marita Tatarko Abigail Nahs	825-2556 825-1683 825-4246 825-4180
FE Solutions Fossil Generation Group Nuclear (FENOC)	Steve Monter Mike Kormushoff Katie Pinkus Lori Sunbury Katie Pinkus Lori Sunbury	850-7269 850-7026 850-6820 850-6842 850-6820 850-6842
Records Management/Corporate/Real Estate	Marie Rote	825-3854
Energy Delivery Business The Illuminating Co Ohio Edison/Penn Power Toledo Edison Jersey Central Met Ed Penelec Mon Power Potomac Edison West Penn Utility Support Customer Service & EE (Energy Efficiency)	 Gregory Werner Eric Weaver Ann Toth Sue Gabel Pete Dragoich Guy Costa Sara Cetorelli Clarence Haden Marianne Sobota Eugene DeChellis Rob Wemhoff	 824-8783 835-4021 883-5016 200-8673 500-6892 430-8874 333-7320 300-5218 350-5847 825-7969 825-7981
Finance	Marie Rote	825-3854
General Counsel (Legal, Claims, Communications, Corp. Affairs, Government Affairs)	Marie Rote	825-3854
Human Resources	Marie Rote	825-3854
Information Technology	Mike Clemens	825-5394
Supply Chain Corporate Security, Flight Operations	Mike Clemens Mike Clemens	825-5394 825-5394

Corporate Shared Services – Professional & Contractor Services - Guidelines

GL	GL Short Name	GL Long Name	General Description	CSS Description/Examples
550100	OutContrctProNonLeg	Outside Services/Contractors - Professional Non-Legal	Service Contracts for unique skill-sets that we don't do in-house.	Security Equipment Installation & Investigations, Software Application Consulting/Training, Lobbying Firms, Ethnics Vendors, Expert Legal Witness, and Facility "White" Collar - Engineering, Electrical, etc.
550200	OutContractProLegal	Outside Services/Contractors - Professional Legal	Legal Fees/Legal Expenses	Law Firms Only
550300	OutContract-Other	Outside Services/Contractors - Other	Facilities	Security Guards, Annual Shareholders Meeting, Facility "Blue Collar" Contractors - Janitorial, Landscaping, Snow removal, etc.
550310	OutContractTreeTrim	Outside Services/Contractors - Tree Trim	Major Storm Deferrals	Major Storm Deferrals
550320	OutContractTempAgnc	Time and Material Contractor	Temp hires not managed by a staff service provider.	Guidant, Jet Professionals
550500	ONSITECONSLT/STFFAUG	On-Site Consultants/Staff Augmentation	Managed Service Provider - used to manage co-employment issues	Guidant, Garrettcom Utility Networks
550503	Envrmnt Wrk & Comp	Environmental Work and Compliance	Environmental	Warrenton River Terminal - Environmental

Fossil – Professional & Contractor Services Guidelines (pgs. 26-27)

GL	GL Short Name	GL Long Name	General Description	Fossil Description/Examples
550100	OutContrctProNonLeg	Outside Services/Contractors - Professional Non-Legal	Labor outside of the plants possessing skills/knowledge that the plant does not have.	Examples include: NDE testing, Divers, Hydrochem (hydro blasting), Training Vendors (providing training on and off site), Guest Speakers, Inspection Services, Lab testing/services, Calibration, Non-repair/non-refurbishment of equipment, Welding Inspectors (x-ray team), Screening Systems International, David C Kissig Enterprises Inc., Turbine Services Incorporated, Structural Integrity Associates, Janx, Surveying, Schedulers, Ardmore, Gas line maintenance.
550105	OutsideSrvsContFees	Outside Srvs/Contractors - Profess Conting	Contingency Fees (jefferson wells for example)	Contingency and incentive fees paid to vendors.
550200	OutContractProLegal	Outside Services/Contractors - Professional Legal	Legal Fees/Legal Expenses	FERC relicensing (primarily used by CT/Hydro plants)
550210	OutContractEngineer	Outside Services/Contractors - Engineering	Contractors asked to provide engineering analysis/studies, project support, or technical development that cannot be completed with in-house engineering staff.	Examples include: Monitoring wells, Marland, RE Warner Consultants helping with outages, GE Energy, Kleinschmidt, Alstom, Siemens, Middough, Door maintenance (CT/Hydro).
550300	OutContract-Other	Outside Services/Contractors - Other	Facilities related work	Examples include: Scrap Removal, Janitorial work, Lawn care, Snow removal, Garbage and Sewage removal, HVAC/ Non-Plant Equipment, Sirens maintenance, Building and structures maintenance, General Pest Control, Elevator repairs, Grounds and roads maintenance, Auto Repair, Laundry Services, Fence Repairs,

GL	GL Short Name	GL Long Name	General Description	Fossil Description/Examples
				US Coast Guard, Fire Inspections, Vegetation Management.
550305	OutContract-ProjMgmt	Outside Services/Contractors - Project Mgmt	Consultants providing project management services such as costing reports.	Examples include JR Johnson, Sargent and Lundy.
550335	OutContrRepairRefurb	Outside Services/Contractors - Repair/Refurbishment /Overhaul of Plant Equipment	Off-site labor repairing/refurbishing/replacing plant production equipment.	Examples include: Repair/refurbish valves, motors, circuit boards, etc.; CMT for Motor repairs, Cleveland Valve & Gauge for valves, Columbus Equipment Company, City Machine Technologies Inc., Monarch Electric Service Company, 3-D Service LTD.
550500	ONSITECONSLT/ STFFAUG	On-Site Consultants/Staff Augmentation	Managed Service Provider - used to manage co-employment issues	Example: Guidant
550501	PRIMMNT CONTRCRAFT	Primary Maintenance Contractor - Craft	On-site craft labor	Examples include: Enerfab, outage work/support, GMAs for bringing in Boilermakers, Insulators, Electrical Contractors, Mechanical Contractors, Patent Construction Systems, Enerfab, Burnham Industrial Contractors, McCarl's Incorporated, ERB Electric Company, Crane Inspections.
550503	Envrmnt Wrk & Comp	Environmental Work and Compliance	Contractors working on Environmental projects or performing work in support of Environmental Compliance.	Examples include: any fees, Consulting services, Test monitors, Replace monitors/analyzers, Ash site maintenance, Cleaning spills, air/water waste, Performing lab work.

GL	GL Short Name	GL Long Name	General Description	Fossil Description/Examples
550513	OnSiteContractedLbr	On-Site Contractor Labor	Labor outside of the plants providing "turn-key solutions".	Examples include: Fluor, Stein (preventative maintenance).

Fossil - Project Construction -- Professional & Contractor Services Guidelines

GL	GL Short Name	GL Long Name	General Description	Fossil - Project Construction Description/Examples
550100	OutContrctProNonLeg	Outside Services/Contractors - Professional Non-Legal	Labor outside of FirstEnergy possessing specialized skills/knowledge that we do not have in-house.	Examples include: Print Services, Nurses, Investigation Services, Background Checks/Investigations, Training, Inspection Services.
550105	OutsideSrvsContFees	Outside Srvs/Contractors - Profess Conting	Incentive fees	Examples include: Incentive arrangements, Contractor Shared Savings (for example B&W), Contractor Bonuses and Incentives.
550210	OutContractEngineer	Outside Services/Contractors - Engineering	Contractors asked to provide engineering analysis/studies, project support, or technical development that cannot be completed with in-house engineering staff.	Examples include: Conceptual Designs, Detailed Design Mods, Eng. Studies, Non-Mod, Calculations, Evaluations.
550300	OutContract-Other	Outside Services/Contractors - Other	Facilities related work	Facilities related work such as: Scrap Removal, Janitorial work, Lawn care, Snow removal, Garbage and Sewage removal, HVAC/ Non-Plant Equipment, Sirens maintenance, Building and structures maintenance, General Pest Control, Elevator repairs, Grounds and roads maintenance, Auto Repair, Laundry Services, Fence Repairs, US Coast Guard, Fire Inspections, Vegetation Management.

550305	OutContract-ProjMgmt	Outside Services/Contractors - Project Mgmt	Consultants providing project management services such as costing reports.	Examples include JR Johnson, Sargent and Lundy.
550501	PRIMMNT CONTRCRAFT	Primary Maintenance Contractor - Craft	On-site craft labor	Examples include: Enerfab, GMAs for bringing in Boilermakers, Insulators, Electrical Contractors, Mechanical Contractors.
550513	OnSiteContractedLbr	On-Site Contractor Labor	Fixed price, milestone payment, or other "turn key" type purchase agreement.	Examples include: OEM contracts (B&W), EPC contracts (Bechtel), Patent, ERB, contractors for excavating, painting, etc.

Nuclear – Professional & Contractor Services Guidelines (pgs. 29-30)

GL	GL Short Name	GL Long Name	General Description	FENOC Description/Examples
550100	OutContrctProNonLeg	Outside Services/Contractors - Professional Non-Legal	Service Contracts for Unique skill sets that we don't do in-house	Divers, Vendor Reps, Training Vendors (providing training on and off site), Guest Speakers, Inspection Services, Vendor Source Inspections, Refueling Services, Chemistry Services, RP Services (excluding on-site support), Laundry Services, Management requested contractors/facilitators, Lab testing, Calibration of M&TE, Software customization (firm price), CNRB Members, Investigation Support, TLD Contracts, Supplier List Updates, ANI Support, Corrective Action Program Support, Print Services (Kinkos), Bulk Gas Delivery, Demurrage. Refer to cost element 550513 to ensure correct placement of vendor.
550210	OutContractEngineer	Outside Services/Contractors - Engineering	Engineering Expenses	Engineering support occurring predominantly offsite, Conceptual Design, Detailed Design Mods/ECR, Eng. Studies, Non-Mod, Calculations, Evaluations. Refer to cost element 550513 to ensure correct placement of vendor.
550300	OutContract-Other	Outside Services/Contractors - Other	Other	Lawn care and Snow removal, Garbage and Sewage removal, HVAC/ Non-Plant Equipment, Sirens (Maintenance), Building, Structures, Beta Security, Security Range Maintenance, General Pest Control. Refer to cost element 550513 to ensure correct placement of vendor.

GL	GL Short Name	GL Long Name	General Description	FENOC Description/Examples
550325	OutContractRadwstDsp	Outside Services/Contractors - Radwaste	FENOC specific	Transportation, Burial, Compacting, Processing and Analysis/Characterization of radwaste. Refer to cost element 550513 to ensure correct placement of resource.
550335	OutContrRepairRefurb	Outside Services/Contractors - Repair/Refurbishment /Overhaul of Plant Equipment	Self-explanatory - see FENOC Description	Repair/refurbish valves, motors, circuit boards, etc. Security Repairs (Target Systems, Scope, NVG units), Beta test equipment. Refer to cost element 550513 to ensure correct placement of vendor.

GL	GL Short Name	GL Long Name	General Description	FENOC Description/Examples
550500	ONSITECONSLT/ STFFAUG	On-Site Consultants/Staff Augmentation	Managed Service Provider - used to manage co-employment issues	Guidant
550501	PRIMMNT CONTRCRAFT	Primary Maintenance Contractor - Craft	Interfab/Day Zimmerman/etc	NPS contracted labor, site manager, administrative personnel.
550502	TIME&MATCONTR	Time and Material Contractor	Primary Security Contractor	Subcontracted outside security for Beaver Valley (Burns and Securitas).
550513	OnSiteContractedLbr	On-Site Contractor Labor	Goes back into capital allocation process for FENOC.	Contracted workers that are on site for a **continuous** period of 5 days or greater. Construction contractors other than NPS or Guidant that are brought on site to support a specific PRC, MERP, or outage project as identified by project managers. Contracted workers that are on site for a continuous period of time (e.g. 5 or greater continuous days i.e. Janitorial services). Part of fixed price, milestone payment, or other "turn key" type purchase agreement which represents the portion that is contract labor and performed on-site. Examples of included services are: Maxcom (telecommunication support), Assessment team support, Root Cause support, DZ Atlantic Group/Bartlett (RP Support), contractor Site Managers (with the exception of NPS). Excludes services with total annual cost <$15k, any materials included in the contract, and services provided on an "as needed" basis.

Energy Delivery – Professional & Contractor Services Guidelines

GL	GL Short Name	GL Long Name	General Description	FEU Description/Examples
550100	OutContrctProNonLeg	Outside Services/Contractors - Professional Non-Legal	Service Contracts for Unique skill sets that we don't do in-house	OSI inbound calling, Vendor services, Training
550210	OutContractEngineer	Outside Services/Contractors - Engineering	Engineering Expenses	Off-site engineering that is primarily in Transmission and Substation voltages.
550300	OutContract-Other	Outside Services/Contractors - Other	Other	Storms, Transmission aerial inspections, Facility improvements, Cable locating, Grass cutting, Snow removal, Janitorial, Heating, and Electrical repair
550310	OutContractTreeTrim	Outside Services/Contractors - Tree Trim	Tree trimming	Vegetation management
550320	OutContractTempAgnc	Outside Services/Contractors - Temporary	Temp hires not managed by a staff service provider.	Flaggers (Traffic control), Safety audits, Call-Center Temp Workers
550330	OutContrctEngDrawing	Outside Services/Contractors - Engineering Drawings	Engineering Drawings	Lightly used. Outside drafting distribution work. Roll into 550210.
550335	OutContrRepairRefurb	Outside Services/Contractors - Repair/Refurbishment/Overhaul of Plant Equipment	Outside Services/Contractors - Repair/Refurbishment/Overhaul of Plant Equipment	Outside Services/Contractors - Repair/Refurbishment/Overhaul of Plant Equipment
550500	ONSITECONSLT/ STFFAUG	On-Site Consultants/Staff Augmentation	Managed Service Provider	Guidant
550503	Envrmnt Wrk & Comp	Environmental Work and Compliance	Environmental	Claims follow-ups, Oil testing, and Clean-ups.
550506	CollAgencyCreditBur	Collection Agency - Credit Bureau	Collection Agencies	Revenue operations collections.

WEST PENN POWER COMPANY

Original Cost of Plant, Reserves and Accruals by Functions for Fully Projected Future Test Year Ending 3/31/2016

FILING REQUIREMENT V-A-1:

"Provide schedules supporting claimed amounts for Electric Plant in Service by function and by account if available."

FILING REQUIREMENT V-A-2:

"Provide a comparison of calculated depreciation reserve versus book reserve at the end of the test year. Provide this comparison by functional group and by account if available."

FILING REQUIREMENT V-B-1:

"Provide a comparison of calculated depreciation accruals versus book accruals by function and by account if available."

FILING REQUIREMENT V-D-1:

"Provide the surviving original cost plant at the appropriated test year date or dates by account and functional property group and include claimed depreciation reserves. Provide annual depreciation accruals where appropriate. These calculations should be provided for plant in service as well as other categories of plant, including but not limited to, contributions in aid of construction, customers' advances for construction and anticipated retirements associated with construction work in progress claims, if applicable."

RESPONSE:

V-A-1

See West Penn Exhibit RAD-46 Attachments A and B.

V-A-2

See West Penn Exhibit RAD-46 Attachments A and B.

V-B-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-7.

V-D-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-10.

West Penn Power Company
Accrual Expense Computation after Adjustments
At Fully Future Year from January 2017 to December 2017
($000)

Line No.	Description	Adjusted Plant Balances			Book Depreciation Reserve	Depreciation Reserve Ratio	Net Uncovered Book Plant	Accrual Equal Life Group Basis		Target Reserve	Book Reserve	Difference	Difference as a % of Target Reserve
		Non Depreciable	Depreciable	Total				Amount	Effective Rate				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Transmission	$ -	$ 9,316	$ 9,316	$ 500	5.37%	$ 8,816	$ 137	1.47%	$ 97	$ 500	$ (403)	-413.31%
2	Distribution	6,330	2,143,214	2,149,544	741,406	34.49%	1,408,138	47,936	2.24%	591,588	741,406	(149,818)	-25.32%
3	General Plant	1,550	177,534	179,084	94,184	52.59%	84,900	10,685	6.02%	90,037	94,184	(4,147)	-4.61%
4	Subtotal	$ 7,880	$ 2,330,064	$ 2,337,944	$ 836,090	35.76%	$ 1,501,854	$ 58,758	2.52%	$ 681,722	$ 836,090	$ (154,368)	-22.64%
5	Intangible Plant	$ 157	$ 84,204	$ 84,361	$ 41,923	49.70%	$ 42,438	$ 10,962	13.02%	$ 42,189	$ 41,923	$ 266	0.63%
6	Total	$ 8,037	$ 2,414,268	$ 2,422,305	$ 878,013	36.25%	$ 1,544,292	$ 69,720	2.89%	$ 723,911	$ 878,013	$ (154,102)	-21.29%

Exhibit Reference	RAD-47 Attachment A P 1	RAD-47 Attachment A P 1	RAD-47 Attachment A P 1	RAD-47 Attachment A P 2-4	RAD-53 Attachment A P 1	RAD-47 Attachment A P 5	RAD-47 Attachment A P 2-4

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/17 to 12/31/17
Plant-In-Service

Acct No	Description	Balance 1/1/17 (1)	Budget Activity: Additions (2)	Budget Activity: Retirements (3)	Budget Activity: Transfers/ Adjustments (4)	Balance 12/31/17 (5)	Adjustments (6)	Adjusted Balance 12/31/17 (7)
	NONDEPRECIABLE PLANT							
	Intangible Plant							
301	Organization	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
302	Franchise And Consents	-	-	-	-	-	-	-
	Total Intangible Plant	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
	Land							
350.11	Transmission Substations	$ 2,301,315	$ -	$ -	$ -	$ 2,301,315	$ (2,301,315)	$ -
350.21	Transmission Lines	196,888	-	-	-	196,888	(196,888)	-
360.11	Distribution Substations.	6,330,022	-	-	-	6,330,022	-	6,330,022
360.21	Distribution Lines	-	-	-	-	-	-	-
389.1	General	1,806,238	-	-	-	1,806,238	(255,944)	1,550,294
	Total Land	$ 10,634,463	$ -	$ -	$ -	$ 10,634,463	$ (2,754,147)	$ 7,880,316
	TOTAL NON-DEPRECIABLE PLANT	$ 10,791,260	$ -	$ -	$ -	$ 10,791,260	$ (2,754,147)	$ 8,037,113
	INTANGIBLE PLANT							
303	Misc. Intangible Plant 5 yr	$ 1,193,339	$ -	$ -	$ -	$ 1,193,339	$ (169,096)	$ 1,024,243
303	Misc. Intangible Plant 7 yr	34,013,850	3,268,475	-	-	37,282,325	(5,282,905)	31,999,420
303	Software Smart Meters 7 yr	17,041,430	7,806,568	-	-	24,847,998	-	24,847,998
3031	Software Smart Meters 10 yr	26,332,200	-	-	-	26,332,200	-	26,332,200
	TOTAL INTANGIBLE PLANT	$ 78,580,820	$ 11,075,043	$ -	$ -	$ 89,655,863	$ (5,452,002)	$ 84,203,861
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans. Subs.	$ 30,931,981	$ -	$ -	$ -	$ 30,931,981	$ (30,931,981)	$ -
350.22	Easements - Trans. Lines	288,562	-	-	-	288,562	(288,562)	-
352.1	Structures, Improvements	7,777,507	-	-	-	7,777,507	(7,777,507)	-
353	Station Equipment	135,864,431	-	-	-	135,864,431	(135,618,205)	246,225
354	Towers And Fixtures	45,671,867	-	-	-	45,671,867	(45,671,867)	-
355	Poles And Fixtures	90,877,015	13,287,178	(1,328,718)	-	102,835,474	(102,067,105)	768,369
356.1	Overhd Conductr, Devices	72,749,987	-	-	-	72,749,987	(72,205,040)	544,947
356.2	Clearing, Grading of Land	32,711,957	-	-	-	32,711,957	(24,981,774)	7,730,183
356.2	Clearing, Grading of Land -Veg	(753,169)	(2,597,047)	-	-	(3,350,216)	3,350,216	-
358	Undergrnd Conductr,Devices	293,839	-	-	-	293,839	(267,091)	26,748
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	1,721	-	-	-	1,721	(1,721)	-
	TOTAL TRANSMISSION PLANT	$ 416,415,698	$ 10,690,131	$ (1,328,718)	$ -	$ 425,777,111	$ (416,460,637)	$ 9,316,474
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 10,258,899	$ -	$ -	$ -	$ 10,258,899	$ -	$ 10,258,899
360.22	Easements - Dist. Lines	570,689	-	-	-	570,689	-	570,689
361.1	Structures, Improvements	21,946,652	61,830	(6,183)	-	22,002,299	-	22,002,299
361.2	Clearing and Grading	26,475	-	-	-	26,475	-	26,475
362	Station Equipment	319,167,609	5,527,720	(552,772)	-	324,142,557	-	324,142,557
364	Poles, Towers And Fixtures	369,270,339	23,715,305	(2,371,530)	-	390,614,113	-	390,614,113
365	Overhd Conductr, Devices	355,076,942	26,655,474	(2,665,547)	-	379,066,869	-	379,066,869
365.1	Clearing, Grading of Land	179,034,589	1,804,863	(180,486)	-	180,658,966	-	180,658,966
366	Underground Conduit	21,394,810	-	-	-	21,394,810	-	21,394,810
367	Undergrnd Conductr,Devices	154,912,099	10,049,776	(1,004,978)	-	163,956,897	-	163,956,897
368	Line Transformers	386,177,435	21,355,636	(2,135,564)	-	405,397,508	-	405,397,508
369	Services	110,095,741	5,726,670	(572,667)	-	115,249,743	-	115,249,743
370	Meters	-	-	-	-	-	-	-
370.3	Smart Meters - 15yr Life	2,299,491	-	-	-	2,299,491	-	2,299,491
370.3	Smart Meter Commercial - 15yr Life	2,854,646	-	-	-	2,854,646	-	2,854,646
370.3	Smart Meter Industrial - 15yr Life	14,722	-	-	-	14,722	-	14,722
370.3	Smart Meter Infrastructure-15yr L	774,598	-	-	-	774,598	-	774,598
370.3	Smart Meter Residential - 15yr Life	33,673,973	41,701,233	-	-	75,375,206	-	75,375,206
370.3	WP Plan A/B - 15yr Life	14,324,560	-	-	-	14,324,560	(14,324,560)	-
371	Inst. On Cust. Prem.	8,736,307	176,471	(17,647)	-	8,895,132	-	8,895,132
372	Leased Property Cust Premis	296,547	-	-	-	296,547	-	296,547
373.1	Street Light - Oh, Ug Lines	31,550,657	2,598,111	(259,811)	-	33,888,956	5,474,424	39,363,381
374	ARC Distribution	15,613	-	-	-	15,613	(15,613)	-
	TOTAL DISTRIBUTION PLANT	$ 2,022,473,392	$ 139,373,087	$ (9,767,185)	$ -	$ 2,152,079,294	$ (8,865,748)	$ 2,143,213,545
	GENERAL PLANT							
389.2	Easements	$ 293,153	$ -	$ -	$ -	$ 293,153	$ (41,540)	$ 251,614
390.1	Structures, Improvements	116,437,769	-	-	-	116,437,769	(16,499,232)	99,938,537
390.3	Struct Imprv, Leasehold Imp	1,785,113	-	-	-	1,785,113	(252,950)	1,532,162
391.1	Office Furn., Mech. Equip.	9,749,187	-	-	-	9,749,187	(1,381,460)	8,367,727
391.15	Office Machines	587,016	-	-	-	587,016	(83,180)	503,836
391.2	Data Processing Equipment	19,575,750	2,147,584	(214,758)	-	21,508,576	(3,047,765)	18,460,811
391.4	Personal Computers	1,547,492	-	-	-	1,547,492	(219,280)	1,328,213
391.5	Pa Smart Meters H	9,134,698	869,823	-	-	10,004,521	-	10,004,521
392	Transportation Equipment	4,320,360	-	-	-	4,320,360	(612,195)	3,708,165
393	Stores Equipment	773,507	-	-	-	773,507	(109,606)	663,901
394	Tools, Shop, Garage Equip.	13,906,062	-	-	-	13,906,062	(1,970,489)	11,935,573
395	Laboratory Equipment	1,753,782	-	-	-	1,753,782	(248,511)	1,505,271
396	Power Operated Equipment	209,213	-	-	-	209,213	(29,645)	179,568
397	Communication Equipment	24,184,130	-	-	-	24,184,130	(7,093,205)	17,090,925
398	Misc. Equipment	2,403,698	-	-	-	2,403,698	(340,604)	2,063,094
399.1	ARC General Plant	732,514	-	-	-	732,514	(732,514)	-
	TOTAL GENERAL PLANT	$ 207,393,445	$ 3,017,407	$ (214,758)	$ -	$ 210,196,093	$ (32,662,177)	$ 177,533,917
	TOTAL	$ 2,735,654,615	$ 164,155,668	$ (11,310,662)	$ -	$ 2,888,499,621	$ (466,194,711)	$ 2,422,304,910

West Penn Company
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Activity Updated from 1/1/17 to 12/31/17
Book Reserves

Acct No	Description	Balance 1/1/17	Budget Activity: Accruals	Budget Activity: Retirements	Budget Activity: Transfers/ Adjustments	Balance 12/31/17	Adjustments	Adjusted Balance 12/31/17
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	INTANGIBLE PLANT							
303	Software 2007	$ 158,308	$ -	$ -	$ -	$ 158,308	$ (22,432)	$ 135,876
303	Software 2008	226,535	-	-	-	226,535	(32,100)	194,435
303	Software 2009	299,243	-	-	-	299,243	(42,403)	256,840
303	Software 2010	1,195,096	-	-	-	1,195,096	(169,345)	1,025,751
303	Software 2011	504,193	95,914			600,107	(85,035)	515,072
303	Software 2012	5,642,454	2,183,721			7,826,175	(1,108,969)	6,717,206
303	Software 2013	2,731,505	1,266,851			3,998,356	(566,567)	3,431,789
303	Software 2014	769,263	402,554			1,171,817	(166,046)	1,005,771
303	Software misc 5 yr	1,193,340				1,193,340	(169,096)	1,024,244
303	Software misc 7 yr	3,511,564	1,617,928			5,129,492	(726,849)	4,402,643
303	Software Smart Meters 7 yr	2,628,796	3,266,870			5,895,666	-	5,895,666
3031	Software Smart Meters 10 yr	14,684,360	2,633,455			17,317,815	-	17,317,815
	TOTAL INTANGIBLE PLANT	$ 33,544,657	$11,467,293		$ -	$ 45,011,950	$ (3,088,843)	$ 41,923,107
	TRANSMISSION PLANT							
350.203	Transmission R	$ 410,910	$ 13,082	$ -	$ -	$ 423,992	$ (423,992)	$ -
350.204	Transmission R	2,851,972	105,172	-	-	2,957,144	(2,957,144)	-
35012	Transmission R	9,414,306	370,052	-	-	9,784,358	(9,784,358)	-
35022	Transmission R	17,346	4,559	-	-	21,905	(21,905)	-
352.002	Struct & Impvt	1,286,996	36,670	-	-	1,323,666	(1,323,666)	-
352.003	Struct & Impvt	345,396	11,937	-	-	357,333	(357,333)	-
352.004	Struct & Impvt	1,381,395	38,111	-	-	1,419,506	(1,419,506)	-
353.102	Substation Equ	7,218,503	544,042	-	-	7,762,545	(7,748,215)	14,330
353.103	Substation Equ	2,896,845	77,365	-	-	2,974,210	(2,974,210)	-
353.104	Substation Equ	8,498,265	241,837	-	-	8,740,102	(8,740,102)	-
353.202	Substation Equ	14,284,144	293,223	-	-	14,577,367	(14,577,367)	-
353.203	Substation Equ	4,069,048	111,765	-	-	4,180,813	(4,180,813)	-
353.204	Substation Equ	12,953,697	299,995	-	-	13,253,692	(13,253,692)	-
353.402	Scada Equip 13	450,084	313	-	-	450,397	(450,397)	-
353.403	Scada Equip 23	251,937	198	-	-	252,135	(252,135)	-
353.404	Scada Equip 50	18,666,505	11,227	-	-	18,677,732	(18,677,732)	-
354.002	Towers & Fixtu	14,869,840	213,907	-	-	15,083,746	(15,083,746)	-
354.003	Towers & Fixtu	142,127	2,021	-	-	144,148	(144,148)	-
354.004	Towers & Fixtu	14,454,228	188,322	-	-	14,642,550	(14,642,550)	-
355.002	Poles & Fixtur	31,381,009	1,405,975	(1,328,718)	-	31,458,266	(31,380,553)	77,713
355.003	Poles & Fixtur	3,150,627	65,148	-	-	3,215,775	(3,215,775)	-
355.004	Poles & Fixtur	136,995	2,785	-	-	139,780	(139,780)	-
356.102	Cond. & Device	32,681,525	512,765	-	-	33,194,290	(33,175,459)	18,831
356.103	Cond. & Device	3,174,611	31,246	-	-	3,205,857	(3,205,857)	-
356.104	Cond. & Device	13,027,648	128,189	-	-	13,155,837	(13,155,837)	-
356.202	Clearing & Dam	7,508,126	374,282	-	-	7,882,408	(7,495,275)	387,133
356.203	Clearing & Dam	545,655	17,500	-	-	563,155	(563,155)	-
356.204	Clearing & Dam	1,526,923	57,022	-	-	1,583,945	(1,583,945)	-
35620	Veg Clrng-FERC e	321,039	122,423	-	-	443,462	(443,462)	-
358.102	UG Cond & Dev	110,425	7,179	-	-	117,604	(115,250)	2,354
359.101	Trans ARO	917	-	-	-	917	(917)	-
	TOTAL TRANSMISSION	$ 208,029,045	$ 5,288,312	$ (1,328,718)	$ -	$ 211,988,638	$(211,488,277)	$ 500,361

West Penn Company
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Book Reserves

Acct No	Description	Balance 1/1/17	Budget Activity			Balance 12/31/17	Adjustments	Adjusted Balance 12/31/17
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	DISTRIBUTION PLANT							
360.201	Right of Way 3	$ 950,665	$ 36,719	$ -	$ -	$ 987,384	$ -	$ 987,384
360.202	Right of Way 1	48,782	4,919	-	-	53,701	-	53,701
360.209	Right of Way D	2,491,392	101,202	-	-	2,592,594	-	2,592,594
36011	Distribution L	-	-	-	-	-	-	-
36012	Rights of Way	287,825	11,976	-	-	299,801	-	299,801
36022	Rights/Way line	29,490	8,617	-	-	38,107	-	38,107
361.1	Structures & I	9,449,106	270,101	(6,183)	-	9,713,024	-	9,713,024
362.1	Substation Eq	1,279,170	1,882,845	(552,772)	-	2,609,243	-	2,609,243
362.2	Substation Eq	61,949,049	1,999,870	-	-	63,948,919	-	63,948,919
362.4	Substation Eq	87,909,258	26,010	-	-	87,935,268	-	87,935,268
36120	Clearing	4,352,422	310	-	-	4,352,732	-	4,352,732
364.001	Poles & Fixtur	29,435,560	3,458,686	(2,151,461)	-	30,742,785	-	30,742,785
364.009	Poles & Fixtur	115,185,579	3,587,810	(220,070)	-	118,533,319	-	118,533,319
365.101	Cond & Devices	21,427,043	3,223,218	(2,665,547)	-	21,984,715	-	21,984,715
365.109	Cond & Devices	88,163,728	3,606,008	-	-	91,769,736	-	91,769,736
365.111	Adjustment for	-	-	-	-	-	-	-
365.201	Clearing &Dama	7,020,732	1,765,862	(180,486)	-	8,606,108	-	8,606,108
365.209	Clearing &Dama	13,741,950	661,098	-	-	14,403,048	-	14,403,048
366.001	Undergrd Condu	2,702,462	176,113	-	-	2,878,574	-	2,878,574
366.009	Undergrd Condu	2,598,289	286,512	-	-	2,884,801	-	2,884,801
367.101	Ugrd Cond & De	3,417,149	1,182,720	(1,004,978)	-	3,594,892	-	3,594,892
367.109	Ugrd Cond & De	45,026,327	2,474,572		-	47,500,899	-	47,500,899
368.1	OH Line Transf	103,291,726	6,386,997	(1,786,341)	-	107,892,382	-	107,892,382
368.2	OH Line Transf	-	-	-	-	-	-	-
368.3	UG Line Transf	45,155,878	2,174,236	(349,223)	-	46,980,891	-	46,980,891
368.4	UG Line Transf	-	-	-	-	-	-	-
369.1	Overhead Servi	23,117,636	1,486,802	(357,761)	-	24,246,677	-	24,246,677
369.2	Underground Se	21,940,972	1,006,036	(214,906)	-	22,732,101	-	22,732,101
370.1	Meters (Materi	(1,143,768)	326,851	-	-	(816,918)	816,918	-
370.2	Meters (Instal	(461,503)	177,393	-	-	(284,110)	284,110	-
370.3	Smart Meters - 15yr Life	176,462	47	-	-	176,509	-	176,509
370.3	Smart Meter Commercial - 15yr Life	340,334	170,489	-	-	510,823	-	510,823
370.3	Smart Meter Industrial - 15yr Life	971	-	-	-	971	-	971
370.3	Smart Meter Infrastructure-15yr L	54,518	30,954	-	-	85,472	-	85,472
370.3	Smart Meter Residential - 15yr Life	1,851,628	3,650,769	-	-	5,502,396	-	5,502,396
370.3	WP Plan A/B - 15yr Life	3,467,327	956,385	-	-	4,423,712	(4,423,712)	-
371	Inst on Cust P	4,342,375	461,068	(17,647)	-	4,785,796	-	4,785,796
372.1	Lease Prop Cus	211,422	4,212	-	-	215,634	-	215,634
372.2	Lease Prop Cus	30,345	621	-	-	30,966	-	30,966
373.2	Outdoor/Street	12,152,630	922,478	(259,811)	-	12,815,297	-	12,815,297
374	Dist ARO	6,758	-	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION	$ 711,981,684	$42,520,507	$ (9,767,186)	$ -	$ 744,735,005	$ (3,329,442)	$ 741,405,563
	GENERAL PLANT							
389.2	General Plant	$ 112,971	$ 3,723	$ -	$ -	$ 116,694	$ (16,536)	$ 100,158
390.1	Arnold SC & Ce	1,452,303	96,387	-	-	1,548,691	(219,449)	1,329,241
390.1	Boyce Service	370,890	95,977	-	-	466,867	(66,155)	400,712
390.1	Butler Service	1,124,614	29,670	-	-	1,154,283	(163,562)	990,721
390.1	Charleroi Serv	2,598,982	351,690	-	-	2,950,672	(418,110)	2,532,562
390.1	Clarion Servic	418,453	49,946	-	-	468,399	(66,372)	402,027
390.1	Coudersport OC	46,516	976	-	-	47,492	(6,730)	40,762
390.1	Cville	23,276	1,047	-	-	24,323	(3,447)	20,877
390.1	Cville Auto Wa	40,645	863	-	-	41,508	(5,882)	35,626
390.1	Cville Blacksm	30,436	582	-	-	31,018	(4,395)	26,623
390.1	Cville Boiler	62,829	5,580	-	-	68,409	(9,694)	58,715
390.1	Cville Carpent	53,395	1,253	-	-	54,648	(7,744)	46,904
390.1	Cville Confere	1,255,553	78,883	-	-	1,334,436	(189,090)	1,145,347
390.1	Cville Cvd Sto	1,636,179	419,552	-	-	2,055,731	(291,297)	1,764,434
390.1	Cville Dry Kil	205	-	-	-	205	(29)	176
390.1	Cville Garage	1,553,293	70,869	-	-	1,624,163	(230,144)	1,394,019
390.1	Cville Gas Met	757	21	-	-	778	(110)	668
390.1	Cville Gen&Tra	777,601	166,514	-	-	944,114	(133,781)	810,333
390.1	Cville Hazardo	196,696	24,170	-	-	220,865	(31,297)	189,569
390.1	Cville Lumber	6,450	-	-	-	6,450	(914)	5,536
390.1	Cville Mobile	20,810	501	-	-	21,311	(3,020)	18,291
390.1	Cville Mtr Lab	675,520	106,841	-	-	782,362	(110,861)	671,501
390.1	Cville Oil Hou	6,104	189	-	-	6,293	(892)	5,402
390.1	Cville Oil St/	527,203	-	-	-	527,203	(74,705)	452,498
390.1	Cville Oil/Gre	908	23	-	-	931	(132)	799
390.1	Cville Quonset	209,921	6,891	-	-	216,812	(30,722)	186,090

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Acct No	Description	Balance 1/1/17	Budget Activity			Balance 12/31/17	Adjustments	Adjusted Balance 12/31/17
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	GENERAL PLANT							
390.1	Cville Secondh	34,803	8,739	-	-	43,542	(6,170)	37,372
390.1	Cville W Side	2,020,205	16,434	-	-	2,036,639	(288,592)	1,748,047
390.1	Dunbar Storage	1,590,340	163,136	-	-	1,753,476	(248,468)	1,505,009
390.1	Greensburg 'A'	1,298,472	140,592	-	-	1,439,064	(203,915)	1,235,149
390.1	Greensburg 'B'	6,486,089	1,080,597	-	-	7,566,686	(1,072,199)	6,494,487
390.1	Greensburg 'C'	2,955,785	140,621	-	-	3,096,405	(438,761)	2,657,645
390.1	Greensburg Mai	10,833,774	441,717	-	-	11,275,491	(1,597,737)	9,677,754
390.1	Greensburg Par	2,212,013	27,658	-	-	2,239,671	(317,361)	1,922,310
390.1	Gmsbrg Secur	17,508	4,823	-	-	22,331	(3,164)	19,166
390.1	Jeanette Pwr C	265,737	72,043	-	-	337,781	(47,864)	289,917
390.1	Jeanette SC Ge	412,736	17,346	-	-	430,082	(60,943)	369,140
390.1	Jeanette Servi	3,324,478	99,766	-	-	3,424,244	(485,215)	2,939,029
390.1	Jefferson Serv	1,487,188	97,052	-	-	1,584,240	(224,487)	1,359,753
390.1	Kems City Loc	50,566	-	-	-	50,566	(7,165)	43,401
390.1	Kittanning SC	2,040,303	50,831	-	-	2,091,134	(296,314)	1,794,821
390.1	Kittanning Ser	447,027	-	-	-	447,027	(63,344)	383,683
390.1	Latrobe Servic	1,891,214	18,539	-	-	1,909,754	(270,612)	1,639,141
390.1	Ligonier Opera	50,090	-	-	-	50,090	(7,098)	42,993
390.1	McConnellsburg	164,256	59,235	-	-	223,490	(31,669)	191,822
390.1	McDonald Servi	(0)	1	-	-	0	(0)	0
390.1	New Bethlehem	1,416	27	-	-	1,443	(204)	1,238
390.1	Pleasant Valle	1,789,093	163,228	-	-	1,952,321	(276,644)	1,675,677
390.1	St Col Ser Ct	63,524	3,730	-	-	67,254	(9,530)	57,724
390.1	St Marys SC Ge	325,163	45,939	-	-	371,103	(52,585)	318,517
390.1	St Marys Servi	1,855,396	117,626	-	-	1,973,022	(279,577)	1,693,445
390.1	State Co Gar	597,247	29,754	-	-	627,001	(88,846)	538,155
390.1	Uniontown Serv	34,817	2,854	-	-	37,671	(5,338)	32,333
390.1	Washington Ser	1,353,554	73,400	-	-	1,426,954	(202,199)	1,224,754
390.1	Waynesboro SC	1,070,956	76,742	-	-	1,147,698	(162,629)	985,069
390.1	Waynesboro Ser	397,557	235	-	-	397,792	(56,367)	341,424
390.1	Yukon SS Stora	252,818	5,830	-	-	258,648	(36,650)	221,997
390.2	Imp Ls P GbgCL	56,166	-	-	-	56,166	(7,959)	48,208
390.2	Imp Ls Prp Cha	417	46	-	-	463	(66)	397
390.2	Imp Ls Prp Crd	1,217	125	-	-	1,342	(190)	1,151
390.2	Imp Ls Prp Gbg	19,637	-	-	-	19,637	(2,783)	16,854
390.2	Imp Ls Prp Har	1,260	-	-	-	1,260	(178)	1,081
390.2	Imp Ls Prp Pal	677,906	-	-	-	677,906	(96,059)	581,846
390.2	Imp Ls Prp St	825,033	-	-	-	825,033	(116,907)	708,125
390.2	Imp Ls Prp Uni	170,749	235	-	-	170,984	(24,228)	146,756
390.2	Imp LsPrp Kitt	25,566	-	-	-	25,566	(3,623)	21,944
390.2	Imp Prp Gbg CC	18,926	-	-	-	18,926	(2,682)	16,244
391.1	Office Furnitu	7,682,582	471,860	-	-	8,154,442	(1,155,484)	6,998,957
391.2	Information Sy	4,729,777	2,231,196	(214,758)	-	6,746,215	(955,939)	5,790,276
391.3	Data Handling	589,268	31,698	-	-	620,966	(87,991)	532,975
391.4	Computers	1,547,493	-	-	-	1,547,493	(219,280)	1,328,214
39125	Smart Meters H	2,137,097	1,116,390	-	-	3,253,487	-	3,253,487
392	Transportation	206,642	22,564	-	-	229,206	(32,478)	196,727
392.002	Light Trucks	624,624	63,578	-	-	688,202	(97,518)	590,684
392.003	Medium & Heavy	540,525	131,307	-	-	671,832	(95,199)	576,634
392.004	Trailers	230,244	47	-	-	230,291	(32,632)	197,659
392.006	All Terrain Ve	96,403	24,126	-	-	120,529	(17,079)	103,450
393	Stores Equipme	590,277	37,825	-	-	628,102	(89,002)	539,100
394	Tools,Shop,Gar	7,374,850	891,733	-	-	8,266,583	(1,171,375)	7,095,208
395	Laboratory Equ	1,357,131	71,028	-	-	1,428,159	(202,370)	1,225,789
396	Power Operated	171,764	4,373	-	-	176,136	(24,959)	151,178
397	Communications	10,162,436	1,920,821	-	-	12,083,257	(3,544,019)	8,539,238
398	Misc Equipment	1,503,026	187,729	-	-	1,690,755	(239,580)	1,451,175
399.1	ARO General Pl	209,179	-	-	-	209,179	(209,179)	-
	TOTAL GENERAL	$ 100,076,829	$11,677,324	$ (214,758)	$ -	$ 111,539,395	$ (17,355,473)	$ 94,183,922
	TOTAL	$ 1,053,632,215	$70,953,435	$(11,310,662)	$ -	$ 1,113,274,988	$ (235,262,036)	$ 878,012,953

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/31/17 to 12/31/17
Target Reserves

Acct No	Description	Balance 1/1/17 (1)	Budget Activity: Accruals (2)	Budget Activity: Retirements (3)	Budget Activity: Transfers/ Adjustments (4)	Balance 12/31/17 (5)	Adjustments (6)	Adjusted Balance 12/31/17 (7)
	INTANGIBLE PLANT							
303	Software misc 5 yr	$ 2,938,356	$ 238,668	$ -	$ -	$ 3,177,024	$ (450,184)	$ 2,726,840
303	Software misc 7 yr	14,010,371	5,094,112	-	-	19,104,483	(2,707,105)	16,397,378
303	Software Smart Meters 7 yr	2,972,113	2,993,000	-	-	5,965,113	-	5,965,113
3031	Software Smart Meters 10 yr	14,466,854	2,633,220	-	-	17,100,074	-	17,100,074
	TOTAL INTANGIBLE PLANT	$ 34,387,694	$ 10,959,000	$ -	$ -	$ 45,346,694	$ (3,157,290)	$ 42,189,404
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans. Subs.	$ 14,882,333	$ 519,657	$ -	$ -	$ 15,401,990	$ (15,401,990)	$ -
350.12	Easements - Trans. Lines	9,811	4,848	-	-	14,659	(14,659)	-
352.1	Structures, Improvements	2,629,626	132,218	-	-	2,761,844	(2,761,844)	-
353	Station Equipment	47,726,094	2,037,966	-	-	49,764,060	(49,749,131)	14,929
353	Station Equipment Scada	22,223,580	424,748	-	-	22,648,328	(22,648,328)	-
354	Towers And Fixtures	28,173,908	1,782,155	(1,328,718)	-	28,627,345	(28,627,345)	-
355	Poles And Fixtures	33,874,757	640,200	-	-	34,514,957	(34,439,024)	75,933
356.1	Overhd Conductr, Devices	9,898,048	480,866	-	-	10,378,914	(10,374,762)	4,152
356.2	Clearing, Grading of Land	29,252	(30,160)	-	-	(908)	874	(34)
358	Undergrnd Conductr,Devices	116,348	8,492	-	-	124,840	(122,343)	2,497
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	917	-	-	-	917	(917)	-
	TOTAL TRANSMISSION PLANT	$ 159,564,674	$ 6,000,990	$ (1,328,718)	$ -	$ 164,236,947	$ (164,139,470)	$ 97,477
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 4,323,075	$ 170,298	$ -	$ -	$ 4,493,373	$ -	$ 4,493,373
360.12	Easements - Dist. Lines	19,404	9,473	-	-	28,877	-	28,877
361.1	Structures, Improvements	7,584,483	294,458	(6,183)	-	7,872,758	-	7,872,758
362	Station Equipment	705	355	-	-	1,060	-	1,060
362.1	Station Equipment Scada	101,975,158	5,082,150	(552,772)	-	106,504,536	-	106,504,536
364	Poles, Towers And Fixtures	106,469,165	7,142,914	(2,371,530)	-	111,240,548	-	111,240,548
365	Overhd Conductr, Devices	77,562,638	7,671,803	(2,665,547)	-	82,568,893	-	82,568,893
365.1	Clearing, Grading of Land	22,226,464	2,607,778	(180,486)	-	24,653,756	-	24,653,756
366	Underground Conduit	7,366,963	511,336	-	-	7,878,299	-	7,878,299
367	Undergrnd Conductr,Devices	41,336,927	3,826,428	(1,004,978)	-	44,158,378	-	44,158,378
368	Line Transformers	131,077,162	9,855,108	(2,135,564)	-	138,796,707	-	138,796,707
369	Services	41,890,406	2,704,146	(572,667)	-	44,021,885	-	44,021,885
370	Meters	-	-	-	-	-	-	-
370.3	Smart Meters - 15yr Life	1,822,561	153,376	-	-	1,975,937	-	1,975,937
370.3	Smart Meter Commercial - 15yr Life	311,006	190,405	-	-	501,411	-	501,411
370.3	Smart Meter Industrial - 15yr Life	1,671	982	-	-	2,653	-	2,653
370.3	Smart Meter Infrastructure-15yr L	77,805	51,666	-	-	129,471	-	129,471
370.3	Smart Meter Residential - 15yr Life	1,605,432	3,636,790	-	-	5,242,222	-	5,242,222
370.3	WP Plan A/B - 15yr Life	1,910,536	955,448	-	-	2,865,984	(2,865,984)	-
371	Inst. On Cust. Prem.	1,342,365	341,168	(17,647)	-	1,665,886	-	1,665,886
372	Leased Property Cust Premis	160,479	4,834	-	-	165,313	-	165,313
373.1	Street Light - Oh, Ug Lines	8,803,656	1,141,921	(259,811)	-	9,685,766	-	9,685,766
374	ARC Distribution	6,758	-	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION PLANT	$ 557,874,819	$ 46,352,837	$ (9,767,185)	$ -	$ 594,460,471	$ (2,872,742)	$ 591,587,729
	GENERAL PLANT							
389.2	Easements	$ 104,096	$ 4,016	$ -	$ -	$ 108,112	$ (15,319)	$ 92,793
390.1	Structures, Improvements	53,385,446	3,982,172	-	-	57,367,618	(8,128,991)	49,238,627
390.3	Struct Imprv, Leasehold Imp	1,577,652	-	-	-	1,577,652	(223,553)	1,354,099
391.1	Office Furn., Mech. Equip.	7,425,239	653,196	-	-	8,078,435	(1,144,714)	6,933,721
391.2	Office Machines	3,853,178	86,702	-	1	3,939,881	(558,281)	3,381,600
391.3	Data Processing Equipment	628,644	2,025,457	(214,758)	-	2,439,343	(345,655)	2,093,688
391.4	Computers	1,546,590	309,498	-	-	1,856,088	(263,008)	1,593,080
391.5	Data Processing Equipment Smart meters	2,545,836	1,913,922	-	-	4,459,758	-	4,459,758
392	Transportation Equipment	1,322,986	323,163	-	-	1,646,149	(233,259)	1,412,890
393	Stores Equipment	619,651	38,830	-	-	658,481	(93,307)	565,174
394	Tools, Shop, Garage Equip.	7,486,766	960,909	-	-	8,447,675	(1,197,036)	7,250,639
395	Laboratory Equipment	1,418,200	88,917	-	-	1,507,117	(213,558)	1,293,559
396	Power Operated Equipment	134,533	4,142	-	-	138,675	(19,650)	119,025
397	Communication Equipment	10,267,670	2,016,956	-	-	12,284,626	(3,603,081)	8,681,545
398	Misc. Equipment	1,630,619	194,459	-	-	1,825,078	(258,614)	1,566,464
399.1	ARC General Plant	209,179	-	-	-	209,179	(209,179)	0
	TOTAL GENERAL PLANT	$ 94,166,285	$ 12,602,339	$ (214,758)	$ 1	$ 106,543,866	$ (16,507,206)	$ 90,036,661
	TOTAL	$ 845,983,472	$ 75,915,166	$ (11,310,662)	$ 1	$ 910,587,977	$ (186,676,706)	$ 723,911,271

WEST PENN POWER COMPANY

Original Cost of Plant, Reserves and Accruals by Functions for Future Test Year Ending 12/31/2016

FILING REQUIREMENT V-A-1:

"Provide schedules supporting claimed amounts for Electric Plant in Service by function and by account if available."

FILING REQUIREMENT V-A-2:

"Provide a comparison of calculated depreciation reserve versus book reserve at the end of the test year. Provide this comparison by functional group and by account if available."

FILING REQUIREMENT V-B-1:

"Provide a comparison of calculated depreciation accruals versus book accruals by function and by account if available."

FILING REQUIREMENT V-D-1:

"Provide the surviving original cost plant at the appropriated test year date or dates by account and functional property group and include claimed depreciation reserves. Provide annual depreciation accruals where appropriate. These calculations should be provided for plant in service as well as other categories of plant, including but not limited to, contributions in aid of construction, customers' advances for construction and anticipated retirements associated with construction work in progress claims, if applicable."

RESPONSE:

V-A-1

See West Penn Exhibit RAD-47 Attachments A and B.

V-A-2

See West Penn Exhibit RAD-47 Attachments A and B.

V-B-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-7.

V-D-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-10.

West Penn Power Company
Accrual Expense Computation after Adjustments
At Future Year from January 2016 to December 2016
($000)

Line No.	Description	Adjusted Plant Balances			Book Depreciation Reserve	Depreciation Reserve Ratio	Net Uncovered Book Plant	Accrual Equal Life Group Basis		Target Reserve	Book Reserve	Difference	Difference as a % of Target Reserve
		Non Depreciable	Depreciable	Total				Amount	Effective Rate				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Transmission	$ -	$ 9,316	$ 9,316	$ 363	3.90%	$ 8,953	$ 137	1.47%	$ 96	$ 363	$ (267)	-277.64%
2	Distribution	6,330	2,013,608	2,019,938	710,113	35.16%	1,309,825	43,140	2.14%	555,958	710,113	(154,155)	-27.73%
3	General Plant	1,550	175,005	176,555	84,479	47.85%	92,077	9,675	5.53%	79,439	84,479	(5,040)	-6.34%
4	Subtotal	$ 7,880	$ 2,197,929	$ 2,205,810	$ 794,955	36.04%	$ 1,410,855	$ 52,952	2.41%	$ 635,493	$ 794,955	$ (159,462)	-25.09%
5	Intangible Plant	$ 157	$ 73,592	$ 73,749	$ 31,245	42.37%	$ 42,504	$ 9,445	12.83%	$ 31,986	$ 31,245	$ 741	2.32%
6	Total	$ 8,037	$ 2,271,521	$ 2,279,558	$ 826,199	36.24%	$ 1,453,359	$ 62,397	2.75%	$ 667,479	$ 826,199	$ (158,721)	-23.78%
	Exhibit Reference	RAD-47 Attachment A P 1	RAD-47 Attachment A P 1	RAD-47 Attachment A P 1	RAD-47 Attachment A P 2-4			RAD-53 Attachment A P 1		RAD-47 Attachment A P 5	RAD-47 Attachment A P 2-4		

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/16
Plant-In-Service

Acct No	Description	Balance 1/1/16	Budget Activity			Balance 12/31/16	Adjustments	Adjusted Balance 12/31/16
			Additions	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	NONDEPRECIABLE PLANT							
	Intangible Plant							
301	Organization	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
302	Franchise And Consents	-	-	-	-	-	-	-
	Total Intangible Plant	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
	Land							
350.11	Transmission Substations	$ 2,301,315	$ -	$ -	$ -	$ 2,301,315	$ (2,301,315)	$ -
350.21	Transmission Lines	196,888	-	-	-	196,888	(196,888)	-
360.11	Distribution Substations.	6,327,641	2,645	(265)	-	6,330,022	-	6,330,022
360.21	Distribution Lines	-	-	-	-	-	-	-
389.1	General	1,806,238	-	-	-	1,806,238	(255,944)	1,550,294
	Total Land	$ 10,632,082	$ 2,645	$ (265)	$ -	$ 10,634,463	$ (2,754,147)	$ 7,880,316
	TOTAL NON-DEPRECIABLE PLANT	$ 10,788,879	$ 2,645	$ (265)	$ -	$ 10,791,260	$ (2,754,147)	$ 8,037,113
	INTANGIBLE PLANT							
303	Misc. Intangible Plant 5 yr	$ 1,193,339	$ -	$ -	$ -	$ 1,193,339	$ (169,096)	$ 1,024,243
303	Misc. Intangible Plant 7 yr	29,544,240	4,469,611	-	-	34,013,850	(4,819,763)	29,194,088
303	Software Smart Meters 7 yr	12,112,043	4,929,387	-	-	17,041,430	-	17,041,430
3031	Software Smart Meters 10 yr	26,332,200	-	-	-	26,332,200	-	26,332,200
	TOTAL INTANGIBLE PLANT	$ 69,181,822	$ 9,398,998	$ -	$ -	$ 78,580,820	$ (4,988,859)	$ 73,591,961
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans. Subs.	$ 30,931,981	$ -	$ -	$ -	$ 30,931,981	$ (30,931,981)	$ -
350.22	Easements - Trans. Lines	288,562	-	-	-	288,562	(288,562)	-
352.1	Structures, Improvements	7,777,507	-	-	-	7,777,507	(7,777,507)	-
353	Station Equipment	135,863,999	480	(48)	-	135,864,431	(135,618,205)	246,226
354	Towers And Fixtures	45,671,867	-	-	-	45,671,867	(45,671,867)	-
355	Poles And Fixtures	72,807,962	20,076,725	(2,007,673)	-	90,877,015	(90,108,646)	768,369
356.1	Overhd Conductr, Devices	72,749,987	-	-	-	72,749,987	(72,205,040)	544,947
356.2	Clearing, Grading of Land	32,711,957	-	-	-	32,711,957	(24,981,774)	7,730,183
356.2	Clearing, Grading of Land -Veg	3,168,918	(3,922,088)	-	-	(753,169)	753,169	-
358	Undergrnd Conductr,Devices	293,839	-	-	-	293,839	(267,091)	26,748
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	1,721	-	-	-	1,721	(1,721)	-
	TOTAL TRANSMISSION PLANT	$ 402,268,300	$ 16,155,118	$ (2,007,721)	$ -	$ 416,415,698	$ (407,099,224)	$ 9,316,474
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 10,258,899	$ -	$ -	$ -	$ 10,258,899	$ -	$ 10,258,899
360.22	Easements - Dist. Lines	570,689	-	-	-	570,689	-	570,689
361.1	Structures, Improvements	21,852,169	104,981	(10,498)	-	21,946,652	-	21,946,652
361.2	Clearing and Grading	26,475	-	-	-	26,475	-	26,475
362	Station Equipment	314,181,961	5,539,609	(553,961)	-	319,167,609	-	319,167,609
364	Poles, Towers And Fixtures	344,779,104	27,212,483	(2,721,248)	-	369,270,339	-	369,270,339
365	Overhd Conductr, Devices	327,441,187	30,706,394	(3,070,639)	-	355,076,942	-	355,076,942
365.1	Clearing, Grading of Land	177,437,344	1,774,717	(177,472)	-	179,034,589	-	179,034,589
366	Underground Conduit	21,394,810	-	-	-	21,394,810	-	21,394,810
367	Undergrnd Conductr,Devices	146,713,012	9,110,097	(911,010)	-	154,912,099	-	154,912,099
368	Line Transformers	369,462,386	18,572,277	(1,857,228)	-	386,177,435	-	386,177,435
369	Services	105,006,487	5,654,726	(565,473)	-	110,095,741	-	110,095,741
370	Meters	-	-	-	-	-	-	-
370.3	Smart Meters - 15yr Life	2,299,491	-	-	-	2,299,491	-	2,299,491
370.3	Smart Meter Commercial - 15yr Life	2,854,646	-	-	-	2,854,646	-	2,854,646
370.3	Smart Meter Industrial - 15yr Life	14,722	-	-	-	14,722	-	14,722
370.3	Smart Meter Infrastructure-15yr L	774,598	-	-	-	774,598	-	774,598
370.3	Smart Meter Residential - 15yr Life	6,425,668	27,248,305	-	-	33,673,973	-	33,673,973
370.3	WP Plan A/B - 15yr Life	14,324,560	-	-	-	14,324,560	(14,324,560)	-
371	Inst. On Cust. Prem.	8,700,989	39,243	(3,924)	-	8,736,307	-	8,736,307
372	Leased Property Cust Premis	296,547	-	-	-	296,547	-	296,547
373.1	Street Light - Oh, Ug Lines	29,222,272	2,587,094	(258,709)	-	31,550,657	5,474,424	37,025,081
374	ARC Distribution	15,613	-	-	-	15,613	(15,613)	-
	TOTAL DISTRIBUTION PLANT	$1,904,053,627	$128,549,927	$(10,130,162)	$ -	$2,022,473,392	$ (8,865,748)	$2,013,607,644
	GENERAL PLANT							
389.2	Easements	$ 293,153	$ -	$ -	$ -	$ 293,153	$ (41,540)	$ 251,614
390.1	Structures, Improvements	116,437,769	-	-	-	116,437,769	(16,499,232)	99,938,537
390.3	Struct Imprv, Leasehold Imp	1,785,113	-	-	-	1,785,113	(252,950)	1,532,162
391.1	Office Furn., Mech. Equip.	9,749,187	-	-	-	9,749,187	(1,381,460)	8,367,727
391.15	Office Machines	587,016	-	-	-	587,016	(83,180)	503,836
391.2	Data Processing Equipment	12,974,905	7,334,273	(733,427)	-	19,575,750	(2,773,884)	16,801,867
391.4	Personal Computers	1,547,492	-	-	-	1,547,492	(219,280)	1,328,213
391.5	Pa Smart Meters H	6,213,637	2,921,061	-	-	9,134,698	-	9,134,698
392	Transportation Equipment	4,320,360	-	-	-	4,320,360	(612,195)	3,708,165
393	Stores Equipment	773,507	-	-	-	773,507	(109,606)	663,901
394	Tools, Shop, Garage Equip.	13,906,062	-	-	-	13,906,062	(1,970,489)	11,935,573
395	Laboratory Equipment	1,753,782	-	-	-	1,753,782	(248,511)	1,505,271
396	Power Operated Equipment	209,213	-	-	-	209,213	(29,645)	179,568
397	Communication Equipment	24,184,130	-	-	-	24,184,130	(7,093,205)	17,090,925
398	Misc. Equipment	2,403,698	-	-	-	2,403,698	(340,604)	2,063,094
399.1	ARC General Plant	732,514	-	-	-	732,514	(732,514)	-
	TOTAL GENERAL PLANT	$ 197,871,538	$ 10,255,333	$ (733,427)	$ -	$ 207,393,445	$ (32,388,295)	$ 175,005,149
	TOTAL	$2,594,164,167	$164,362,022	$(12,871,575)	$ -	$2,735,654,616	$ (456,096,273)	$2,279,558,341

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/16 to 12/31/16
Book Reserves

Acct No	Description	Balance 1/1/16	Budget Activity			Balance 12/31/16	Adjustments	Adjusted Balance 12/31/16
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	INTANGIBLE PLANT							
303	Software 2007	$ 158,308	$ -	$ -	$ -	$ 158,308	$ (22,432)	$ 135,876
303	Software 2008	226,535	-	-	-	226,535	(32,100)	194,435
303	Software 2009	299,243	-	-	-	299,243	(42,403)	256,840
303	Software 2010	1,113,871	81,225	-	-	1,195,096	(169,345)	1,025,751
303	Software 2011	408,279	95,914	-	-	504,193	(71,444)	432,749
303	Software 2012	3,458,733	2,183,721	-	-	5,642,454	(799,536)	4,842,918
303	Software 2013	1,464,654	1,266,851	-	-	2,731,505	(387,054)	2,344,451
303	Software 2014	366,709	402,554	-	-	769,263	(109,005)	660,258
303	Software misc 5 yr	1,193,340	-	-	-	1,193,340	(169,096)	1,024,244
303	Software misc 7 yr	2,465,493	1,046,071	-	-	3,511,564	(497,589)	3,013,975
303	Software Smart Meters 7 yr	599,659	2,029,137	-	-	2,628,796	-	2,628,796
3031	Software Smart Meters 10 yr	12,050,905	2,633,455	-	-	14,684,360	-	14,684,360
	TOTAL INTANGIBLE PLANT	$ 23,805,729	$ 9,738,928	$ -	$ -	$ 33,544,657	$ (2,300,004)	$ 31,244,653
	TRANSMISSION PLANT							
350.203	Transmission R	$ 397,828	$ 13,082	$ -	$ -	$ 410,910	$ (410,910)	$ -
350.204	Transmission R	2,746,800	105,172	-	-	2,851,972	(2,851,972)	-
35012	Transmission R	9,044,254	370,052	-	-	9,414,306	(9,414,306)	-
35022	Transmission R	12,787	4,559	-	-	17,346	(17,346)	-
352.002	Struct & Impvt	1,250,326	36,670	-	-	1,286,996	(1,286,996)	-
352.003	Struct & Impvt	333,459	11,937	-	-	345,396	(345,396)	-
352.004	Struct & Impvt	1,343,284	38,111	-	-	1,381,395	(1,381,395)	-
353.102	Substation Equ	6,674,182	544,321	-	-	7,218,503	(7,207,866)	10,637
353.103	Substation Equ	2,819,480	77,365	-	-	2,896,845	(2,896,845)	-
353.104	Substation Equ	8,255,492	242,774	-	-	8,498,265	(8,498,265)	-
353.202	Substation Equ	13,990,741	293,451	(48)	-	14,284,144	(14,284,144)	-
353.203	Substation Equ	3,957,283	111,765	-	-	4,069,048	(4,069,048)	-
353.204	Substation Equ	12,653,466	300,231	-	-	12,953,697	(12,953,697)	-
353.402	Scada Equip 13	449,771	313	-	-	450,084	(450,084)	-
353.403	Scada Equip 23	251,739	198	-	-	251,937	(251,937)	-
353.404	Scada Equip 50	18,655,278	11,227	-	-	18,666,505	(18,666,505)	-
354.002	Towers & Fixtu	14,655,933	213,907	-	-	14,869,840	(14,869,840)	-
354.003	Towers & Fixtu	140,106	2,021	-	-	142,127	(142,127)	-
354.004	Towers & Fixtu	14,265,906	188,322	-	-	14,454,228	(14,454,228)	-
355.002	Poles & Fixtur	32,214,694	1,173,988	(2,007,673)	-	31,381,009	(31,317,434)	63,575
355.003	Poles & Fixtur	3,085,479	65,148	-	-	3,150,627	(3,150,627)	-
355.004	Poles & Fixtur	134,210	2,785	-	-	136,995	(136,995)	-
356.102	Cond. & Device	32,168,760	512,765	-	-	32,681,525	(32,667,490)	14,035
356.103	Cond. & Device	3,143,365	31,246	-	-	3,174,611	(3,174,611)	-
356.104	Cond. & Device	12,899,459	128,189	-	-	13,027,648	(13,027,648)	-
356.202	Clearing & Dam	7,133,844	374,282	-	-	7,508,126	(7,234,627)	273,499
356.203	Clearing & Dam	528,155	17,500	-	-	545,655	(545,655)	-
356.204	Clearing & Dam	1,469,901	57,022	-	-	1,526,923	(1,526,923)	-
35620	Veg Clmg-FERC e	154,616	166,423	-	-	321,039	(321,039)	-
358.102	UG Cond & Dev	103,247	7,179	-	-	110,425	(108,844)	1,581
359.101	Trans ARO	917	-	-	-	917	(917)	-
	TOTAL TRANSMISSION	$204,934,761	$ 5,102,005	$ (2,007,721)	$ -	$ 208,029,045	$(207,665,718)	$ 363,327

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/16 to 12/31/16
Book Reserves

Acct No	Description	Balance 1/1/16	Budget Activity			Balance 12/31/16	Adjustments	Adjusted Balance 12/31/16
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	DISTRIBUTION PLANT							
360.201	Right of Way 3	$ 913,946	$ 36,719	$ -	$ -	$ 950,665	$ -	$ 950,665
360.202	Right of Way 1	43,863	4,919	-	-	48,782	-	48,782
360.209	Right of Way D	2,390,190	101,202	-	-	2,491,392	-	2,491,392
36011	Distribution	0	0	-	-	0	-	0
36012	Rights of Way	276,114	11,976	(265)	-	287,825	-	287,825
36022	Rights/Way line	20,873	8,617	-	-	29,490	-	29,490
361.1	Structures & I	9,189,975	269,629	(10,498)	-	9,449,106	-	9,449,106
362.1	Substation Eq	258	1,832,873	(553,961)	-	1,279,170	-	1,279,170
362.2	Substation Eq	59,923,575	2,025,474	-	-	61,949,049	-	61,949,049
362.4	Substation Eq	87,883,248	26,010	-	-	87,909,258	-	87,909,258
36120	Clearing	4,352,112	310	-	-	4,352,422	-	4,352,422
364.001	Poles & Fixtur	28,832,382	3,163,134	(2,559,956)	-	29,435,560	-	29,435,560
364.009	Poles & Fixtur	111,045,889	4,280,983	(161,293)	-	115,165,579	-	115,165,579
365.101	Cond & Devices	21,622,062	2,875,620	(3,070,639)	-	21,427,043	-	21,427,043
365.109	Cond & Devices	84,398,695	3,765,033	-	-	88,163,728	-	88,163,728
365.111	Adjustment for	0	-	-	-	0	-	0
365.201	Clearing &Dama	5,454,512	1,743,692	(177,472)	-	7,020,732	-	7,020,732
365.209	Clearing &Dama	13,080,852	661,098	-	-	13,741,950	-	13,741,950
366.001	Undergrd Condu	2,526,349	176,113	-	-	2,702,462	-	2,702,462
366.009	Undergrd Condu	2,305,282	293,007	-	-	2,598,289	-	2,598,289
367.101	Ugrd Cond & De	3,313,506	1,014,654	(911,010)	-	3,417,149	-	3,417,149
367.109	Ugrd Cond & De	42,521,946	2,504,380	-	-	45,026,327	-	45,026,327
368.1	OH Line Transf	98,165,600	6,624,350	(1,498,224)	-	103,291,726	-	103,291,726
368.2	OH Line Transf	(0)	-	-	-	(0)	-	(0)
368.3	UG Line Transf	43,172,846	2,342,034	(359,003)	-	45,155,878	-	45,155,878
368.4	UG Line Transf	(0)	0	-	-	(0)	-	(0)
369.1	Overhead Servi	21,971,044	1,491,141	(344,548)	-	23,117,636	-	23,117,636
369.2	Underground Se	21,194,131	967,765	(220,925)	-	21,940,972	-	21,940,972
370.1	Meters (Materi	(1,652,572)	508,804	-	-	(1,143,768)	1,143,768	-
370.2	Meters (Instal	(647,868)	186,365	-	-	(461,503)	461,503	-
370.3	Smart Meters - 15yr Life	176,415	47	-	-	176,462	-	176,462
370.3	Smart Meter Commercial - 15yr Life	169,845	170,489	-	-	340,334	-	340,334
370.3	Smart Meter Industrial - 15yr Life	971	-	-	-	971	-	971
370.3	Smart Meter Infrastructure-15yr L	23,564	30,954	-	-	54,518	-	54,518
370.3	Smart Meter Residential - 15yr Life	309,858	1,541,770	-	-	1,851,628	-	1,851,628
370.3	WP Plan A/B - 15yr Life	2,510,942	956,385	-	-	3,467,327	(3,467,327)	-
371	Inst on Cust P	3,888,161	458,138	(3,924)	-	4,342,375	-	4,342,375
372.1	Lease Prop Cus	207,210	4,212	-	-	211,422	-	211,422
372.2	Lease Prop Cus	29,724	621	-	-	30,345	-	30,345
373	Street Lighting	11,259,790	1,151,549	(258,709)	-	12,152,630	-	12,152,630
374	Dist ARO	6,758	-	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION	$680,882,047	$41,230,064	$(10,130,427)	$ -	$ 711,981,684	$ (1,868,813)	$ 710,112,871
	GENERAL PLANT							
389.2	General Plant	$ 109,248	$ 3,723	$ -	$ -	$ 112,971	$ (16,008)	$ 96,963
390.1	Arnold SC & Ce	1,355,916	96,387	-	-	1,452,303	(205,791)	1,246,512
390.1	Boyce Service	274,914	95,977	-	-	370,890	(52,555)	318,335
390.1	Butler Service	1,094,944	29,670	-	-	1,124,614	(159,358)	965,256
390.1	Charleroi Serv	2,247,292	351,690	-	-	2,598,982	(368,276)	2,230,707
390.1	Clarion Servic	368,507	49,946	-	-	418,453	(59,295)	359,158
390.1	Coudersport OC	45,540	976	-	-	46,516	(6,591)	39,925
390.1	Cville	22,229	1,047	-	-	23,276	(3,298)	19,978
390.1	Cville Auto Wa	39,782	863	-	-	40,645	(5,759)	34,885
390.1	Cville Blacksm	29,854	582	-	-	30,436	(4,313)	26,124
390.1	Cville Boiler	57,248	5,580	-	-	62,829	(8,903)	53,926
390.1	Cville Carpent	52,142	1,253	-	-	53,395	(7,566)	45,829
390.1	Cville Confere	1,176,670	78,883	-	-	1,255,553	(177,912)	1,077,642
390.1	Cville Cvd Sto	1,216,627	419,552	-	-	1,636,179	(231,847)	1,404,332
390.1	Cville Dry Kil	205	-	-	-	205	(29)	176
390.1	Cville Garage	1,482,424	70,869	-	-	1,553,293	(220,102)	1,333,192
390.1	Cville Gas Met	736	21	-	-	757	(107)	650
390.1	Cville Gen&Tra	611,087	166,514	-	-	777,601	(110,186)	667,415
390.1	Cville Hazardo	172,526	24,170	-	-	196,696	(27,872)	168,824
390.1	Cville Lumber	6,450	-	-	-	6,450	(914)	5,536
390.1	Cville Mobile	20,309	501	-	-	20,810	(2,949)	17,861
390.1	Cville Mtr Lab	568,679	106,841	-	-	675,520	(95,721)	579,799
390.1	Cville Oil Hou	5,915	189	-	-	6,104	(865)	5,239
390.1	Cville Oil St/	527,203	-	-	-	527,203	(74,705)	452,498
390.1	Cville Oil/Gre	885	23	-	-	908	(129)	780
390.1	Cville Quonset	199,389	10,532	-	-	209,921	(29,746)	180,175

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/16 to 12/31/16
Book Reserves

Acct No	Description	Balance 1/1/16	Budget Activity			Balance 12/31/16	Adjustments	Adjusted Balance 12/31/16
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	GENERAL PLANT							
390.1	Cville Secondh	26,064	8,739	-	-	34,803	(4,932)	29,871
390.1	Cville W Side	2,003,771	16,434	-	-	2,020,205	(286,263)	1,733,942
390.1	Dunbar Storage	1,427,204	163,136	-	-	1,590,340	(225,351)	1,364,989
390.1	Greensburg 'A'	1,157,880	140,592	-	-	1,298,472	(183,993)	1,114,479
390.1	Greensburg 'B'	5,405,492	1,080,597	-	-	6,486,089	(919,079)	5,567,010
390.1	Greensburg 'C'	2,815,164	140,621	-	-	2,955,785	(418,835)	2,536,950
390.1	Greensburg Mai	10,392,056	441,717	-	-	10,833,774	(1,535,146)	9,298,628
390.1	Greensburg Par	2,184,355	27,658	-	-	2,212,013	(313,442)	1,898,571
390.1	Grnsbrg Secur	12,685	4,823	-	-	17,508	(2,481)	15,027
390.1	Jeanette Pwr C	193,694	72,043	-	-	265,737	(37,655)	228,082
390.1	Jeanette SC Ga	395,390	17,346	-	-	412,736	(58,485)	354,251
390.1	Jeanette Servi	3,224,712	99,766	-	-	3,324,478	(471,079)	2,853,400
390.1	Jefferson Serv	1,390,136	97,052	-	-	1,487,188	(210,735)	1,276,454
390.1	Kerns City Loc	50,566	-	-	-	50,566	(7,165)	43,401
390.1	Kittanning SC	1,989,472	50,831	-	-	2,040,303	(289,111)	1,751,192
390.1	Kittanning Ser	447,027	-	-	-	447,027	(63,344)	383,683
390.1	Latrobe Servic	1,872,675	18,539	-	-	1,891,214	(267,985)	1,623,229
390.1	Ligonier Opera	50,090	-	-	-	50,090	(7,098)	42,993
390.1	McConnellsburg	105,020	59,236	-	-	164,256	(23,275)	140,981
390.1	McDonald Servi	(0)	(0)	-	-	(0)	0	(0)
390.1	New Bethlehem	1,389	27	-	-	1,416	(201)	1,215
390.1	Pleasant Valle	1,625,865	163,228	-	-	1,789,093	(253,514)	1,535,578
390.1	St Col Ser Ct	59,794	3,730	-	-	63,524	(9,001)	54,522
390.1	St Marys SC Ga	279,224	45,939	-	-	325,163	(46,076)	279,088
390.1	St Marys Servi	1,737,770	117,626	-	-	1,855,396	(262,910)	1,592,487
390.1	State Co Gar	567,493	29,754	-	-	597,247	(84,630)	512,617
390.1	Uniontown Serv	31,963	2,854	-	-	34,817	(4,934)	29,883
390.1	Washington Ser	1,280,154	73,400	-	-	1,353,554	(191,799)	1,161,755
390.1	Waynesboro SC	994,214	76,742	-	-	1,070,956	(151,754)	919,201
390.1	Waynesboro Ser	397,322	235	-	-	397,557	(56,334)	341,223
390.1	Yukon SS Stora	246,988	5,830	-	-	252,818	(35,824)	216,993
390.2	Imp Ls P GbgCL	56,166	-	-	-	56,166	(7,959)	48,208
390.2	Imp Ls Prp Cha	371	46	-	-	417	(59)	358
390.2	Imp Ls Prp Crd	1,092	125	-	-	1,217	(172)	1,044
390.2	Imp Ls Prp Gbg	13,569	6,068	-	-	19,637	(2,783)	16,854
390.2	Imp Ls Prp Har	1,260	-	-	-	1,260	(178)	1,081
390.2	Imp Ls Prp Pal	677,906	-	-	-	677,906	(96,059)	581,846
390.2	Imp Ls Prp St	825,033	-	-	-	825,033	(116,907)	708,125
390.2	Imp Ls Prp Uni	170,514	235	-	-	170,749	(24,195)	146,554
390.2	Imp LsPrp Kitt	25,566	-	-	-	25,566	(3,623)	21,944
390.2	Imp Prp Gbg CC	18,926	-	-	-	18,926	(2,682)	16,244
391.1	Office Furnitu	7,210,722	471,860	-	-	7,682,582	(1,088,622)	6,593,960
391.2	Information Sy	3,846,437	1,616,767	(733,427)	-	4,729,777	(670,209)	4,059,567
391.3	Data Handling	514,071	75,197	-	-	589,268	(83,499)	505,769
391.4	Computers	1,547,493	-	-	-	1,547,493	(219,280)	1,328,214
391.5	Smart Meters H	1,264,574	872,523	-	-	2,137,097	-	2,137,097
392	Transportation	184,078	22,564	-	-	206,642	(29,281)	177,361
392.002	Light Trucks	561,047	63,578	-	-	624,624	(88,509)	536,115
392.003	Medium & Heavy	409,218	131,307	-	-	540,525	(76,592)	463,933
392.004	Trailers	230,197	47	-	-	230,244	(32,626)	197,618
392.006	All Terrain Ve	72,277	24,126	-	-	96,403	(13,660)	82,743
393	Stores Equipme	552,452	37,825	-	-	590,277	(83,642)	506,635
394	Tools,Shop,Gar	6,483,118	891,733	-	-	7,374,850	(1,045,016)	6,329,834
395	Laboratory Equ	1,286,103	71,028	-	-	1,357,131	(192,306)	1,164,826
396	Power Operated	167,391	4,373	-	-	171,764	(24,339)	147,425
397	Communications	8,241,615	1,920,821	-	-	10,162,436	(2,980,642)	7,181,793
398	Misc Equipment	1,315,297	187,729	-	-	1,503,026	(212,979)	1,290,048
399.1	ARO General Pl	209,179	-	-	-	209,179	(209,179)	-
	TOTAL GENERAL	$ 89,938,021	$10,872,235	$ (733,427)	$ -	$ 100,076,829	$ (15,598,223)	$ 84,478,605
	TOTAL	$999,560,557	$66,943,232	$(12,871,575)	$ -	$1,053,632,215	$(227,432,758)	$ 826,199,457

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/16 to 12/31/16
Target Reserves

Acct No	Description	Balance 1/11/16	Budget Activity			Balance 12/31/16	Adjustments	Adjusted Balance 12/31/16
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	INTANGIBLE PLANT							
303	Software misc 5 yr	$ 2,699,688	$ 238,668	$ -	$ -	$ 2,938,356	$ (416,365)	$ 2,521,991
303	Software misc 7 yr	9,469,145	4,541,226	-	-	14,010,371	(1,985,270)	12,025,101
303	Software Smart Meters 7 yr	889,097	2,083,016	-	-	2,972,113	-	2,972,113
3031	Software Smart Meters 10 yr	11,833,634	2,633,220	-	-	14,466,854	-	14,466,854
	TOTAL INTANGIBLE PLANT	$ 24,891,564	$ 9,496,130	$ -	$ -	$ 34,387,694	$ (2,401,635)	$ 31,986,059
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans. Subs.	$ 14,359,583	$ 522,750	$ -	$ -	$ 14,882,333	$ (14,882,333)	$ -
350.12	Easements - Trans. Lines	4,934	4,877	-	-	9,811	(9,811)	-
352.1	Structures, Improvements	2,495,853	133,773	-	-	2,629,626	(2,629,626)	-
353	Station Equipment	45,620,247	2,105,895	(48)	-	47,726,094	(47,711,776)	14,318
354	Towers And Fixtures	23,461,934	769,319	(2,007,673)	-	22,223,580	(22,223,580)	-
355	Poles And Fixtures	26,886,233	1,287,675	-	-	28,173,908	(28,173,908)	-
356.1	Overhd Conductr, Devices	33,583,621	291,136	-	-	33,874,757	(33,800,233)	74,524
356.2	Clearing, Grading of Land	9,880,171	17,877	-	-	9,898,048	(9,894,089)	3,959
356.2	Clearing, Grading of Land	24,903	4,349	-	-	29,252	(28,170)	1,082
358	Undergrnd Conductr,Devices	107,739	8,609	-	-	116,348	(114,021)	2,327
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	917	-	-	-	917	(917)	-
	TOTAL TRANSMISSION PLANT	$ 156,426,135	$ 5,146,260	$ (2,007,721)	$ -	$ 159,564,674	$ (159,468,464)	$ 96,211
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 4,149,700	$ 173,375	$ -	$ -	$ 4,323,075	$ -	$ 4,323,075
360.12	Easements - Dist. Lines	9,759	9,645	-	-	19,404	-	19,404
361.1	Structures, Improvements	7,299,339	295,642	(10,498)	-	7,584,483	-	7,584,483
362	Station Equipment	348	357	-	-	705	-	705
362.1	Station Equipment Scada	97,493,990	5,035,129	(553,961)	-	101,975,158	-	101,975,158
364	Poles, Towers And Fixtures	102,549,753	6,640,660	(2,721,248)	-	106,469,165	-	106,469,165
365	Overhd Conductr, Devices	73,535,088	7,098,189	(3,070,639)	-	77,562,638	-	77,562,638
365.1	Clearing, Grading of Land	19,819,514	2,584,422	(177,472)	-	22,226,464	-	22,226,464
366	Underground Conduit	6,849,209	517,754	-	-	7,366,963	-	7,366,963
367	Undergrnd Conductr,Devices	38,688,761	3,559,176	(911,010)	-	41,336,927	-	41,336,927
368	Line Transformers	123,488,892	9,445,498	(1,857,228)	-	131,077,162	-	131,077,162
369	Services	39,885,407	2,570,472	(565,473)	-	41,890,406	-	41,890,406
370	Meters	-	-	-	-	-	-	-
370.3	Smart Meters - 15yr Life	1,669,185	153,376	-	-	1,822,561	-	1,822,561
370.3	Smart Meter Commercial - 15yr Life	120,601	190,405	-	-	311,006	-	311,006
370.3	Smart Meter Industrial - 15yr Life	689	982	-	-	1,671	-	1,671
370.3	Smart Meter Infrastructure-15yr L	26,139	51,666	-	-	77,805	-	77,805
370.3	Smart Meter Residential - 15yr Life	268,109	1,337,323	-	-	1,605,432	-	1,605,432
370.3	WP Plan A/B - 15yr Life	955,088	955,448	-	-	1,910,536	(1,910,536)	-
371	Inst. On Cust. Prem.	987,953	358,336	(3,924)	-	1,342,365	-	1,342,365
372	Leased Property Cust Premis	155,349	5,130	-	-	160,479	-	160,479
373.1	Street Light - Oh, Ug Lines	8,020,109	1,042,256	(258,709)	-	8,803,656	-	8,803,656
374	ARC Distribution	6,758	-	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION PLANT	$ 525,979,740	$ 42,025,241	$ (10,130,162)	$ -	$ 557,874,819	$ (1,917,294)	$ 555,957,525
	GENERAL PLANT							
389.2	Easements	$ 100,080	$ 4,016	$ -	$ -	$ 104,096	$ (14,750)	$ 89,346
390.1	Structures, Improvements	49,077,249	4,308,197	-	-	53,385,446	(7,564,718)	45,820,728
390.3	Struct Imprv, Leasehold Imp	1,577,652	-	-	-	1,577,652	(223,553)	1,354,099
391.1	Office Furn., Mech. Equip.	7,137,638	287,601	-	-	7,425,239	(1,052,156)	6,373,082
391.2	Office Machines	3,769,292	83,885	-	1	3,853,178	(545,995)	3,307,183
391.3	Data Processing Equipment	313,941	1,048,131	(733,427)	-	628,644	(89,079)	539,565
391.4	Computers	1,546,590	-	-	-	1,546,590	(219,152)	1,327,438
391.5	Data Processing Equipment Smart meters	1,011,002	1,534,834	-	-	2,545,836	-	2,545,836
392	Transportation Equipment	997,231	325,755	-	-	1,322,986	(187,467)	1,135,519
393	Stores Equipment	578,114	41,537	-	-	619,651	(87,805)	531,846
394	Tools, Shop, Garage Equip.	6,582,872	903,894	-	-	7,486,766	(1,060,875)	6,425,891
395	Laboratory Equipment	1,327,354	90,846	-	-	1,418,200	(200,959)	1,217,241
396	Power Operated Equipment	129,847	4,686	-	-	134,533	(19,063)	115,470
397	Communication Equipment	8,272,479	1,995,191	-	-	10,267,670	(3,011,508)	7,256,162
398	Misc. Equipment	1,440,246	190,373	-	-	1,630,619	(231,059)	1,399,560
399.1	ARC General Plant	209,179	-	-	-	209,179	(209,179)	-
	TOTAL GENERAL PLANT	$ 84,070,765	$ 10,818,946	$ (733,427)	$ 1	$ 94,156,285	$ (14,717,317)	$ 79,438,967
	TOTAL	$ 791,368,204	$ 67,486,577	$ (12,871,310)	$ 1	$ 845,983,472	$ (178,504,709)	$ 667,478,763

WEST PENN POWER COMPANY

Original Cost of Plant, Reserves and Accruals by Functions for Historical Test Year Ended 12/31/2015

FILING REQUIREMENT V-A-1:

"Provide schedules supporting claimed amounts for Electric Plant in Service by function and by account if available."

FILING REQUIREMENT V-A-2:

"Provide a comparison of calculated depreciation reserve versus book reserve at the end of the test year. Provide this comparison by functional group and by account if available."

FILING REQUIREMENT V-B-1:

"Provide a comparison of calculated depreciation accruals versus book accruals by function and by account if available."

FILING REQUIREMENT V-D-1:

"Provide the surviving original cost plant at the appropriated test year date or dates by account and functional property group and include claimed depreciation reserves. Provide annual depreciation accruals where appropriate. These calculations should be provided for plant in service as well as other categories of plant, including but not limited to, contributions in aid of construction, customers' advances for construction and anticipated retirements associated with construction work in progress claims, if applicable."

RESPONSE:

V-A-1

See West Penn Exhibit RAD-48 Attachments A and B.

V-A-2

See West Penn Exhibit RAD-48 Attachments A and B.

V-B-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-7.

V-D-1

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-10.

West Penn Power Company
Accrual Expense Computation after Adjustments
At Historical Year from January 2015 to December 2015
($000)

Line No.	Description	Adjusted Plant Balances			Book Depreciation Reserve	Depreciation Reserve Ratio	Net Uncovered Book Plant	Accrual Equal Life Group Basis		Target Reserve	Book Reserve	Difference	Difference as a % of Target Reserve
		Non Depreciable	Depreciable	Total				Amount	Effective Rate				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Transmission	$ -	$ 9,316	$ 9,316	$ 226	2.43%	$ 9,090	$ 136	1.46%	$ 95	$ 226	$ (132)	-139.21%
2	Distribution	6,328	1,895,188	1,901,516	680,882	35.81%	1,220,633	38,939	2.05%	525,018	680,882	(155,864)	-29.69%
3	General Plant	1,550	166,419	167,969	75,944	45.21%	92,025	8,727	5.24%	70,868	75,944	(5,076)	-7.16%
4	Subtotal	$ 7,878	$ 2,070,923	$ 2,078,801	$ 757,052	36.42%	$ 1,321,749	$ 47,802	2.31%	$ 595,980	$ 757,052	$ (161,072)	-27.03%
5	Intangible Plant	$ 157	$ 64,826	$ 64,983	$ 22,225	34.20%	$ 42,758	$ 8,193	12.64%	$ 23,167	$ 22,225	$ 942	4.07%
6	Total	$ 8,035	$ 2,135,749	$ 2,143,784	$ 779,277	36.35%	$ 1,364,507	$ 55,995	2.62%	$ 619,147	$ 779,277	$ (160,130)	-25.86%
	Exhibit Reference	RAD-48 Attachment A P 1	RAD-48 Attachment A P 1	RAD-48 Attachment A P 1	RAD-48 Attachment A P 2-4			RAD-53 Attachment A P 1		RAD-48 Attachment A P 5	RAD-48 Attachment A P 2-4		

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/15
Plant-In-Service

Acct No	Description	Balance 1/1/15	Actual Activity: Additions	Actual Activity: Retirements	Actual Activity: Transfers/ Adjustments	Balance 12/31/15	Adjustments	Adjusted Balance 12/31/15
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	NONDEPRECIABLE PLANT							
	Intangible Plant							
301	Organization	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
302	Franchise And Consents	-	-	-	-	-	-	-
	Total Intangible Plant	$ 156,797	$ -	$ -	$ -	$ 156,797	$ -	$ 156,797
	Land							
350.11	Transmission Substations	$ 1,860,308	$ 442	$ -	$ 440,565	$ 2,301,315	$ (2,301,315)	$ -
350.21	Transmission Lines	195,536	1,352	-	-	196,888	(196,888)	-
360.11	Distribution Substations.	6,326,936	642	(37,383)	37,446	6,327,641	-	6,327,641
360.21	Distribution Lines	-	-	-	-	-	-	-
389.1	General	2,130,270	-	-	(324,032)	1,806,238	(255,944)	1,550,294
	Total Land	$ 10,513,050	$ 2,436	$ (37,383)	$ 153,980	$ 10,632,082	$ (2,754,147)	$ 7,877,935
	TOTAL NON-DEPRECIABLE PLANT	$ 10,669,847	$ 2,436	$ (37,383)	$ 153,980	$ 10,788,879	$ (2,754,147)	$ 8,034,732
	INTANGIBLE PLANT							
303	Misc. Intangible Plant 5 yr	$ 1,193,339	$ -	$ -	$ -	$ 1,193,339	$ (169,096)	$ 1,024,243
303	Misc. Intangible Plant 7 yr	24,160,714	6,628,446	-	(1,244,921)	29,544,240	(4,186,419)	25,357,821
303	Software Smart Meters 7 yr	-	11,780,464	-	331,579	12,112,043	-	12,112,043
3031	Software Smart Meters 10 yr	26,286,896	-	-	45,304	26,332,200	-	26,332,200
	TOTAL INTANGIBLE PLANT	$ 51,640,949	$ 18,408,910	$ -	$ (868,037)	$ 69,181,822	$ (4,355,515)	$ 64,826,307
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans. Subs.	$ 30,905,193	$ 3	$ -	$ 26,786	$ 30,931,981	$ (30,931,981)	$ -
350.22	Easements - Trans. Lines	288,073	-	-	489	288,562	(288,562)	-
352.1	Structures, Improvements	6,742,068	-	(5,636)	1,041,075	7,777,507	(7,777,507)	-
353	Station Equipment	128,484,294	7,961,764	(328,744)	(253,315)	135,863,999	(135,617,773)	246,226
354	Towers And Fixtures	44,819,481	74,472	(14,245)	792,159	45,671,867	(45,671,867)	-
355	Poles And Fixtures	69,296,327	3,618,173	(441,201)	334,663	72,807,962	(72,039,593)	768,369
356.1	Overhd Conductr, Devices	72,700,583	1,093,738	(590,640)	(453,695)	72,749,987	(72,205,040)	544,947
356.2	Clearing, Grading of Land	31,353,175	891,163	-	467,619	32,711,957	(24,981,774)	7,730,183
356.2	Clearing, Grading of Land	4,488,913	2,972,514	-	(4,292,508)	3,168,918	(3,168,918)	-
358	Undergrnd Conductr,Devices	284,333	9,482	-	24	293,839	(267,091)	26,748
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	1,721	-	-	-	1,721	(1,721)	-
	TOTAL TRANSMISSION PLANT	$ 389,364,160	$ 16,621,309	$ (1,380,466)	$ (2,336,703)	$ 402,268,300	$(392,951,826)	$ 9,316,474
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 10,256,690	$ 12	$ -	$ 2,196	$ 10,258,899	$ -	$ 10,258,899
360.22	Easements - Dist. Lines	569,707	-	-	982	570,689	-	570,689
361.1	Structures, Improvements	20,944,156	459,297	(28,147)	476,863	21,852,169	-	21,852,169
361.2	Clearing and Grading	-	1,797	-	24,678	26,475	-	26,475
362	Station Equipment	308,994,286	5,659,135	(1,480,576)	1,009,116	314,181,961	-	314,181,961
364	Poles, Towers And Fixtures	333,571,209	12,371,212	(149,942)	(1,013,375)	344,779,104	-	344,779,104
365	Overhd Conductr, Devices	320,175,722	11,165,363	(2,444,787)	(1,455,110)	327,441,187	-	327,441,187
365.1	Clearing, Grading of Land	152,171,494	24,109,376	-	1,156,474	177,437,344	-	177,437,344
366	Underground Conduit	21,242,962	123,226	(617)	29,239	21,394,810	-	21,394,810
367	Undergrnd Conductr,Devices	138,016,314	8,667,238	(515,852)	545,312	146,713,012	-	146,713,012
368	Line Transformers	358,313,533	12,238,296	(2,674,392)	1,584,949	369,462,386	-	369,462,386
369	Services	100,885,526	4,040,441	(114,737)	195,257	105,006,487	-	105,006,487
370	Meters	92,726,040	4,063,089	(1,327,912)	(95,461,216)	-	-	-
370.3	Smart Meters non categorized - 15yr Life	16,682,305	2,254,836	14,530	(16,652,180)	2,299,491	-	2,299,491
370.3	Smart Meter Commercial - 15yr Life	3,208	2,070,365	(783)	781,855	2,854,646	-	2,854,646
370.3	Smart Meter Industrial - 15yr Life	-	8,779	-	5,942	14,722	-	14,722
370.3	Smart Meter Infrastructure-15yr L	174,847	605,007	(5,534)	278	774,598	-	774,598
370.3	Smart Meter Residential - 15yr Life	-	4,812,097	-	1,613,572	6,425,668	-	6,425,668
370.3	WP Plan A/B - 15yr Life	-	-	(373)	14,324,933	14,324,560	(14,324,560)	-
371	Inst. On Cust. Prem.	678,217	277,140	(98,429)	7,844,061	8,700,989	-	8,700,989
372	Leased Property Cust Premis	296,547	-	-	-	296,547	-	296,547
373.1	Street Light - Oh, Ug Lines	35,582,143	1,557,506	(234,332)	(7,683,045)	29,222,272	5,474,424	34,696,696
374	ARC Distribution	15,613	-	-	-	15,613	(15,613)	-
	TOTAL DISTRIBUTION PLANT	$1,911,300,518	$ 94,484,211	$ (9,061,883)	$(92,669,220)	$1,904,053,627	$ (8,865,748)	$1,895,187,879
	GENERAL PLANT							
389.2	Easements	$ 293,143	$ -	$ -	$ 10	$ 293,153	$ (41,540)	$ 251,614
390.1	Structures, Improvements	114,848,522	3,416,705	(995,180)	(832,278)	116,437,769	(16,499,232)	99,938,537
390.3	Struct Imprv, Leasehold Imp	1,770,695	953	-	13,464	1,785,113	(252,950)	1,532,162
391.1	Office Furn., Mech. Equip.	9,911,533	17	(224,840)	62,477	9,749,187	(1,381,460)	8,367,727
391.15	Office Machines	586,921	-	-	95	587,016	(83,180)	503,836
391.2	Data Processing Equipment	9,812,763	5,523,798	(796,246)	(1,565,409)	12,974,905	(1,838,544)	11,136,361
391.4	Personal Computers	1,857,087	-	(310,496)	902	1,547,492	(219,280)	1,328,213
391.5	Pa Smart Meters H	2,889,962	2,352,602	(229,291)	1,200,364	6,213,637	-	6,213,637
392	Transportation Equipment	3,905,373	638,056	(307,835)	84,766	4,320,360	(612,195)	3,708,165
393	Stores Equipment	813,484	-	(40,001)	24	773,507	(109,606)	663,901
394	Tools, Shop, Garage Equip.	13,262,055	935,857	(250,066)	(41,784)	13,906,062	(1,970,489)	11,935,573
395	Laboratory Equipment	1,786,287	-	(32,835)	330	1,753,782	(248,511)	1,505,271
396	Power Operated Equipment	209,182	-	-	31	209,213	(29,645)	179,568
397	Communication Equipment	24,110,074	97,838	(90,040)	66,258	24,184,130	(7,093,205)	17,090,925
398	Misc. Equipment	2,433,222	-	(32,615)	3,091	2,403,698	(340,604)	2,063,094
399.1	ARC General Plant	735,525	-	(3,011)	-	732,514	(732,514)	-
	TOTAL GENERAL PLANT	$ 189,225,828	$ 12,965,826	$ (3,312,457)	$ (1,007,658)	$ 197,871,538	$ (31,452,955)	$ 166,418,583
	TOTAL	$2,552,201,302	$142,482,692	$(13,792,189)	$(96,727,638)	$2,584,164,167	$(440,380,192)	$2,143,783,975

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/15
Book Reserves

Acct No	Description	Balance 1/1/15	Actual Activity			Balance 12/31/15	Adjustments	Adjusted Balance 12/31/15
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	INTANGIBLE PLANT							
303	Software 2007	$ 158,286	$ 22	$ -	$ -	$ 158,308	$ (22,432)	$ 135,876
303	Software 2008	226,406	129	-	-	226,535	(32,100)	194,435
303	Software 2009	298,973	270	-	-	299,243	(42,403)	256,840
303	Software 2010	942,466	171,405	-	-	1,113,871	(157,836)	956,035
303	Software 2011	312,342	95,937	-	-	408,279	(57,853)	350,426
303	Software 2012	1,402,296	2,056,437	-	-	3,458,733	(490,102)	2,968,631
303	Software 2013	461,385	1,047,167	-	(43,898)	1,464,654	(207,541)	1,257,113
303	Software 2014	27,722	338,987	-	-	366,709	(51,963)	314,746
303	Software misc 5 yr	1,193,340	-	-	-	1,193,340	(169,096)	1,024,244
303	Software misc 7 yr	1,879,542	585,951	-	-	2,465,493	(349,360)	2,116,133
303	Software Smart Meters 7 yr	-	555,761	-	43,898	599,659	-	599,659
3031	Software Smart Meters 10 yr	9,418,650	2,633,852	-	(1,597)	12,050,905	-	12,050,905
	TOTAL INTANGIBLE PLANT	$ 16,321,408	$ 7,485,918	$ -	$ (1,597)	$ 23,805,729	$ (1,580,687)	$ 22,225,042
	TRANSMISSION PLANT							
350.203	Transmission R	$ 384,746	$ 13,082	$ -	$ -	$ 397,828	$ (397,828)	$ -
350.204	Transmission R	2,641,628	105,172	-	-	2,746,800	(2,746,800)	-
35012	Transmission R	8,671,466	371,879	-	909	9,044,254	(9,044,254)	-
35022	Transmission R	8,226	4,560	-	-	12,787	(12,787)	-
352.002	Struct & Impvt	1,182,868	37,898	(5,637)	35,196	1,250,326	(1,250,326)	-
352.003	Struct & Impvt	321,521	11,937	-	-	333,459	(333,459)	-
352.004	Struct & Impvt	1,304,904	38,380	-	-	1,343,284	(1,343,284)	-
353.102	Substation Equ	6,239,392	527,105	(76,874)	(15,440)	6,674,182	(6,667,238)	6,944
353.103	Substation Equ	2,943,363	78,609	(202,492)	-	2,819,480	(2,819,480)	-
353.104	Substation Equ	8,052,513	241,887	(31,560)	(7,348)	8,255,492	(8,255,492)	-
353.202	Substation Equ	13,739,283	281,737	(24,666)	(5,613)	13,990,741	(13,990,741)	-
353.203	Substation Equ	3,838,258	112,041	6,984	-	3,957,283	(3,957,283)	-
353.204	Substation Equ	12,363,406	298,501	(135)	(8,307)	12,653,466	(12,653,466)	-
353.402	Scada Equip 13	449,458	313	-	-	449,771	(449,771)	-
353.403	Scada Equip 23	251,541	198	-	-	251,739	(251,739)	-
353.404	Scada Equip 50	18,644,051	11,227	-	-	18,655,278	(18,655,278)	-
354.002	Towers & Fixtu	14,466,446	209,701	(14,245)	(5,969)	14,655,933	(14,655,933)	-
354.003	Towers & Fixtu	138,085	2,021	-	-	140,106	(140,106)	-
354.004	Towers & Fixtu	14,078,684	188,181	-	(959)	14,265,906	(14,265,906)	-
355.002	Poles & Fixtur	31,813,816	952,082	(439,153)	(112,051)	32,214,694	(32,165,257)	49,437
355.003	Poles & Fixtur	3,022,733	65,112	(2,047)	(319)	3,085,479	(3,085,479)	-
355.004	Poles & Fixtur	131,425	2,785	-	-	134,210	(134,210)	-
356.102	Cond. & Device	32,403,677	532,699	(588,205)	(179,412)	32,168,760	(32,159,521)	9,239
356.103	Cond. & Device	3,110,722	34,834	(2,190)	-	3,143,365	(3,143,365)	-
356.104	Cond. & Device	12,756,825	142,879	(245)	-	12,899,459	(12,899,459)	-
356.202	Clearing & Dam	6,765,409	368,435	-	(0)	7,133,844	(6,973,979)	159,865
356.203	Clearing & Dam	510,655	17,500	-	-	528,155	(528,155)	-
356.204	Clearing & Dam	1,412,879	57,022	-	-	1,469,901	(1,469,901)	-
35620	Clearing & Dam	103,761	50,855	-	-	154,616	(154,616)	-
358.102	UG Cond & Dev	95,876	7,371	-	-	103,247	(102,439)	808
359.101	Trans ARO	880	37	-	-	917	(917)	-
	TOTAL TRANSMISSION	$ 201,848,501	$ 4,766,040	$ (1,380,466)	$ (299,314)	$ 204,934,761	$ (204,708,468)	$ 226,293

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/15
Book Reserves

Acct No	Description	Balance 1/1/15	Actual Activity			Balance 12/31/15	Adjustments	Adjusted Balance 12/31/15
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	DISTRIBUTION PLANT							
360.201	Right of Way 3	$ 877,227	$ 36,719	$ -	$ -	$ 913,946	$ -	$ 913,946
360.202	Right of Way 1	38,944	4,919	-	-	43,863	-	43,863
360.209	Right of Way D	2,288,988	101,202	-	-	2,390,190	-	2,390,190
36011	Distribution L	0	-	(37,383)	37,383	0	-	0
36012	Rights of Way	261,618	13,857	-	639	276,114	-	276,114
36022	Rights/Way line	12,253	8,619	-	-	20,873	-	20,873
361.1	Structures & I	8,967,165	264,675	(28,147)	(13,718)	9,189,975	-	9,189,975
36120	Clearing of Ind	-	258	-	-	258	-	258
362.1	Substation Eq	59,029,430	1,754,866	(826,841)	(33,879)	59,923,575	-	59,923,575
362.2	Substation Eq	86,487,289	2,052,876	(632,246)	(24,670)	87,883,248	-	87,883,248
362.4	Substation Eq	4,347,538	26,063	(21,488)	-	4,352,112	-	4,352,112
364.001	Poles & Fixtur	27,660,538	2,681,884	(93,152)	(1,416,888)	28,832,382	-	28,832,382
364.009	Poles & Fixtur	106,489,823	4,726,912	(56,790)	(114,056)	111,045,889	-	111,045,889
365.101	Cond & Devices	21,709,037	2,358,396	(916,491)	(1,528,880)	21,622,062	-	21,622,062
365.109	Cond & Devices	86,721,329	3,838,558	(1,528,296)	(4,632,896)	84,398,695	-	84,398,695
365.111	Adjustment for	(4,263,799)	-	-	4,263,799	0	-	0
365.201	Clearing &Dama	3,839,672	1,614,839	-	-	5,454,512	-	5,454,512
365.209	Clearing &Dama	12,419,755	661,098	-	-	13,080,852	-	13,080,852
366.001	Undergrd Condu	2,378,528	171,366	-	(23,545)	2,526,349	-	2,526,349
366.009	Undergrd Condu	1,991,558	297,727	(617)	16,613	2,305,282	-	2,305,282
367.101	Ugrd Cond & De	860,132	779,741	(461,718)	2,135,351	3,313,506	-	3,313,506
367.109	Ugrd Cond & De	42,663,053	2,499,053	(54,134)	(2,586,025)	42,521,946	-	42,521,946
368.1	OH Line Transf	100,133,283	5,936,098	(2,460,213)	(5,443,568)	98,165,600	-	98,165,600
368.2	OH Line Transf	(4,389,317)	13,432	(12,721)	4,388,605	(0)	-	(0)
368.3	UG Line Transf	43,074,729	2,318,085	(201,458)	(2,018,509)	43,172,846	-	43,172,846
368.4	UG Line Transf	(1,987,505)	4,839	-	1,982,666	(0)	-	(0)
369.1	Overhead Servi	20,984,928	1,396,131	(114,737)	(295,279)	21,971,044	-	21,971,044
369.2	Underground Se	20,254,302	940,149	-	(319)	21,194,131	-	21,194,131
370.1	Meters (Materi	30,245,443	900,852	(1,292,042)	(31,506,825)	(1,652,572)	1,652,572	-
370.2	Meters (Instal	10,959,436	317,117	(35,871)	(11,888,550)	(647,868)	647,868	-
370.3	Smrt Mtrs	2,155,104	634,314	14,530	(2,627,534)	176,415	-	176,415
370.3	Smrt Mtrs Com	57	101,079	(783)	69,492	169,845	-	169,845
370.3	Smrt Mtrs Ind	-	464	-	507	971	-	971
370.3	Smrt Mtrs Infra structure	3,181	25,917	(5,534)	-	23,564	-	23,564
370.3	Smrt Mtrs Res	-	197,446	-	112,412	309,858	-	309,858
370.3	Smrt Meters A/B	-	477,465	(373)	2,033,851	2,510,942	(2,510,942)	-
371	Inst on Cust P	266,978	256,632	(98,429)	3,462,980	3,888,161	-	3,888,161
372.1	Lease Prop Cus	202,998	4,212	-	-	207,210	-	207,210
372.2	Lease Prop Cus	29,103	621	-	-	29,724	-	29,724
373.2	Outdoor/Street	13,976,967	1,383,576	(234,332)	(3,866,420)	11,259,790	-	11,259,790
374	Dist ARO	5,826	932	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION	$ 700,695,589	$38,802,988	$ (9,099,266)	$(49,517,265)	$680,882,047		$ 680,882,047
	GENERAL PLANT							
389.2	General Plant	$ 105,525	$ 3,723	$ -	$ -	$ 109,248	$ (15,480)	$ 93,767
390.1	Arnold SC & Ca	1,292,409	84,621	(176)	(20,938)	1,355,916	(192,133)	1,163,783
390.1	Boyce Service	225,820	87,559	(25,683)	(12,782)	274,914	(38,955)	235,958
390.1	Butler Service	1,071,497	28,738	(1,776)	(3,515)	1,094,944	(155,154)	939,790
390.1	Charleroi Serv	1,960,542	349,659	(45,043)	(17,866)	2,247,292	(318,441)	1,928,851
390.1	Clarion Servic	318,561	49,946	-	-	368,507	(52,217)	316,290
390.1	Coudersport OC	43,963	1,576	-	-	45,540	(6,453)	39,087
390.1	Cville	20,538	1,691	-	-	22,229	(3,150)	19,079
390.1	Cville Auto Wa	38,388	1,394	-	-	39,782	(5,637)	34,145
390.1	Cville Blacksm	28,914	941	-	-	29,854	(4,230)	25,624
390.1	Cville Boiler	47,196	10,052	-	-	57,248	(8,112)	49,136
390.1	Cville Carpent	50,118	2,023	-	-	52,142	(7,388)	44,753
390.1	Cville Confere	1,096,337	80,333	-	-	1,176,670	(166,734)	1,009,936
390.1	Cville Cvd Sto	910,750	403,191	(19,119)	(78,196)	1,216,627	(172,396)	1,044,231
390.1	Cville Dry Kil	205	-	-	-	205	(29)	176
390.1	Cville Garage	1,564,519	61,240	(96,804)	(46,530)	1,482,424	(210,060)	1,272,365
390.1	Cville Gas Met	702	34	-	-	736	(104)	632
390.1	Cville Gen&Tra	466,731	149,148	-	(4,792)	611,087	(86,591)	524,496
390.1	Cville Hazardo	189,806	16,213	-	(33,493)	172,526	(24,447)	148,079
390.1	Cville Lumber	6,450	-	-	-	6,450	(914)	5,536
390.1	Cville Mobile	19,499	810	-	-	20,309	(2,878)	17,431
390.1	Cville Mtr Lab	482,761	104,602	(2,390)	(16,294)	568,679	(80,582)	488,097
390.1	Cville Oil Hou	5,611	305	-	-	5,915	(838)	5,077
390.1	Cville Oil St/	527,203	-	-	-	527,203	(74,705)	452,498
390.1	Cville Oil/Gre	849	36	-	-	885	(125)	760
390.1	Cville Quonset	187,042	12,347	-	-	199,389	(28,253)	171,135

West Penn Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/15
Book Reserves

Acct No	Description	Balance 1/1/15	Actual Activity			Balance 12/31/15	Adjustments	Adjusted Balance 12/31/15
			Accruals	Retirements	Transfers/ Adjustments			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	GENERAL PLANT							
390.1	Cville Secondh	38,468	6,223	-	(18,627)	26,064	(3,693)	22,371
390.1	Cville W Side	1,987,333	16,438	-	-	2,003,771	(283,934)	1,719,837
390.1	Dunbar Storage	1,266,266	160,939	-	-	1,427,204	(202,235)	1,224,969
390.1	Greensburg 'A'	1,030,180	138,487	-	(10,786)	1,157,880	(164,072)	993,809
390.1	Greensburg 'B'	4,376,070	1,074,151	-	(44,728)	5,405,492	(765,958)	4,639,534
390.1	Greensburg 'C'	2,693,447	140,375	(17,346)	(1,312)	2,815,164	(398,909)	2,416,255
390.1	Greensburg Mai	9,975,105	438,996	-	(22,045)	10,392,056	(1,472,554)	8,919,502
390.1	Greensburg Par	2,173,852	27,087	(14,498)	(2,085)	2,184,355	(309,523)	1,874,832
390.1	Grnsbrg Secur	6,381	6,304	-	-	12,685	(1,797)	10,887
390.1	Jeanette Pwr C	142,553	60,406	-	(9,265)	193,694	(27,446)	166,248
390.1	Jeanette SC Ga	378,044	17,346	-	-	395,390	(56,027)	339,363
390.1	Jeanette Servi	3,146,907	96,419	(1,991)	(16,623)	3,224,712	(456,942)	2,767,771
390.1	Jefferson Serv	1,352,172	115,087	(64,744)	(12,379)	1,390,136	(196,982)	1,193,154
390.1	Karns City Loc	49,916	651	-	-	50,566	(7,165)	43,401
390.1	Kittanning SC	1,957,641	34,707	-	(2,875)	1,989,472	(281,908)	1,707,564
390.1	Kittanning Garage	431,697	15,330	-	-	447,027	(63,344)	383,683
390.1	Latrobe Servic	1,859,458	17,691	(214)	(4,261)	1,872,675	(265,358)	1,607,317
390.1	Ligonier Opera	50,090	-	-	-	50,090	(7,098)	42,993
390.1	McConnellsburg	539,891	35,529	(389,388)	(81,012)	105,020	(14,881)	90,139
390.1	McDonald Servi	191,558	17,800	(4,658)	(204,701)	(0)	0	(0)
390.1	New Bethlehem	1,345	44	-	-	1,389	(197)	1,192
390.1	Pleasant Valle	1,599,022	153,963	(84,982)	(42,139)	1,625,865	(230,385)	1,395,480
390.1	St Col Ser Ct	53,658	6,136	-	-	59,794	(8,473)	51,321
390.1	St Marys SC Ga	233,802	45,853	-	(431)	279,224	(39,566)	239,658
390.1	St Marys Servi	1,621,016	117,393	-	(639)	1,737,770	(246,242)	1,491,528
390.1	State Co Gar	680,303	29,101	(141,911)	-	567,493	(80,414)	487,079
390.1	Uniontown Serv	28,743	4,138	-	(918)	31,963	(4,529)	27,434
390.1	Washington Ser	1,304,924	70,266	(84,458)	(10,578)	1,280,154	(181,398)	1,098,756
390.1	Waynesboro SC	938,023	57,788	-	(1,597)	994,214	(140,880)	853,334
390.1	Waynesboro SC Gara	390,475	6,847	-	-	397,322	(56,300)	341,021
390.1	Yukon SS Stora	237,570	9,417	-	-	246,988	(34,998)	211,989
390.2	Imp Ls P GbgCL	57,764	-	-	(1,597)	56,166	(7,959)	48,208
390.2	Imp Ls Prp Cha	324	46	-	-	371	(53)	318
390.2	Imp Ls Prp Crd	967	125	-	-	1,092	(155)	937
390.2	Imp Ls Prp Gbg	5,153	8,416	-	-	13,569	(1,923)	11,646
390.2	Imp Ls Prp Har	1,260	-	-	-	1,260	(178)	1,081
390.2	Imp Ls Prp Pal	643,685	912	-	33,309	677,906	(96,059)	581,846
390.2	Imp Ls Prp St	734,877	90,155	-	-	825,033	(116,907)	708,125
390.2	Imp Ls Prp Uni	96,734	73,683	-	97	170,514	(24,162)	146,352
390.2	Imp LsPrp Kitt	25,566	-	-	-	25,566	(3,623)	21,944
390.2	Imp Prp Gbg CC	11,322	7,604	-	-	18,926	(2,682)	16,244
391.1	Office Furnitu	6,956,783	478,779	(224,840)	-	7,210,722	(1,021,759)	6,188,962
391.2	Information Sy	3,770,082	1,017,320	(796,246)	(144,720)	3,846,437	(545,040)	3,301,397
391.3	Data Handling	438,873	75,198	-	-	514,071	(72,844)	441,227
391.4	Computers	1,857,990	-	(310,496)	-	1,547,493	(219,280)	1,328,214
391.5	Smart Meters H	610,738	738,408	(229,291)	144,719	1,264,574	-	1,264,574
392	Transportation	155,001	28,757	-	319	184,078	(26,084)	157,994
392.002	Light Trucks	762,696	71,003	(303,226)	30,574	561,047	(79,500)	481,546
392.003	Medium & Heavy	296,970	112,248	-	-	409,218	(57,986)	351,232
392.004	Trailers	230,952	-	(436)	(319)	230,197	(32,619)	197,578
392.006	All Terrain Ve	55,005	21,446	(4,174)	-	72,277	(10,242)	62,036
393	Stores Equipme	559,016	33,437	(40,001)	-	552,452	(78,282)	474,170
394	Tools,Shop,Gar	5,846,675	886,609	(250,066)	(100)	6,483,118	(918,658)	5,564,460
395	Laboratory Equ	1,246,967	71,972	(32,835)	-	1,286,103	(182,241)	1,103,863
396	Power Operated	163,019	4,373	-	-	167,391	(23,719)	143,672
397	Communications	6,405,357	1,927,298	(90,040)	(1,000)	8,241,615	(2,417,266)	5,824,349
398	Misc Equipment	1,158,303	189,609	(32,615)	-	1,315,297	(186,378)	1,128,920
399.1	ARO General Pl	187,946	21,232	(3,012)	3,012	209,179	(209,179)	-
	TOTAL GENERAL	$ 83,677,869	$10,229,724	$ (3,312,457)	$ (657,114)	$ 89,938,021	$ (13,993,994)	$ 75,944,026
	TOTAL	$1,002,543,367	$61,284,670	$(13,792,189)	$(50,475,290)	$999,560,557	$(220,283,149)	$ 779,277,409

West Pennsylvania Power Company
Original Cost - Plant and Depreciation Reserves
Activity Updated from 1/1/15 to 12/31/15
Target Reserves

Acct No	Description	Balance 1/1/15	Actual Activity: Accruals	Actual Activity: Retirements	Actual Activity: Transfers/ Adjustments	Balance 12/31/15	Adjustments	Adjusted Balance 12/31/15
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	INTANGIBLE PLANT							
303	Software misc 5 yr	$ 2,461,020	$ 238,668	$ -	$ -	$ 2,699,688	$ (382,546)	$ 2,317,142
303	Software misc 7 yr	5,720,876	3,748,269	-	-	9,469,145	(1,341,778)	8,127,367
303	Software Smart Meters 7 yr	-	889,097	-	-	889,097	-	889,097
3031	Software Smart Meters 10 yr	9,200,414	2,633,220	-	-	11,833,634	-	11,833,634
	TOTAL INTANGIBLE PLANT	$ 17,382,310	$ 7,509,254	$ -	$ -	$ 24,891,564	$ (1,724,324)	$ 23,167,240
	TRANSMISSION PLANT							
	TRANSMISSION PLANT							
350.12	Easements - Trans - subs	$ 13,830,646	$ 528,937	$ -	$ -	$ 14,359,583	$ (14,359,583)	$ -
350.12	Easements - Trans- lines	-	4,934	-	-	4,934	(4,934)	-
352.1	Structures, Improvements	2,365,333	136,156	(5,636)	-	2,495,853	(2,495,853)	-
353	Station Equipment	43,836,231	2,112,760	(328,744)	-	45,620,247	(45,606,561)	13,686
354	Towers And Fixtures	23,042,582	433,597	(14,245)	-	23,461,934	(23,461,934)	-
355	Poles And Fixtures	26,187,922	1,139,512	(441,201)	-	26,886,233	(26,886,233)	-
356.1	Overhd Conductr, Devices	33,529,025	645,236	(590,640)	-	33,583,621	(33,509,737)	73,884
356.2	Clearing, Grading of Land	9,402,629	477,542	-	-	9,880,171	(9,876,219)	3,952
356.2	Clearing, Grading of Land	-	24,903	-	-	24,903	(23,982)	921
358	Undergrnd Conductr,Devices	99,153	8,586	-	-	107,739	(105,584)	2,155
359	Roads And Trails	-	-	-	-	-	-	-
359.1	ARC Transmission	880	37	-	-	917	(917)	-
	TOTAL TRANSMISSION PLANT	$ 152,294,401	$ 5,512,200	$ (1,380,466)	$ -	$ 156,426,135	$ (156,331,537)	$ 94,598
	DISTRIBUTION PLANT							
360.12	Easements - Dist. Subs.	$ 3,974,273	$ 175,427	$ -	$ -	$ 4,149,700	$ -	$ 4,149,700
360.12	Easements - Dist. Lines	-	9,759	-	-	9,759	-	9,759
361.1	Structures, Improvements	7,033,228	294,258	(28,147)	-	7,299,339	-	7,299,339
361.2	Clearing & grading	-	348	-	-	348	-	348
362	Station Equipment	93,981,083	4,993,483	(1,480,576)	-	97,493,990	-	97,493,990
364	Poles, Towers And Fixtures	96,603,663	6,096,032	(149,942)	-	102,549,753	-	102,549,753
365	Overhd Conductr, Devices	69,518,257	6,461,618	(2,444,787)	-	73,535,088	-	73,535,088
365.1	Clearing, Grading of Land	17,404,927	2,414,587	-	-	19,819,514	-	19,819,514
366	Underground Conduit	6,325,022	524,804	(617)	-	6,849,209	-	6,849,209
367	Undergrnd Conductr,Devices	35,895,427	3,309,186	(515,852)	-	38,688,761	-	38,688,761
368	Line Transformers	116,973,337	9,189,947	(2,674,392)	-	123,488,892	-	123,488,892
369	Services	37,568,314	2,431,830	(114,737)	-	39,885,407	-	39,885,407
370	Meters	-	-	-	-	-	-	-
370.3	Smart Meters non classified	1,576,962	77,693	14,530	-	1,669,185	-	1,669,185
370.3	Smart Meters Commercial	-	121,384	(783)	-	120,601	-	120,601
370.3	Smart Meters Industrial	-	689	-	-	689	-	689
370.3	Smart Meters Infra structure	-	31,673	(5,534)	-	26,139	-	26,139
370.3	Smart Meters Residential	-	268,109	-	-	268,109	-	268,109
370.3	WP Plan A/B	-	955,461	(373)	-	955,088	(955,088)	-
371	Inst. On Cust. Prem.	704,025	382,357	(98,429)	-	987,953	-	987,953
372	Leased Property Cust Premis	149,922	5,427	-	-	155,349	-	155,349
373.1	Street Light - Oh, Ug Lines	7,309,082	945,359	(234,332)	-	8,020,109	-	8,020,109
374	ARC Distribution	5,826	932	-	-	6,758	(6,758)	-
	TOTAL DISTRIBUTION PLANT	$ 495,023,348	$ 38,690,363	$ (7,733,971)	$ -	$ 525,979,740	$ (961,846)	$ 525,017,895
	GENERAL PLANT							
389.2	Easements	$ 96,064	$ 4,016	$ -	$ -	$ 100,080	$ (14,181)	$ 85,899
390.1	Structures, Improvements	45,567,053	4,505,376	(995,180)	-	49,077,249	(6,954,246)	42,123,003
390.3	Struct Imprv, Leasehold Imp	1,577,652	-	-	-	1,577,652	(223,553)	1,354,099
391.1	Office Furn., Mech. Equip.	7,014,364	348,114	(224,840)	-	7,137,638	(1,011,403)	6,126,234
391.2	Office Machines	3,692,862	76,429	-	1	3,769,292	(534,109)	3,235,183
391.3	Data Processing Equipment	520,208	589,979	(796,246)	-	313,941	(44,485)	269,455
391.4	Computers	1,857,086	-	(310,496)	-	1,546,590	(219,152)	1,327,438
391.5	Data Processing Equipment Smart Meters	209,897	1,030,396	(229,291)	-	1,011,002	-	1,011,002
392	Transportation Equipment	994,669	310,397	(307,835)	-	997,231	(141,308)	855,923
393	Stores Equipment	589,549	28,566	(40,001)	-	578,114	(81,919)	496,195
394	Tools, Shop, Garage Equip.	6,025,930	807,008	(250,066)	-	6,582,872	(932,793)	5,650,079
395	Laboratory Equipment	1,288,850	71,339	(32,835)	-	1,327,354	(188,086)	1,139,268
396	Power Operated Equipment	124,575	5,272	-	-	129,847	(18,399)	111,448
397	Communication Equipment	6,437,773	1,924,746	(90,040)	-	8,272,479	(2,426,318)	5,846,161
398	Misc. Equipment	1,289,425	183,436	(32,615)	-	1,440,246	(204,083)	1,236,163
399.1	ARC General Plant	187,946	21,232	(3,012)	3,012	209,179	(209,179)	-
	TOTAL GENERAL PLANT	$ 77,473,903	$ 9,906,306	$ (3,312,457)	$ 3,013	$ 84,070,765	$ (13,203,214)	$ 70,867,551
	TOTAL	$ 742,173,962	$ 61,618,124	$ (12,426,894)	$ 3,013	$ 791,368,204	$ (172,220,920)	$ 619,147,284

WEST PENN POWER COMPANY

FILING REQUIREMENT V-A-3:

"Provide supporting schedules which indicate the procedures and calculations employed to develop the original cost plant and applicable reserves to the test year end as submitted in the current proceeding."

RESPONSE:

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-6.

WEST PENN POWER COMPANY

Original Cost Plant and Reserve and Accrual Rate Adjustments for Rate Case Purposes
(Fully Projected Future Test Year)

FILING REQUIREMENT V-A-4:

"Provide a schedule showing details of rate case adjustments."

RESPONSE:

This response provides original cost plant and reserve adjustments for rate case purposes at 12/31/17, the fully projected future test year. This information is in support of West Penn Exhibit RAD-46, Attachment B.

The following provide detail for plant and reserve adjustment items:

1. Asset Retirement Costs: No claim is being made for the Asset Retirement Costs related to the implementation of Statement of Financial Accounting Standards Statement 143 and FIN 47, Accounting for Conditional Asset Retirement Obligations. The Plant in Service was reduced by $748,127, budgeted book and calculated reserve have both been reduced by $215,937.

2. FERC Transmission Plant was removed because it is non-jurisdictional. Transmission Plant in Service was reduced by $418,958,840 and the budgeted book and calculated reserve accruals were reduced by $211,488,277 and $164,139,470, respectively.

3. A portion of Intangible Plant associated with the FERC Transmission Plant was removed. Intangible Plant in Service was reduced by $5,452,002; Intangible Plant book reserves were reduced by $3,088,843; and Intangible Plant calculated reserves were reduced by $3,157,290.

4. A portion of General Plant associated with FERC Transmission Plant was removed. General Plant in Service was reduced by $32,185,607; General Plant book reserves were reduced by $17,146,294; and General Plant calculated reserves were reduced by $16,298,027.

5. LED Streetlight plant in service was increased by $5,474,424 in accordance with the latest work plan. No corresponding book reserves or calculated reserves were included.

6. Plan B smart meters were removed. Plan B smart meter plant in service was reduced by $14,324,560; Plan B smart meter book reserves were reduced by $4,423,712; and Plan B smart meter calculated reserves were reduced by $2,865,984.

7. Legacy meter book reserves in the amount of $1,101,028 were inadvertently budgeted and are being removed. No elimination of corresponding plant in service or calculated reserve amounts was necessary.

WEST PENN POWER COMPANY

Original Cost Plant and Reserve and Accrual Rate Adjustments for Rate Case Purposes
(Future Test Year)

FILING REQUIREMENT V-A-4:

"Provide a schedule showing details of rate case adjustments."

RESPONSE:

This response provides original cost plant and reserve adjustments for rate case purposes at 12/31/16, the future test year. This information is in support of West Penn Exhibit RAD-47, Attachment B.

The following provide detail for plant and reserve adjustment items:

1. Asset Retirement Costs: No claim is being made for the Asset Retirement Costs related to the implementation of Statement of Financial Accounting Standards Statement 143 and FIN 47, Accounting for Conditional Asset Retirement Obligations. The Plant in Service was reduced by $748,127, budgeted book and calculated reserve have both been reduced by $215,937.

2. FERC Transmission Plant was removed because it is non-jurisdictional. Transmission Plant in Service was reduced by $409,597,427 and the budgeted book and calculated reserve accruals were reduced by $207,665,718 and $159,468,464, respectively.

3. A portion of Intangible Plant associated with the FERC Transmission Plant was removed. Intangible Plant in Service was reduced by $4,988,859; Intangible Plant book reserves were reduced by $2,300,004; and Intangible Plant calculated reserves were reduced by $2,401,635.

4. A portion of General Plant associated with FERC Transmission Plant was removed. General Plant in Service was reduced by $31,911,725; General Plant book reserves were reduced by $15,389,045; and General Plant calculated reserves were reduced by $14,508,138.

5. LED Streetlight plant in service was increased by $5,474,424 in accordance with the latest work plan. No corresponding book reserves or calculated reserves were included.

6. Plan B smart meters were removed. Plan B smart meter plant in service was reduced by $14,324,560; Plan B smart meter book reserves were reduced by $3,467,327; and Plan B smart meter calculated reserves were reduced by $1,910,536.

7. Legacy meter book reserves in the amount of $1,605,272 were inadvertently budgeted and are being removed. No elimination of corresponding plant in service or calculated reserve amounts was necessary.

WEST PENN POWER COMPANY

Original Cost Plant and Reserve and Accrual Rate Adjustments for Rate Case Purposes
(Historical Test Year)

FILING REQUIREMENT V-A-4:

"Provide a schedule showing details of rate case adjustments."

RESPONSE:

This response provides original cost plant and reserve adjustments for rate case purposes at 12/31/15, the historical test year. This information is in support of West Penn Exhibit RAD-48, Attachment B.

The following provide detail for plant and reserve adjustment items:

1. Asset Retirement Costs: No claim is being made for the Asset Retirement Costs related to the implementation of Statement of Financial Accounting Standards Statement 143 and FIN 47, Accounting for Conditional Asset Retirement Obligations. The Plant in Service was reduced by $748,127, budgeted book and calculated reserve have both been reduced by $215,937.

2. FERC Transmission Plant was removed because it is non-jurisdictional. Transmission Plant in Service was reduced by $395,450,029 and the budgeted book and calculated reserve accruals were reduced by $204,708,468 and $156,331,537, respectively.

3. A portion of Intangible Plant associated with the FERC Transmission Plant was removed. Intangible Plant in Service was reduced by $4,355,515; Intangible Plant book reserves were reduced by $1,580,687; and Intangible Plant calculated reserves were reduced by $1,724,324.

4. A portion of General Plant associated with FERC Transmission Plant was removed. General Plant in Service was reduced by $30,976,385; General Plant book reserves were reduced by $13,784,816; and General Plant calculated reserves were reduced by $12,994,035.

5. LED Streetlight plant in service was increased by $5,474,424 in accordance with the latest work plan. No corresponding book reserves or calculated reserves were included.

6. Plan B smart meters were removed. Plan B smart meter plant in service was reduced by $14,324,560; Plan B smart meter book reserves were reduced by $2,510,942; and Plan B smart meter calculated reserves were reduced by $955,088.

7. Legacy meter book reserves in the amount of $2,300,440 are being removed. No elimination of corresponding plant in service or calculated reserve amounts was necessary.

WEST PENN POWER COMPANY

Annual Depreciation Review on Capital Plant Investments

FILING REQUIREMENT V-B-2

"Supply a schedule by account or by depreciable group showing the survivor curve or interim survivor curve or interim survivor curse and annual accrual rate estimated to be appropriate:

a. For the purpose of this filing
b. For the purposes of the most recent filing prior to the current proceeding.
c. Supply an explanation for any major change in annual accrual rate by account or by depreciable group
d. Supply a comprehensive statement of major changes in depreciation methods, procedures and techniques and the effect of the changes upon accumulated and annual depreciation, if any."

FILING REQUIREMENT V-C

"Where the retirement rate actuarial method of mortality is utilized, set forth representative examples including charts depicting the observed and estimated survivor curves and a tabular presentation of the observed and estimated life tables plotted on the chart. Other analysis results shall be subject to request."

FILING REQUIREMENT V-D Item 2

"Provide representative examples of detail calculations by vintage at account or at a more detailed level, as performed for those purposes. Other vintage detail calculations shall be subject to request."

FILING REQUIREMENT V-E

"Provide a description of depreciation methods utilized in calculating annual depreciation amounts and depreciation reserves, together with a discussion of significant factors which were considered in arriving at estimates of service life and forecast retirements by facilities, accounts or sub-accounts as applicable."

RESPONSE:

V-B-2

a. See West Penn Exhibit RAD-53 Attachment A for the accrual expenses. Pages 1 and 2 show the accrual expense for the fully projected future test year, pages 3 and 4 show the accrual expense for the future test year, and pages 5 and 6 show the accrual expense for the historical test year.

b. See West Penn Exhibit RAD-53 Attachment B for the accrual expenses from the Company's last base rate case. Pages 1 and 2 show the accrual expense for the fully projected future test year, twelve months ended April 30, 2016; pages 3 and 4 show the accrual expense for the future test year, twelve months ended March 31, 2015 and pages 5 and 6 show the accrual expense for the historical test year, twelve months ended March 31, 2014.

c. See the direct testimony and exhibits of John J. Spanos, West Penn Statement No. 7, Exhibit JJS-8.

d. See the direct testimony and exhibits of John J. Spanos, West Penn Statement No. 7, Exhibit JJS-8.

V-C

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-9.

V-D

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-11.

V-E

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-12.

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Fully Future Year from January 2017 to December 2017

Acct No	Description	Adjusted Depreciable Base (1)	Accrual Rate Equal Life Group Basis (2)	Accrual Expense Amount (3)
	INTANGIBLE PLANT			
303	Software misc 5 yr	$ 1,024,243	20.00%	$ 204,849
303	Software misc 7 yr	31,999,420	14.29%	4,572,717
303	Software Smart Meters 7 yr	24,847,998	14.29%	3,550,779
3031	Software Smart Meters 10 yr	26,332,200	10.00%	2,633,220
	TOTAL INTANGIBLE PLANT	$ 84,203,861	13.02%	$ 10,961,565
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.68%	$ -
350.11	Land Rights-lines	-	1.68%	-
352	Structures	-	1.70%	-
353	Station Equipment	246,226	1.50%	3,693
354	Towers and Fixtures	-	0.93%	-
355	Poles and Fixtures	768,369	1.84%	14,138
356	Overhead Conductors	544,947	0.88%	4,796
356.1	Clearing Costs	7,730,183	1.47%	113,634
356.1	Clearing Costs	-	1.47%	-
358	Underground Conductors	26,748	2.89%	773
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ 9,316,474	1.47%	$ 137,034
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.66%	$ 170,298
360.12	Land Rights-lines	570,689	1.66%	9,473
361	Structures	22,002,299	1.34%	294,831
361.2	Clearing and Grading	26,475	1.34%	355
362	Station Equipment	324,142,557	1.58%	5,121,452
364	Poles, Towers and Fixtures	390,614,113	1.88%	7,343,545
365	Overhead Conductors	379,066,869	2.09%	7,922,498
365.1	Clearing Costs	180,658,966	1.45%	2,619,555
366	Underground Conduit	21,394,810	2.39%	511,336
367	Underground Conductors	163,956,897	2.40%	3,934,966
368	Line Transformers	405,397,508	2.49%	10,094,398
369	Overhead Services	115,249,743	2.40%	2,765,994
370	Meters	-	0.00%	-
370.3	Smart Meters Not Classified- 15yr Life	2,299,491	6.67%	153,376
370.3	Smart Meter Commercial - 15yr Life	2,854,646	6.67%	190,405
370.3	Smart Meter Industrial - 15yr Life	14,722	6.67%	982
370.3	Smart Meter Infrastructure-15yr L	774,598	6.67%	51,666
370.3	Smart Meter Residential - 15yr Life	75,375,206	6.67%	5,027,526
370.3	WP Plan A/B - 15yr Life	-	6.67%	-
371	Installed on Customer Premises	8,895,132	3.87%	344,242
372	Installed on Customer Premises LH	296,547	1.63%	4,834
373	Street Lighting & Signal Systems	39,363,381	3.49%	1,373,782
	TOTAL DISTRIBUTION PLANT	$ 2,143,213,545	2.24%	$ 47,935,514
	GENERAL PLANT			
389.1	Land Rights	$ 251,614	1.37%	$ 3,447
390.1	Structures	99,938,537	3.42%	3,417,898
390.3	Lease Holds	1,532,162	0.00%	-
391.1	Office Furniture & Equipment	8,367,727	6.70%	560,638
391.2	Office machines	503,836	14.77%	74,417
391.3	Data Processsing	18,460,811	9.86%	1,820,236
391.4	Computers	1,328,213	0.00%	-
391.5	Data Processing Smart Meters	10,004,521	20.00%	2,000,904
392	Transportation	3,708,165	7.48%	277,371
393	Stores Equipment	663,901	5.02%	33,328
394	Tools, Shop, & Garage Equipment	11,935,573	6.91%	824,748
395	Laboratory Equipment	1,505,271	5.07%	76,317
396	Power Operated Equipment	179,568	1.98%	3,555
397	Communications Equipment	17,090,925	8.34%	1,425,383
398	Miscellaneous Equipment	2,063,094	8.09%	166,904
	TOTAL GENERAL PLANT	$ 177,533,917	6.02%	$ 10,685,146
	TOTAL	$ 2,414,267,797	2.89%	$ 69,719,259

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Future Year from January 2016 to December 2016

Acct No	Description	Adjusted Depreciable Base (1)	Accrual Rate Equal Life Group Basis (2)	Accrual Expense Amount (3)
	INTANGIBLE PLANT			
303	Software misc 5 yr	$ 1,024,243	20.00%	$ 204,849
303	Software misc 7 yr	29,194,088	14.29%	4,171,835
303	Software Smart Meters 7 yr	17,041,430	14.29%	2,435,220
3031	Software Smart Meters 10 yr	26,332,200	10.00%	2,633,220
	TOTAL INTANGIBLE PLANT	$ 73,591,961	12.83%	$ 9,445,124
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.69%	$ -
350.11	Land Rights-lines	-	1.69%	-
352	Structures	-	1.72%	-
353	Station Equipment	246,226	1.55%	3,817
354	Towers and Fixtures	-	0.94%	-
355	Poles and Fixtures	768,369	1.77%	13,600
356	Overhead Conductors	544,947	0.89%	4,850
356.1	Clearing Costs	7,730,183	1.48%	114,407
356.1	Clearing Costs	-	1.48%	-
358	Underground Conductors	26,748	2.93%	784
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ 9,316,474	1.48%	$ 137,458
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.69%	$ 173,375
360.12	Land Rights-lines	570,689	1.69%	9,645
361	Structures	21,946,652	1.35%	296,280
361.2	Clearing and Grading	26,475	1.35%	357
362	Station Equipment	319,167,609	1.59%	5,074,765
364	Poles, Towers and Fixtures	369,270,339	1.86%	6,868,428
365	Overhead Conductors	355,076,942	2.08%	7,385,600
365.1	Clearing Costs	179,034,589	1.45%	2,596,002
366	Underground Conduit	21,394,810	2.42%	517,754
367	Underground Conductors	154,912,099	2.36%	3,655,926
368	Line Transformers	386,177,435	2.50%	9,654,436
369	Overhead Services	110,095,741	2.39%	2,631,288
370	Meters	-	0.00%	-
370.3	Smart Meters non classified	2,299,491	6.67%	153,376
370.3	Smart Meters Commercial	2,854,646	6.67%	190,405
370.3	Smart Meters Industrial	14,722	6.67%	982
370.3	Smart Meters Infra structure	774,598	6.67%	51,666
370.3	Smart Meters Residential	33,673,973	6.67%	2,246,054
370.3	WP Plan A/B - 15yr Life	-	6.67%	-
371	Installed on Customer Premises	8,735,307	4.11%	359,062
372	Installed on Customer Premises LH	296,547	1.73%	5,130
373	Street Lighting & Signal Systems	37,025,081	3.43%	1,269,960
	TOTAL DISTRIBUTION PLANT	$ 2,013,607,644	2.14%	$ 43,140,491
	GENERAL PLANT			
389.1	Land Rights	$ 251,614	1.37%	$ 3,447
390.1	Structures	99,938,537	3.70%	3,697,726
390.3	Lease Holds	1,532,162	0.00%	-
391.1	Office Furniture & Equipment	8,367,727	2.95%	246,848
391.2	Office machines	503,836	14.29%	71,998
391.3	Data Processsing	16,801,867	6.44%	1,082,040
391.4	Computers	1,328,213	0.00%	-
391.5	Data Processing Smart Meters	9,134,698	20.00%	1,826,940
392	Transportation	3,708,165	7.54%	279,596
393	Stores Equipment	663,901	5.37%	35,651
394	Tools, Shop, & Garage Equipment	11,935,573	6.50%	775,812
395	Laboratory Equipment	1,505,271	5.18%	77,973
396	Power Operated Equipment	179,568	2.24%	4,022
397	Communications Equipment	17,090,925	8.25%	1,410,001
398	Miscellaneous Equipment	2,063,094	7.92%	163,397
	TOTAL GENERAL PLANT	$ 175,005,149	5.53%	$ 9,675,451
	TOTAL	$ 2,271,521,228	2.75%	$ 62,398,524

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Historical Year from Jan 2015 to Dec 2015

Accl No	Description	Adjusted Depreciable Base (1)	Accrual Rate Equal Life Group Basis (2)	Accrual Expense Amount (3)
	INTANGIBLE PLANT			
303	Software misc 5 yr	$ 1,024,243	20.00%	$ 204,849
303	Software misc 7 yr	25,357,821	14.29%	3,623,633
303	Software Smart Meters 7 yr	12,112,043	14.29%	1,730,811
3031	Software Smart Meters 10 yr	26,332,200	10.00%	2,633,220
	TOTAL INTANGIBLE PLANT	$ 64,826,307	12.64%	$ 8,192,513
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.71%	$ -
350.11	Land Rights-lines	-	1.71%	-
352	Structures	-	1.75%	-
353	Station Equipment	246,226	1.60%	3,940
354	Towers and Fixtures	-	0.95%	-
355	Poles and Fixtures	768,369	1.60%	12,294
356	Overhead Conductors	544,947	0.89%	4,850
356.1	Clearing Costs	7,730,183	1.48%	114,407
356.1	Clearing Costs	-	1.48%	-
358	Underground Conductors	26,748	2.97%	794
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ 9,316,474	1.46%	$ 136,285
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.71%	$ 175,427
360.12	Land Rights-lines	570,689	1.71%	9,759
361	Structures	21,852,169	1.36%	297,189
361.2	Clearing and grading	26,475	1.36%	360
362	Station Equipment	314,181,961	1.60%	5,026,911
364	Poles, Towers and Fixtures	344,779,104	1.80%	6,206,024
365	Overhead Conductors	327,441,187	2.00%	6,548,824
365.1	Clearing Costs	177,437,344	1.46%	2,590,585
366	Underground Conduit	21,394,810	2.46%	526,312
367	Underground Conductors	146,713,012	2.32%	3,403,742
368	Line Transformers	369,462,386	2.52%	9,310,452
369	Overhead Services	105,006,487	2.36%	2,478,153
370	Meters	-	0.00%	-
370.3	Smart Meters non classified	2,299,491	6.67%	153,376
370.3	Smart Meters Commercial	2,854,646	6.67%	190,405
370.3	Smart Meters Industrial	14,722	6.67%	982
370.3	Smart Meters Infra structure	774,598	6.67%	51,666
370.3	Smart Meters Residential	6,425,668	6.67%	428,592
370.3	WP Plan A/B	-	6.67%	-
371	Installed on Customer Premises	8,700,989	4.44%	386,324
372	Installed on Customer Premises LH	296,547	1.83%	5,427
373	Street Lighting & Signal Systems	34,696,696	3.31%	1,148,461
	TOTAL DISTRIBUTION PLANT	$ 1,895,187,879	2.05%	$ 38,938,971
	GENERAL PLANT			
389.1	Land Rights	$ 251,614	1.37%	$ 3,447
390.1	Structures	99,938,537	3.91%	3,907,597
390.3	Lease Holds	1,532,162	0.00%	-
391.1	Office Furniture & Equipment	8,367,727	3.53%	295,381
391.2	Office machines	503,836	13.02%	65,599
391.3	Data Processsing	11,136,361	5.56%	619,182
391.4	Computers	1,328,213	0.00%	-
391.5	Data Processing Smart Meters	6,213,637	20.00%	1,242,727
392	Transportation	3,708,165	7.47%	277,000
393	Stores Equipment	663,901	3.60%	23,900
394	Tools, Shop, & Garage Equipment	11,935,573	5.95%	710,167
395	Laboratory Equipment	1,505,271	4.03%	60,662
396	Power Operated Equipment	179,568	2.52%	4,525
397	Communications Equipment	17,090,925	7.96%	1,360,438
398	Miscellaneous Equipment	2,063,094	7.58%	156,383
	TOTAL GENERAL PLANT	$ 166,418,583	5.24%	$ 8,727,008
	TOTAL	$ 2,135,749,243	2.62%	$ 55,994,777

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Fully Future Year from May 2015 to April 2016

Acct No	Description	Adjusted Depreciable Base	Accrual Rate Ave Remaining Life Basis	Accrual Expense Amount
		(1)	(2)	(3)
	INTANGIBLE PLANT			
303	Miscellaneous Intangible Plant	$ 18,619,322	14.74%	$ 2,744,488
303	Smart Meters 10 yr	26,332,200	10.00%	2,633,220
303	Smart Meters 7 yr	16,528,120	14.29%	2,361,868
	TOTAL INTANGIBLE PLANT	$ 61,479,642	12.59%	$ 7,739,576
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.59%	$ -
350.12	Land Rights-lines	-	1.59%	-
352	Structures	-	1.50%	-
353	Station Equipment	-	1.20%	-
354	Towers and Fixtures	-	0.98%	-
355	Poles and Fixtures	-	1.37%	-
356	Overhead Conductors	-	0.90%	-
356.1	Clearing Costs	-	1.39%	-
358	Underground Conductors	-	2.55%	-
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ -	0.00%	$ -
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.71%	$ 175,427
360.22	Land Rights-lines	429,151	1.71%	7,338
361	Structures	20,587,086	1.16%	238,810
362	Station Equipment	487,546,604	1.22%	5,948,069
364	Poles, Towers and Fixtures	338,410,732	1.53%	5,177,684
365	Overhead Conductors	288,280,691	1.37%	3,949,445
365.1	Clearing Costs	132,088,173	1.39%	1,836,026
366	Underground Conduit	30,314,171	2.23%	676,006
367	Underground Conductors	127,486,910	2.50%	3,187,173
368	Line Transformers	355,972,141	2.23%	7,938,179
369	Overhead Services	97,439,228	2.11%	2,055,968
370	Meters	-	2.10%	-
370.3	Smart Meters	28,869,431	6.67%	1,925,591
370.4	Smart Meters Install	21,491,625	6.67%	1,433,491
371	Installed on Customer Premises	583,442	3.27%	19,079
372	Installed on Customer Premises LH	296,547	1.67%	4,952
373	Street Lighting & Signal Systems	33,599,870	2.25%	755,997
	TOTAL DISTRIBUTION PLANT	$ 1,973,654,700	1.79%	$ 35,329,235

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Fully Future Year from May 2015 to April 2016

Acct No	Description	Adjusted Depreciable Base	Accrual Rate Ave Remaining Life Basis	Accrual Expense Amount
	GENERAL PLANT			
389.1	Land Rights	$ 251,643	1.99%	$ 5,008
390.1	Structures	99,851,680	2.97%	2,965,595
390.3	Structures	1,334,490	2.97%	39,634
391.1	Office Furniture & Equipment	8,517,197	5.73%	488,035
391.15	Office machines	503,894	5.87%	29,579
391.2	Data Processsing	14,642,450	5.87%	859,512
391.5	Data Processing Smart Meters	12,933,885	20.00%	2,586,777
392	Transportation	2,970,573	6.27%	186,255
393	Stores Equipment	752,438	4.89%	36,794
394	Tools, Shop, & Garage Equipment	9,148,653	6.82%	623,938
395	Laboratory Equipment	1,561,818	4.07%	63,566
396	Power Operated Equipment	179,589	2.23%	4,005
397	Communications Equipment	11,446,993	8.00%	915,759
398	Miscellaneous Equipment	2,115,654	8.04%	170,099
	TOTAL GENERAL PLANT	$ 166,210,957	5.40%	$ 8,974,556
	TOTAL	$ 2,201,345,298	2.36%	$ 52,043,367

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Future Year from April 2014 to March 2015

Acct No	Description	Adjusted Depreciable Base	Accrual Rate Ave Remaining Life Basis	Accrual Expense Amount
		(1)	(2)	(3)
	INTANGIBLE PLANT			
303	Miscellaneous Intangible Plant	$ 18,308,802	14.74%	$ 2,698,717
303	Smart Meter Software 10 yr	26,332,200	10.00%	2,633,220
303	Smart Meter Software 7 yr	2,730,442	14.29%	390,180
	TOTAL INTANGIBLE PLANT	$ 47,371,443	12.08%	$ 5,722,117
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.59%	$ -
350.12	Land Rights-lines	-	1.59%	-
352	Structures	-	1.50%	-
353	Station Equipment	-	1.20%	-
354	Towers and Fixtures	-	0.98%	-
355	Poles and Fixtures	-	1.37%	-
356	Overhead Conductors	-	0.90%	-
356.1	Clearing Costs	-	1.39%	-
358	Underground Conductors	-	2.55%	-
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ -	0.00%	$ -
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.71%	$ 175,427
360.22	Land Rights-lines	429,151	1.71%	7,338
361	Structures	20,587,086	1.16%	238,810
362	Station Equipment	395,154,239	1.22%	4,820,882
364	Poles, Towers and Fixtures	338,410,732	1.53%	5,177,684
365	Overhead Conductors	288,280,691	1.37%	3,949,445
365.1	Clearing Costs	132,088,173	1.39%	1,836,026
366	Underground Conduit	30,314,171	2.23%	676,006
367	Underground Conductors	127,486,910	2.50%	3,187,173
368	Line Transformers	358,042,355	2.23%	7,984,345
369	Overhead Services	97,439,228	2.11%	2,055,968
370	Meters	-	2.10%	-
370.3	Smart Meters	16,796,788	6.67%	1,120,346
370.4	Smart Meters Install	21,491,625	6.67%	1,433,491
371	Installed on Customer Premises	583,442	3.27%	19,079
372	Installed on Customer Premises LH	296,547	1.67%	4,952
373	Street Lighting & Signal Systems	33,599,870	2.25%	755,997
	TOTAL DISTRIBUTION PLANT	$ 1,871,259,905	1.79%	$ 33,442,969

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Future Year from April 2014 to March 2015

Acct No	Description	Adjusted Depreciable Base (1)	Accrual Rate Ave Remaining Life Basis (2)	Accrual Expense Amount (3)
	GENERAL PLANT			
389.1	Land Rights	$ 251,643	1.99%	$ 5,008
390.1	Structures	99,851,680	2.97%	2,965,595
390.3	Structures	1,334,490	2.97%	39,634
391.1	Office Furniture & Equipment	8,517,197	5.73%	488,035
391.15	Office machines	503,894	5.87%	29,579
391.2	Data Processsing	13,443,491	5.87%	789,133
391.5	Data Processing Smart Meters	9,153,889	20.00%	1,830,778
392	Transportation	2,970,573	6.27%	186,255
393	Stores Equipment	752,438	4.89%	36,794
394	Tools, Shop, & Garage Equipment	9,148,653	6.82%	623,938
395	Laboratory Equipment	1,561,818	4.07%	63,566
396	Power Operated Equipment	179,589	2.23%	4,005
397	Communications Equipment	11,446,993	8.00%	915,759
398	Miscellaneous Equipment	2,115,654	8.04%	170,099
	TOTAL GENERAL PLANT	$ 161,232,002	5.05%	$ 8,148,178
	TOTAL	$ 2,079,863,351	2.27%	$ 47,313,264

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Historical Year from April 2013 to March 2014

Acct No	Description	Adjusted Depreciable Base	Accrual Rate Ave Remaining Life Basis	Accrual Expense Amount
		(1)	(2)	(3)
	INTANGIBLE PLANT			
303	Miscellaneous Intangible Plant	$ 36,103,921	11.19%	$ 4,040,029
303	Smart Meter Software 7 yr	-	14.29%	-
	TOTAL INTANGIBLE PLANT	$ 36,103,921	11.19%	$ 4,040,029
	TRANSMISSION PLANT			
	TRANSMISSION PLANT			
350.11	Land Rights-subs	$ -	1.60%	$ -
350.12	Land Rights-lines	-	1.60%	-
352	Structures	-	1.53%	-
353	Station Equipment	-	1.37%	-
354	Towers and Fixtures	-	0.98%	-
355	Poles and Fixtures	-	1.29%	-
356	Overhead Conductors	-	0.87%	-
356.1	Clearing Costs	-	1.41%	-
358	Underground Conductors	-	2.56%	-
359	Roads & Trails	-	0.00%	-
	TOTAL TRANSMISSION PLANT	$ -	0.00%	$ -
	DISTRIBUTION PLANT			
360.12	Land Rights-subs	$ 10,258,899	1.73%	$ 177,479
360.22	Land Rights-lines	429,151	1.73%	7,424
361	Structures	20,587,086	1.15%	236,751
362	Station Equipment	298,241,612	1.22%	3,638,548
364	Poles, Towers and Fixtures	338,410,732	1.54%	5,211,525
365	Overhead Conductors	288,280,691	1.25%	3,603,509
365.1	Clearing Costs	132,088,173	1.44%	1,902,070
366	Underground Conduit	30,314,171	2.19%	663,880
367	Underground Conductors	127,486,910	2.46%	3,136,178
368	Line Transformers	358,420,048	2.19%	7,849,399
369	Overhead Services	97,439,228	2.12%	2,065,712
370	Meters	-	2.56%	-
370.3	Smart Meters	15,915,262	6.67%	1,061,548
370.4	Smart Meters Install	19,769,886	6.67%	1,318,651
371	Installed on Customer Premises	583,442	3.25%	18,962
372	Installed on Customer Premises LH	296,547	1.72%	5,101
373	Street Lighting & Signal Systems	33,599,870	2.28%	766,077
	TOTAL DISTRIBUTION PLANT	$ 1,772,121,707	1.79%	$ 31,662,814

West Penn Power Company
Accrual Expense after Adjustment-Claim Basis
At Historical Year from April 2013 to March 2014

Acct No	Description	Adjusted Depreciable Base	Accrual Rate Ave Remaining Life Basis	Accrual Expense Amount
		(1)	(2)	(3)
	GENERAL PLANT			
389.1	Land Rights	$ 251,643	1.98%	$ 4,983
390.1	Structures	99,851,680	2.05%	2,046,959
390.3	Structures	1,334,490	2.05%	27,357
391.1	Office Furniture & Equipment	8,517,197	6.40%	545,101
391.15	Office machines	503,894	16.00%	80,623
391.2	Data Processsing	7,856,773	6.40%	502,833
391.5	Data Processing Smart Meters	1,562,796	20.00%	312,559
392	Transportation	2,970,573	3.63%	107,832
393	Stores Equipment	752,438	4.76%	35,816
394	Tools, Shop, & Garage Equipment	9,148,653	7.00%	640,406
395	Laboratory Equipment	1,561,818	5.15%	80,434
396	Power Operated Equipment	179,589	2.26%	4,059
397	Communications Equipment	11,446,993	8.16%	934,075
398	Miscellaneous Equipment	2,115,654	8.23%	174,118
	TOTAL GENERAL PLANT	$ 148,054,191	3.71%	$ 5,497,155
	TOTAL	$ 1,956,279,819	2.11%	$ 41,199,998

WEST PENN POWER COMPANY

FILING REQUIREMENT VI-A:

"Provide the following unadjusted detailed schedules by function and by FERC account for the claimed test year and for each of the 3 preceding comparable years:

A. Balance sheet in the form available."

RESPONSE:

See West Penn Exhibit RAD-54 Attachment A.

West Penn Power Company
Balance Sheet

FERC Account	Assets and Other Debits	December 31, 2017	2016	2015	2014
			(In thousands)		
	Utility Plant				
101-107	Total electric utility plant at original cost	$ 2,953,335	$ 2,791,533	$ 2,640,986	$ 2,625,183
108-110	Less: Accum. Provision for depreciation	1,113,294	1,053,651	999,579	998,223
120.1-120.4	Nuclear plant	-	-	-	-
120.5	Less: accum. provision for amortization of nuclear fuel	-	-	-	-
	Net utility plant	$ 1,840,042	$ 1,737,882	$ 1,641,407	$ 1,626,960
	Other Property and Investments				
121	Non-utility property	$ 12,184	$ 12,184	$ 12,184	$ 10,957
122	Prov. for depreciation of non-utility prop.	836	793	749	508
123.1	Investments in subsidiary companies	9,272	9,291	9,311	9,332
124	Other investments	2	2	2	3
125-8	Special funds	-	-	-	-
	Total other property and investments	$ 20,621	$ 20,685	$ 20,748	$ 19,784
	Current and Accrued Assets				
131	Cash	$ -	$ -	$ -	$ -
132-134	Special deposits	-	-	-	-
135	Working funds	-	-	-	-
136	Temporary cash investments	-	-	-	-
142	Customer accounts receivable	100,628	103,959	100,297	97,222
143	Other accounts receivable	4,721	4,714	4,737	3,452
144	Accum. provision for uncollectible accts	(5,761)	(5,761)	(5,761)	(6,077)
145	Notes receivable from associated companies	-	-	-	-
146	Receivables from associated companies	33,792	33,792	33,792	33,355
151	Fuel stock	-	-	-	-
154-163	Plant materials and operating supplies-electric	-	-	-	-
165	Prepayments	6,935	6,935	6,935	7,044
171	Interest and dividends receivable	-	-	-	-
172	Rents receivable	279	279	279	193
173	Accrued utility revenues	55,748	55,748	55,748	47,090
174	Misc. current and accrued assets	189	189	189	147
	Total current and accrued assets	$ 196,531	$ 199,856	$ 196,216	$ 182,426
	Deferred Debits				
181	Unamortized debt expense	$ 5,785	$ 3,369	$ 1,575	$ 530
182	Other regulatory assets	292,891	300,170	307,976	240,190
183	Preliminary survey and investigation charges	867	867	867	63
184	Clearing accounts	-	-	-	-
185	Temporary facilities	307	298	289	218
186	Miscellaneous deferred debits	34,320	34,614	34,907	38,440
188	Research and development expenditures	14	14	14	11
189	Unamortized loss on reacquired debt	184	231	279	328
190	Accumulated deferred income taxes	258,460	269,923	284,302	200,773
	Total deferred debits	$ 592,827	$ 609,487	$ 630,209	$ 480,553
	Total assets and other debits	$ 2,650,021	$ 2,567,909	$ 2,488,580	$ 2,309,723

West Penn Power Company
Balance Sheet

FERC Account	Liabilities and Other Credits	December 31, 2017	2016	2015	2014
			(In thousands)		
	Proprietary Capital				
201	Common stock issued	$ 66,598	$ 66,598	$ 66,598	$ 66,283
204	Preferred stock issued	-	-	-	-
207	Premium on capital stock	-	-	-	-
208	Other paid in capital	468,906	466,875	464,873	463,255
210	Gain on resale or cancellation of reacquired capital stock	-	-	-	-
214	Capital stock expense	-	-	-	-
216	Retained earnings	178,382	158,174	120,315	90,227
216.1	Unappropriated Undistributed Subsidiary Earnings	11	11	11	33
219	Accumulated other comprehensive income	10,432	12,622	14,812	17,006
	Total proprietary capital	$ 724,329	$ 704,280	$ 666,609	$ 636,804
	Long-Term Debt				
221	Bonds	$ 725,000	$ 725,000	$ 670,000	$ 520,000
224	Other long-term debt	-	4,162	10,544	18,157
225	Unamortized premium on long-term debt	-	-	-	-
226	Less: Unamortized discount on long-term debt	-	-	-	-
	Total long-term debt	$ 725,000	$ 729,162	$ 680,544	$ 538,157
227-230	**Other Non-Current Liabilities**	$ 88,335	$ 87,281	$ 96,588	$ 157,255
	Current and Accrued Liabilities				
231	Notes payable	$ -	$ -	$ -	$ -
232	Accounts payable	60,914	41,852	45,665	36,255
233	Notes payable to associated companies	28,884	(3,581)	4,555	88,547
234	Accounts payable to associated companies	38,693	49,622	48,528	58,401
235	Customer deposits	23,633.00	23,633.00	23,633.00	23,255.00
236	Taxes accrued	7,896.00	14,359.00	30,710.00	30,911.00
237	Interest accrued	6,654	7,600	7,559	6,573
238	Dividends declared	-	-	-	-
241	Tax collections payable	625	625	625	563
242	Misc. current and accrued liabilities	23,166	23,166	25,863	25,483
243	Oblig. under capital leases-current	3,221	3,221	3,221	3,895
	Total current and accrued liabilities	$ 193,686	$ 160,497	$ 190,359	$ 273,883
	Deferred Credits				
252	Customer advances for construction	$ 538	$ 538	$ 538	$ 1,411
253	Other deferred credits	16,306	12,228	8,149	13,442
254	Other regulatory liabilities	26,959	27,632	28,304	21,081
255	Accum. deferred investment tax credits	4,781	5,729	6,677	7,627
256	Deferred gains on disposition of plant	-	-	-	-
257	Unamortized gain on reacquired debt	-	-	-	-
	Total deferred credits	$ 48,585	$ 46,126	$ 43,668	$ 43,561
	Accumulated Deferred Income Taxes				
282	Other property	$ 656,786	$ 628,435	$ 598,990	$ 552,349
283	Other	213,300	212,127	211,822	107,714
	Total accum. deferred income taxes	$ 870,086	$ 840,562	$ 810,812	$ 660,063
	Total liabilities and other credits	$ 2,650,021	$ 2,567,910	$ 2,488,580	$ 2,309,723

WEST PENN POWER COMPANY

FILING REQUIREMENT VI-B:

"Provide the following unadjusted detailed schedules by function and by FERC account for the claimed test year and for each of the 3 preceding comparable years:

B. Statement of income."

RESPONSE:

See West Penn Exhibit RAD-55 Attachment A.

West Penn Power Company
Comparative Income Statements

FERC Account		December 31, 2017	2016	2015	2014
			(In thousands)		
Operating Revenues					
Electric Service Revenues					
440	Residential sales	$ 660,695	$ 665,272	$ 621,745	$ 512,780
442	Commercial sales	196,065	195,951	196,277	167,971
442	Industrial sales	152,001	156,313	102,818	98,228
444	Public street and highway lighting	8,633	8,626	8,060	7,204
445	Other sales to public authorities	-	-	-	-
447	Sale for resale	154	220	2,100	1,951
	Total electric service revenues	$ 1,017,547	$ 1,026,382	$ 931,000	$ 788,134
Other Electric Revenue					
450	Forfeited discounts	$ 3,000	$ 3,000	$ 3,226	$ 3,169
451	Miscellaneous service revenues	1,898	1,898	2,363	2,900
454	Rent from electric property	10,843	10,843	11,513	11,769
456	Other electric revenues	61,037	61,906	63,192	61,548
	Total other electric revenues	$ 76,777	$ 77,647	$ 80,294	$ 79,386
	Total operating revenues	$ 1,094,324	$ 1,104,029	$ 1,011,294	$ 867,520
Operating Expenses					
401-2	Operation and maintenance expense				
	Power production expenses	$ 531,113	$ 546,482	$ 496,229	$ 436,948
	Transmission expenses	59,481	59,330	52,422	44,467
	Regional market expenses	-	-	-	-
	Distribution expenses	58,647	48,477	54,855	38,564
	Customer accounts expense	31,675	28,291	27,631	33,517
	Customer service & information expense	46,256	43,827	29,180	15,590
	Sales expenses	101	101	11	-
	Administrative & general expenses	54,425	56,574	50,621	91,601
	Subtotal	$ 781,699	$ 783,081	$ 710,949	$ 660,687
403	Depreciation expense	$ 71,252	$ 67,934	$ 60,946	$ 48,259
404-5	Amortization and depletion of utility plant	11,467	9,745	7,667	5,249
406	Amortization and utility plant acq. adjustment	-	-	-	-
407	Amortization of property losses	-	-	-	-
407.3	Regulatory debits	13,874	10,774	3,911	(4,592)
407.4	Regulatory credits	(13,473)	(9,450)	(4,627)	(11,823)
408.1	Taxes other than income taxes	64,499	65,311	62,332	53,047
411.1	Accretion expense	-	-	12	-
411.8	Gains from disposition allowance	-	-		
	Total operating expenses before federal and state income taxes	$ 929,319	$ 927,394	$ 841,190	$ 750,827
	Net operating income before income taxes	$ 165,005	$ 176,635	$ 170,104	$ 116,693
Income taxes					
409.1	Income taxes-federal	$ 10,342	$ 17,620	$ (4,121)	$ (3,000)
409.1	Income taxes-state	4,902	7,930	(3,643)	(43,177)
410.1	Provision for deferred income taxes-federal	32,154	32,345	204,812	178,463
410.1	Provision for deferred income taxes-state	8,576	9,450	42,801	35,261
411.1	Income taxes deferred in prior years-cr.	-	-	(190,148)	(163,385)
411.4	Investment tax credit adjustments-net	(948)	(948)	(948)	(948)
	Total income taxes	$ 55,026	$ 66,397	$ 48,753	$ 3,214
	Net operating income	$ 109,980	$ 110,238	$ 121,351	$ 113,479

West Penn Power Company
Comparative Income Statements

FERC Account		December 31, 2017	2016	2015	2014
			(In thousands)		
Other income					
415-16	Revenues from merchandising, jobbing and contract work	$ 3,389	$ 3,253	$ 1,309	$ 1,260
417	Revenues from non-utility operations				
417.1	Expenses from non-utility operations				
418	Nonoperating rental income	(44)	(44)	(46)	(50)
418.1	Equity in earnings of subsidiary companies	(20)	(20)	(22)	(20)
419	Interest and dividend income	23	341	41	237
419.1	Allowance for funds used during construction	-	-	1,031	201
421	Miscellaneous non-operating income	2,450	26,550	11,496	8,382
421.1	Gain on disposition of property	-	-	35	2
	Total other income	$ 5,798	$ 30,080	$ 13,844	$ 10,012
	Gross income	$ 115,778	$ 140,318	$ 135,195	$ 123,491
Other Income Deductions					
421.2	Loss on disposition of property	$ -	$ -	$ -	$ -
425	Miscellaneous amortization	-	-	-	-
426	Other income deductions	104	217	259	1,470
	Total other income deductions	$ 104	$ 217	$ 259	$ 1,470
Taxes Applicable to Other Income and Deductions					
408.2	Taxes other than income taxes	$ 37	$ 36	$ 36	$ 36
409.2	Income taxes - federal	-	-	4,022	3,000
409.2	Income taxes - state	-	-	1,276	951
410.2	Provision for deferred income taxes	-	-	21	-
411.2	Provision for deferred income taxes-cr.	-	-	(51)	-
	Total taxes on other income and deductions	$ 37	$ 36	$ 5,304	$ 3,987
Interest Charges					
427	Interest on long term debt	$ 32,185	$ 29,460	$ 22,537	$ 20,609
428	Amortization of debt discount and expense	335	206	83	73
428.1	Amortization of loss on reacquired debt	48	48	49	56
429	Amortization of premium on debt credit			-	-
429.1	Amortization of gain on reacquired debt	-	-	-	-
430	Interest on debt to associated companies	775	386	691	294
431	Other interest expense	2,392	2,383	1,862	2,553
432	Allowance for borrowed funds used during construction - credit	(305) -	(277) -	(656)	(564)
	Total interest charges	$ 35,429	$ 32,206	$ 24,566	$ 23,021
	Income before extraordinary items	$ 80,208	$ 107,859	$ 105,066	$ 95,013
Extraordinary Items & Related Taxes					
434	Extraordinary income	$ -	$ -		
435	Extraordinary deductions	-	-	-	-
409.3	Income taxes - Federal & other	-	-	-	-
				-	-
	Extraordinary items after taxes	$ -	$ -	$ -	$ -
	Net income	$ 80,208	$ 107,859	$ 105,066	$ 95,013

West Penn Power Company
Comparative Income Statements

FERC Account		December 31, 2017	2016	2015	2014
			(In thousands)		
Power Production Expenses					
Steam Power Generation					
Operation					
501	Fuel	$ -	$ -		
514	Maintenance of miscellaneous steam plant	-	-		
	Total operation	$ -	$ -	$ -	$ -
	Total steam power generation	$ -	$ -	$ -	$ -
Nuclear Power Generation					
Operation					
518	Fuel	$ -	$ -		
	Miscellaneous nuclear power expenses				
	Total operation	$ -	$ -		
	Total nuclear power generation	$ -	$ -		
Other Power Generation					
Operation					
549	Miscellaneous other power generation expenses	-	-		
	Total operation	$ -	$ -		
	Total other power generation	$ -	$ -		
Other Power Supply Expenses					
555	Purchased Power	$ 530,940	$ 546,315	$ 496,173	$ 436,894
556	System control and load dispatching	-	-		
557	Other expenses	173	167	56	54
	Total other power supply expenses	$ 531,113	$ 546,482	$ 496,229	$ 436,948
	Total power production expenses	$ 531,113	$ 546,482	$ 496,229	$ 436,948
Transmission Expenses					
Operation					
560	Operation supervision and engineering	$ 29	$ 28	$ 46	$ 2
561	Load dispatching	1,776	1,810	870	849
562	Station expenses	1,420	1,382	118	12
563	Overhead lines expense	7	-	38	1
564	Underground lines expenses	-	-	-	-
565	Transmission of electricity by others	48,714	47,979	38,479	31,564
566	Miscellaneous transmission expenses	259	261	247	272
567	Rents	319	319	305	194
	Total operation	$ 52,524	$ 51,780	$ 40,103	$ 32,894
Maintenance					
568	Maintenance supervision and engineering	$ 228	$ 220	$ 423	$ 355
569	Maintenance of structures	50	401	72	51
570	Maintenance of station equipment	2,745	131	2,242	2,098
571	Maintenance of overhead lines	3,934	6,798	9,582	9,068
572	Maintenance of underground lines	-	-	-	1
573	Maintenance of miscellaneous transmission plant	-	-	-	-
		-	-		
	Total maintenance	$ 6,957	$ 7,551	$ 12,319	$ 11,573
	Total transmission expenses	$ 59,481	$ 59,330	$ 52,422	$ 44,467

West Penn Power Company
Comparative Income Statements

FERC Account		December 31, 2017	2016	2015	2014
			(In thousands)		
Regional Market Expenses					
Operation					
575	Operation-regional market expense	$ -	$ -	$ -	$ -
	Total operation	$ -	$ -	$ -	$ -
Maintenance					
576	Maintenance-regional market expense	$ -	$ -	$ -	$ -
	Total maintenance	$ -	$ -	$ -	$ -
	Total regional market expenses	$ -	$ -	$ -	$ -
Distribution Expenses					
Operation					
580	Operation supervision and engineering	$ 118	$ 112	$ 207	$ 252
581	Load dispatching	1,481	1,441	1,347	1,204
582	Station expenses	1,259	1,207	522	648
583	Overhead lines expense	1,414	1,468	1,873	1,377
584	Underground lines expenses	974	974	1,146	1,097
585	Street lighting and signal system expenses	-	-	-	-
586	Meter expenses	1,585	1,533	803	670
587	Customer installation expenses	-	-	-	-
588	Miscellaneous expenses	10,147	11,837	14,378	10,310
589	Rents	-	-	-	-
	Total operation	$ 16,979	$ 18,572	$ 20,276	$ 15,558
Maintenance					
590	Maintenance supervision and engineering	$ 392	$ 371	$ 477	$ 225
591	Maintenance of structures	-	-	-	-
592	Maintenance of station equipment	3,346	4,114	9,410	4,031
593	Maintenance of overhead lines	27,102	20,514	20,717	15,174
594	Maintenance of underground lines	745	762	682	1,013
595	Maintenance of line transformers	248	241	53	-
596	Maintenance of street lighting and signal systems	845	813	1,027	992
597	Maintenance of meters	1,507	1,449	1,283	1,276
598	Maintenance of miscellaneous distribution plant	7,484	1,642	930	295
	Total maintenance	$ 41,668	$ 29,905	$ 34,579	$ 23,006
	Total distribution expenses	$ 58,647	$ 48,477	$ 54,855	$ 38,564
Customer Account Expenses					
Operation					
901	Supervision	$ -	$ -	$ -	$ -
902	Meter reading expenses	7,264	6,993	6,534	6,805
903	Customer records and collection expenses	6,519	6,939	8,382	12,350
904	Uncollectible accounts	16,073	13,711	12,498	14,233
905	Miscellaneous customer accounts expense	1,819	647	217	129
	Total customer accounts expense	$ 31,675	$ 28,291	$ 27,631	$ 33,517
Customer Service and Informational Expenses					
Operation					
907	Supervision	$ 731	$ 699	$ 665	$ 515
908	Customer assistance expenses	39,882	37,305	23,192	14,908
909	Informational and instructional expenses	53	3	13	24
910	Miscellaneous customer service and informational expenses	5,591	5,821	5,310	143
	Total customer service and informational expense	$ 46,256	$ 43,827	$ 29,180	$ 15,590

West Penn Power Company
Comparative Income Statements

FERC Account		December 31, 2017	2016	2015	2014
			(In thousands)		
Sales Expenses					
Operation					
911	Supervision	$ 68	$ 68	$ 11	$ -
912	Demonstrating and selling expenses	-	-	-	-
913	Advertising expenses	33	33	-	-
916	Miscellaneous sales expenses	-	-	-	-
	Total sales expenses	$ 101	$ 101	$ 11	$ -
Administrative and general expenses					
Operation					
920	Administrative and general salaries	$ 1,033	$ 1,208	$ 664	$ 1,237
921	Office supplies and expense	4,359	3,309	2,771	3,014
922	Administrative expenses transferred-credit	-	-	(5,037)	(2,400)
923	Outside services employed	40,040	41,288	38,134	38,764
924	Property insurance	119	124	103	89
925	Injuries and damages	1,695	1,859	1,943	1,076
926	Employee pensions and benefits	1,251	2,062	7,118	44,355
927	Franchise requirements	-	-	-	-
928	Regulatory commission expenses	3,287	3,578	3,148	2,691
929	Duplicate charges - credit	-	-	-	-
930.1	General advertising expenses	231	217	83	50
930.2	Miscellaneous general expenses	233	482	(753)	(774)
931	Rents	427	420	567	2,660
	Total administrative and general expenses	$ 52,674	$ 54,546	$ 48,741	$ 90,762
Maintenance					
935	Maintenance and general plant	1,751	2,028	1,880	839
	Total maintenance	$ 1,751	$ 2,028	$ 1,880	$ 839
	Total administrative and general expenses	$ 54,425	$ 56,574	$ 50,621	$ 91,601
	Total electric operation and maintenance expenses	$ 781,699	$ 783,081	$ 710,949	$ 660,687

WEST PENN POWER COMPANY

FILING REQUIREMENT VI-C:

"Provide the following unadjusted detailed schedules by function and by FERC account for the claimed test year and for each of the 3 preceding comparable years:

C. Plant in service."

RESPONSE:

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-13.

WEST PENN POWER COMPANY

FILING REQUIREMENT VI-D:

"Provide the following unadjusted detailed schedules by function and by FERC account for the claimed test year and for each of the 3 preceding comparable years:

D. Accumulated depreciation."

RESPONSE:

See the direct testimony and exhibits of John J. Spanos in West Penn Statement No. 7, Exhibit JJS-14.

WEST PENN POWER COMPANY

FILING REQUIREMENT I-A-4:

"Whenever a major generating plant is placed in operating service or removed from operating service the utility shall separately indicate the effect of the plant addition or removal from service upon rate base, revenue, expense, tax, income and revenue requirement as it affects the test year."

RESPONSE:

This base rate case filing requirement is not applicable to the Company's filing.

WEST PENN POWER COMPANY

FILING REQUIREMENT I-B-2:

"Provide a description of the property of the utility and an explanation of the system's operation, and supply the following, using available projections if actual data is unavailable

a. A schedule of generating capability showing for the test year, and for the two consecutive 12-month periods prior to the test year, net dependable capacity in KW by unit, plant capacity factor by unit, and total fuel consumption by type and cost for each unit, if available, or for each station, and operation and maintenance expenses by station.

b. A schedule showing for the test year and for the 12-month period immediately prior to the test year the scheduled and unscheduled outages—in excess of 48 hours—for each station, the equipment or unit involved, the date the outage occurred, duration of the outage, maintenance expenses incurred for each outage, if available, and amounts reimbursable from suppliers or insurance companies.

c. A schedule for each unit retired during the test year or subsequent to the end of the test year, which shows the unit's KW capacity, hours of operation during the test year, net output generated, cents/KWH of maintenance and fuel expenses, and date of retirement

d. A schedule showing latest projections of capacity additions and retirements—costs and KW—and reserve capacity at the time of peak for at least 10 years beyond the test year, including the in-service dates—actual or expected—and AFDC cutoff dates—if different from in-service dates—for all new generating units coming on line during or subsequent to the test year, if claimed."

RESPONSE:

This base rate case filing requirement is not applicable to the Company's filing.

WEST PENN POWER COMPANY

FILING REQUIREMENT III-B-5:

"Describe long-term debt reacquisition by issue by Company and Parent as follows:

a. Reacquisition by issue by year.
b. Total gain or loss on reacquisitions by issue by year.
c. Accounting for gain or loss for income tax and book purposes.
d. Proposed treatment of gain or loss on such reacquisition for ratemaking purposes."

RESPONSE:

a. Please see West Penn Exhibit RAD-60 Attachment A.
b. Please see West Penn Exhibit RAD-60 Attachment A.

c. *Tax Accounting:*

Gains attributable to the reacquisition of long-term debt are recognized currently for income tax purposes in the year of reacquisition, which creates book-tax temporary differences. As a result of these temporary differences, the Company records deferred income taxes by means of debits to Account 190, Accumulated Deferred Income Tax Asset and credits to Account 411.1, Provision for Deferred Income Tax, Cr. - Utility Operating Income. Amounts recorded to Account 190 are reversed over the remaining life of the respective security issue consistent with book amortization of the gain by means of debits to Account 410.1 Provision for Deferred Income Taxes – Debit, Utility Operating Income

Gains and Losses on the reacquisition of long-term debt are deducted currently for income tax purposes in the year of reacquisition, which creates book-tax temporary differences. As a result of these temporary differences, the Company records deferred income taxes by means of debits to Account 410.1, Provision for Deferred Income Taxes, Utility Operating Income, with corresponding credits to Account 283, Accumulated Deferred Income Tax Liability. Amounts recorded in Account 283 are reversed over the remaining life of the respective security issue consistent with book amortization of the loss by means of credits to Account 411.1, Provision for Deferred Income Taxes – Credit, Utility Operating Income.

Book Accounting:

In accordance with General Instruction 17 of the Uniform System on Accounts, gains on reacquired debt are placed in Account No. 257 "Unamortized Gain on Reacquired Debt". The gains are then amortized to Account No. 429.1 "Amortization of Gain on Reacquired Debt-Credit" over the remaining lives of the respective issues (old original debt).

In accordance with General Instruction 17 of the Uniform System of Accounts, losses on reacquired debt are placed in Account No. 189 "Unamortized Loss on Reacquired Debt". The losses are then amortized to Account No 428.1 Amortization

of Loss on Reacquired Debt" over the remaining lives of the respective issues (old original debt).

d. The gain on long-term debt reacquisitions are amortized to ratepayers over the remaining lives of the respective issues in accordance with the current accounting treatment as directed in General Instruction 17 of the Uniform System of Accounts, West Penn Exhibit RAD-2 reflects the appropriate adjustment for the fully projected test year, the twelve months ending December 31, 2017.

West Penn Power Company

FILING REQUIREMENT III-B-5

Line No.	Description	Amount	Total Gain (Loss) On Reacquired Debt	Purchase Accounting Adjustment March, 2011	ACTUAL Unamortized Gain (Loss) as of Dec 31, 2015	ACTUAL Unamortized Purchase Accounting as of Dec 31, 2015	PROJECTED Unamortized Gain (Loss) as of Dec 31, 2016	PROJECTED Unamortized Purchase Accounting as of Dec 31, 2016	PROJECTED Unamortized Gain (Loss) as of Dec 31, 2017	PROJECTED Unamortized Purchase Accounting as of Dec 31, 2017
	1989									
1	11.125% First Mortgage Bond Series DD due 7/1/2010	$30,000,000	$ (1,122,427)	$ 90,176	$ (132,621)	$ 37,346	$ (93,805)	$ 26,415	$ (54,989)	$ 15,485
	1995									
2	9.00% First Mortgage Bond Series EE due 6/1/2019	30,000,000	(984,302.61)	187,683.73	(307,080.42)	123,650.72	(274,178.94)	110,402.48	(241,277.46)	97,154.24
	TOTAL				$ (439,701)	$ 160,996	$ (367,984)	$ 136,818	$ (296,267)	$ 112,639

WEST PENN POWER COMPANY

"Filing of information and materials – Whenever a public utility proposes a change in rates under section 1308 (relating to voluntary changes in rates), the public utility shall file with the commission a listing of each type of advertising prepared, distributed or presented by the pubic utility or to be prepared, distributed or presented during the test year utilized by the public utility in discharging its burden of proof, and a listing of each type of advertising prepared, distributed or presented by the utility during the year immediately preceding the test year, as well as an accounting of the expenditures by the public utility for such advertising, to the extent such advertising is proposed to be included as operating expense for ratemaking purposes. The filing requirements imposed by this subsection shall not be construed to limit the right of any party to discovery under this or any other provision of law."

Summary of Advertising Expenses

Section 1316 of Title 66, Pa. Consolidated Statutes, addresses recovery of advertising expenses. In accordance with the filing requirements specified in § 1316(c), following is a listing of the types of advertising comprising the total advertising expenses for the fully future test year and the immediately preceding 2 years.

West Penn Power Company
Summary of Advertising Expenses
(000's)

Line No	Description	12 months ended December 31. 2017 Budget	December 31. 2016 Budget	December 31. 2015 Actual
	Customer Service Informational &			
1	Instructional Advertising	$ 53	$ 3	$ 13
2	Sales Advertising	33	33	37
3	A&G Advertising - General	-	-	7
4	Agency Support	213	199	27
5	Public relations	-	-	21
6	Printing	17	17	21
7	Miscellaneous	-	-	8
8	Total advertising	$ 316	$ 252	$ 134

WEST PENN POWER COMPANY

PUC STATEMENT OF POLICY TITLE 52, SECTION 69.36

"The Pennsylvania Public Utility Commission intends to examine specific factors in rate proceedings of electric and gas utilities regarding the action or failure to act to encourage development of cost effective energy supply alternatives. Specifically, the Commission will review utilities' efforts to meet the criteria in this section when determining just and reasonable rates in future rate proceedings and may consider those efforts in other proceedings instituted by the Commission

(1) *Information.* At least twice annually utilities should provide customers with information on specific means of utilizing their energy services more effectively and efficiently. Topic areas should include insulation, lighting efficiencies, appliance efficiencies, conservation practices, load management techniques or other relevant information that informs the customer of the efficient use of energy.

(2) *Energy surveys.* Class A utilities should offer onsite energy surveys to the residential, commercial and industrial classes on an ongoing basis. Surveys should be conducted by trained personnel and the results of the survey, upon written request of the customer, be delivered in writing with a clear explanation of the resulting components.

(3) *Cogeneration and small power production.* Electric utilities for which a need for capacity is projected should establish effective programs to explore and encourage the development of additional cogeneration and small power production facilities within their respective service territories.

(4) *Least cost planning.* Gas and electric utilities should actively pursue a least-cost strategy by acquiring and developing the resources necessary to effectively meet their customers' future energy needs, consistent with established availability and reliability criteria. Utilities should make a reasonable effort to promote the utilization of practical and economical energy conservation and demand management through cost effective programs.

(5) *Evaluation.* Class A utilities should demonstrate progressive work regarding development of a reliable customer data base, including, but not limited to:

(i) End-use applications for each class of customer in terms of energy and demand.
(ii) Customer behavior with regard to the decision-making process.
(iii) The impact of program decisions or strategies and how they effect the overall planning process.

6) *Natural gas co-firing.* Electric utilities should explore the potential for increasing capacity and output at coal-fired generating stations through gas co-firing"

RESPONSE:

1) Customer service representatives discuss these "Energy Efficient" topics with customers by referring to the "100 Ways to Improve Your Electric Bill" and "Understanding Electric Usage & Costs" brochures which provides energy saving information for most household electrical appliances and equipment. Representatives offer to either email or mail a copy of the brochures to customers. These "Energy Efficient" topics are also fully described and available 24/7 on the FirstEnergy website under the "Saving Energy" section at the following location:

   http://www.firstenergycorp.com/help/saving_energy.html

   In addition, on October 15, 2008, Governor Rendell signed HB 2200 into law as Act 129 of 2008[1], with an effective date of November 14, 2008. The Act imposes requirements on electric distribution companies (EDCs), with the overall goal of reducing energy consumption and demand. Act 129 directed all EDCs with at least 100,000 customers to develop and file an energy efficiency and conservation plan. The Company has filed and obtained approval for an Energy Efficiency and Conservation ("EE&C") Plan that complies with Commission Orders[2]. The EE&C plan contains numerous programs that are designed to promote, educate and achieve energy efficiency and conservation across all customer segments. Essential to the success of these programs are marketing and educational campaigns and outreach activities specific to each program that: (i) builds awareness and interest in the programs; (ii) communicates ways that customers may participate; and (iii) explains expected benefits and reasons for participating. Information about the EE&C programs available to customers is provided using a number of marketing channels such as, but not limited to, bill inserts, advertisements and the Company's website at:

   http://www.firstenergycorp.com/save_energy/save_energy_pennsylvania.html

2) Residential home energy surveys are conducted at no additional cost for income-eligible customers as part of the Low Income Usage Reduction Program known as "WARM" (Chapter 58). Income eligible customers who have lived at their residence at least 6 months are eligible for WARM. The WARM program home energy survey addresses ways to save electricity for customers who have electric heat, electric water hear, air conditioning or base load use. These surveys are conducted by Building Performance Institute Certified contractors hired by the Company. The program is

[1] 66 Pa.C.S. §§ 2806.1 and 2806.2
[2] Docket Nos. M-2009-2093218 and M-2012-2334398

open to both homeowners and renters with landlord agreement. As part of the home energy survey, contractors may perform pressure diagnostic testing using a blower door and manometers to determine where there is air leakage in the home. They also test ducts, conduct combustion safety testing and monitor electricity use of various appliances such as refrigerators and freezers for possible replacement. A personalized partnership agreement and energy-saving strategy for the home and occupants are provided as part of the program.

In addition, residential customers may also participate in the Company's Act 129 energy audit program. Under this program, comprehensive home energy audits are conducted by trained local contractors hired by the Company's Conservation Service Provider for a fee up to $350. Customers who participate in this program receive a comprehensive home energy audit which is designed to provide information on how to reduce their energy usage and increase their home's comfort and energy efficiency. Participating customer's qualify for up to $250 in rebates towards the cost of a comprehensive residential energy audit and qualified retrofits.

Residential customers can also complete the Company's Home Energy Analyzer online tool at http://www.firstenergycorp.com/content/customer/save_energy/save_energy_pennsylvania/for_your_home/pa_home_energy_analyzer.html to save energy and money. The tool enables customers to gain a better understanding of their household energy use and identify ways to improve their efficiency.

Similar to residential customers, business customers can complete the Business Energy Analyzers online tool at https://www.firstenergycorp.com/content/customer/save_energy/save_energy_pennsylvania/for_your_business/pennsylvania_businessenergyanalyzer.html. The tool will enable business customers to gain a better understanding of their energy use and identify ways to improve their efficiency.

The Company also promotes detailed energy audits for commercial and industrial customers under the Company's Act 129 programs. Customers who implement recommended building and/or system improvements are eligible for incentives towards the cost of the third party audit and qualifying audit recommended improvements.

3) All capacity requirements are secured through Commission approved default service plans.

4) West Penn's least-cost strategy is detailed in its Annual Resource Planning Report filed with the Commission pursuant to the requirements of Pa. Code §§ 57.141 – 57.153. West Penn's most recent filing, dated April 30, 2015, will be provided upon request to interested parties.

5) See the direct testimony of Kevin M. Siedt, West Penn Statement No. 3.

6) This filing requirement is not applicable to the Company's filing.

WEST PENN POWER COMPANY
Distribution Storm Costs
2011 – 2017

Line No.	Year	Storm Costs
1	2011	9,972,606
2	2012	6,772,601
3	2013	4,813,528
4	2014	5,997,796
5	2015	6,656,072
6	2016 BUDGET	7,666,451
7	2017 BUDGET	7,782,392

West Penn Power Company
Updated Legacy Meters and Associated Cost of Removal to be Recovered

Line No.		West Penn
1	Legacy Meters currently in Base Rates	$ 44,254
2	Cost of Removal of Legacy Meters currently in Base Rates	4,729
3	Total Legacy Meters and Cost of Removal in Base Rates (Line 1 + Line 2)	$ 48,983
4	Total Legacy Meters currently in Regulatory Assets	$ 50,454
5	Legacy Meters costs to be included in these Base Rate Cases (Line 4 - Line 1)	$ 6,199
6	Additional Cost of Removal of Legacy Meters to be included in these Base Rate Cases	1,291
7	Additional Legacy Meters and Cost of Removal in these Base Rate Cases (Line 5 + Line 6)	$ 7,490
8	Total Legacy Meters and Cost of Removal to be recovered in rates by April 2020 (Line 3 + Line 7)	$ 56,473
9	Amount Amortized by January 2017*	17,144
10	Total Unrecovered Legacy Meters and Cost of Removal at December 2016 to be recovered in these Base Rate Cases by April 2020 (Line 8 - Line 9)	$ 39,329
11	Annual Amortization of Legacy Meters and Cost of Removal in Regulatory Assets (Line 10 / 39 X 12)	$ 12,101
12	Less: Amortization of Legacy Meters in Budget	$ 9,797
13	Normalized Amortization for Legacy Meters and COR	$ 2,304

* when proposed rates are expected to be implemented

West Penn Power Company
Bonus Depreciation Tax Adjustments
Year 2015, 2016, 2017

The Pennsylvania adjustment decreases state taxable income on prior bonus depreciation vintages and increases state taxable income on the current vintage bonus depreciation amount taken on the federal return. In the prior rate case bonus depreciation was not projected in the outer years since bonus depreciation rules were not extended at the time. In 2015 bonus depreciation rules were extended through 2019 and is reflected in the budget. The bonus amount projected for the current year vintage in tax years 2015, 2016, and 2017 is greater than the additional Pennsylvania tax depreciation being calculated on the prior year bonus vintages creating a net increase to state taxable income. The prior case only had additional Pennsylvania tax depreciation being calculated on the prior year bonus vintages creating a decrease to state taxable income.

			Addition to State Taxable Income		**Subtraction to State Taxable Income**			
Line No.	Year	Federal Depreciation 168(K) Property	Current Year Bonus Depreciation	Total Bonus Depreciation	Additional PA Depreciation	Other Adj	Adj for Sale of 168(k) Property	Additional PA Depreciation plus Adj
	(1)	(2)	(3)	(4) =(2) - (3)	(5) = (4) X (3/7)	(6)	(7)	(8) = (5) + (6) +(7)
1	2015	$ 69,372,084	$ 41,363,527	$ 28,008,557	$ 12,003,667	$ -	$ -	$ 12,003,667
2	2016	96,554,606	65,325,482	31,229,124	13,383,910	-	-	13,383,910
3	2017	92,621,954	58,618,117	34,003,837	14,573,073	-	-	14,573,073

West Penn Power Company
Comparative Income Statements
Budget to Actuals
(In thousands)

FERC Account		Budget Filed In 2014 General Base Rate Case for 12 months ending April 30, 2016 (1)	Actuals for 10 months ending February 29, 2016 (2)	Current Budget for 2 months ending April 30, 2016 (3)	Total 12 months ending April 30, 2016 (4) = (2) + (3)	Difference for 12 months ending April 30, 2016 (5) = (4) - (1)
Operating Expenses						
401-2	Operation and maintenance expense					
	Power production expenses	$ 333,713	$ 411,980	$ 85,053	$ 497,034	$ 163,321
	Transmission expenses	33,091	45,855	8,755	54,609	21,519
	Regional market expenses	23	(0)	-	(0)	(23)
	Distribution expenses	55,610	48,007	7,273	55,280	(330)
	Customer accounts expense	30,971	18,798	5,116	23,913	(7,058)
	Customer service & information expense	21,077	28,134	9,286	37,419	16,343
	Sales expenses	-	16	16	33	33
	Administrative & general expenses	48,209	42,455	9,299	51,754	3,545
	Subtotal	$ 522,694	$ 595,244	$ 124,798	$ 720,042	$ 197,349
403	Depreciation expense	$ 55,274	$ 51,638	$ 11,256	$ 62,894	$ 7,621
404-5	Amortization and depletion of utility plant	7,125	6,633	1,606	8,239	1,114
406	Amortization and utility plant acq. adjustr	-	-	-	-	-
407	Amortization of property losses	-	-	-	-	-
407.3	Regulatory debits	2,182	12,491	1,473	13,964	11,781
407.4	Regulatory credits	7,066	4,257	(3,630)	627	(6,439)
408.1	Taxes other than income taxes	49,051	54,342	10,023	64,365	15,314
411.1	Accretion expense	-	12	-	12	12
411.8	Gains from disposition allowance	-	-	-	-	-
	Total operating expenses before federal and state income taxes	$ 643,392	$ 724,617	$ 145,526	$ 870,144	$ 226,752
	Net operating income before income taxes	$ 145,960	$ 157,190	$ 28,097	$ 185,287	$ 39,327
Power Production Expenses						
Steam Power Generation						
Operation						
501	Fuel	$ -	$ -	$ -	$ -	$ -
514	Maintenance of miscellaneous steam pla	-	-	-	-	-
	Total operation	$ -	$ -	$ -	$ -	$ -
	Total steam power generation	$ -	$ -	$ -	$ -	$ -
Nuclear Power Generation						
Operation						
518	Fuel	$ -	$ -	$ -	$ -	$ -
	Miscellaneous nuclear power expenses	-	-	-	-	-
	Total operation	$ -	$ -	$ -	$ -	$ -
	Total nuclear power generation	$ -	$ -	$ -	$ -	$ -
Other Power Generation						
Operation						
549	Miscellaneous other power generation expenses	$ -	$ -	$ -	$ -	$ -
	Total operation	$ -	$ -	$ -	$ -	$ -
	Total other power generation	$ -	$ -	$ -	$ -	$ -
Other Power Supply Expenses						
555	Purchased Power	$ 333,711	$ 411,937	$ 85,025	$ 496,963	$ 163,251
556	System control and load dispatching	-	-	-	-	-
557	Other expenses	2	43	28	71	70
	Total other power supply expenses	$ 333,713	$ 411,980	$ 85,053	$ 497,034	$ 163,321
	Total power production expenses	$ 333,713	$ 411,980	$ 85,053	$ 497,033	$ 163,320
Transmission Expenses						
Operation						
560	Operation supervision and engineering	$ -	$ 38	$ 4	$ 42	$ 42
561	Load dispatching	2,032	622	291	913	(1,119)
562	Station expenses	1,332	107	211	317	(1,015)
563	Overhead lines expense	-	96	-	96	96
564	Underground lines expenses	-	-	-	-	-
565	Transmission of electricity by others	26,808	33,909	7,685	41,595	14,787
566	Miscellaneous transmission expenses	334	196	41	238	(96)
567	Rents	-	266	53	319	319
	Total operation	$ 30,505	$ 35,234	$ 8,286	$ 43,520	$ 13,015
Maintenance						
568	Maintenance supervision and engineering	$ 395	$ 399	$ 30	$ 429	$ 34
569	Maintenance of structures	192	60	63	124	(68)
570	Maintenance of station equipment	367	1,589	23	1,612	1,246
571	Maintenance of overhead lines	1,632	8,572	352	8,924	7,292
572	Maintenance of underground lines	-	0	-	0	0
573	Maintenance of miscellaneous transmission plant	-	-	-	-	-
	Total maintenance	$ 2,586	$ 10,621	$ 468	$ 11,089	$ 8,504
	Total transmission expenses	$ 33,091	$ 45,855	$ 8,755	$ 54,609	$ 21,519

West Penn Power Company
Comparative Income Statements
Budget to Actuals
(In thousands)

FERC Account		Budget Filed in 2014 General Base Rate Case for 12 months ending April 30, 2016 (1)	Actuals for 10 months ending February 29, 2016 (2)	Current Budget for 2 months ending April 30, 2016 (3)	Total 12 months ending April 30, 2016 (4) = (2) + (3)	Difference for 12 months ending April 30, 2016 (5) = (4) - (1)
Regional Market Expenses						
Operation						
575	Operation-regional market expense	$ 23	$ (0)	$ -	$ (0)	$ (23)
	Total operation	$ 23	$ -	$ -	$ -	$ (23)
Maintonance						
576	Maintenance-regional market expense	$ -	$ -	$ -	$ -	$ -
	Total maintenance	$ -	$ -	$ -	$ -	$ -
	Total regional market expenses	$ 23	$ -	$ -	$ -	$ (23)
Distribution Expenses						
Operation						
580	Operation supervision and engineering	$ 102	$ 205	$ 15	$ 220	$ 118
581	Load dispatching	1,235	1,106	220	1,326	91
582	Station expenses	1,197	365	192	546	(650)
583	Overhead lines expense	1,364	1,693	391	2,084	720
584	Underground lines expenses	974	944	160	1,104	129
585	Street lighting and signal system expense	-	-	-	-	-
586	Meter expenses	641	699	229	927	287
587	Customer installation expenses	-	-	-	-	-
588	Miscellaneous expenses	8,150	11,349	1,848	13,197	5,047
589	Rents	-	-	-	-	-
	Total operation	$ 13,662	$ 16,352	$ 3,053	$ 19,405	$ 5,743
Maintenance						
590	Maintenance supervision and engineering	$ 413	$ 379	$ 55	$ 434	$ 21
591	Maintenance of structures	-	-	-	-	-
592	Maintenance of station equipment	4,123	8,687	659	9,346	5,223
593	Maintenance of overhead lines	33,312	19,423	2,693	22,115	(11,196)
594	Maintenance of underground lines	667	551	166	716	49
595	Maintenance of line transformers	-	66	40	106	106
596	Maintenance of street lighting and signal systems	819	822	125	947	127
597	Maintenance of meters	1,544	1,045	229	1,274	(269)
598	Maintenance of miscellaneous distribution plant	1,069	682	254	936	(133)
	Total maintenance	$ 41,948	$ 31,655	$ 4,220	$ 35,875	$ (6,073)
	Total distribution expenses	$ 55,610	$ 48,007	$ 7,273	$ 55,280	$ (330)
Customer Account Expenses						
Operation						
901	Supervision	$ -	$ -	$ -	$ -	$ -
902	Meter reading expenses	11,080	3,783	1,102	4,884	(6,196)
903	Customer records and collection expense	9,116	6,371	1,133	7,504	(1,612)
904	Uncollectible accounts	10,642	8,415	2,777	11,192	550
905	Miscellaneous customer accounts expen	134	229	104	333	200
	Total customer accounts expense	$ 30,971	$ 18,798	$ 5,116	$ 23,913	$ (7,058)
Customer Service and Informational Expenses						
Operation						
907	Supervision	$ 574	$ 555	$ 105	$ 660	$ 86
908	Customer assistance expenses	20,295	21,554	8,222	29,777	9,482
909	Informational and instructional expenses	53	12	-	12	(42)
910	Miscellaneous customer service and informational expenses	155	6,013	958	6,971	6,816
	Total customer service and informational expense	$ 21,077	$ 28,134	$ 9,286	$ 37,419	$ 16,343
Sales Expenses						
Operation						
911	Supervision	$ -	$ 15	$ 11	$ 26	$ 26
912	Demonstrating and selling expenses	-	-	-	-	-
913	Advertising expenses	-	2	5	7	7
916	Miscellaneouse sales expenses	-	-	-	-	-
	Total sales expenses	$ -	$ 16	$ 16	$ 33	$ 33

West Penn Power Company
Comparative Income Statements
Budget to Actuals
(In thousands)

FERC Account		Budget Filed in 2014 General Base Rate Case for 12 months ending April 30, 2016 (1)	Actuals for 10 months ending February 29, 2016 (2)	Current Budget for 2 months ending April 30, 2016 (3)	Total 12 months ending April 30, 2016 (4) = (2) + (3)	Difference for 12 months ending April 30, 2016 (5) = (4) - (1)
Administrative and general expenses						
Operation						
920	Administrative and general salaries	$ (206)	$ (22)	$ 554	$ 532	$ 738
921	Office supplies and expense	1,906	2,098	185	2,283	377
922	Administrative expenses transferred-crec	(2,808)	(3,352)		(3,352)	(544)
923	Outside services employed	37,350	30,604	7,030	37,634	283
924	Property insurance	296	95	20	116	(181)
925	Injuries and damages	1,203	1,401	276	1,676	473
926	Employee pensions and benefits	5,596	6,575	327	6,902	1,305
927	Franchise requirements	-	-		-	-
928	Regulatory commission expenses	2,467	2,567	588	3,156	689
929	Duplicate charges - credit	-	-		-	-
930.1	General advertising expenses	1	103	2	106	105
930.2	Miscellaneous general expenses	(881)	229	(25)	204	1,085
931	Rents	2,512	422	28	450	(2,062)
	Total administrative and general expense	$ 47,438	$ 40,720	$ 8,986	$ 49,706	$ 2,269
Maintenance						
935	Maintenance and general plant	$ 771	$ 1,735	$ 313	$ 2,048	$ 1,277
	Total maintenance	$ 771	$ 1,735	$ 313	$ 2,048	$ 1,277
	Total administrative and general expense	$ 48,209	$ 42,455	$ 9,299	$ 51,754	$ 3,545
	Total electric operation and maintenance expenses	$ 522,694	$ 595,244	$ 124,798	$ 720,042	$ 197,348

West Penn Power Company
Comparison of Plant Additions from Base Rate Case West Penn Exhibit RAD-46
va. Actuals for May 2015 - February 2016 plus Updated Budget for March-April 2016 (10 +2)
At April 30, 2016

Line No.	FERC Account	Description	10 months Actual plus 2 months Budget (1)	12 months 2014 Rate Case Budget (2)	Differences (3) = (1) -(2)
		NONDEPRECIABLE PLANT			
		Intangible Plant			
1	301	Orgenization	$ -	$ -	$ -
2	302	Franchise And Consents	-	-	-
3		Total Intangible Plant	$ -	$ -	$ -
		Land			
4	350.11	Transmission Substations	$ (503)	$ -	$ (503)
5	350.21	Transmission Lines	-	-	-
6	360.11	Distribution Substations.	(750)	-	(750)
7	360.21	Distribution Lines	-	-	-
8	389.1	General	(53)	-	(53)
9		Total Land	$ (1,306)	$ -	$ (1,306)
10		TOTAL NON-DEPRECIABLE PLANT	$ (1,306)	$ -	$ (1,306)
		INTANGIBLE PLANT			
11	303	Misc. Intangible Plant	$ 2,345,752	$ 351,270	$ 1,994,482
12	303	Smart Meter Software 10 yr	1,052,084	-	1,052,084
13	303	Smart Meter Software 7 yr	7,923,109	13,696,258	(5,773,149)
14		TOTAL INTANGIBLE PLANT	$ 11,320,944	$ 14,047,527	$ (2,726,583)
		NUCLEAR PRODUCTION			
		Nuclear Production			
15	326	Asset Retirement Costs Nuclear	$ -	$ -	$ -
16		TOTAL NUCLEAR PRODUCTION	$ -	$ -	$ -
		TRANSMISSION PLANT			
		TRANSMISSION PLANT			
17	350.12	Easements - Trans. Subs.	$ -	$ -	$ -
18	350.22	Easements - Trans. Lines	(784)	-	(784)
19	352.1	Structuras, Improvements	50,667	-	50,667
20	353	Station Equipment	5,721,389	-	5,721,389
21	354	Towers And Fixtures	(1,779)	19,902,372	(19,904,151)
22	355	Poles And Fixtures	5,052,258	-	5,052,258
23	356.1	Overhd Conductr, Devices	492,848	-	492,848
24	356.2	Clearing, Grading of Land	238,198	-	238,198
25	358	Undergrnd Conductr,Devices	6,510	-	6,510
26	359	Roads And Trails	-	-	-
27	359.1	ARC Transmission	-	-	-
28		TOTAL TRANSMISSION PLANT	$ 11,559,306	$ 19,902,372	$ (8,343,066)
		DISTRIBUTION PLANT			
29	360.12	Easements - Dist. Subs.	$ (2,349)	$ -	$ (2,349)
30	360.22	Easements - Dist. Lines	(1,044)	-	(1,044)
31	361.1	Structuras, Improvements	46,832	-	46,832
32	361.2	Clearing, Grading of Land	-		-
33	362	Station Equipment	5,122,707	94,927,364	(89,804,658)
34	364	Poles, Towers And Fixtures	15,556,715	-	15,556,715
35	365	Overhd Conductr, Devices	16,244,762	-	16,244,762
36	365.1	Clearing, Grading of Land	16,127,045	-	16,127,045
37	366	Underground Conduit	147,327	-	147,327
38	367	Undergrnd Conductr,Devices	10,011,374	-	10,011,374
39	368	Line Transformers	13,382,988	(2,160,351)	15,543,339
40	369	Services	4,419,333	-	4,419,333
41	370	Meters	1,582,866	-	1,582,866
42	370.3	Smart Meters	15,018,192	13,087,557	1,930,635
43	370	Smart Meters	-	-	-
44	371	Inst. On Cust. Prem.	86,888	-	86,888
45	372	Leased Property Cust Premis	-	-	-
46	373.1	Street Light - Oh, Ug Lines	2,022,658	-	2,022,658
47	373.3	Street Light - LED Ohio Tar	-	-	-
48	374	ARC Distribution	-	-	-
49		TOTAL DISTRIBUTION PLANT	$ 99,766,294	$ 105,854,571	$ (6,088,277)
		GENERAL PLANT			
50	389.2	Easements	$ (11)	$ -	$ (11)
51	390.1	Structures, Improvements	1,311,069	-	1,311,069
52	390.3	Struct Imprv, Leasehold Imp	(1,573)	-	(1,573)
53	391.1	Office Furn., Mech. Equip.	45,007	-	45,007
54	391.15	Office Mechines	(101)	-	(101)
55	391.2	Data Processing Equipment	5,362,849	1,409,001	3,953,848
56	391.5	Pe Smart Meters H	2,376,701	3,989,486	(1,612,785)
57	392	Transportation Equipment	715,114	-	715,114
58	393	Storas Equipment	(25)	-	(25)
59	394	Tools, Shop, Garage Equip.	630,569	-	630,569
60	395	Laboratory Equipment	(351)	-	(351)
61	396	Power Operated Equipment	9,918	-	9,918
62	397	Communication Equipment	418,692	-	418,692
63	398	Misc. Equipment	(3,288)	-	(3,288)
64	399.1	ARC General Plant	-	-	-
65		TOTAL GENERAL PLANT	$ 10,864,570	$ 5,398,487	$ 5,466,083
66		TOTAL	$ 133,509,808	$ 145,202,957	$ (11,693,149)

Statement No. 3

West Penn Statement No. 3

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

WEST PENN POWER COMPANY
DOCKET NO. R-2016-2537359

Direct Testimony
of
Kevin M. Siedt

List of Topics Addressed

Sales and Revenue Normalization
Rate Design
Customer Impact Analysis
Proof of Revenue Analysis and Bill Comparisons
Tariff Revisions

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APPENDIX A

DIRECT TESTIMONY
OF
KEVIN M. SIEDT

I. INTRODUCTION AND BACKGROUND

Q. Please state your name and business address.

A. My name is Kevin M. Siedt. My business address is 2800 Pottsville Pike, Reading, Pennsylvania 19612.

Q. By whom are you employed and in what capacity?

A. I am employed by FirstEnergy Service Company as a Consultant in the Rates and Regulatory Affairs Department – Pennsylvania.

Q. What are your responsibilities as a Consultant?

A. Generally, the Rates and Regulatory Affairs Department – Pennsylvania provides regulatory support for the Pennsylvania electric utility subsidiaries of FirstEnergy Corp. ("FirstEnergy"), which include West Penn Power Company ("West Penn" or the "Company"). As a Consultant in the Rates and Regulatory Affairs Department, my responsibilities with respect to West Penn are to support the development, preparation, and presentation of the Company's retail electric rate design and related rules and regulations, and ensure the uniform administration and interpretation in all the Company's rate-related matters before the Pennsylvania Public Utility Commission ("Commission"). I also am responsible for, among other things, default service plan development and implementation, recovery of non-utility generation costs, regulatory program cost recovery and other financial matters.

Q. What is your educational background and work experience?

A. I obtained a Master's Degree in Business Administration from Moravian College in 1994. I am also a graduate of Rowan University where I received a Bachelor of Science Degree with a major in Accounting and Finance in 1984. My work experience is more fully described in Appendix A to this testimony.

Q. On whose behalf are you testifying in this proceeding?

A. I am testifying on behalf of West Penn.

Q. What is the purpose of your direct testimony?

A. My testimony addresses: (i) the annualization and normalization of sales and revenues used in the Company's cost of service studies; (ii) the rate design methodology used to develop the distribution rates proposed in this proceeding; (iii) a customer impact analysis, which compares bills at current and proposed rates; (iv) a proof of revenue analysis; and (v) changes to West Penn's Electric Service tariffs.

Q. Have you prepared and are you sponsoring exhibits to accompany your testimony?

A. Yes. As discussed in more detail later in my testimony, I am sponsoring Exhibits KMS-1 through KMS-8 for the Company, which were prepared by me or under my supervision. The subjects addressed in each of these exhibits are summarized below:

KMS-1 This exhibit consists of Attachments A, B and C, reflecting normalized sales and revenues for the test years ending December 31, 2017, December 31, 2016, and December 31, 2015, respectively

KMS-2 Summary of Present and Proposed Distribution Revenues

KMS-3 Customer Charge Analysis

KMS-4 Proof of Revenues Analyses

KMS-5 Customer Impact Analyses

KMS-6 Cost and Proposed Base Rate Revenue Curves

KMS-7 Matrix of Tariff changes

KMS-8 Responses to the certain Commission filing requirements as specified by 52 Pa. Code §§ 53.52 and 53.53.

In addition, I am sponsoring modifications to the rate schedules and to certain of the riders in the Company's proposed tariff, which are discussed further in this testimony.

II. ENERGY SALES AND REVENUE NORMALIZATIONS

Q. What was the basis for developing the Company's claims for energy sales, demand and base rate revenue for the fully projected future test year ("FPFTY")?

A. The starting point for the Company's claims was the budget forecast of energy sales, demand and base rate revenue for the twelve months ending December 31, 2017. The budget forecast was developed by reviewing current customer consumption data, conducting appliance saturation surveys and analyzing actual historical customer usage for the past several years to identify patterns and trends. That information was used to develop detailed projections of the actual billing determinants (number of customers, demand (in kilowatts ("kW")) and energy (in kilowatt hours ("kWh")) for each rate schedule. The actual charges for each component of each rate schedule were applied to the applicable billing determinants (customers, kW or kWh) to project the revenue to be billed under each rate schedule by month for the FPFTY. This detailed process assures that revenue under proposed rates can be directly tied in to the billing determinants underlying the Company's revenues under existing rates that are used to calculate its revenue deficiency in this case.

Q. In developing the Company's revenue claims in this case, were the budget projections and, specifically, the application of rates to the projected billing determinants reviewed for computational accuracy?

A. Yes. The budget forecasts were found to be very accurate. West Penn only made normalization adjustments that were consistent with the Commission's filing requirements.

Q. Did you make any other adjustment to reflect normalized sales?

A. Yes, I made an adjustment to reflect the impact of the expanding use of light-emitting diode ("LED") street lighting. In its last base rate case, the Company proposed and the Commission approved a new service offering and rate schedule for the installation of LED street lighting. As I previously explained, the 2017 budget, which formed the basis for the FPFTY level of energy sales, demand and base rate revenue, reflects the effects of the current level of LED street lighting installations. Nonetheless, based on the current pace at which LED installations are taking place, it is anticipated that there will be a materially larger number of LED fixtures installed by the end of the FPFTY than is reflected in the 2017 budget forecast. To a very large extent, the LED fixtures are replacing existing sodium vapor and mercury vapor street lighting fixtures. Because LED lighting distribution rates were set at a price lower than the distribution rates for the lights that are being replaced, it is necessary to make a normalization adjustment to reflect the lower level of revenue that will result from the expanded use of LED street lighting.

Q. Were any adjustments made to the budget forecast data to present energy sales, demand and base rate revenue on a ratemaking basis?

A. Yes. Adjustments for ratemaking purposes were made to annualize and normalize the budget data. Annualization is the process of adjusting budgeted sales and revenues projected to be billed over a full test year to reflect the level of sales and revenues as of the end of the test year. In that way, pro forma sales and revenues are stated on a basis that properly reflects sales and revenues to be experienced going forward. Normalization is the process of adjusting budgeted sales and revenues to remove outliers and anomalies from the test year data. Thus, unusual events and one-time effects are "normalized" to reflect ongoing conditions.

Q. Have you prepared an exhibit setting forth annualized and normalized sales and revenues?

A. Yes, I have. Annualized and normalized sales and revenues are presented in Attachments A through C of Exhibit KMS-1 for the twelve months ending December 31, 2017, December 31, 2016, and December 31, 2015, respectively. Summaries of the Company's distribution revenues under existing and proposed rates are provided in Exhibit KMS-2. The principal adjustments to the budget forecast data were made to annualize the sales and revenue effect of customers added during the test year and to normalize and annualize sales levels to reflect reductions attributable to measures that have been or will be implemented under the Company's Commission-approved Phase III Energy

Efficiency and Conservation ("EE&C") Plans, which were adopted pursuant to Section 2806.1 of the Pennsylvania Public Utility Code[1].

Q. Please describe the adjustment made to budget forecast data for the twelve months ending December 31, 2017 to annualize revenues for changes in the number of customers.

A. In accordance with the Commission's filing requirements, an adjustment was made to annualize energy usage and demand for the difference between the monthly average number of customers forecasted for the FPFTY and the number of customers forecasted for the end of the FPFTY. Usage (kWh) and demand (kW) forecasted for the FPFTY were divided by the monthly average number of customers at mid-month (for each month) to calculate the average usage and average billed demand per customer. The average usage (in kWh) and average demand (in kW) per customer were multiplied by the difference between the monthly average number of customers and the number of customers forecasted for the end of the test year to determine the additional kWh and kW to be added to the budget forecast to annualize sales and revenue.

The additional revenues attributable to the customer annualization were calculated by multiplying the additional billing determinants (customers, kW or kWh) derived from the customer annualization by the applicable customer, demand or energy charges. This calculation is shown in Exhibit KMS-1, Attachment A, page 3, column 12.

[1] 66 Pa.C.S. § 101, et seq.

Q. Please describe the adjustments made to budget forecast data for the twelve months ending December 31, 2017 to normalize and annualize revenues for conservation measures implemented or to be implemented pursuant to the Company's EE&C Phase III Plan.

A. The energy sales that were forecasted by rate schedule for the FPFTY reflect anticipated usage reductions from energy efficiency measures implemented in accordance with the Company's Commission-approved Phase III EE&C Plan. The forecasted reductions are reflected by month from January 1, 2017 through December 31, 2017. The revenue reductions for the entire FPFTY were calculated by annualizing the usage reduction targets that the Company must achieve by the end of its Phase III EE&C Plan (May 31, 2021). The annualized amount was netted against the monthly savings already included in the FPFTY sales forecast to derive the additional energy efficiency normalization adjustment. The same approach was used to annualize and normalize behind-the-meter generation to derive a total energy efficiency normalization adjustment. The revenue effect of the annualization was calculated by multiplying the annualized energy efficiency sales reductions by the average rate per customer by rate schedule.

III. RATE DESIGN

Q. What considerations, concepts and objectives underlie the rate designs proposed by the Company?

A. The following general principles were employed in designing the proposed rates:

- Rates must be designed to produce revenues equal to the Company's revenue requirement at the appropriate billing determinants.

- Rates should be designed to properly reflect cost causation and, in that regard, the results of a cost of service study are used as a guide.

- Rates generally should be designed, if practicable, to move revenues for each rate schedule (or in some instances, customer classes consisting of aggregated rate schedules) toward that schedule's cost of service, giving due regard to factors such as gradualism, economic efficiency, relative ease or difficulty of administration, and customer understandability.

In addition to the general principles I just described, the Company determined that in developing its proposed rates, it should strive to achieve the following objectives:

- There should be a unified distribution rate design for all four of the FirstEnergy electric utilities that furnish service in Pennsylvania, given that the Companies are managed on a consistent basis with a uniform set of business processes.

- The rate design should give due consideration to the fact that distribution service has now been fully unbundled for ratemaking purposes.

- All else being equal, distribution rates should reflect customer demand rather than energy usage. This is because distribution costs are driven predominantly by investment in fixed assets, which does not vary with a customer's energy usage.

- With the implementation of the Company's Commission-approved Smart Meter Deployment Plan and the significant investment in smart meter technology that the Plan requires, the Company's rate design should incorporate the functionality that smart meters provide to accurately measure demand.

- Reconcilable adjustment clauses, set forth in riders to the Company's base rates, should be used to recover certain costs that are volatile in nature and generally not under the Company's control, consistent with the criteria for adjustment clauses established under Section 1307 of the Public Utility Code.

Q. What role did the results of the cost of service study play in designing the proposed distribution rates?

A. The cost of service study for the Company was prepared by Thomas Dolezal and is described in West Penn Statement No. 4. The results of the cost of service study were the starting point for designing the proposed distribution rates. However, the final rate designs for the distribution rates that I am recommending also incorporate the rate design principles and objectives that I previously described, as well as my experience in designing utility rates.

Q. How did you design the proposed distribution rates?

A. I began by reviewing the rates of return produced by the various rate schedules under current rates and the FPFTY level of revenue requirement. The rate schedules exhibit a range of returns from positive to negative. The divergent class returns provide an indication, based on a snapshot at a specific moment in time, of the general magnitude of interclass subsidies that exist among rate classes under current rates. Based upon the Company's overall retail rate of return, the cost of service study shows that certain rate schedules are producing less than the Company's overall rate of return, while others are producing rates of return in excess of it.

Next, I reviewed the revenue that each rate schedule would have to produce to achieve a rate of return equal to the Company's overall rate of return under the proposed distribution rates. This level of revenue shows the magnitude of the rate changes necessary to move each rate schedule to its cost of service as indicated by the cost of service study.

While movement toward cost of service is an important element in designing rates, it is not the only factor that must be considered. For instance, the impact on customers' bills from implementing a range of potential rate increases must be carefully evaluated. Establishing rates for each rate schedule that produce a retail rate of return equal to the Company's overall rate of return is the theoretical target of the rate design process. However, the Company understands that bringing some of the rate schedules to their indicated cost of service would impose rate decreases for some and/or potentially disruptive rate increases for others. The proposed rate design, therefore, properly applies the principle of gradualism to mitigate customer impact.

Q. Has a table been prepared that shows the rates of return under existing and proposed rates by rate schedule for the Company?

A. Yes. Such tables are set forth in Mr. Dolezal's direct testimony. That table also shows the unitized rates of return ("UROR") for each rate schedule. The UROR of a rate class is the class rate of return divided by the Company's overall average rate of return. A class UROR greater than 1.0 indicates that the class revenue exceeds the class cost of service. A class UROR less than 1.0 indicates that the class revenue is less than the class cost of service. URORs are used as a guide to measure the progress that changes in rates

will achieve in moving classes toward a UROR of 1.0 or "unity," which is generally accepted as a desirable goal in rate design, subject to those other rate design factors that I previously discussed.

Q. Were any specific criteria used in determining how much progress should be made in moving specific rate schedules toward unity, or cost of service?

A. Yes. In order to implement the concept of gradualism as applied to the guidance provided by the results of the Company's cost of service study, two general criteria were developed. The first criterion was that no customer class would experience, on average, an increase of more than 20% of total revenue assuming customers were taking default service. The second criterion was a benchmark calculated by reference to total distribution revenues. Specifically, for each rate schedule, the Company calculated two percentages, as follows: (1) revenue equal to the rate schedule's cost of service divided by total-Company distribution revenue under existing rates; and (2) revenue under the rate schedule's existing rates divided by total-Company distribution revenue under existing rates. The average of those two percentages became a target, such that revenue produced by each rate schedule under the proposed rates, expressed as a percentage of total-Company distribution revenue under proposed rates, would approximate the target percentage.

Q. Turning to the design of specific rates, please describe, in general, the changes the Company proposes to its existing Residential rate schedules.

A. The Residential rates were designed to recover the targeted level of revenues for that class. The Company proposes that the customer charge be increased by a larger

percentage than the overall revenue increase for the class to better reflect actual customer-related costs. The amount of the increase is based on the analysis of customer-related costs that has been prepared and is provided as West Penn Exhibit KMS-3. The Company's customer-related cost analysis was performed in the same manner as the comparable customer-cost analysis presented by PPL Electric Company in its 2012 electric base rate case, where that analysis was approved and used as the basis for the increase in customer charges that the Administrative Law Judge and the Commission adopted.[2]

Once the customer charge was established, customer charge revenue was deducted from the total revenue target for the class to determine the revenues to be recovered in the variable charge. The variable charge was then increased to recover the non-customer charge revenue for the class.

Q. Was the same general approach to rate design that you explained above for the Residential class employed for the other rate classes?

A. Yes, it was. Customer charges were increased to better reflect customer-related costs and the non-customer charges of each rate schedule were increased to recover the remaining revenue in order to reach the class revenue target. The non-residential customer charges were increased by approximately the same percentage as the distribution percentage increase for each non-residential rate.

[2] *Pa. P.U.C. v. PPL Elec. Util. Corp.*, Docket No. R-2012-2290597, Recommended Decision (Oct. 19, 2012), pp. 118-120, and Final Order (Dec. 28, 2012), p. 131.

Q. What impact, if any, will this base rate case have on riders that are in place, or are expected to be in place shortly, for the Company?

A. There is a relationship between this case and the Company's existing Default Service Support ("DSS") Rider, Hourly Pricing Default Service ("HP") Rider and its proposed Distribution System Improvement Charge ("DSIC"), which is currently pending approval from the Commission.[3] I will discuss the DSIC first.

On February 16, 2016, the Company filed a Petition requesting Commission approval to implement a DSIC rider and to begin to charge an initial DSIC rate effective July 1, 2016. Pursuant to the applicable provisions of the Public Utility Code, the DSIC will recover the fixed costs of eligible property (as defined in the Code) placed in service since the end of the FPFTY in the Company's last base rate case. The eligible property that will form the basis for the Company's DSIC rates in effect from July 1, 2016 through the end of the future test year ("FTY") in this case (the twelve months ending December 31, 2016) are part of the plant in service that is included in the proposed rate base in this case. Therefore, the fixed costs of that plant will be recovered in the new base rates when they become effective. Accordingly, the "C-Factor" of the DSIC will be reset to zero on the effective date of new base rates, and the "E-Factor" will remain only to true-up prior period DSIC costs and revenues.

In addition to the impact of the DSIC, discussed above, the Company is proposing in this case to update the charges imposed under its DSS and HP Riders to reflect an increase in

[3] I would note that the Company's State Tax Adjustment Charge is zero and is expected to remain at zero through to the effective date of the new base rates established in this case.

uncollectible accounts expense, as explained by Laura W. Gifford in West Penn Statement No. 6.

IV. PROOF OF REVENUE ANALYSIS AND BILL COMPARISONS

Q. What is a proof of revenue analysis?

A. A proof of revenue analysis provides the total billing units for a specified period (January 1, 2017 through December 31, 2017, for the FPFTY), including pro forma ratemaking adjustments, summarized by rate components for each rate schedule and multiplied by the applicable unit rates to derive the base rate revenues that proposed rates will produce. Exhibit KMS-4 contains the Company's proof of revenue analysis.

Q. Have you prepared an analysis of the rates in the Company's proposed tariff supplements showing their impact upon various customer classes?

A. Yes. Exhibit KMS-5 sets forth the Company's comparison of bills at current and proposed rates for the Company's residential, commercial and industrial customers at selected ranges of usage. The exhibit shows, among other things, the percentage impact on a customer's total electric service bill based on the proposed rates. For example, as shown on page 1 of Exhibit KMS-5, a residential customer of West Penn that receives service under Rate Schedule RS and uses 1000 kWh per month would pay $124.16 under the proposed rates, which represents an increase of 9.63% in the customer's total bill.

Q. Please explain what is shown in Exhibit KMS-6.

A. Filing Requirement IV-E-2 requires that the Company provide a comparison showing costs, as defined by the cost of service study, and the proposed base rate revenues and

usage for all rate schedules. Exhibit KMS-6 depicts that comparison graphically for representative rate schedules.

V. TARIFF REVISIONS

Q. Is the Company proposing any changes to its existing tariff in addition to changing the rates for service in the manner you previously described?

A. Yes. The Company is proposing certain technical, non-substantive revisions that are shown in the matrix of changes set forth in Exhibit KMS-7. Those changes are also summarized below:

1) Description of Service Territory – The description of the Company's service territory has been revised to conform to the Company's actual service territory.

2) Modification of the Definitions of Applicant and Customer(s) – The definitions were modified to state that an Applicant or Customer must be at least 18 years old, consistent with 52 Pa. Code § 56.2.

3) Rule 2 – The phrase "in the amount that is equal to one-sixth (1/6) of the Applicant's/Customer's estimated annual bill" is being replaced with "in an amount that conforms to the requirements of 52 Pa. Code § 56.51."

4) Rule 7 – Currently, Rule 7 establishes standard wiring, apparatus, and installation obligations for the Company and the customer. This rule is being modified to adopt power factor requirements that are consistent with the Company's resource planning documents.

5) Rule 10 – "Kilovar" is being changed to "kilovar."

6) Rule 11.b. – Rule 11.b. deals with late payment charges. The rule is being modified to reflect charges of 1.5% for residential and 2.0% for non-residential customers pursuant to 52 Pa. Code § 56.22. The incremental impact of this change has been reflected in Exhibit KMS-2.

7) Rule 22 – Rule 22 deals with the transfer of customers between electric generation suppliers ("EGSs"). The rule is being updated to conform to new regulations.[4].

8) LED Street Lighting – The existing tariff requires a minimum installation of twelve LED lights per customer. A modification is proposed so that this requirement will not apply to new installations.

9) Street Lighting Schedules – The rate schedules are being revised to establish a replacement/removal fee.

10) Rate Schedule Availability – A number of rate schedules currently require that a customer be transferred to another rate schedule if the customer exceeds a specified usage or demand threshold in two consecutive months. The availability section of the applicable rate schedules is being revised to provide that a review for compliance will be performed once per year, and a customer will be deemed out of compliance if it exceeded the specified threshold in two consecutive months during the preceding twelve-month review period.

[4] 52 Pa. Code Chapter 57, Subchapter M, *Standards for Changing a Customer's Electricity Generation Supplier.*

11) Rider L – Rider L is the Partial Service Rider. Language was added to expressly state that the General Monthly charges listed in Rider L are in addition to the charges included in the applicable rate schedule, which makes the tariff language clearly reflect the existing manner in which those charges have been applied.

12) Rate Schedule 20 – The last sentence of the Monthly Service provision is being removed because there is no demand component to the distribution charges for Rate Schedule 20.

13) Rate Schedule 30 – The language in the first paragraph of the Monthly Service provision is being corrected by replacing 50% with 100%. The 50% term was a remnant of West Penn Power Tariff Electric – Pa. P.U.C. No. 39, which is no longer effective.

14) Rate Schedule 35 – The entire Monthly Service provision set forth in Rate Schedule 30 is being added to this rate schedule. In West Penn's last rate case, Rate Schedule 30 was divided into two rate schedules, Rate Schedule 30 and 35. The applicable provisions from Rate Schedule 30 should have been included in Rate Schedule 35

15) Rate Schedule 35. The qualifying language of the Voltage Discount is being modified to state that the voltage discount applies to customers served at voltages greater than 1,000 volts. The purpose of this change is to provide clearer qualifying language for the existing practice for the application of the voltage discount.

16) Rate Schedule 40 – The minimum demand is being increased from 25 kW to 2,000 kW to match the minimum requirements for availability on this rate schedule.

17) Determination of Billing Demand, Rate Schedules 30, 35 and 40 – Eliminate "non-interval" from the sentence that designates the customers to whom the on-peak and off-peak provisions apply.

Q. Please explain the proposed changes to eliminate certain options under existing street lighting and outdoor lighting rate schedules.

A. The Company proposes to eliminate certain street lighting sizes and general provisions within the lighting schedules that have become obsolete through restrictions (grandfathering) to existing customers on certain lighting schedules and a result of migration to newer technology. The Company proposes to eliminate those options that are part of the rate schedules that are grandfathered for continued use only by existing customers in the existing tariff; have been replaced by newer technologies (such as replacing mercury vapor with high pressure sodium vapor lamps); and have no customers currently on the specific option. A listing of all of the sizes and provisions proposed to be eliminated is set forth on the last page Exhibit KMS-6.

VI. MISCELLANEOUS MATTERS

Q. Please describe the provisions of 52 Pa. Code § 69.36.

A. This section of the Commission's regulations is a Statement of Policy expressing the Commission's intent to examine in electric and gas rate proceedings actions taken by utilities to encourage the development of cost effective energy supply alternatives. I am

responding only to 52 Pa. Code § 69.36(5), which requires utilities to demonstrate "progressive work regarding the development of a reliable customer data base."

Q. Please address the Company's efforts to develop a reliable customer data base in accordance with 52 Pa. Code § 69.36(5).

A. The Company has completed substantial work in this area. The Company's Customer Care System currently contains data for each customer regarding billing, usage and usage-related revenue, demand and demand-related revenue, rate categories and a "premises" code. The premises code keeps track of all data associated with a location, even if the customer at that location changes its name, moves, etc. More recently, the Company has developed a "business warehouse" data base that allows the Company to query customer-specific data. In addition to this data base, the Company routinely completes residential customer surveys, which produce additional information concerning customers' characteristics, such as appliance usage and air conditioning saturation. Also, each year the Company conducts a Large Power Customer contact survey. Throughout the year, Company representatives routinely meet with large customers to discuss their current and long-term needs and other factors related to their electric service. These contacts provide information regarding programs, services, rates and other information which might affect their businesses.

From these data bases, surveys and other contacts with customers, the Company has amassed a substantial amount of information about customers' end-use applications and their behavior and decision-making processes. This information is routinely factored into the Company's planning for furnishing service and conducting their operations.

VII. CONCLUSION

Q. Does this complete your direct testimony?

A. Yes, it does.

Resume: Education and Experience of Kevin M. Siedt

Education:

1984	Bachelor of Science Degree- Accounting/Finance, Rowan University, Glassboro, New Jersey
1994	Masters of Business Administration Degree, Moravian College, Bethlehem, PA

Experience:

1984 – 1987	Commercial Credit Analyst – First Fidelity Bank
1987 – 1993	Financial Analyst, Corporate Finance Department – Foster Wheeler Corporation
1993 – 1996	Senior Financial Analyst, Corporate and Project Finance – Foster Wheeler Corporation
1996 – 1997	Manager of Financial Analysis, Corporate and Project Finance - Foster Wheeler Corporation
1997 – 1998	Director of Financial Analysis, Corporate and Project Finance – Foster Wheeler Corporation
1998 – 2001	Financial Consultant, Treasury Department – GPU Corporation
2001 – 2002	Consultant, Market Economics – GPU Corporation
2002 – 2010	Staff Business Analyst, Rates and Regulatory Affairs – FirstEnergy Service Company
2010 – 2014	Rate Analyst V, Rates and Regulatory Affairs – FirstEnergy Service Company
2014 – Present	Consultant, Rates and Regulatory Affairs – FirstEnergy Corporation

Prepared and presented testimony in the following rate-related cases:

Pa. P.U.C. Cases: Docket Nos.	P-00072259
	P-2010-2157862
	M-2011-2250561
	M-2011-2259298
	M-2011-2250682
	P-2012-2292284
	C-2012-2284617
	C-2012-2295306
	M-2012-2312766
	M-2012-2312767
	M-2012-2312769
	M-2012-2312772

M-2012-2312633
M-2012-2312770
M-2012-2334387
M-2012-2334392
M-2012-2334395
M-2012-2334398
P-2013-2391368
P-2013-2391372
P-2013-2391375
P-2013-2391378
R-2014-2428745
R-2014-2428743
R-2014-2428744
R-2014-2428742
M-2015-2514768

NJ BPU Cases: Docket Nos. ER05121018
EM02030152
EM03060438
EM04010045
EM05040314
EM12040309

Assisted in development and preparation of the following rate cases:

Pa. P.U.C. Cases: Docket Nos. R-00061366
R-00061367
P-0072305
M-2008-2069887
P-2008-20066692
P-2009-2093053
P-2009-2093054
R-00974008
R-00974009
M-2009-2092222
M-2009-2112952
M-2009-2552956
P-2009-2093053
P-2009-2093054
M-A-2010-2176520

A-2010-2176732
P-2011-2273650
P-2011-2273668
P-2011-2273669
P-2011-2273670
M-2012-2289411

Exhibits

West Penn Power Company
Sales and Distribution Revenue Normalization
Fully Projected Future Test Year Twelve Months Ending December 2017

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers End of Period (2)	Number of Customers Monthly Average (3)	Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues ($) (6)	Incremental Rate (¢/KWH) (7)	Incremental Rate ($/Customer) (8)	Incremental Rate ($/Demand*) (9)	Added Customers (10)	Added Customer Useage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue (15)	Specific Revenue Adjustment (16)
1	RS	620,626	620,272	6,628,804,605	7,259	235,244,391	2.896¢	$ 5.810	$ 2.000	354	3,783,198	0	(144,314,697)	(158)	134,242	(4,179,670)
2	GSV	536	534	19,479,605	51,216	703,810	2.896¢	$ 5.810	$ 2.000	2	72,958	192	(161,362)	(424)	2,636	(5,521)
3	PSU	1	1	223,685,381	437,837	1,049,423	0.000¢	$ 601.750	$ 2.380	0	0	0	(1,846,010)	(3,613)	0	(8,599)
4	OL	5,155	5,155	26,921,486	0	4,442,174	0.000¢	$ 110.542	N/A	0	0	0	(386,704)	0	536,977	(5,314,673)
5	AGR	2	2	0	8,978	4,471	0.000¢	$ 86.430	$ 0.344	0	0	0	0	21,622	0	7,438
6	PP40	129	130	5,161,993,482	15,782,726	9,372,164	0.000¢	$ 553.300	$ 0.531	(1)	(44,187,257)	(131,710)	(83,357,536)	(251,736)	(75,129)	(132,311)
7	PP44	1	1	66,786,026	112,842	31,829	0.029¢	$ 4.080	$ 0.110	0	0	0	(1,137,512)	(1,922)	0	(541)
8	PP46	2	2	1,473,065,773	3,630,103	2,929,969	0.089¢	$ 4.040	$ 0.440	0	0	0	(25,089,537)	(61,829)	(12,908)	(664,283)
9	GS20	60,645	60,489	239,628,584	0	12,236,674	3.048¢	$ 6.690	N/A	156	385,738	0	(2,504,260)	0	33,001	(45,375)
10	GP30	36,031	36,205	3,837,320,925	18,531,156	66,498,319	0.400¢	$ 17.420	$ 2.338	(174)	6,383,122	26,990	(39,801,486)	(2,148,821)	140,008	(2,888,719)
11	GP35	736	478	2,507,936,227	7,796,929	18,210,991	0.000¢	$ 137.930	$ 2.230	258	(5,605,079)	(17,375)	(32,707,383)	1,850,262	415,643	(470,720)
12	STLT	556	556	47,501,010	0	6,992,413	0.000¢	$ 1,048.024	N/A	0	0	0	(7,686,708)	0	0	0
13	TOTAL PA	724,420	723,825	20,233,123,104	46,359,046	357,716,628				595	(39,167,320)	(86,174)	(338,993,195)	(596,619)	536,977	(5,314,673)

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Fully Projected Future Test Year Twelve Months Ending December 2017

Energy Usage and Adjustments

Line No.	Rate Group (1)	Number of Customers: End of Period (2)	Number of Customers: Monthly Average (3)	Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Demand* Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
1	RS	620,626	620,272	354	6,628,804,605	7,259	10,687	0	3,783,198	0	(144,314,697)	(158)	(140,531,499)	(158)	6,488,273,106	7,101
2	GSV	536	534	2	19,479,605	51,216	36,479	96	72,958	192	(161,362)	(424)	(88,404)	(232)	19,391,201	50,984
3	PSU	1	1	0	223,685,381	437,837	223,685,381	437,837	0	0	(1,846,010)	(3,613)	(1,846,010)	(3,613)	221,839,371	434,224
4	OL	5,155	5,155	0	26,921,486	0	37,564	0	0	0	(386,704)	0	(386,704)	0	26,534,782	0
5	AGR	2	2	0	0	8,978	0	4,489	0	0	0	21,622	0	21,622	0	30,600
6	PP40	129	130	(1)	5,161,993,482	15,782,726	63,054,951	205,177	(44,187,257)	(131,710)	(83,357,536)	(251,736)	(127,544,793)	(383,446)	5,034,448,689	15,399,280
7	PP44	1	1	0	66,786,026	112,842	66,786,026	112,842	0	0	(1,137,512)	(1,922)	(1,137,512)	(1,922)	65,648,514	110,920
8	PP46	2	2	0	1,473,065,773	3,630,103	736,532,887	1,815,052	0	0	(25,089,537)	(61,829)	(25,089,537)	(61,829)	1,447,976,236	3,568,274
9	GS20	60,645	60,489	156	239,628,584	0	12,158	0	385,738	0	(2,504,260)	0	(2,118,522)	0	237,510,062	0
10	GP30	36,031	36,205	(174)	3,837,320,925	18,531,156	272,087	1,402	6,383,122	26,990	(39,801,486)	(2,148,821)	(33,418,364)	(2,121,831)	3,803,902,561	16,409,325
11	GP35	736	478	258	2,507,936,227	7,796,929	10,471,833	32,558	(5,605,079)	(17,375)	(32,707,383)	1,850,262	(38,312,462)	1,832,887	2,469,623,765	9,629,816
12	STLT	556	556	0	47,501,010	0	85,433	0	0	0	(7,686,708)	0	(7,686,708)	0	39,814,302	0
13	TOTAL PA	724,420	723,825	595	20,233,123,104	46,359,046			(39,167,320)	(86,174)	(338,993,195)	(596,619)	(378,160,515)	(682,793)	19,854,962,589	45,676,253

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Fully Projected Future Test Year Twelve Months Ending December 2017

Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues ($) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Customer Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate (¢/KWH) (9)	Incremental Rate ($/Customer) (10)	Incremental Rate ($/Demand*) (11)	Added Customer Use Revenue (4)*(10)*12+(5)*(9)/100+(6)*(11) (12)	Specific Revenue Adjustment (7)*(9)/100+(8)*(11) (13)	Other Revenue Adjustment (14)	Total Revenue Adjustment (12)+(13)+(14) (15)	Normalized Revenues (3)+(15) (16)	DSIC Charges (17)	Subtotal Base Dist. Rev. plus Rider Changes (18)
							Revenues and Adjustments											
1	RS	6,628,804,605	235,244,391	354	3,783,198	0	(144,314,697)	(158)	2.896¢	$ 5.810	$ 2.000	134,242	(4,179,670)	(14,298)	(4,059,726)	231,184,665	809,654	231,994,319
2	GSV	19,479,605	703,810	2	72,958	192	(161,362)	(424)	2.896¢	$ 5.810	$ 2.000	2,636	(5,521)	0	(2,885)	700,925	2,455	703,380
3	PSU	223,685,381	1,049,423	0	0	0	(1,846,010)	(3,613)	0.000¢	$ 601.750	$ 2.380	0	(8,599)	0	(8,599)	1,040,824	42,404	1,083,228
4	OL	26,921,486	4,442,174	0	0	0	(386,704)	0	0.000¢	$ 110.542	N/A	0	0	0	0	4,442,174	214,495	4,656,669
5	AGR	0	4,471	0	0	0	0	21,622	0.000¢	$ 86.430	$ 0.344	0	7,438	0	7,438	11,909	79,736	91,645
6	PP40	5,161,993,482	9,372,164	(1)	(44,187,257)	(131,710)	(83,357,536)	(251,736)	0.000¢	$ 553.300	$ 0.531	(75,129)	(132,311)	(127,986)	(335,426)	9,036,738	21,846	9,058,584
7	PP44	66,786,026	31,829	0	0	0	(1,137,512)	(1,922)	0.029¢	$ 4.080	$ 0.110	0	(541)	0	(541)	31,288	31,267	62,555
8	PP46	1,473,065,773	2,929,969	0	0	0	(25,089,537)	(61,829)	0.089¢	$ 4.040	$ 0.440	0	(49,534)	0	(49,534)	2,880,435	0	2,880,435
9	GS20	239,628,584	12,236,674	156	385,738	0	(2,504,260)	0	3.048¢	$ 6.690	N/A	24,281	(76,330)	(76,782)	(128,831)	12,107,843	0	12,107,843
10	GP30	3,837,320,925	66,498,319	(174)	6,383,122	26,990	(39,801,486)	(2,148,821)	0.400¢	$ 17.420	$ 2.338	59,535	(5,067,696)	(244,404)	(5,252,565)	61,245,754	0	61,245,754
11	GP35	2,507,936,227	18,210,991	258	(5,605,079)	(17,375)	(32,707,383)	1,850,262	0.000¢	$ 137.930	$ 2.230	391,412	4,198,091	(33,216)	4,556,287	22,767,278	0	22,767,278
12	STLT	47,501,010	6,992,413	0	0	0	(7,686,708)	0	0.000¢	$ 1,048.024	N/A	0	0	(517,180)	(517,180)	6,475,233	16,389	6,491,622
13	TOTAL PA	20,233,123,104	357,716,628	595	(39,167,320)	(86,174)	(338,993,195)	(596,619)				536,977	(5,314,673)	(1,013,866)	(5,791,562)	351,925,066	1,218,246	353,143,312

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Future Test Year Twelve Months Ending December 2016

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers: End of Period (2)	Number of Customers: Monthly Average (3)	Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues ($) (6)	Incremental Rate (¢/KWH) (7)	Incremental Rate ($/Customer) (8)	Incremental Rate ($/Demand*) (9)	Added Customers (10)	Added Customer Useage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue (15)	Specific Revenue Adjustment (16)
1	RS	619,840	619,446	6,771,672,309	7,417	239,310,238	2.896¢	$ 5.810	$ 2.000	394	4,307,208	0	(195,127,482)	(214)	152,206	(5,651,320)
2	GSV	532	531	19,446,786	51,094	702,384	2.896¢	$ 5.810	$ 2.000	1	36,623	96	(348,555)	(916)	1,322	(11,926)
3	PSU	1	1	223,068,574	436,482	1,046,193	0.000¢	$ 601.750	$ 2.380	0	0	0	(3,990,660)	(7,809)	0	(18,585)
4	OL	5,155	5,155	27,055,311	0	4,431,270	0.000¢	$ 110.286	N/A	554	0	0	(604,815)	0	609,667	(7,467,884)
5	AGR	2	2	0	8,978	4,487	0.000¢	$ 86.430	$ 0.344	0	0	0	0	21,622	0	7,438
6	PP40	130	130	4,820,402,257	14,904,812	8,833,712	0.000¢	$ 553.300	$ 0.534	0	0	0	(94,845,052)	(292,580)	0	(155,975)
7	PP44	1	1	66,382,612	112,160	31,637	0.029¢	$ 4.080	$ 0.110	0	0	0	(1,317,824)	(2,227)	0	(627)
8	PP46	2	2	1,464,159,945	3,608,220	2,912,416	0.090¢	$ 4.040	$ 0.440	(47)	0	0	(29,066,418)	(71,630)	60,294	(755,655)
9	GS20	60,314	60,210	238,922,067	0	12,115,989	3.048¢	$ 6.690	N/A	130	211,328	0	(4,394,331)	0	23,762	(98,082)
10	GP30	35,850	36,054	3,827,238,558	18,481,098	66,069,818	0.400¢	$ 17.420	$ 2.339	(70)	3,564,325	13,790	(70,327,103)	(2,292,442)	93,010	(3,315,241)
11	GP35	737	478	2,497,315,298	7,764,306	18,097,604	0.000¢	$ 137.930	$ 2.229	146	(626,969)	(1,845)	(47,343,558)	1,804,667	397,167	(1,060,909)
12	STLT	556	556	47,789,449	0	6,948,013	0.000¢	$ 1,041.369	N/A	0	0	0	(7,686,708)	0	0	0
13	TOTAL PA	723,120	722,566	20,003,453,166	45,374,567	360,503,761				554	7,492,515	12,041	(455,052,506)	(841,529)	609,667	(7,467,884)

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Future Test Year Twelve Months Ending December 2016

Energy Usage and Adjustments

Line No.	Rate Group (1)	Number of Customers: End of Period (2)	Number of Customers: Monthly Average (3)	Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Demand* Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
1	RS	619,840	619,446	394	6,771,672,309	7,417	10,932	0	4,307,208	0	(195,127,482)	(214)	(190,820,274)	(214)	6,580,652,035	7,203
2	GSV	532	531	1	19,446,786	51,094	36,623	96	36,623	96	(348,555)	(916)	(311,932)	(820)	19,134,854	50,274
3	PSU	1	1	0	223,068,574	436,482	223,068,574	436,482	0	0	(3,990,660)	(7,809)	(3,990,660)	(7,809)	219,077,914	428,673
4	OL	5,155	5,155	0	27,055,311	0	37,733	0	0	0	(604,815)	0	(604,815)	0	26,450,496	0
5	AGR	2	2	0	0	8,978	0	4,489	0	0	0	21,622	0	21,622	0	30,600
6	PP40	130	130	0	4,820,402,257	14,904,812	59,824,667	196,856	0	0	(94,845,052)	(292,580)	(94,845,052)	(292,580)	4,725,557,205	14,612,232
7	PP44	1	1	0	66,382,612	112,160	66,382,612	112,160	0	0	(1,317,824)	(2,227)	(1,317,824)	(2,227)	65,064,788	109,933
8	PP46	2	2	0	1,464,159,945	3,608,220	732,079,973	1,804,110	0	0	(29,066,418)	(71,630)	(29,066,418)	(71,630)	1,435,093,527	3,536,590
9	GS20	60,314	60,210	104	238,922,067	0	12,050	0	211,328	0	(4,394,331)	0	(4,183,003)	0	234,739,064	0
10	GP30	35,850	36,054	(204)	3,827,238,558	18,481,098	270,027	1,391	3,564,325	13,790	(70,327,103)	(2,292,442)	(66,762,778)	(2,278,652)	3,760,475,780	16,202,446
11	GP35	737	478	259	2,497,315,298	7,764,306	10,425,409	32,417	(626,969)	(1,845)	(47,343,558)	1,804,667	(47,970,527)	1,802,822	2,449,344,771	9,567,128
12	STLT	556	556	0	47,789,449	0	85,952	0	0	0	(7,686,708)	0	(7,686,708)	0	40,102,741	0
13	TOTAL PA	723,120	722,566	554	20,003,453,166	45,374,567			7,492,515	12,041	(455,052,506)	(841,529)	(447,559,991)	(829,488)	19,555,893,175	44,545,079

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
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Future Test Year Twelve Months Ending December 2016

Revenues and Adjustments

Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues ($) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Customer Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate (¢/KWH) (9)	Incremental Rate ($/Customer) (10)	Incremental Rate ($/Demand*) (11)	Added Customer Use Revenue (4)*(10)*12+(5)*(9) /100+(6)*(11) (12)	Specific Revenue Adjustment (7)*(9)/100+(8)*(11) (13)	Other Revenue Adjustment (14)	Total Revenue Adjustment (12)+(13)+(14) (15)	Normelized Revenues (3)+(15) (16)	DSIC Cherges (17)	Subtotal Base Dist. Rev. plus Rider Change (18)
1	RS	6,771,672,309	239,310,238	394	4,307,208	0	(195,127,482)	(214)	2.896¢	$ 5.810	$ 2.000	152,206	(5,651,320)	(14,298)	(5,513,412)	233,796,826	807,240	234,604,066
2	GSV	19,446,786	702,384	1	36,623	96	(348,555)	(916)	2.896¢	$ 5.810	$ 2.000	1,322	(11,926)	0	(10,604)	691,780	2,447	694,227
3	PSU	223,068,574	1,046,193	0	0	0	(3,990,660)	(7,809)	0.000¢	$ 601.750	$ 2.380	0	(18,585)	0	(18,585)	1,027,608	3,634	1,031,242
4	OL	27,055,311	4,431,270	0	0	0	(604,815)	0	0.000¢	$ 110.286	N/A	0	0	0	0	4,431,270	21,781	4,453,051
5	AGR	0	4,487	0	0	0	0	21,622	0.000¢	$ 86.430	$ 0.344	0	7,438	0	7,438	11,925	0	11,925
6	PP40	4,820,402,257	8,833,712	0	0	0	(94,845,052)	(292,580)	0.000¢	$ 553.300	$ 0.534	0	(155,975)	(127,986)	(283,961)	8,549,751	31,173	8,580,924
7	PP44	66,382,612	31,637	0	0	0	(1,317,824)	(2,227)	0.029¢	$ 4.080	$ 0.110	0	(627)	0	(627)	31,010	0	31,010
8	PP46	1,464,159,945	2,912,416	0	0	0	(29,066,418)	(71,630)	0.090¢	$ 4.040	$ 0.440	0	(57,677)	0	(57,677)	2,854,739	0	2,854,739
9	GS20	238,922,067	12,115,989	104	211,328	0	(4,394,331)	0	3.048¢	$ 6.690	N/A	14,790	(133,939)	(76,782)	(195,931)	11,920,058	42,278	11,962,336
10	GP30	3,827,238,558	56,069,818	(204)	3,564,325	13,790	(70,327,103)	(2,292,442)	0.400¢	$ 17.420	$ 2.339	10,310	(5,532,835)	(244,404)	(5,766,929)	60,302,889	213,855	60,516,744
11	GP35	2,497,315,298	18,097,604	259	(626,969)	(1,845)	(47,343,558)	1,804,567	0.000¢	$ 137.930	$ 2.229	431,039	4,087,562	(33,216)	4,485,385	22,582,989	79,498	22,662,487
12	STLT	47,789,449	6,948,013	0	0	0	(7,686,708)	0	0.000¢	$ 1,041.369	N/A	0	0	(517,180)	(517,180)	6,430,833	16,340	6,447,173
13	TOTAL PA	20,003,453,166	360,503,761	554	7,492,515	12,041	(455,052,506)	(841,529)				609,667	(7,467,884)	(1,013,866)	(7,872,083)	352,631,678	1,218,246	353,849,924

*Includes billed kW, minimum kW, kVA, rkVA, transformer cherge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Historic Year Twelve Months Ending December 2015

Basic Input Factors

Line No.	Rate Group (1)	Number of Customers: End of Period (2)	Number of Customers: Monthly Average (3)	Billed Usage (KWH) (4)	Billed Demand* Units (5)	Billed Revenues ($) (6)	Incremental Rate (¢/KWH) (7)	Incremental Rate ($/Customer) (8)	Incremental Rate ($/Demand*) (9)	Added Customers (10)	Added Customer Useage (KWH) (11)	Added Customer Demands* (12)	Specific Energy Adjustment (13)	Specific Demand* Adjustment (14)	Added Customer Use Revenue (15)	Specific Revenue Adjustment (16)
1	RS	619,612	618,684	7,266,335,311	9,288	253,586,295	2.896¢	$ 5.810	$ 2.000	928	10,899,360	0	(419,113,738)	(536)	380,346	(12,138,606)
2	GSV	533	529	19,264,491	49,407	693,596	2.896¢	$ 5.810	$ 2.000	4	145,668	372	(1,181,441)	(3,030)	5,241	(40,275)
3	PSU	1	1	228,081,510	436,517	1,046,131	0.000¢	$ 601.750	$ 2.380	0	0	0	(13,882,674)	(26,570)	0	(63,237)
4	OL	5,067	5,137	27,236,060	0	4,418,375	0.000¢	$ 110.542	N/A	(70)	(176,067)	0	(1,540,777)	0	(31,758)	0
5	AGR	2	2	0	28,460	11,865	0.000¢	$ 86.430	$ 0.344	0	0	0	0	0	0	0
6	PP40	129	130	4,613,392,948	15,066,940	8,869,120	0.000¢	$ 553.300	$ 0.531	(1)	(55,494,296)	(176,266)	(166,091,282)	(544,904)	(90,856)	(294,221)
7	PP44	1	1	69,912,322	108,093	32,214	0.029¢	$ 4.080	$ 0.110	0	0	0	(2,329,658)	(3,602)	0	(1,072)
8	PP46	2	2	1,329,004,513	3,728,824	2,823,594	0.089¢	$ 4.040	$ 0.440	0	0	0	(44,285,841)	(124,254)	0	(94,086)
9	GS20	60,132	60,032	243,599,318	0	12,244,276	3.048¢	$ 6.690	N/A	100	361,280	0	(13,040,066)	0	19,040	(397,461)
10	GP30S	35,551	35,941	4,216,007,326	17,185,353	64,415,237	0.400¢	$ 17.420	$ 2.338	(390)	(17,648,030)	(78,221)	(676,886,143)	(2,851,786)	(328,401)	(9,289,377)
11	GP35	743	483	2,037,035,798	8,020,602	18,531,556	0.000¢	$ 137.930	$ 2.230	260	3,893,065	13,757	355,475,922	1,594,688	464,032	3,606,918
12	STLT	550	554	50,645,170	0	6,967,264	0.000¢	$ 1,048.024	N/A	(4)	(365,668)	0	(7,886,708)	0	(4,192)	0
13	TOTAL PA	722,323	721,496	20,100,514,767	44,633,484	373,639,521				827	(82,123,402)	(327,523)	(990,562,406)	(1,959,994)	413,452	(18,711,417)

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Historic Year Twelve Months Ending December 2015

Energy Usage and Adjustments

Line No.	Rate Group (1)	Number of Customers: End of Period (2)	Number of Customers: Monthly Average (3)	Added Customers (2)-(3) (4)	Billed Usage (KWH) (5)	Billed Demand* Units (6)	KWH per Customer (5)/(3) (7)	Demand* per Customer (6)/(3) (8)	Added Customer KWH Usage (4)*(7) (9)	Added Customer Demands* (4)*(8) (10)	Specific Energy Adjust (KWH) (11)	Specific Demand* Adjustment (10)*(6)/(5) (12)	Total Energy Adjustment (9)+(11) (13)	Total Demand* Adjustment (10)+(12) (14)	Normalized Energy (KWH) (5)+(13) (15)	Normalized Demands* (6)+(14) (16)
1	RS	619,612	618,684	928	7,266,335,311	9,288	11,745	0	10,899,360	0	(419,113,738)	(536)	(408,214,378)	(536)	6,858,120,933	8,752
2	GSV	533	529	4	19,264,491	49,407	36,417	93	145,668	372	(1,181,441)	(3,030)	(1,035,773)	(2,658)	18,228,718	46,749
3	PSU	1	1	0	228,081,510	436,517	228,081,510	436,517	0	0	(13,882,674)	(26,570)	(13,882,674)	(26,570)	214,198,836	409,947
4	OL	5,067	5,137	(70)	27,236,060	0	38,886	0	(176,067)	0	(1,540,777)	0	(1,716,844)	0	25,519,216	0
5	AGR	2	2	0	0	28,460	0	14,230	0	0	0	0	0	0	0	28,460
6	PP40	129	130	(1)	4,613,392,948	15,066,940	59,991,229	198,656	(55,494,296)	(176,266)	(166,091,282)	(544,904)	(221,585,578)	(721,170)	4,391,807,370	14,345,770
7	PP44	1	1	0	69,912,322	108,093	69,912,322	108,093	0	0	(2,329,658)	(3,602)	(2,329,658)	(3,602)	67,582,664	104,491
8	PP46	2	2	0	1,329,004,513	3,728,824	664,502,257	1,864,412	0	0	(44,285,841)	(124,254)	(44,285,841)	(124,254)	1,284,718,672	3,604,570
9	GS20	60,132	60,032	100	243,599,318	0	8,392	0	361,280	0	(13,040,066)	0	(12,678,786)	0	230,920,532	0
10	GP30S	35,551	35,941	(390)	4,216,007,326	17,185,353	296,940	1,382	(17,648,030)	(78,221)	(676,886,143)	(2,851,786)	(694,534,173)	(2,930,007)	3,521,473,153	14,255,346
11	GP35	743	483	260	2,037,035,798	8,020,602	8,417,926	33,063	3,893,065	13,757	355,475,922	1,594,688	359,368,987	1,608,445	2,396,404,785	9,629,047
12	STLT	550	554	(4)	50,645,170	0	91,417	0	(365,668)	0	(7,686,708)	0	(8,052,376)	0	42,592,794	0
13	TOTAL PA	722,323	721,496	827	20,100,514,767	44,633,484			(82,123,402)	(327,523)	(990,562,406)	(1,959,994)	(1,072,685,808)	(2,287,517)	19,027,828,959	42,345,967

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Sales and Distribution Revenue Normalization
Historic Year Twelve Months Ending December 2015

Revenues and Adjustments

Line No.	Rate Group (1)	Billed Usage (KWH) (2)	Billed Revenues ($) (3)	Added Customers (4)	Added Customer KWH Usage (5)	Added Customer Demands* (6)	Specific Energy Adjustment (7)	Specific Demand* Adjustment (8)	Incremental Rate (¢/KWH) (9)	Incremental Rate ($/Customer) (10)	Incremental Rate ($/Demand*) (11)	Added Customer Use Revenue (4)*(10)*12+(5)*(9)/100+(6)*(11) (12)	Specific Revenue Adjustment (7)*(9)/100+(8)*(11) (13)	Other Revenue Adjustment (14)	Total Revenue Adjustment (12)+(13)+(14) (15)	Normalized Revenues (3)+(15) (16)
1	RS	7,266,335,311	253,586,295	928	10,899,360	0	(419,113,738)	(536)	2.896¢	$ 5.810	$ 2.000	380,346	(12,138,606)	0	(11,758,260)	241,828,035
2	GSV	19,264,491	693,596	4	145,668	372	(1,181,441)	(3,030)	2.896¢	$ 5.810	$ 2.000	5,241	(40,275)	0	(35,034)	658,562
3	PSU	228,081,510	1,046,131	0	0	0	(13,882,674)	(26,570)	0.000¢	$ 601.750	$ 2.380	0	(63,237)	0	(63,237)	982,894
4	OL	27,236,060	4,418,375	(70)	(176,067)	0	(1,540,777)	0	0.000¢	$ 110.542	N/A	(31,758)	0	0	(31,758)	4,386,617
5	AGR	0	11,865	0	0	0	0	0	0.000¢	$ 86.430	$ 0.344	0	0	0	0	11,865
6	PP40	4,613,392,948	8,869,120	(1)	(55,494,296)	(176,266)	(166,091,282)	(544,904)	0.000¢	$ 553.300	$ 0.531	(90,856)	(294,221)	0	(385,077)	8,484,043
7	PP44	69,912,322	32,214	0	0	0	(2,329,658)	(3,602)	0.029¢	$ 4.080	$ 0.110	0	(1,072)	0	(1,072)	31,142
8	PP46	1,329,004,513	2,823,594	0	0	0	(44,285,841)	(124,254)	0.089¢	$ 4.040	$ 0.440	0	(94,086)	0	(94,086)	2,729,508
9	GS20	243,599,318	12,244,276	100	361,280	0	(13,040,066)	0	3.048¢	$ 6.690	N/A	19,040	(397,461)	0	(378,421)	11,865,855
10	GP30S	4,216,007,326	64,415,237	(390)	(17,648,030)	(78,221)	(676,886,143)	(2,851,786)	0.400¢	$ 17.420	$ 2.338	(328,401)	(9,289,377)	0	(9,617,778)	54,797,459
11	GP35	2,037,035,798	18,531,556	260	3,893,065	13,757	355,475,922	1,594,688	0.000¢	$ 137.930	$ 2.230	464,032	3,606,918	0	4,070,950	22,602,506
12	STLT	50,645,170	6,967,264	(4)	(365,668)	0	(7,686,708)	0	0.000¢	$ 1,048.024	N/A	(4,192)	0	(517,180)	(521,372)	6,445,892
13	TOTAL PA	20,100,514,767	373,639,521	827	(82,123,402)	(327,523)	(990,562,406)	(1,959,994)				413,452	(18,711,417)	(517,180)	(18,815,145)	354,824,376

*Includes billed kW, minimum kW, kVA, rkVA, transformer charge kW, and standby kW

West Penn Power Company
Summary of Distribution of Revenues
Tariff Pa. PUC No. 40 as Compared to Tariff Pa. PUC No. 40, Supplement XX

Line No.	Rate Group (1)	End of Period Customers (2)	Normalized Sales (MWH) (3)	Normalized Demand (KW) (4)	Present Rates: Normelized Base Revenues (5)	Present Rates: DSIC Charges (6)	Present Rates: Subtotal Base Dist. Rev. plus Rider Changes (7)	Present Rates: Other Rider Charges (8)	Present Rates: Total Present Rates (9)	Base Rev Percent Increase (10)	Base Revenue Increase (11)	Proposed Rates: Base Revenues After Increase (12)	Proposed Rates: DSIC Charges (13)	Proposed Rates: Subtotal Base Dist. Rev. plus Rider Changes (14)	Proposed Rates: Other Rider Charges (15)	Proposed Rates: Total Revenue After Increase (16)	Net Overall Increase (17)
1	RS10	620,626	6,488,273	7,101	$ 231,184,665	$ 809,654	$ 231,994,319	$ 520,757,419	$ 752,751,738	31.95%	$ 74,116,043	$ 306,110,362	$ -	$ 306,110,362	$ 525,474,344	$ 831,584,706	10.47%
2	GS10	536	19,391	50,984	$ 700,925	$ 2,455	$ 703,380	$ 1,556,022	$ 2,259,402	13.10%	$ 92,155	$ 795,535	$ -	$ 795,535	$ 1,570,119	$ 2,365,654	4.70%
3	GS20	60,645	237,510	-	$ 12,107,843	$ 42,404	$ 12,150,247	$ 18,542,019	$ 30,692,266	43.10%	$ 5,236,318	$ 17,386,565	$ -	$ 17,386,565	$ 18,553,402	$ 35,939,967	17.10%
4	GP30	36,031	3,803,903	16,409,325	$ 61,245,754	$ 214,495	$ 61,460,249	$ 297,355,782	$ 358,816,031	9.46%	$ 5,814,415	$ 67,274,664	$ -	$ 67,274,664	$ 297,538,094	$ 364,812,758	1.67%
5	GP35	736	2,469,624	9,629,816	$ 22,767,278	$ 79,736	$ 22,847,014	$ 142,211,758	$ 165,058,772	6.46%	$ 1,475,813	$ 24,322,827	$ -	$ 24,322,827	$ 142,219,894	$ 166,542,721	0.90%
6	OL	5,155	26,535	-	$ 4,442,174	$ 21,846	$ 4,464,020	$ 3,004,032	$ 7,468,052	21.94%	$ 979,564	$ 5,443,585	$ -	$ 5,443,585	$ 3,005,836	$ 8,449,420	13.14%
7	PP40	129	5,034,449	15,399,280	$ 9,036,738	$ 31,267	$ 9,068,005	$ 274,823,230	$ 283,891,235	33.32%	$ 3,021,772	$ 12,089,777	$ -	$ 12,089,777	$ 274,839,815	$ 286,929,592	1.07%
8	PP44	1	65,649	110,920	$ 31,288	$ -	$ 31,288	$ 3,609,252	$ 3,640,540	107.64%	$ 33,679	$ 64,967	$ -	$ 64,967	$ 3,609,468	$ 3,674,435	0.93%
9	PP46	2	1,447,976	3,568,274	$ 2,880,435	$ -	$ 2,880,435	$ 81,462,377	$ 84,342,812	36.16%	$ 1,041,671	$ 3,922,106	$ -	$ 3,922,106	$ 81,467,147	$ 85,389,253	1.24%
10	PSU	1	221,839	434,224	$ 1,040,824	$ -	$ 1,040,824	$ 12,474,996	$ 13,515,820	9.54%	$ 99,280	$ 1,140,104	$ -	$ 1,140,104	$ 12,475,727	$ 13,615,831	0.74%
11	Rider L	2	-	30,600	$ 11,909	$ -	$ 11,909	$ -	$ 11,909	38.69%	$ 4,607	$ 16,516	$ -	$ 16,516	$ -	$ 16,516	38.69%
12	STLT	556	39,814	-	$ 6,475,233	$ 16,389	$ 6,491,622	$ 2,254,379	$ 8,746,001	18.31%	$ 1,188,522	$ 7,680,143	$ -	$ 7,680,143	$ 2,255,742	$ 9,935,886	13.60%
13	TOTAL PA	724,420	19,854,963	45,640,524	351,925,066	1,218,246	353,143,312	1,358,051,266	1,711,194,578	26.36%	93,103,839	446,247,151	-	446,247,151	1,363,009,590	1,809,256,741	5.73%
13	LATE PAYMENT CHARGE INCREASE								$ -		$ 166,472	$ 166,472		$ 166,472	$ -	$ 166,472	
14	TOTAL								1,711,194,578		93,270,311	446,413,623	-	446,413,623	1,363,009,590	1,809,423,213	5.74%
15								Increase in uncollectibles in DSS & HPS riders			$ 4,958,324						
16									Total Increase		$ 98,228,635						

West Penn Power Company
Customer Charge Analysis

	Rates	Total	Demand	Customer
Current Revenue				
Tariff Revenue - Current Rates		$ 231,994	$ 133,828	$ 98,166
Other Revenue		$ 12,522	$ 3,066	$ 9,456
Total Revenue		$ 244,516	$ 136,894	$ 107,623
Deductions				
O&M Expenses		$ 91,449	$ 38,675	$ 52,774
Depreciation Expense		$ 47,713	$ 31,527	$ 16,186
Average Net Salvage		$ (2,234)	$ (1,932)	$ (302)
Amortization & Accretion		$ 12,333	$ 1,730	$ 10,603
General Taxes Gross Reciepts		$ 15,526	$ 9,393	$ 6,133
General Taxes Other		$ 2,277	$ 1,395	$ 882
Total Deductions		$ 167,065	$ 80,788	$ 86,277
Income Before Income Taxes				
Operating Income Before Income Taxes		$ 108,616	$ 81,479	$ 27,137
Interest Charges		$ 18,001	$ 14,656	$ 3,345
Net Income before Income Taxes		$ 90,614	$ 66,823	$ 23,791
Income Adjustments				
Book Average net salvage		$ (2,234)	$ (1,932)	$ (302)
Adj. of Book Depreciation to Tax Basis		$ (15,380)	$ (13,304)	$ (2,076)
Tax Cost of Removal / Salvage		$ (5,226)	$ (4,520)	$ (705)
Adjust Cash Pension		$ 4,620	$ 1,879	$ 2,741
Net Adjustment		$ (18,219)	$ (17,877)	$ (342)
Income Taxes				
Income Subject to State Income Tax		$ 72,395	$ 48,946	$ 23,449
State Income Tax	9.99%	$ 7,232	$ 4,890	$ 2,343
Federal Taxable Income		$ 65,163	$ 44,056	$ 21,107
Federal Income Tax	35.00%	$ 22,807	$ 15,420	$ 7,387
Proposed Revenue				
Operating Expense		$ 197,104	$ 101,097	$ 96,007
Net Operating Income		$ 41,635	$ 33,898	$ 7,737
Rate Base		$ 744,000	$ 605,744	$ 138,257
Rate of Return		4.14%	5.60%	9.37%
Debt Ratio		49.70%	49.70%	49.70%
Cost of Debt		4.87%	4.87%	4.87%
Weighted Average Cost of Capital		7.90%	7.90%	7.90%
Tariff Revenue - Proposed Rates		$ 263,159	$ 159,201	$ 103,957
Number of Customers				619,612
Customer Charge				$ 13.98

West Penn Power Company
Domestic Service - Schedule 10
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Tariff No. 40 Billing Units (2)	Tariff No. 40 Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Tariff No. 40, Supplement XX Billing Units (5)	Tariff No. 40, Supplement XX Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
1	**CUSTOMER CHARGE** Customer Charge	$5.81	7,447,512	$43,270,050	$13.98	7,447,512	$104,116,218
2	**DEMAND CHARGES** kW	$2.00	7,101	$14,202	$2.00	7,101	$14,202
3	**ENERGY CHARGES** kWh	$0.02896	6,488,273,106	$187,900,413	$0.03113	6,488,273,106	$201,979,942
4	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$231,184,665**			**$306,110,362**
5	Smart Meter Technologies Charge (Per Bill)	$0	7,447,512	$0	$0	7,447,512	$0
6	Distribution System Improvement Charge	0.284%	6,488,273,106	$809,654	0.000%	6,488,273,106	$0
7	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$231,994,319**			**$306,110,362**
	RIDER CHARGES						
8	Default Service Support Charge	$0.00272	6,488,273,106	$21,418,215	$0.00339	6,488,273,106	$26,135,140
9	Universal Service	$0.00387	6,488,273,106	$31,560,178	$0.00387	6,488,273,106	$31,560,178
10	Phase II Energy Efficiency and Conservation Charge	$0.00168	6,488,273,106	$12,886,199	$0.00168	6,488,273,106	$12,886,199
11	PTC*	$0.07011	6,488,273,106	$454,892,827	$0.07011	6,488,273,106	$454,892,827
12	STAS	0%		$0	0%		$0
13	Total Energy and Revenue		6,488,273,106	**$752,751,738**		6,488,273,106	**$831,584,706**
14	Avg Rate per kWh			$0.11602			$0.12817
15	Proposed Increase						$78,832,968
16	Percent Increase					871.20	10.47%

* Total wires kWh used for illustrative purposes

West Penn Power Company
General Service - Schedule 20 Special Provision
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Uints (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGE						
1	Customer Charge	$5.81	6,432	$37,371	$13.98	6,432	$89,919
	DEMAND CHARGES						
2	kW	$2.00	50,984	$101,971	$2.00	50,984	$101,968
	ENERGY CHARGES						
3	kWh	$0.02896	19,391,201	$561,583	$0.03113	19,391,201	$603,648
4	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$700,925**			**$795,535**
5	Smart Meter Technologies Charge (Per Bill)	$0	6,432	$0	$0	6,432	$0
6	Distribution System Improvement Charge	0.284%	19,391,201	$2,455	0.000%	19,391,201	$0
7	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$703,380**			**$795,535**
	RIDER CHARGES						
8	Default Service Support Charge	$0.00272	19,391,201	$63,016	$0.00339	19,391,201	$77,113
9	Universal Service	$0.00387	19,391,201	$92,786	$0.00387	19,391,201	$92,786
10	Phase II Energy Efficiency and Conservation Charge	$0.00921	19,391,201	$40,703	$0.00921	19,391,201	$40,703
11	PTC*	$0.07011	19,391,201	$1,359,517	$0.07011	19,391,201	$1,359,517
12	STAS	0%		$0	0%		$0
13	Total Energy and Revenue		19,391,201	**$2,259,402**		19,391,201	**$2,365,654**
14	Avg Rate per kWh			$0.11652			$0.12200
15	Proposed Increase						$106,252
16	Percent Increase						4.70%

* Total wires kWh used for illustrative purposes

West Penn Power Company
General Service - Schedule 20
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$6.69	727,740	$4,868,563	$9.58	727,740	$6,971,749
	DEMAND CHARGES						
	ENERGY CHARGES						
2	All kWh	$0.03048	237,510,062	$7,239,280	$0.04385	237,510,062	$10,414,816
3	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$12,107,843**			**$17,386,565**
4	Smart Meter Technologies Charge	$0	727,740	$0	$0	776,367	$0
5	Distribution System Improvement Charge	0.284%	237,510,062	$42,404	0.000%	237,510,062	$0
5	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$12,150,247**			**$17,386,565**
	RIDER CHARGES						
6	Default Service Support Charge	$0.00112	237,510,062	$344,612	$0.00118	237,510,062	$355,995
7	Phase II Energy Efficiency and Conservation Charge	$0.00136	237,510,062	$272,523	$0.00136	237,510,062	$272,523
8	PTC*	$0.07547	237,510,062	$17,924,884	$0.07547	237,510,062	$17,924,884
9	STAS	0%		$0	0%		$0
10	**Total Energy and Revenue**		237,510,062	**$30,692,266**		237,510,062	**$35,939,967**
11	Avg rate per kWh			$0.12923			$0.15132
12	Proposed Increase						$5,247,701
13	Percent Increase						17.10%

* Total wires kWh used for illustrative purposes

West Penn Power Company
General Power Service - Schedule 30
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$17.42	432,372	$7,531,920	$19.05	432,372	$8,236,687
	DEMAND CHARGES						
2	All kW	$2.65	14,389,576	$38,132,377	$3.02	14,389,576	$43,456,520
3	rkVA	$0.18	2,019,749	$363,555	$0.18	2,019,749	$363,555
4	Distribution Monthly Surcharge			$2,292			$2,292
	ENERGY CHARGES						
5	All kWh	$0.00400	3,803,902,561	$15,215,610	$0.00400	3,803,902,561	$15,215,610
6	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$61,245,754**			**$67,274,664**
7	Smart Meter Technologies Charge (Per Bill)	$0	432,372	$0	$0	432,372	$0
8	Distribution System Improvement Charge	0.284%	3,803,902,561	$214,495	0.000%	3,803,902,561	$0
9	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES RIDER CHARGES**			**$61,460,249**			**$67,274,664**
10	Default Service Support Charge	$0.00143	3,803,902,561	$5,583,489	$0.00150	3,803,902,561	$5,765,801
11	Phase II Energy Efficiency and Conservation Charge	$0.00136	3,803,902,561	$4,691,767	$0.00136	3,803,902,561	$4,691,767
12	PTC*	$0.07547	3,803,902,561	$287,080,526	$0.07547	3,803,902,561	$287,080,526
13	STAS	0%		$0	0%		$0
14	Total Energy and Revenue		3,803,902,561	**$358,816,031**		3,803,902,561	**$364,812,758**
15	Avg rate per kWh			$ 0.09433			$ 0.09590
16	Proposed Increase						$5,996,727
17	Percent Increase						1.67%

* Total wires kWh used for illustrative purposes.

West Penn Power Company
General Power Service - Schedule 35
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$137.93	8,832	$1,218,198	$146.87	8,832	$1,297,156
	DEMAND CHARGES						
2	All kW	$3.84	6,190,528	$23,771,629	$4.09	6,190,528	$25,319,260
3	rkVA	$0.18	3,439,288	$619,072	$0.18	3,439,288	$619,072
4	Voltage Discount kW	($1.20)	2,368,017	-$2,841,621	($1.23)	2,368,017	($2,912,661)
	ENERGY CHARGES						
5	All kWh	$0.00000	2,469,623,765	$0	$0.00000	2,469,623,765	$0
6	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$22,767,278**			**$24,322,827**
7	Smart Meter Technologies Charge (Per Bill)	$0	8,832	$0	$0	8,832	$0
8	Distribution System Improvement Charge	0.284%	2,469,623,765	$79,736	0.000%	2,469,623,765	$0
9	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$22,847,014**			**$24,322,827**
	RIDER CHARGES						
10	Default Service Support Charge (Per kW NSPL)	$0.595	4,421,809	$1,557,452	$0.595	4,421,809	$1,557,452
11	Phase II Energy Efficiency and Conservation Charge (Per kW PLC)	$0.22	4,615,533	$601,942	$0.22	4,615,533	$601,942
12	Hourly Priced Generation*	$0.05671	2,469,623,765	$140,052,364	$0.05671	2,469,623,765	$140,060,500
13	STAS	0%		$0	0%		$0
14	Total Energy and Revenue		2,469,623,765	**$165,058,772**		2,469,623,765	**$166,542,721**
15	Avg rate per kWh			$0.06684			$0.06744
16	Proposed Increase						$1,483,949
17	Percent Increase						0.90%

* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 rate average.

West Penn Power Company
Primary Power Service - Schedule 40
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$553.30	1,548	$856,508	$744.58	1,476	$1,099,000
	DEMAND CHARGES						
2	All kW	$0.54	10,634,152	$5,742,443	$0.74	10,634,152	$7,869,272
3	Transformer Charge kW	$0.96	2,477,448	$2,378,350	$1.29	2,477,448	$3,193,173
4	rkVA	$0.18	2,287,680	$411,782	$0.18	2,287,680	$411,782
5	Voltage Discount kW	($0.43)	819,407	-$352,345	($0.59)	819,407	($483,450)
	ENERGY CHARGES	$0.00000	5,034,448,689	$0	$0.00000	5,034,448,689	$0
6	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$9,036,738**			**$12,089,777**
7	Smart Meter Technologies Charge (Per Bill)	$0	1,548	$0	$0	1,548	$0
8	Distribution System Improvement Charge	0.284%	5,034,448,689	$31,267	0.000%	5,034,448,689	$0
9	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$9,068,005**			**$12,089,777**
	RIDER CHARGES						
10	Default Service Support Charge (Per kW NSPL)	$0.595	6,771,456	$623,297	$0.595	6,771,456	$623,297
11	Phase II Energy Efficiency and Conservation Charge (Per kW PLC)	$0.22	6,930,070	$275,580	$0.22	6,930,070	$275,580
12	Hourly Priced Generation*	$0.05441	5,034,448,689	$273,924,353	$0.05441	5,034,448,689	$273,940,938
13	STAS	0%		$0	0%		$0
14	Total Energy and Revenue		5,034,448,689	**$283,891,235**		5,034,448,689	**$286,929,592**
15	Avg rate per kWh			$0.05639			$0.05699
16	Proposed Increase						$3,038,357
17	Percent Increase						1.07%

* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 rate average.

West Penn Power Company
Primary Power Service - Schedule 44
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$4.08	12	$49	$5.51	12	$66
	DEMAND CHARGES						
2	Point of Supply at Generating Stations kVA	$0.11	110,920	$12,201	$0.23	110,920	$25,512
3	Point of Supply at Transmission Lines First 5,000 kVA	$0.09	0	$0	$0.23	0	$0
4	Point of Supply at Transmission Lines Additional kVA	$0.08	0	$0	$0.23	0	$0
5	Penalty Charge per Excess kVA	$7.00	0	$0	$7.00	0	$0
	ENERGY CHARGES						
6	Point of Supply at Transmission Lines kWh	$0.00029	0	$0	$0.00060	0	$0
7	Point of Supply Generating Stations kWh	$0.00029	65,648,514	$19,038	$0.00060	65,648,514	$39,389
8	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$31,288**			**$64,967**
9	Smart Meter Technologies Charge (Per Bill)	$0.00	12	$0	$0.00	12	$0
10	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$31,288**			**$64,967**
	RIDER CHARGES						
11	Default Service Support Charge (Per kW NSPL)	$0.595	53,508	$11,857	$0.595	53,508	$11,857
12	Phase II Energy Efficiency (Per kW PLC)	$0.22	31,236	$25,459	$0.22	31,236	$25,459
13	Hourly Priced Generation*	$0.05441	65,648,514	$3,571,936	$0.05441	65,648,514	$3,572,152
14	STAS	0%		$0	0%		$0
15	Total Energy and Revenue		65,648,514	**$3,640,540**		65,648,514	**$3,674,435**
16	Avg rate per kWh			$0.05546			$0.05597
17	Proposed Increase						$33,895
18	Percent Increase						0.93%

* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 average.

West Penn Power Company
Primary Power Service - Schedule 46
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$4.04	24	$97	$5.45	24	$131
	DEMAND CHARGES						
2	Firsr Block (0-30,000) kVA	$0.450	720,000	$324,000	$0.600	720,000	$432,000
3	Second Block (Next 30,000) kVA	$0.430	720,000	$309,600	$0.600	720,000	$432,000
4	Third Block (Over 60,000) kVA	$0.440	2,128,274	$936,440	$0.600	2,128,274	$1,276,964
5	Voltage Discount kW	($0.14)	0	$0	($0.14)	0	$0
	ENERGY CHARGES						
6	First Block (0 to 30,000,000 kWh)	$0.00092	720,000,000	$662,400	$0.00123	720,000,000	$885,600
7	Second Block (Over 30,000,000 to 530 kWh/kVA)	$0.00089	727,976,236	$647,898	$0.00123	727,976,236	$895,411
8	Third Block (Over 530 kWh/kVA)	$0.00084	0	$0	$0.00123	0	$0
9	All kWh		1,447,976,236	$1,310,298		1,447,976,236	$1,781,011
10	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$2,880,435**			**$3,922,106**
11	Smart Meter Technologies Charge (Per Bill)	$0	24	$0	$0	24	$0
12	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$2,880,435**			**$3,922,106**
	RIDER CHARGES						
13	Default Service Support Charge (Per kW NSPL)	$0.595	1,585,040	$2,023,269	$0.595	1,585,040	$2,023,269
14	Phase II Energy Efficiency and Conservation Charge (Per kW PLC)	$0.22	1,716,300	$654,721	$0.22	1,716,300	$654,721
15	Hourly Priced Generation*	$0.05441	1,447,976,236	$78,784,387	$0.05441	1,447,976,236	$78,789,157
16	STAS	0%		$0	0%		$0
17	Total Energy and Revenue		1,447,976,236	**$84,342,812**		1,447,976,236	**$85,389,253**
18	Avg rate per kWh			$0.05825			$0.05897
19	Proposed Increase						$1,046,441
20	Percent Increase						1.24%

* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 average.

West Penn Power Company
Street Lighting Service - Schedule 51
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	MERCURY VAPOR						
1	175 WATTS	$8.31	205,887	$1,710,922	$9.52	205,887	$1,960,044
2	175 WATTS- Short Term	$9.14	0	$0	$10.47	0	$0
3	250 WATTS	$11.48	19,101	$219,279	$13.76	19,101	$262,830
4	250 WATTS- Short Term	$12.63	0	$0	$15.14	0	$0
5	400 WATTS	$14.11	10,236	$144,430	$16.91	10,236	$173,091
6	400 WATTS- Short Term	$15.52	167	$2,592	$18.60	167	$3,106
7	1,000 WATTS	$21.87	884	$19,333	$26.20	884	$23,161
8	1,000 WATTS- Short Term	$24.06	32	$770	$28.82	32	$922
9	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$2,097,326**			**$2,423,154**
10	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
11	Distribution System Improvement Charge	0.284%	19,007,524	$10,953	0.000%	19,007,524	$0
12	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$2,108,279**			**$2,423,154**
	RIDER CHARGES						
13	Default Service Support Charge	$0.00143	19,007,524	$39,727	$0.00150	19,007,524	$40,638
14	Phase II Energy Efficiency and Conservation Charge	$0.00145	19,007,524	$32,486	$0.00145	19,007,524	$32,486
15	PTC*	$0.07547	19,007,524	$1,434,498	$0.07547	19,007,524	$1,434,498
16	STAS	0%		$0	0%		$0
17	Total Energy and Revenue		19,007,524	**$3,614,990**		19,007,524	**$3,930,776**
18	Avg rate per kWh			$0.19019			$0.20680
19	Proposed Increase						$315,786
20	Percent Increase						8.74%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Outdoor Lighting Service - Schedule 52
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	HIGH PRESSURE SODIUM VAPOR						
1	100 WATTS	$10.72	81,311	$871,654	$12.28	81,311	$998,499
	MERCURY VAPOR						
2	100 WATTS	$7.99	8,666	$69,241	$9.15	8,666	$79,294
3	175 WATTS	$8.99	119,552	$1,074,772	$10.30	119,552	$1,231,386
4	400 WATTS	$14.62	142	$2,076	$16.75	142	$2,379
5	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$2,017,743**			**$2,311,558**
6	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
7	Distribution System Improvement Charge	0.284%	13,243,381	$7,632	0.000%	13,243,381	$0
8	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES RIDER CHARGES**			**$2,025,375**			**$2,311,558**
9	Default Service Support Charge	$0.00143	13,243,381	$27,679	$0.00150	13,243,381	$28,314
10	Phase II Energy Efficiency and Conservation Charge	$0.00145	13,243,381	$22,635	$0.00145	13,243,381	$22,635
11	PTC*	$0.07547	13,243,381	$999,478	$0.07547	13,243,381	$999,478
12	**STAS**	0%		$0	0%		$0
13	Total Energy and Revenue		13,243,381	**$3,075,167**		13,243,381	**$3,361,985**
14	Avg rate per kWh			$0.23220			$0.25386
15	Proposed Increase						$286,818
16	Percent Increase						9.33%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Street and Area Lighting - Schedule 53
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	OVERHEAD SERVICE						
1	100 WATTS	$10.71	30,863	$330,543	$12.27	30,863	$378,689
2	100 WATTS- Long Term	$10.21	564	$5,758	$11.77	564	$6,638
3	200 WATTS	$14.25	4,522	$64,439	$16.32	4,522	$73,799
4	200 WATTS- Long Term	$13.75	1,112	$15,290	$15.82	1,112	$17,592
5	400 WATTS	$20.61	960	$19,786	$23.61	960	$22,666
6	400 WATTS- Long Term	$20.11	220	$4,424	$23.11	220	$5,084
7	400 WATTS- FL	$20.62	3,284	$67,716	$23.62	3,284	$77,568
8	400 WATTS- FL- Long Term	$20.12	960	$19,315	$23.12	960	$22,195
	UNDERGROUND SERVICE						
	LOW MOUNT						
9	100 WATTS	$18.62	744	$13,853	$21.33	744	$15,870
10	100 WATTS- Long Term	$18.12	252	$4,566	$20.83	252	$5,249
	HIGH MOUNT - SINGLE LUMINAIRE PER POLE						
11	100 WATTS	$38.98	0	$0	$46.70	0	$0
12	100 WATTS- Long Term	$38.48	60	$2,309	$46.20	60	$2,772
13	200 WATTS	$36.23	24	$870	$41.52	24	$996
14	200 WATTS- Long Term	$35.73	264	$9,433	$41.02	264	$10,829
15	400 WATTS	$39.35	84	$3,305	$45.07	84	$3,786
16	400 WATTS- Long Term	$38.85	132	$5,128	$44.57	132	$5,883
	HIGH MOUNT - EACH ADDITIONAL LUMINAIRE PER POLE						
17	100 WATTS	$18.68	0	$0	$22.38	0	$0
18	100 WATTS- Long Term	$18.18	12	$218	$21.88	12	$263
19	200 WATTS	$18.66	12	$224	$21.38	12	$257
20	200 WATTS- Long Term	$18.16	12	$218	$20.88	12	$251
21	400 WATTS	$21.75	60	$1,305	$24.91	60	$1,495
22	400 WATTS- Long Term	$21.25	0	$0	$25.46	0	$0
23	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$568,700**			**$651,882**
24	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
25	Distribution System Improvement Charge	0.284%	3,082,491	$1,776	0.000%	3,082,491	$0
26	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$570,476**			**$651,882**
	RIDER CHARGES						
27	Default Service Support Charge	$0.00143	3,082,491	$6,443	$0.00150	3,082,491	$6,591
28	Phase II Energy Efficiency and Conservation Charge	$0.00145	3,082,491	$5,268	$0.00145	3,082,491	$5,268
29	PTC*	$0.07547	3,082,491	$232,636	$0.07547	3,082,491	$232,636
30	STAS	0%		$0	0%		$0
31	Total Energy and Revenue		3,082,491	**$814,823**		3,082,491	**$896,377**
32	Avg rate per kWh			$0.26434			$0.29080
33	Proposed Increase						$81,553
34	Percent Increase						10.01%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Street Lighting Service - Schedule 54
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	HIGH PRESSURE SODIUM VAPOR						
1	100 WATTS	$10.12	36,204	$366,384	$11.59	36,204	$419,604
2	200 WATTS	$13.69	8,612	$117,898	$15.68	8,612	$135,036
3	400 WATTS	$20.03	965	$19,329	$22.94	965	$22,137
4	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$503,611**			**$576,777**
5	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
6	Distribution System Improvement Charge	0.284%	2,714,716	$1,564	0.000%	2,714,716	$0
7	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$505,175**			**$576,777**
	RIDER CHARGES						
8	Default Service Support Charge	$0.00143	2,714,716	$5,674	$0.00150	2,714,716	$5,804
9	Phase II Energy Efficiency and Conservation Charge	$0.00145	2,714,716	$4,640	$0.00145	2,714,716	$4,640
10	PTC*	$0.07547	2,714,716	$204,880	$0.07547	2,714,716	$204,880
11	STAS	0%		$0	0%		$0
12	Total Energy and Revenue		2,714,716	**$720,369**		2,714,716	**$792,101**
13	Avg rate per kWh			$0.26536			$0.29178
14	Proposed Increase						$71,732
15	Percent Increase						9.96%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Area Lighting Service Underground Distribution - Schedule 55
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	SODIUM VAPOR						
	LOW MOUNT						
1	100 WATTS	$18.05	4,251	$76,731	$20.68	4,251	$87,911
	HIGH MOUNT - SINGLE LUMINAIRE PER POLE						
2	100 WATTS	$33.24	108	$3,590	$38.08	108	$4,113
3	200 WATTS	$35.64	36	$1,283	$40.82	36	$1,470
4	400 WATTS	$44.67	0	$0	$53.52	0	$0
	HIGH MOUNT - EACH ADDITIONAL LUMINAIRE PER POLE						
5	100 WATTS	$18.00	0	$0	21.57	0	$0
6	200 WATTS	$18.01	36	$648	$20.62	36	$742
7	400 WATTS	$24.39	0	$0	29.23	0	$0
	MERCURY VAPOR						
8	175 WATTS	$15.48	1,411	$21,842	$18.55	1,411	$26,174
9	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$104,094**			**$120,410**
10	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
11	Distribution System Improvement Charge	0.284%	328,860	$190	0.000%	328,860	$0
12	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$104,284**			**$120,410**
	RIDER CHARGES						
13	Default Service Support Charge	$0.00143	328,860	$687	$0.00150	328,860	$703
14	Phase II Energy Efficiency and Conservation Charge	$0.00145	328,860	$562	$0.00145	328,860	$562
15	PTC*	$0.07547	328,860	$24,819	$0.07547	328,860	$24,819
16	STAS	0%		$0	0%		$0
17	Total Energy and Revenue		328,860	**$130,352**		328,860	**$146,494**
18	Avg rate per kWh			$0.39637			$0.44546
19	Proposed Increase						$16,142
20	Percent Increase						12.38%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Street Lighting Service Customer Owned Equipment - Schedule 56
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	HIGH PRESSURE SODIUM VAPOR						
1	100 WATTS - CUSTOMER POLE	$4.12	350	$1,442	$4.72	350	$1,652
2	100 WATTS - COMPANY POLE	$5.46	36	$197	$6.27	36	$226
3	200 WATTS - CUSTOMER POLE	$6.82	1,664	$11,348	$7.81	1,664	$12,996
4	200 WATTS - COMPANY POLE	$9.44	0	$0	$11.31	0	$0
5	400 WATTS - CUSTOMER POLE	$11.12	229	$2,546	$12.74	229	$2,917
6	400 WATTS - COMPANY POLE	$14.38	0	$0	$17.23	0	$0
	MERCURY VAPOR						
7	175 WATTS - CUSTOMER POLE	$5.28	0	$0	$6.32	0	$0
8	175 WATTS - COMPANY POLE	$6.83	0	$0	$8.19	0	$0
9	250 WATTS - CUSTOMER POLE	$7.10	0	$0	$8.51	0	$0
10	250 WATTS - COMPANY POLE	$8.68	0	$0	$10.40	0	$0
11	400 WATTS - CUSTOMER POLE	$9.13	0	$0	$10.94	0	$0
12	400 WATTS - COMPANY POLE	$10.71	0	$0	$12.84	0	$0
13	1,000 WATTS - CUSTOMER POLE	$13.91	0	$0	$16.66	0	$0
14	1,000 WATTS - COMPANY POLE	$15.49	0	$0	$18.56	0	$0
15	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$15,533**			**$17,791**
16	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
17	Distribution System Improvement Charge	0.284%	198,584	$114	0.000%	198,584	$0
18	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$15,647**			**$17,791**
	RIDER CHARGES						
19	Default Service Support Charge	$0.00143	198,584	$415	$0.00150	198,584	$425
20	Phase II Energy Efficiency and Conservation Charge	$0.00145	198,584	$339	$0.00145	198,584	$339
21	PTC*	$0.07547	198,584	$14,987	$0.07547	198,584	$14,987
22	STAS	0%		$0	0%		$0
23	Total Energy and Revenue		198,584	$31,388		198,584	$33,542
24	Avg rate per kWh			$0.15806			$0.16890
25	Proposed Increase						$2,153
26	Percent Increase						6.86%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40			Tariff No. 40, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	OVERHEAD SERVICE						
	HIGH PRESSURE SODIUM VAPOR - VERTICAL OPEN LENS						
1	100 WATTS - NEW POLE	$19.53	2,941	$57,438	$22.37	2,941	$65,790
2	100 WATTS - NEW POLE- Long Term	$19.03	385	$7,327	$21.87	385	$8,420
3	100 WATTS - EXISITING POLE	$10.87	79,868	$868,165	$12.45	79,868	$994,357
4	100 WATTS - EXISITING POLE- Long Term	$10.37	1,730	$17,940	$11.95	1,730	$20,674
	MERCURY VAPOR - COBRA HEAD						
5	175 WATTS - CUSTOMER POLE	$8.81	2,632	$23,188	$10.09	2,632	$26,557
6	175 WATTS - CUSTOMER POLE- Long Term	$8.31	897	$7,454	$9.59	897	$8,602
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD						
7	100 WATTS	$10.71	20,567	$220,273	$12.27	20,567	$252,357
8	100 WATTS- Long Term	$10.21	161,475	$1,648,660	$11.77	161,475	$1,900,561
9	200 WATTS	$14.26	9,761	$139,192	$16.33	9,761	$159,397
10	200 WATTS- Long Term	$13.76	30,249	$416,226	$15.83	30,249	$478,842
11	400 WATTS	$20.62	2,138	$44,086	$23.62	2,138	$50,500
12	400 WATTS- Long Term	$20.12	3,081	$61,990	$23.12	3,081	$71,233
	METAL HALIDE - COBRA HEAD						
13	100 WATTS	$15.22	456	$6,940	$17.43	456	$7,948
14	100 WATTS- Long Term	$14.72	0	$0	$16.93	0	$0
15	175 WATTS	$15.22	493	$7,503	$17.43	493	$8,593
16	175 WATTS- Long Term	$14.72	397	$5,844	$16.93	397	$6,721
17	400 WATTS	$22.23	1,224	$27,210	$25.46	1,224	$31,163
18	400 WATTS- Long Term	$21.73	951	$20,665	$24.96	951	$23,737
19	1,000 WATTS	$32.11	204	$6,550	$36.78	204	$7,503
20	1,000 WATTS- Long Term	$31.61	108	$3,414	$36.28	108	$3,918
	HIGH PRESSURE SODIUM VAPOR - FLOODLIGHT						
21	200 WATTS	$16.15	5,245	$84,707	$18.50	5,245	$97,033
22	200 WATTS- Long Term	$15.65	385	$6,025	$18.00	385	$6,930
23	400 WATTS	$22.38	6,229	$139,405	$25.64	6,229	$159,712
24	400 WATTS- Long Term	$21.88	613	$13,412	$25.14	613	$15,411
	METAL HALIDE - FLOODLIGHT						
25	400 WATTS	$22.59	3,408	$76,987	$25.88	3,408	$88,199
26	400 WATTS- Long Term	$22.09	108	$2,386	$25.38	108	$2,741
27	1,000 WATTS	$32.11	2,544	$81,688	$36.78	2,544	$93,568
28	1,000 WATTS- Long Term	$31.61	168	$5,310	$36.28	168	$6,095
	UNDERGROUND SERVICE						
	HIGH PRESSURE SODIUM VAPOR - COLONIAL POST TOP						
29	100 WATTS	$18.63	14,458	$269,353	$21.34	14,458	$308,534
30	100 WATTS- Long Term	$18.13	11,539	$209,202	$20.84	11,539	$240,473

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	METAL HALIDE - COLONIAL POST TOP						
31	100 WATTS	$22.85	1,788	$40,856	$26.17	1,788	$46,792
32	100 WATTS- Long Term	$22.35	1,607	$35,916	$25.67	1,607	$41,252
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD						
33	100 WATTS	$34.76	205	$7,126	$39.82	205	$8,163
34	100 WATTS- Long Term	$34.26	120	$4,111	$39.32	120	$4,718
35	200 WATTS	$36.39	84	$3,057	$41.69	84	$3,502
36	200 WATTS- Long Term	$35.89	60	$2,153	$41.19	60	$2,471
37	400 WATTS	$38.85	12	$466	$44.48	12	$534
38	400 WATTS- Long Term	$38.35	12	$460	$43.98	12	$528
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD ADDITIONAL FIXTURE						
39	100 WATTS	$12.34	0	$0	$14.78	0	$0
40	100 WATTS- Long Term	$11.84	0	$0	$14.28	0	$0
41	200 WATTS	$16.43	0	$0	$19.69	0	$0
42	200 WATTS- Long Term	$15.93	0	$0	$19.19	0	$0
43	400 WATTS	$23.76	0	$0	$28.46	0	$0
44	400 WATTS- Long Term	$23.26	0	$0	$27.96	0	$0
	METAL HALIDE - COBRA HEAD						
45	100 WATT	$49.23	0	$0	$58.98	0	$0
46	100 WATT- Long Term	$48.73	0	$0	$58.48	0	$0
47	175 WATT	$49.23	0	$0	$58.98	0	$0
48	175 WATT- Long Term	$48.73	0	$0	$58.48	0	$0
49	400 WATT	$44.88	132	$5,924	$53.77	132	$7,098
50	400 WATT- Long Term	$44.38	0	$0	$53.27	0	$0
51	1,000 WATT	$67.44	0	$0	$80.80	0	$0
52	1,000 WATT- Long Term	$66.94	0	$0	$80.30	0	$0

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40			Tariff No. 40, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	METAL HALIDE - COBRA HEAD ADDITIONAL FIXTURE						
53	100 WATT	$19.18	0	$0	$22.98	0	$0
54	100 WATT- Long Term	$18.68	0	$0	$22.48	0	$0
55	175 WATT	$19.18	0	$0	$22.98	0	$0
56	175 WATT- Long Term	$18.68	0	$0	$22.48	0	$0
57	400 WATT	$25.60	0	$0	$30.68	0	$0
58	400 WATT- Long Term	$25.10	0	$0	$30.18	0	$0
59	1,000 WATT	$36.98	0	$0	$44.31	0	$0
60	1,000 WATT- Long Term	$36.48	0	$0	$43.81	0	$0
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/ BASE						
61	100 WATT	$52.63	0	$0	$63.06	0	$0
62	100 WATT- Long Term	$52.13	0	$0	$62.56	0	$0
63	200 WATT	$47.04	72	$3,387	$56.36	72	$4,058
64	200 WATT- Long Term	$46.54	0	$0	$55.86	0	$0
65	400 WATT	$48.86	432	$21,108	$58.54	432	$25,291
66	400 WATT- Long Term	$48.36	0	$0	$58.04	0	$0
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/O BASE						
67	100 WATT	$38.98	12	$468	$46.70	12	$560
68	100 WATT- Long Term	$38.48	12	$462	$46.20	12	$554
69	200 WATT	$36.24	72	$2,609	$43.42	72	$3,126
70	200 WATT- Long Term	$35.74	0	$0	$42.92	0	$0
71	400 WATT	$45.33	0	$0	$54.32	0	$0
72	400 WATT- Long Term	$44.83	120	$5,380	$53.82	120	$6,458
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX ADDITIONAL FIXTURE						
73	100 WATT	$18.68	0	$0	$22.38	0	$0
74	100 WATT- Long Term	$18.18	0	$0	$21.88	0	$0
75	200 WATT	$21.44	0	$0	$25.69	0	$0
76	200 WATT- Long Term	$20.94	0	$0	$25.19	0	$0
77	400 WATT	$25.07	0	$0	$30.04	0	$0
78	400 WATT- Long Term	$24.57	0	$0	$29.54	0	$0
	METAL HALIDE - SHOE BOX W/ BASE						
79	175 WATTS	$58.01	0	$0	$69.51	0	$0
80	175 WATTS- Long Term	$57.51	0	$0	$69.01	0	$0
81	400 WATTS	$58.01	0	$0	$69.51	0	$0
82	400 WATTS- Long Term	$57.51	0	$0	$69.01	0	$0
	METAL HALIDE - SHOE BOX W/O BASE						
83	175 WATTS	$46.61	0	$0	$55.84	0	$0
84	175 WATTS- Long Term	$46.11	0	$0	$55.34	0	$0
85	400 WATTS	$46.61	0	$0	$55.84	0	$0
86	400 WATTS- Long Term	$46.11	554	$25,544	$55.34	554	$30,661
87	1,000 WATTS	$69.99	0	$0	$83.86	0	$0
88	1,000 WATTS- Long Term	$69.49	0	$0	$83.36	0	$0

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 57
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	METAL HALIDE - SHOE BOX ADDITIONAL FIXTURE						
89	175 WATTS	$27.57	0	$0	$33.04	0	$0
90	175 WATTS- Long Term	$27.07	0	$0	$32.54	0	$0
91	400 WATTS	$27.57	0	$0	$33.04	0	$0
92	400 WATTS- Long Term	$27.07	373	$10,098	$32.54	373	$12,136
93	1,000 WATTS	$43.76	0	$0	$52.44	0	$0
94	1,000 WATTS- Long Term	$43.26	0	$0	$51.94	0	$0
95	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$4,647,665**			**$5,343,471**
96	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
97	Distribution System Improvement Charge	0.284%	23,536,215	$13,563	0%	23,536,215	$0
98	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$4,661,228**			**$5,343,471**
	RIDER CHARGES						
99	Default Service Support Charge	$0.00143	23,536,215	$49,192	$0.00150	23,536,215	$50,320
100	Phase II Energy Efficiency and Conservation Charge	$0.00145	23,536,215	$40,226	$0.00145	23,536,215	$40,226
101	PTC*	$0.07547	23,536,215	$1,776,278	$0.07547	23,536,215	$1,776,278
102	STAS	0%		$0	0%		$0
103	Total Energy and Revenue		23,536,215	**$6,526,924**		23,536,215	**$7,210,295**
104	Avg rate per kWh			$0.27731			$0.30635
105	Proposed Increase						$683,371
106	Percent Increase						10.47%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 58
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40			Tariff No. 40, Supplement XX		
		Current Rate (1)	Billing Units (2)	Revenues (3)	Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	CUSTOMER OWNED POLE						
	HIGH PRESSURE SODIUM VAPOR						
1	100 WATTS	$4.12	1,014	$4,178	$4.72	1,014	$4,786
2	200 WATTS	$6.82	2,374	$16,191	$7.81	2,374	$18,541
3	400 WATTS	$11.12	60	$667	$12.73	60	$764
	MERCURY VAPOR						
4	175 WATTS	$4.62	11	$51	$5.31	11	$58
5	250 WATTS	$7.10	0	$0	$8.51	0	$0
6	400 WATTS	$7.92	22	$174	$9.06	22	$199
7	1,000 WATTS	$13.91	0	$0	$16.66	0	$0
	METAL HALIDE						
8	175 WATTS	$6.17	0	$0	$7.39	0	$0
9	250 WATTS	$7.08	22	$156	$8.12	22	$179
10	400 WATTS	$7.55	144	$1,087	$8.65	144	$1,246
11	1,000 WATTS	$13.85	168	$2,327	$15.87	168	$2,666
	Incandescent						
12	100 WATTS	$6.35	0	$0	$7.61	0	$0
13	200 WATTS	$7.27	0	$0	$8.71	0	$0
14	325 WATTS	$8.59	0	$0	$10.29	0	$0
15	450 WATTS	$9.85	0	$0	$11.80	0	$0
	COMPANY OWNED POLE						
	HIGH PRESSURE SODIUM VAPOR						
16	100 WATTS	$5.47	159	$870	$6.27	159	$997
17	200 WATTS	$8.19	530	$4,341	$9.38	530	$4,971
18	400 WATTS	$12.49	72	$899	$14.30	72	$1,030
	MERCURY VAPOR						
19	175 WATTS	$5.93	0	$0	$7.11	0	$0
20	250 WATTS	$7.54	0	$0	$9.03	0	$0
21	400 WATTS	$9.30	0	$0	$11.14	0	$0
22	1,000 WATTS	$15.49	0	$0	$18.56	0	$0

West Penn Power Company
Outdoor Lighting Equipment, Maintenance and Unmetered Service - Schedule 58
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	METAL HALIDE						
23	175 WATTS	$7.55	11	$83	$8.64	11	$95
24	250 WATTS	$8.41	730	$6,139	$9.63	730	$7,030
25	400 WATTS	$8.92	60	$535	$10.21	60	$613
26	1,000 WATTS	$15.21	72	$1,095	$17.42	72	$1,254
	Incandescent						
27	100 WATTS	$7.92	0	$0	$9.49	0	$0
28	200 WATTS	$8.83	0	$0	$10.58	0	$0
29	325 WATTS	$10.16	0	$0	$12.17	0	$0
30	450 WATTS	$11.41	0	$0	$13.67	0	$0
31	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			$38,793			**$44,429**
32	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
33	Distribution System Improvement Charge	0.284%	530,703	$306	0%	530,703	$0
34	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$39,099**			**$44,429**
	RIDER CHARGES						
35	Default Service Support Charge	$0.00143	530,703	$1,109	$0.00150	530,703	$1,134
36	Phase II Energy Efficiency and Conservation Charge	$0.00145	530,703	$907	$0.00145	530,703	$907
37	PTC*	$0.07547	530,703	$40,052	$0.07547	530,703	$40,052
38	STAS	0%		$0	0%		$0
39	Total Energy and Revenue		530,703	**$81,167**		530,703	**$86,522**
40	Avg rate per kWh			$0.15294			$0.16303
41	Proposed Increase						$5,356
42	Percent Increase						6.60%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Outdoor Lighting Equipment and Maintenance Service - Schedule 59
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	OVERHEAD SERVICE						
	MERCURY VAPOR - COBRA HEAD						
1	175 WATTS	$9.44	44	$415	$10.80	44	$475
2	175 WATTS- Long Term	$8.94	0	$0	$10.30	0	$0
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD						
3	100 WATTS	$10.39	158	$1,642	$11.90	158	$1,880
4	100 WATTS- Long Term	$9.89	0	$0	$11.40	0	$0
5	200 WATTS	$12.96	0	$0	$15.53	0	$0
6	200 WATTS- Long Term	$12.46	265	$3,302	$15.03	265	$3,983
7	400 WATTS	$15.35	60	$921	$18.40	60	$1,104
8	400 WATTS- Long Term	$14.85	0	$0	$17.90	0	$0
	METAL HALIDE - COBRA HEAD						
9	400 WATTS	$15.48	36	$557	$17.72	36	$638
10	400 WATTS- Long Term	$14.98	0	$0	$17.22	0	$0
11	1,000 WATTS	$28.01	0	$0	$33.56	0	$0
12	1,000 WATTS- Long Term	$27.51	0	$0	$33.06	0	$0
	HIGH PRESSURE SODIUM VAPOR - FLOODLIGHT						
13	200 WATTS	$14.14	12	$170	$16.23	12	$195
14	200 WATTS- Long Term	$13.64	12	$164	$15.73	12	$189
15	400 WATTS	$16.25	84	$1,365	$18.61	84	$1,563
16	400 WATTS- Long Term	$15.75	12	$189	$18.11	12	$217
	METAL HALIDE - FLOODLIGHT						
17	400 WATTS	$15.48	132	$2,043	$17.73	132	$2,340
18	400 WATTS- Long Term	$14.98	0	$0	$17.23	0	$0
19	1,000 WATTS	$24.32	252	$6,129	$27.86	252	$7,021
20	1,000 WATTS- Long Term	$23.82	0	$0	$27.36	0	$0
	UNDERGROUND SERVICE						
	HIGHPRESSURE SODIUM VAPOR - COLONIAL POST TOP						
21	100 WATTS	$18.86	87	$1,641	$21.61	87	$1,880
22	100 WATTS- Long Term	$18.36	0	$0	$21.11	0	$0
	METAL HALIDE - COLONIAL POST TOP						
23	175 WATTS	$21.75	96	$2,088	$24.91	96	$2,391
24	175 WATTS- Long Term	$21.25	120	$2,550	$24.41	120	$2,929
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD						
25	100 WATTS	$38.70	0	$0	$46.37	0	$0
26	100 WATTS- Long Term	$38.20	0	$0	$45.87	0	$0
27	200 WATTS	$39.68	0	$0	$47.55	0	$0
28	200 WATTS- Long Term	$39.18	0	$0	$47.05	0	$0
29	400 WATTS	$40.44	0	$0	$48.45	0	$0
30	400 WATTS- Long Term	$39.94	0	$0	$47.95	0	$0
	HIGH PRESSURE SODIUM VAPOR - COBRA HEAD ADDITIONAL FIXTURE						
31	100 WATTS	$11.96	0	$0	$14.34	0	$0
32	100 WATTS- Long Term	$11.46	0	$0	$13.84	0	$0
33	200 WATTS	$12.96	0	$0	$15.53	0	$0
34	200 WATTS- Long Term	$12.46	0	$0	$15.03	0	$0
35	400 WATTS	$15.35	0	$0	$18.40	0	$0
36	400 WATTS- Long Term	$14.85	0	$0	$17.90	0	$0
	METAL HALIDE - COBRA HEAD						
37	400 WATTS	$42.93	0	$0	$51.43	0	$0
38	400 WATTS- Long Term	$42.43	0	$0	$50.93	0	$0
39	1,000 WATTS	$46.07	12	$553	$52.79	12	$633
40	1,000 WATTS- Long Term	$45.57	0	$0	$52.29	0	$0
	METAL HALIDE - COBRA HEAD ADDITIONAL FIXTURE						
41	400 WATTS	$17.83	0	$0	$21.36	0	$0
42	400 WATTS- Long Term	$17.33	0	$0	$20.86	0	$0
43	1,000 WATTS	$28.01	0	$0	$33.56	0	$0
44	1,000 WATTS- Long Term	$27.51	0	$0	$33.06	0	$0
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/ BASE						
45	100 WATT	$50.86	0	$0	$60.94	0	$0

West Penn Power Company
Outdoor Lighting Equipment and Maintenance Service - Schedule 59
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
46	100 WATT- Long Term	$50.36	0	$0	$60.44	0	$0
47	200 WATT	$52.47	0	$0	$62.87	0	$0
48	200 WATT- Long Term	$51.97	0	$0	$62.37	0	$0
49	400 WATT	$55.00	0	$0	$65.90	0	$0
50	400 WATT- Long Term	$54.50	0	$0	$65.40	0	$0
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX W/O BASE						
51	100 WATT	$37.20	0	$0	$44.57	0	$0
52	100 WATT- Long Term	$36.70	12	$440	$44.07	12	$529
53	200 WATT	$40.03	0	$0	$47.96	0	$0
54	200 WATT- Long Term	$39.53	0	$0	$47.46	0	$0
55	400 WATT	$44.04	0	$0	$52.77	0	$0
56	400 WATT- Long Term	$43.54	0	$0	$52.27	0	$0
	HIGH PRESSURE SODIUM VAPOR - SHOE BOX ADDITIONAL FIXTURE						
57	100 WATT	$18.24	0	$0	$21.85	0	$0
58	100 WATT- Long Term	$17.74	0	$0	$21.35	0	$0
59	200 WATT	$19.89	0	$0	$23.83	0	$0
60	200 WATT- Long Term	$19.39	0	$0	$23.33	0	$0
61	400 WATT	$22.41	0	$0	$26.85	0	$0
62	400 WATT- Long Term	$21.91	0	$0	$26.35	0	$0
	METAL HALIDE - SHOE BOX W/ BASE						
63	400 WATTS	$53.97	0	$0	$64.67	0	$0
64	400 WATTS- Long Term	$53.47	0	$0	$64.17	0	$0
	METAL HALIDE - SHOE BOX W/O BASE						
65	400 WATTS	$36.47	408	$14,880	$41.78	408	$17,046
66	400 WATTS- Long Term	$35.97	0	$0	$41.28	0	$0
67	1,000 WATTS	$66.07	0	$0	$79.16	0	$0
68	1,000 WATTS- Long Term	$65.57	0	$0	$78.66	0	$0
	METAL HALIDE - SHOE BOX ADDITIONAL FIXTURE						
69	400 WATTS	$23.70	0	$0	$28.40	0	$0
70	400 WATTS- Long Term	$23.20	0	$0	$27.90	0	$0
71	1,000 WATTS	$32.62	0	$0	$39.09	0	$0
72	1,000 WATTS- Long Term	$32.12	0	$0	$38.59	0	$0
73	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$39,049**			**$45,013**
74	Distribution System Improvement Charge	0.284%	270,407	$156	0%	270,407	$0
75	Smart Meter Technologies Charge (Per Bill)	$0		$0	$0		$0
76	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$39,205**			**$45,013**
	RIDER CHARGES						
77	PTC*	$0.07547	270,407	$20,408	$0.07547	270,407	$20,408
78	STAS	0%		$0	0%		$0
79	Total Energy and Revenue		270,407	**$59,613**		1,802	**$65,421**
80	Avg rate per kWh			$0.22			$36.30
81	Proposed Increase						$5,808
82	Percent Increase						10%

* Total wires kWh used for illustrative purposes

West Penn Power Company
Mercury Vapor Street and Highway Lighting Service - Schedule 71
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	LOW MOUNTING						
1	100 WATTS	$11.25	368	$4,140	$12.89	368	$4,744
2	175 WATTS	$13.51	116	$1,567	$15.47	116	$1,795
	HIGH MOUNTING						
3	400 WATTS	$30.80	0	$0	$36.91	0	$0
4	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$5,707**			**$6,539**
5	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
6	Distribution System Improvement Charge	0.284%	298,576	$172	0%	298,576	$0
7	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$5,879**			**$6,539**
	RIDER CHARGES						
8	Default Service Support Charge	$0.00143	298,576	$624	$0.00150	298,576	$638
9	Phase II Energy Efficiency and Conservation Charge	$0.00145	298,576	$510	$0.00145	298,576	$510
10	PTC*	$0.07547	298,576	$22,534	$0.07547	298,576	$22,534
11	STAS	0%		$0	0%		$0
12	Total Energy and Revenue		298,576	**$29,547**		298,576	**$30,221**
13	Avg rate per kWh			$0.09896			$0.10122
14	Proposed Increase			$29,547			$674
15	Percent Increase						2.28%

* Total wires kWh used for illustrative purposes

West Penn Power Company
LED Street Lighting Service - Schedule 72
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	(5)	Proposed Revenue (6)=(4)x(5)
	COBRA HEAD						
1	50 WATTS	$5.52	108,518	$599,019	$10.18	108,518	$1,104,713
2	90 WATTS	$6.94	5,746	$39,877	$11.84	5,746	$68,033
3	130 WATTS	$7.38	16,644	$122,833	$12.59	16,644	$209,548
4	260 WATTS	$11.44	396	$4,530	$19.52	396	$7,730
	Colonial						
5	50 WATTS	$8.85	12,058	$106,713	$15.10	12,058	$182,076
6	90 WATTS	$9.74	638	$6,214	$16.62	638	$10,604
	Acorn						
7	50 WATTS	$14.73	0	$0	$17.65	0	$0
8	90 WATTS	$15.57	0	$0	$18.66	0	$0
9	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$879,186**			**$1,582,704**
10	Smart Meter Technologies Charge (Per Bill)	$0	0	$0	$0	0	$0
11	Distribution System Improvement Charge	0.284%	3,137,626	$1,808	0%	3,137,626	$0
12	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$880,994**			**$1,582,704**
	RIDER CHARGES						
13	Default Service Support Charge	$0.00143	3,137,626	$6,558	$0.00150	3,137,626	$6,708
14	Phase II Energy Efficiency and Conservation Charge	$0.00145	3,137,626	$5,363	$0.00145	3,137,626	$5,363
15	PTC*	$0.07547	3,137,626	$236,797	$0.07547	3,137,626	$236,797
16	STAS	0%		$0	0%		$0
17	Total Energy and Revenue		3,137,626	**$1,129,712**		3,137,626	**$1,831,572**
18	Avg rate per kWh			$0.36005			$0.58374
19	Proposed Increase			$1,129,712			$701,860
20	Percent Increase						62.13%

* Total wires kWh used for illustrative purposes

West Penn Power Company
The Pennsylvania State University
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGES						
1	Customer Charge	$601.75	12	$7,221	$812.36	12	$9,748
	DEMAND CHARGES						
2	First 10,000 kVA	$2.46	120,000	$295,193	$2.69	120,000	$322,800
3	Additional kVA	$2.35	314,224	$738,410	$2.57	314,224	$807,556
	ENERGY CHARGES	$0.00	0	$0	$0.00	0	$0
4	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			**$1,040,824**			**$1,140,104**
5	Smart Meter Technologies Charge (Per Bill)	$0	12	$0	$0	12	$0
6	Distribution System Improvement Charge	0%	0	$0	0%	0	$0
7	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			**$1,040,824**			**$1,140,104**
	RIDER CHARGES						
8	Default Service Support Charge (Per kW NSPL)	$0.595	540,288	$249,054	$0.595	540,288	$249,054
9	Phase II Energy Efficiency (Per kW PLC)	$0.22	600,432	$155,662	$0.22	600,432	$155,662
10	Hourly Priced Generation*	$0.05441	221,839,371	$12,070,280	$0.05441	221,839,371	$12,071,011
11	STAS	0%		$0	0%		$0
12	Total Energy and Revenue		221,839,371	**$13,515,820**		221,839,371	**$13,615,831**
13	Avg rate per kWh			$0.06093			$0.06138
14	Proposed Increase						$100,011
15	Percent Increase						1%

* Total wires kWh used for illustrative purposes. Generation rates vary hourly based on hourly pricing, price based on Dec 2015 average.

West Penn Power Company
Partial Service - Rider L
Revenue Effects of Proposed Rates - FTY 12/31/17

Line No.		Tariff No. 40 Current Rate (1)	Billing Units (2)	Revenues (3)	Tariff No. 40, Supplement XX Proposed Rate (4)	Billing Units (5)	Proposed Revenue (6)=(4)x(5)
	DISTRIBUTION CHARGES						
	CUSTOMER CHARGE						
1	Customer Charge	$86.43	24	$2,075	$86.43	24	$2,074
2	**DEMAND CHARGES**						
3	Backup Secondary Power	$2.88	600	$1,729	$3.07	600	$1,842
	Backup Primary Power						
4	First Block (0 - 100) Kw	$0.41	1,200	$492	$0.56	1,200	$672
5	Second Block (Over 100) kW	$0.41	28,800	$11,815	$0.56	28,800	$16,128
6	Backup Transmission Power	$0.09	0	$0	$0.11	0	$0
7	Maintenance Secondary Power	$2.28	0	$0	$2.45	0	$0
8	Maintenance Primary Power	$0.32	0	$0	$0.44	0	$0
9	Maintenance Transmission Power	$0.06	0	$0	$0.09	0	$0
10	Voltage Discount Over 15,000 Volts	($0.14)	30,000	($4,202)	($0.14)	30,000	($4,200)
11	Penalty Charge per Excess kW	$10.00	0	$0	$10.00	0	$0
	ENERGY CHARGES						
12	All kWh	$0.00000	0	$0	$0.00000	0	$0
13	**TOTAL BASE NORMALIZED DISTRIBUTION REVENUES**			$11,909			$16,516
14	Smart Meter Technologies Charge (Per Bill)	$0	24	$0	$0	24	$0
15	**TOTAL DISTRIBUTION INCLUDING RIDER CHANGES**			$11,909			$16,516
16	**STAS**	0%		$0	0%		$0
17	Total Energy and Revenue		0	$11,909		0	$16,516
18	Average Rate per kWh			$0.00000			$0.00000
19	Proposed Increase						$4,607
20	Percent Increase						38.69%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 10

ENERGY USAGE																	
All kWh	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81
All kWh @ 2.896 ¢/kWh	$ -	$ 1.45	$ 2.90	$ 7.24	$ 14.48	$ 21.72	$ 26.06	$ 28.96	$ 43.44	$ 57.92	$ 72.40	$ 86.88	$ 101.36	$ 115.84	$ 130.32	$ 144.80
Sub-Total	$ 5.81	$ 7.26	$ 8.71	$ 13.05	$ 20.29	$ 27.53	$ 31.87	$ 34.77	$ 49.25	$ 63.73	$ 78.21	$ 92.68	$ 107.17	$ 121.65	$ 136.13	$ 150.61
Riders																	
Universal Service Charge @ 0.387 ¢/kWh	$ -	$ 0.19	$ 0.39	$ 0.97	$ 1.94	$ 2.90	$ 3.48	$ 3.87	$ 5.81	$ 7.74	$ 9.68	$ 11.61	$ 13.55	$ 15.48	$ 17.42	$ 19.35
Phase II Energy Efficiency Charge @ 0.168 ¢/kWh	$ -	$ 0.08	$ 0.17	$ 0.42	$ 0.84	$ 1.26	$ 1.51	$ 1.68	$ 2.52	$ 3.36	$ 4.20	$ 5.04	$ 5.88	$ 6.72	$ 7.56	$ 8.40
Smart Meter Charge @ $0.00000 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.272 ¢/kWh	$ -	$ 0.14	$ 0.27	$ 0.68	$ 1.36	$ 2.04	$ 2.45	$ 2.72	$ 4.08	$ 5.44	$ 6.80	$ 8.16	$ 9.52	$ 10.88	$ 12.24	$ 13.60
Sub-Total	$ -	$ 0.41	$ 0.83	$ 2.07	$ 4.14	$ 6.20	$ 7.44	$ 8.27	$ 12.41	$ 16.54	$ 20.68	$ 24.81	$ 28.95	$ 33.08	$ 37.22	$ 41.35
DSIC Charge @ 0.284 %	$ 0.02	$ 0.02	$ 0.03	$ 0.04	$ 0.07	$ 0.10	$ 0.11	$ 0.12	$ 0.18	$ 0.23	$ 0.28	$ 0.33	$ 0.39	$ 0.44	$ 0.49	$ 0.55
PTC Charge																	
All kWh @ $0.07011 /kWh	$ -	$ 3.51	$ 7.01	$ 17.53	$ 35.06	$ 52.58	$ 63.10	$ 70.11	$ 105.17	$ 140.22	$ 175.28	$ 210.33	$ 245.39	$ 280.44	$ 315.50	$ 350.55
Sub Total	$ 5.83	$ 11.20	$ 16.57	$ 32.69	$ 59.55	$ 86.41	$ 102.53	$ 113.27	$ 167.00	$ 220.72	$ 274.44	$ 328.16	$ 381.89	$ 435.61	$ 489.33	$ 543.06
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 5.83	$ 11.20	$ 16.57	$ 32.69	$ 59.55	$ 86.41	$ 102.53	$ 113.27	$ 167.00	$ 220.72	$ 274.44	$ 328.16	$ 381.89	$ 435.61	$ 489.33	$ 543.06

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98
All kWh @ $0.03113 /kWh	$ -	$ 1.56	$ 3.11	$ 7.78	$ 15.57	$ 23.35	$ 28.02	$ 31.13	$ 46.70	$ 62.26	$ 77.83	$ 93.39	$ 108.96	$ 124.52	$ 140.09	$ 155.65
Sub-Total	$ 13.98	$ 15.54	$ 17.09	$ 21.76	$ 29.55	$ 37.33	$ 42.00	$ 45.11	$ 60.68	$ 76.24	$ 91.81	$ 107.37	$ 122.94	$ 138.50	$ 154.07	$ 169.63
Riders																	
Universal Service Charge @ 0.387 ¢/kWh	$ -	$ 0.19	$ 0.39	$ 0.97	$ 1.94	$ 2.90	$ 3.48	$ 3.87	$ 5.81	$ 7.74	$ 9.68	$ 11.61	$ 13.55	$ 15.48	$ 17.42	$ 19.35
Phase II Energy Efficiency Charge @ 0.168 ¢/kWh	$ -	$ 0.08	$ 0.17	$ 0.42	$ 0.84	$ 1.26	$ 1.51	$ 1.68	$ 2.52	$ 3.36	$ 4.20	$ 5.04	$ 5.88	$ 6.72	$ 7.56	$ 8.40
Smart Meter Charge @ $0.00000 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.339 ¢/kWh	$ -	$ 0.17	$ 0.34	$ 0.85	$ 1.70	$ 2.54	$ 3.05	$ 3.39	$ 5.09	$ 6.78	$ 8.48	$ 10.17	$ 11.87	$ 13.56	$ 15.26	$ 16.95
Sub-Total	$ -	$ 0.45	$ 0.89	$ 2.24	$ 4.47	$ 6.71	$ 8.05	$ 8.94	$ 13.41	$ 17.88	$ 22.35	$ 26.82	$ 31.29	$ 35.76	$ 40.23	$ 44.70
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @$ 0.07011 /kWh	$ -	$ 3.51	$ 7.01	$ 17.53	$ 35.06	$ 52.58	$ 63.10	$ 70.11	$ 105.17	$ 140.22	$ 175.28	$ 210.33	$ 245.39	$ 280.44	$ 315.50	$ 350.55
Sub Total	$ 13.98	$ 19.49	$ 25.00	$ 41.53	$ 69.07	$ 96.62	$ 113.14	$ 124.16	$ 179.25	$ 234.34	$ 289.43	$ 344.52	$ 399.61	$ 454.70	$ 509.79	$ 564.88
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 13.98	$ 19.49	$ 25.00	$ 41.53	$ 69.07	$ 96.62	$ 113.14	$ 124.16	$ 179.25	$ 234.34	$ 289.43	$ 344.52	$ 399.61	$ 454.70	$ 509.79	$ 564.88
% Increase	139.94%	74.03%	50.85%	27.03%	15.99%	11.81%	10.35%	9.61%	7.34%	6.17%	5.46%	4.98%	4.64%	4.38%	4.18%	4.02%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 20 - SPECIAL PROVISION

ENERGY USAGE																			
All kWh	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000			
Total Energy Usage	0	50	100	250	500	750	900	1,000	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000			

UNBUNDLED RATES - CURRENT

Distribution																			
Distribution Charge @ $5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81	$ 5.81
All kWh @ 2.896 ¢/kWh	$ -	$ 1.45	$ 2.90	$ 7.24	$ 14.48	$ 21.72	$ 26.06	$ 28.96	$ 43.44	$ 57.92	$ 72.40	$ 86.88	$ 101.36	$ 115.84	$ 130.32	$ 144.80			
Sub-Total	$ 5.81	$ 7.26	$ 8.71	$ 13.05	$ 20.29	$ 27.53	$ 31.87	$ 34.77	$ 49.25	$ 63.73	$ 78.21	$ 92.69	$ 107.17	$ 121.65	$ 136.13	$ 150.61			
Riders																			
Universal Service Charge @ 0.387 ¢/kWh	$ -	$ 0.19	$ 0.39	$ 0.97	$ 1.94	$ 2.90	$ 3.48	$ 3.87	$ 5.81	$ 7.74	$ 9.68	$ 11.61	$ 13.55	$ 15.48	$ 17.42	$ 19.35			
Phase II Energy Efficiency Charge @ 0.921 ¢/kWh	$ -	$ 0.46	$ 0.92	$ 2.30	$ 4.61	$ 6.91	$ 8.29	$ 9.21	$ 13.82	$ 18.42	$ 23.03	$ 27.63	$ 32.24	$ 36.84	$ 41.45	$ 46.05			
Smart Meter Charge @ $0.00000 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Default Service Support Charge @ 0.272 ¢/kWh	$ -	$ 0.14	$ 0.27	$ 0.68	$ 1.36	$ 2.04	$ 2.45	$ 2.72	$ 4.08	$ 5.44	$ 6.80	$ 8.16	$ 9.52	$ 10.88	$ 12.24	$ 13.60			
Sub-Total	$ -	$ 0.79	$ 1.58	$ 3.95	$ 7.90	$ 11.85	$ 14.22	$ 15.80	$ 23.70	$ 31.60	$ 39.50	$ 47.40	$ 55.30	$ 63.20	$ 71.10	$ 79.00			
DSIC Charge @ 0.284 %	$ 0.02	$ 0.02	$ 0.03	$ 0.05	$ 0.08	$ 0.11	$ 0.13	$ 0.14	$ 0.21	$ 0.27	$ 0.33	$ 0.40	$ 0.46	$ 0.52	$ 0.59	$ 0.65			
PTC Charge																			
All kWh @ $ 0.07011/kWh	$ -	$ 3.51	$ 7.01	$ 17.53	$ 35.06	$ 52.58	$ 63.10	$ 70.11	$ 105.17	$ 140.22	$ 175.28	$ 210.33	$ 245.39	$ 280.44	$ 315.50	$ 350.55			
Sub Total	$ 5.83	$ 11.58	$ 17.33	$ 34.58	$ 63.33	$ 92.07	$ 109.32	$ 120.82	$ 178.32	$ 235.82	$ 293.32	$ 350.82	$ 408.32	$ 465.81	$ 523.31	$ 580.81			
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Total Bill	$ 5.83	$ 11.58	$ 17.33	$ 34.58	$ 63.33	$ 92.07	$ 109.32	$ 120.82	$ 178.32	$ 235.82	$ 293.32	$ 350.82	$ 408.32	$ 465.81	$ 523.31	$ 580.81			

UNBUNDLED RATES - PROPOSED

Distribution																			
Distribution Charge @ $13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98	$ 13.98
All kWh @ $0.03113 /kWh	$ -	$ 1.56	$ 3.11	$ 7.78	$ 15.57	$ 23.35	$ 28.02	$ 31.13	$ 46.70	$ 62.26	$ 77.83	$ 93.39	$ 108.96	$ 124.52	$ 140.09	$ 155.65			
Sub-Total	$ 13.98	$ 15.54	$ 17.09	$ 21.76	$ 29.55	$ 37.33	$ 42.00	$ 45.11	$ 60.68	$ 76.24	$ 91.81	$ 107.37	$ 122.94	$ 138.50	$ 154.07	$ 169.63			
Riders																			
Universal Service Charge @ 0.387 ¢/kWh	$ -	$ 0.19	$ 0.39	$ 0.97	$ 1.94	$ 2.90	$ 3.48	$ 3.87	$ 5.81	$ 7.74	$ 9.68	$ 11.61	$ 13.55	$ 15.48	$ 17.42	$ 19.35			
Phase II Energy Efficiency Charge @ 0.921 ¢/kWh	$ -	$ 0.46	$ 0.92	$ 2.30	$ 4.61	$ 6.91	$ 8.29	$ 9.21	$ 13.82	$ 18.42	$ 23.03	$ 27.63	$ 32.24	$ 36.84	$ 41.45	$ 46.05			
Smart Meter Charge @ $0.00000 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Default Service Support Charge @ 0.339 ¢/kWh	$ -	$ 0.17	$ 0.34	$ 0.85	$ 1.70	$ 2.54	$ 3.05	$ 3.39	$ 5.09	$ 6.78	$ 8.48	$ 10.17	$ 11.87	$ 13.56	$ 15.26	$ 16.95			
Sub-Total	$ -	$ 0.82	$ 1.65	$ 4.12	$ 8.24	$ 12.35	$ 14.82	$ 16.47	$ 24.71	$ 32.94	$ 41.18	$ 49.41	$ 57.65	$ 65.88	$ 74.12	$ 82.35			
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
PTC Charge																			
All kWh @ $ 0.07011/kWh	$ -	$ 3.51	$ 7.01	$ 17.53	$ 35.06	$ 52.58	$ 63.10	$ 70.11	$ 105.17	$ 140.22	$ 175.28	$ 210.33	$ 245.39	$ 280.44	$ 315.50	$ 350.55			
Sub Total	$ 13.98	$ 19.87	$ 25.75	$ 43.41	$ 72.84	$ 102.26	$ 119.92	$ 131.69	$ 190.55	$ 249.40	$ 308.26	$ 367.11	$ 425.97	$ 484.82	$ 543.68	$ 602.53			
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Total Bill	$ 13.98	$ 19.87	$ 25.75	$ 43.41	$ 72.84	$ 102.26	$ 119.92	$ 131.69	$ 190.55	$ 249.40	$ 308.26	$ 367.11	$ 425.97	$ 484.82	$ 543.68	$ 602.53			
% Increase	139.94%	71.60%	48.62%	25.54%	15.02%	11.07%	9.69%	8.99%	6.85%	5.76%	5.09%	4.64%	4.32%	4.08%	3.89%	3.74%			

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 20
With Demands 1 - 5 KW
At Average Levels of kWh Use

KW DEMAND															
Total kW	1	1	1	1	1	1	1	1	3	3	3	3	3	5	5
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	100	200
ENERGY USAGE															
Monthly Energy Usage	0	100	200	300	400	500	600	730	300	600	900	1,200	1,500	500	1,000
Total Energy Usage	0	100	200	300	400	500	600	730	300	600	900	1,200	1,500	500	1,000

UNBUNDLED RATES - CURRENT

Distribution															
Distribution Charge @ $6.69	$ 6.69	$ 6.69	$ 6.69	$6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69	$ 6.69
All kWh @ $0.03048 /kWh	$ -	$ 3.05	$ 6.10	$ 9.14	$ 12.19	$ 15.24	$ 18.29	$ 22.25	$ 9.14	$ 18.29	$ 27.43	$ 36.58	$ 45.72	$ 15.24	$ 30.48
Sub-Total	$ 6.69	$ 9.74	$ 12.79	$ 15.83	$ 18.88	$ 21.93	$ 24.98	$ 28.94	$ 15.83	$ 24.98	$ 34.12	$ 43.27	$ 52.41	$ 21.93	$ 37.17
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 0.14	$ 0.27	$ 0.41	$ 0.54	$ 0.68	$ 0.82	$ 0.99	$ 0.41	$ 0.82	$ 1.22	$ 1.63	$ 2.04	$ 0.68	$ 1.36
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.112 ¢/kWh	$ -	$ 0.11	$ 0.22	$ 0.34	$ 0.45	$ 0.56	$ 0.67	$ 0.82	$ 0.34	$ 0.67	$ 1.01	$ 1.34	$ 1.68	$ 0.56	$ 1.12
Sub-Total	$ -	$ 0.25	$ 0.50	$ 0.74	$ 0.99	$ 1.24	$ 1.49	$ 1.81	$ 0.74	$ 1.49	$ 2.23	$ 2.98	$ 3.72	$ 1.24	$ 2.48
DSIC Charge @ 0.284 %	$ 0.02	$ 0.03	$ 0.04	$ 0.05	$ 0.06	$ 0.07	$ 0.08	$ 0.09	$ 0.05	$ 0.08	$ 0.10	$ 0.13	$ 0.16	$ 0.07	$ 0.11
PTC Charge															
All kWh @ $ 0.07547 /kWh	$ -	$ 7.55	$ 15.09	$ 22.64	$ 30.19	$ 37.74	$ 45.28	$ 55.09	$ 22.64	$ 45.28	$ 67.92	$ 90.56	$ 113.21	$ 37.74	$ 75.47
Sub Total	$ 6.71	$ 17.56	$ 28.41	$ 39.27	$ 50.12	$ 60.97	$ 71.82	$ 85.93	$ 39.27	$ 71.82	$ 104.38	$ 136.94	$ 169.49	$ 60.97	$ 115.23
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 6.71	$ 17.56	$ 28.41	$ 39.27	$ 50.12	$ 60.97	$ 71.82	$ 85.93	$ 39.27	$ 71.82	$ 104.38	$ 136.94	$ 169.49	$ 60.97	$ 115.23

UNBUNDLED RATES - PROPOSED

Distribution															
Distribution Charge @ $9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58	$ 9.58
All kWh @ $0.04385 /kWh	$ -	$ 4.39	$ 8.77	$ 13.16	$ 17.54	$ 21.93	$ 26.31	$ 32.01	$ 13.16	$ 26.31	$ 39.47	$ 52.62	$ 65.78	$ 21.93	$ 43.85
Sub-Total	$ 9.58	$ 13.97	$ 18.35	$ 22.74	$ 27.12	$ 31.51	$ 35.89	$ 41.59	$ 22.74	$ 35.89	$ 49.05	$ 62.20	$ 75.36	$ 31.51	$ 53.43
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 0.14	$ 0.27	$ 0.41	$ 0.54	$ 0.68	$ 0.82	$ 0.99	$ 0.41	$ 0.82	$ 1.22	$ 1.63	$ 2.04	$ 0.68	$ 1.36
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.118 ¢/kWh	$ -	$ 0.12	$ 0.24	$ 0.35	$ 0.47	$ 0.59	$ 0.71	$ 0.86	$ 0.35	$ 0.71	$ 1.06	$ 1.42	$ 1.77	$ 0.59	$ 1.18
Sub-Total	$ -	$ 0.25	$ 0.51	$ 0.76	$ 1.02	$ 1.27	$ 1.52	$ 1.85	$ 0.76	$ 1.52	$ 2.29	$ 3.05	$ 3.81	$ 1.27	$ 2.54
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge															
All kWh @ $ 0.07547 /kWh	$ -	$ 7.55	$ 15.09	$ 22.64	$ 30.19	$ 37.74	$ 45.28	$ 55.09	$ 22.64	$ 45.28	$ 67.92	$ 90.56	$ 113.21	$ 37.74	$ 75.47
Sub Total	$ 9.58	$ 21.77	$ 33.95	$ 46.14	$ 58.32	$ 70.51	$ 82.70	$ 98.54	$ 46.14	$ 82.70	$ 119.25	$ 155.81	$ 192.37	$ 70.51	$ 131.44
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 9.58	$ 21.77	$ 33.95	$ 46.14	$ 58.32	$ 70.51	$ 82.70	$ 98.54	$ 46.14	$ 82.70	$ 119.25	$ 155.81	$ 192.37	$ 70.51	$ 131.44
% Increase	42.79%	23.94%	19.49%	17.50%	16.37%	15.65%	15.14%	14.67%	17.50%	15.14%	14.25%	13.78%	13.50%	15.65%	14.06%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 30 - GENERAL PRIMARY POWER SERIVCE
With Demands 10 - 20 kW
At Average Levels of kWh Use

KW Demand															
Totel kW	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	600	730
REACTIVE DEMAND															
rkVA	0	1	1	1	1	1	1	1	3	3	3	3	3	3	3
ENERGY USAGE															
Monthly Energy Usage	0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600
Total Energy Usage	0	1,000	2,000	3,000	4,000	5,000	6,000	7,300	2,000	4,000	6,000	8,000	10,000	12,000	14,600

UNBUNDLED RATES - CURRENT

Distribution															
Distribution Charge @ $17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42
All kW @ $2.65/kW	$ 26.50	$ 26.50	$ 26.50	$ 26.50	$ 26.50	$ 26.50	$ 26.50	$ 26.50	$ 53.00	$ 53.00	$ 53.00	$ 53.00	$ 53.00	$ 53.00	$ 53.00
All rkVA @ $0.18 /rkVA	$ -	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51
All kWh @ $0.00400 /kWh	$ -	$ 4.00	$ 8.00	$ 12.00	$ 16.00	$ 20.00	$ 24.00	$ 29.20	$ 8.00	$ 16.00	$ 24.00	$ 32.00	$ 40.00	$ 48.00	$ 58.40
Sub-Total	$ 43.92	$ 48.17	$ 52.17	$ 56.17	$ 60.17	$ 64.17	$ 68.17	$ 73.37	$ 78.93	$ 86.93	$ 94.93	$ 102.93	$ 110.93	$ 118.93	$ 129.33
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 1.36	$ 2.72	$ 4.08	$ 5.44	$ 6.80	$ 8.16	$ 9.93	$ 2.72	$ 5.44	$ 8.16	$ 10.88	$ 13.60	$ 16.32	$ 19.86
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.143 ¢/kWh	$ -	$ 1.43	$ 2.86	$ 4.29	$ 5.72	$ 7.15	$ 8.58	$ 10.44	$ 2.86	$ 5.72	$ 8.58	$ 11.44	$ 14.30	$ 17.16	$ 20.88
Sub-Total	$ -	$ 2.79	$ 5.58	$ 8.37	$ 11.16	$ 13.95	$ 16.74	$ 20.37	$ 5.58	$ 11.16	$ 16.74	$ 22.32	$ 27.90	$ 33.48	$ 40.73
DSIC Charge @ 0.284 %	$ 0.12	$ 0.14	$ 0.16	$ 0.18	$ 0.20	$ 0.22	$ 0.24	$ 0.27	$ 0.24	$ 0.28	$ 0.32	$ 0.36	$ 0.39	$ 0.43	$ 0.48
PTC Charge															
All kWh @ $0.07547 /kWh	$ -	$ 75.47	$ 150.94	$ 226.41	$ 301.88	$ 377.35	$ 452.82	$ 550.93	$ 150.94	$ 301.88	$ 452.82	$ 603.76	$ 754.70	$ 905.64	$ 1,101.86
Sub Total	$ 44.04	$ 126.58	$ 208.86	$ 291.14	$ 373.42	$ 455.69	$ 537.97	$ 644.94	$ 235.69	$ 400.24	$ 564.80	$ 729.36	$ 893.92	$ 1,058.48	$ 1,272.40
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	**$ 44.04**	**$ 126.58**	**$ 208.86**	**$ 291.14**	**$ 373.42**	**$ 455.69**	**$ 537.97**	**$ 644.94**	**$ 235.69**	**$ 400.24**	**$ 564.80**	**$ 729.36**	**$ 893.92**	**$ 1,058.48**	**$ 1,272.40**

UNBUNDLED RATES - PROPOSED

Distribution															
Distribution Charge @ $19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05
All kW @ $3.02/kW	$ 30.20	$ 30.20	$ 30.20	$ 30.20	$ 30.20	$ 30.20	$ 30.20	$ 30.20	$ 60.40	$ 60.40	$ 60.40	$ 60.40	$ 60.40	$ 60.40	$ 60.40
All rkVA @ $0.18 /rkVA	$ -	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.25	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51	$ 0.51
All kWh @ $0.00400 /kWh	$ -	$ 4.00	$ 8.00	$ 12.00	$ 16.00	$ 20.00	$ 24.00	$ 29.20	$ 8.00	$ 16.00	$ 24.00	$ 32.00	$ 40.00	$ 48.00	$ 58.40
Sub-Total	$ 49.25	$ 53.50	$ 57.50	$ 61.50	$ 65.50	$ 69.50	$ 73.50	$ 78.70	$ 87.96	$ 95.96	$ 103.96	$ 111.96	$ 119.96	$ 127.96	$ 138.36
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 1.36	$ 2.72	$ 4.08	$ 5.44	$ 6.80	$ 8.16	$ 9.93	$ 2.72	$ 5.44	$ 8.16	$ 10.88	$ 13.60	$ 16.32	$ 19.86
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.150 ¢/kWh	$ -	$ 1.50	$ 3.00	$ 4.50	$ 6.00	$ 7.50	$ 9.00	$ 10.95	$ 3.00	$ 6.00	$ 9.00	$ 12.00	$ 15.00	$ 18.00	$ 21.90
Sub-Total	$ -	$ 2.86	$ 5.72	$ 8.58	$ 11.44	$ 14.30	$ 17.16	$ 20.88	$ 5.72	$ 11.44	$ 17.16	$ 22.88	$ 28.60	$ 34.32	$ 41.76
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge															
All kWh @ $0.07547 /kWh	$ -	$ 75.47	$ 150.94	$ 226.41	$ 301.88	$ 377.35	$ 452.82	$ 550.93	$ 150.94	$ 301.88	$ 452.82	$ 603.76	$ 754.70	$ 905.64	$ 1,101.86
Sub Total	$ 49.25	$ 131.83	$ 214.16	$ 296.49	$ 378.82	$ 461.15	$ 543.48	$ 650.51	$ 244.62	$ 409.28	$ 573.94	$ 738.60	$ 903.26	$ 1,067.92	$ 1,281.97
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	**$ 49.25**	**$ 131.83**	**$ 214.16**	**$ 296.49**	**$ 378.82**	**$ 461.15**	**$ 543.48**	**$ 650.51**	**$ 244.62**	**$ 409.28**	**$ 573.94**	**$ 738.60**	**$ 903.26**	**$ 1,067.92**	**$ 1,281.97**
% Increase	11.82%	4.15%	2.54%	1.84%	1.45%	1.20%	1.02%	0.86%	3.79%	2.26%	1.62%	1.27%	1.04%	0.89%	0.75%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 30 - GENERAL PRIMARY POWER SERIVCE
With Demands 25 - 100 kW
At Average Levels of kWh Use

KW Demand																	
Total kW	25	25	25	25	25	50	50	50	50	75	75	75	75	100	100	100	100
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	0	4	4	4	4	7	7	7	7	11	11	11	11	14	14	14	14
ENERGY USAGE																	
Monthly Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000
Total Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	7,500	22,500	37,500	54,750	10,000	30,000	50,000	73,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42
All kW @ $2.65/kW	$ 66.25	$ 66.25	$ 66.25	$ 66.25	$ 66.25	$ 132.50	$ 132.50	$ 132.50	$ 132.50	$ 198.75	$ 198.75	$ 198.75	$ 198.75	$ 265.00	$ 265.00	$ 265.00	$ 265.00
All rkVA @ $0.18 /rkVA	$ -	$ 0.63	$ 0.63	$ 0.63	$ 0.63	$ 1.26	$ 1.26	$ 1.26	$ 1.26	$ 1.89	$ 1.89	$ 1.89	$ 1.89	$ 2.53	$ 2.53	$ 2.53	$ 2.53
All kWh @ $0.00400 /kWh	$ -	$ 10.00	$ 30.00	$ 50.00	$ 73.00	$ 20.00	$ 60.00	$ 100.00	$ 146.00	$ 30.00	$ 90.00	$ 150.00	$ 219.00	$ 40.00	$ 120.00	$ 200.00	$ 292.00
Sub-Total	$ 83.67	$ 94.30	$ 114.30	$ 134.30	$ 157.30	$ 171.18	$ 211.18	$ 251.18	$ 297.18	$ 248.06	$ 308.06	$ 368.06	$ 437.06	$ 324.95	$ 404.95	$ 484.95	$ 576.95
Riders																	
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 3.40	$ 10.20	$ 17.00	$ 24.82	$ 6.80	$ 20.40	$ 34.00	$ 49.64	$ 10.20	$ 30.60	$ 51.00	$ 74.46	$ 13.60	$ 40.80	$ 68.00	$ 99.28
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.143 ¢/kWh	$ -	$ 3.58	$ 10.73	$ 17.88	$ 26.10	$ 7.15	$ 21.45	$ 35.75	$ 52.20	$ 10.73	$ 32.18	$ 53.63	$ 78.29	$ 14.30	$ 42.90	$ 71.50	$ 104.39
Sub-Total	$ -	$ 6.98	$ 20.93	$ 34.88	$ 50.92	$ 13.95	$ 41.85	$ 69.75	$ 101.84	$ 20.93	$ 62.78	$ 104.63	$ 152.75	$ 27.90	$ 83.70	$ 139.50	$ 203.67
DSIC Charge @ 0.284 %	$ 0.24	$ 0.29	$ 0.38	$ 0.48	$ 0.59	$ 0.53	$ 0.72	$ 0.91	$ 1.13	$ 0.76	$ 1.05	$ 1.34	$ 1.68	$ 1.00	$ 1.39	$ 1.77	$ 2.22
PTC Charge																	
All kWh @ $0.07547 /kWh	$ -	$ 188.68	$ 566.03	$ 943.38	$ 1,377.33	$ 377.35	$ 1,132.05	$ 1,886.75	$ 2,754.66	$ 566.03	$ 1,698.08	$ 2,830.13	$ 4,131.98	$ 754.70	$ 2,264.10	$ 3,773.50	$ 5,509.31
Sub Total	$ 83.67	$ 289.95	$ 701.25	$ 1,112.55	$ 1,585.55	$ 562.48	$ 1,385.08	$ 2,207.68	$ 3,153.67	$ 835.01	$ 2,068.91	$ 3,302.81	$ 4,721.80	$ 1,107.55	$ 2,752.75	$ 4,397.95	$ 6,289.93
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 83.67	$ 289.95	$ 701.25	$ 1,112.55	$ 1,585.55	$ 562.48	$ 1,385.08	$ 2,207.68	$ 3,153.67	$ 835.01	$ 2,068.91	$ 3,302.81	$ 4,721.80	$ 1,107.55	$ 2,752.75	$ 4,397.95	$ 6,289.93

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05
All kW @ $3.02/kW	$ 75.50	$ 75.50	$ 75.50	$ 75.50	$ 75.50	$ 151.00	$ 151.00	$ 151.00	$ 151.00	$ 226.50	$ 226.50	$ 226.50	$ 226.50	$ 302.00	$ 302.00	$ 302.00	$ 302.00
All rkVA @ $0.18 /rkVA	$ -	$ 0.63	$ 0.63	$ 0.63	$ 0.63	$ 1.26	$ 1.26	$ 1.26	$ 1.26	$ 1.89	$ 1.89	$ 1.89	$ 1.89	$ 2.53	$ 2.53	$ 2.53	$ 2.53
All kWh @ $0.00400 /kWh	$ -	$ 10.00	$ 30.00	$ 50.00	$ 73.00	$ 20.00	$ 60.00	$ 100.00	$ 146.00	$ 30.00	$ 90.00	$ 150.00	$ 219.00	$ 40.00	$ 120.00	$ 200.00	$ 292.00
Sub-Total	$ 94.55	$ 105.18	$ 125.18	$ 145.18	$ 168.18	$ 191.31	$ 231.31	$ 271.31	$ 317.31	$ 277.44	$ 337.44	$ 397.44	$ 466.44	$ 363.58	$ 443.58	$ 523.58	$ 615.58
Riders																	
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 3.40	$ 10.20	$ 17.00	$ 24.82	$ 6.80	$ 20.40	$ 34.00	$ 49.64	$ 10.20	$ 30.60	$ 51.00	$ 74.46	$ 13.60	$ 40.80	$ 68.00	$ 99.28
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.150 ¢/kWh	$ -	$ 3.75	$ 11.25	$ 18.75	$ 27.38	$ 7.50	$ 22.50	$ 37.50	$ 54.75	$ 11.25	$ 33.75	$ 56.25	$ 82.13	$ 15.00	$ 45.00	$ 75.00	$ 109.50
Sub-Total	$ -	$ 7.15	$ 21.45	$ 35.75	$ 52.20	$ 14.30	$ 42.90	$ 71.50	$ 104.39	$ 21.45	$ 64.35	$ 107.25	$ 156.59	$ 28.60	$ 85.80	$ 143.00	$ 208.78
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.07547 /kWh	$ -	$ 188.68	$ 566.03	$ 943.38	$ 1,377.33	$ 377.35	$ 1,132.05	$ 1,886.75	$ 2,754.66	$ 566.03	$ 1,698.08	$ 2,830.13	$ 4,131.98	$ 754.70	$ 2,264.10	$ 3,773.50	$ 5,509.31
Sub Total	$ 94.55	$ 301.01	$ 712.66	$ 1,124.31	$ 1,597.70	$ 582.96	$ 1,406.26	$ 2,229.56	$ 3,176.36	$ 864.92	$ 2,099.87	$ 3,334.82	$ 4,755.01	$ 1,146.88	$ 2,793.48	$ 4,440.08	$ 6,333.67
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 94.55	$ 301.01	$ 712.66	$ 1,124.31	$ 1,597.70	$ 582.96	$ 1,406.26	$ 2,229.56	$ 3,176.36	$ 864.92	$ 2,099.87	$ 3,334.82	$ 4,755.01	$ 1,146.88	$ 2,793.48	$ 4,440.08	$ 6,333.67
% Increase	13.00%	3.81%	1.63%	1.06%	0.77%	3.64%	1.53%	0.99%	0.72%	3.58%	1.50%	0.97%	0.70%	3.55%	1.48%	0.96%	0.70%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCNEDULE 30 - GENERAL PRIMARY POWER SERIVCE
With Demands 250 - 400 kW
At Average Levels of kWh Use

KW Demand															
Total kW	250	250	250	250	250	250	250	250	400	400	400	400	400	400	400
Hrs Use	0	100	200	300	400	500	600	730	100	200	300	400	500	600	730
REACTIVE DEMAND															
rkVA	0	35	35	35	35	35	35	35	56	56	56	56	56	56	56
ENERGY USAGE															
Monthly Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000
Total Energy Usage	0	25,000	50,000	75,000	100,000	125,000	150,000	182,500	40,000	80,000	120,000	160,000	200,000	240,000	292,000

UNBUNDLED RATES - CURRENT

Distribution															
Distribution Charge @ $17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42	$ 17.42
All kW @ $2.65/kW	$ 662.50	$ 662.50	$ 662.50	$ 662.50	$ 662.50	$ 662.50	$ 662.50	$ 662.50	$ 1,060.00	$ 1,060.00	$ 1,060.00	$ 1,060.00	$ 1,060.00	$ 1,060.00	$ 1,060.00
All rkVA @ $0.18 /rkVA	$ -	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11
All kWh @ $0.00400 /kWh	$ -	$ 100.00	$ 200.00	$ 300.00	$ 400.00	$ 500.00	$ 600.00	$ 730.00	$ 160.00	$ 320.00	$ 480.00	$ 640.00	$ 800.00	$ 960.00	$ 1,168.00
Sub-Total	$ 679.92	$ 786.24	$ 886.24	$ 986.24	$ 1,086.24	$ 1,186.24	$ 1,286.24	$ 1,416.24	$ 1,247.53	$ 1,407.53	$ 1,567.53	$ 1,727.53	$ 1,887.53	$ 2,047.53	$ 2,255.53
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 34.00	$ 68.00	$ 102.00	$ 136.00	$ 170.00	$ 204.00	$ 248.20	$ 54.40	$ 108.80	$ 163.20	$ 217.60	$ 272.00	$ 326.40	$ 397.12
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.143 ¢/kWh	$ -	$ 35.75	$ 71.50	$ 107.25	$ 143.00	$ 178.75	$ 214.50	$ 260.98	$ 57.20	$ 114.40	$ 171.60	$ 228.80	$ 286.00	$ 343.20	$ 417.56
Sub-Total	$ -	$ 69.75	$ 139.50	$ 209.25	$ 279.00	$ 348.75	$ 418.50	$ 509.18	$ 111.60	$ 223.20	$ 334.80	$ 446.40	$ 558.00	$ 669.60	$ 814.68
DSIC Charge @ 0.284 %	$ 1.93	$ 2.43	$ 2.91	$ 3.40	$ 3.88	$ 4.36	$ 4.84	$ 5.47	$ 3.86	$ 4.63	$ 5.40	$ 6.17	$ 6.95	$ 7.72	$ 8.72
PTC Charge															
All kWh @ $0.07547 /kWh	$ -	$ 1,886.75	$ 3,773.50	$ 5,660.25	$ 7,547.00	$ 9,433.75	$ 11,320.50	$ 13,773.28	$ 3,018.80	$ 6,037.60	$ 9,056.40	$ 12,075.20	$ 15,094.00	$ 18,112.80	$ 22,037.24
Sub Total	$ 681.85	$ 2,745.17	$ 4,802.15	$ 6,859.13	$ 8,916.11	$ 10,973.10	$ 13,030.08	$ 15,704.15	$ 4,381.79	$ 7,672.96	$ 10,964.13	$ 14,255.30	$ 17,546.47	$ 20,837.64	$ 25,116.17
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 681.85	$ 2,745.17	$ 4,802.15	$ 6,859.13	$ 8,916.11	$ 10,973.10	$ 13,030.08	$ 15,704.15	$ 4,381.79	$ 7,672.96	$ 10,964.13	$ 14,255.30	$ 17,546.47	$ 20,837.64	$ 25,116.17

UNBUNDLED RATES - PROPOSED

Distribution															
Distribution Charge @ $19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05	$ 19.05
All kW @ $3.02/kW	$ 755.00	$ 755.00	$ 755.00	$ 755.00	$ 755.00	$ 755.00	$ 755.00	$ 755.00	$ 1,208.00	$ 1,208.00	$ 1,208.00	$ 1,208.00	$ 1,208.00	$ 1,208.00	$ 1,208.00
All rkVA @ $0.18 /rkVA	$ -	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 6.32	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11	$ 10.11
All kWh @ $0.00400 /kWh	$ -	$ 100.00	$ 200.00	$ 300.00	$ 400.00	$ 500.00	$ 600.00	$ 730.00	$ 160.00	$ 320.00	$ 480.00	$ 640.00	$ 800.00	$ 960.00	$ 1,168.00
Sub-Total	$ 774.05	$ 880.37	$ 980.37	$ 1,080.37	$ 1,180.37	$ 1,280.37	$ 1,380.37	$ 1,510.37	$ 1,397.16	$ 1,557.16	$ 1,717.16	$ 1,877.16	$ 2,037.16	$ 2,197.16	$ 2,405.16
Riders															
Phase II Energy Efficiency Charge @ 0.136 ¢/kWh	$ -	$ 34.00	$ 68.00	$ 102.00	$ 136.00	$ 170.00	$ 204.00	$ 248.20	$ 54.40	$ 108.80	$ 163.20	$ 217.60	$ 272.00	$ 326.40	$ 397.12
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ 0.150 ¢/kWh	$ -	$ 37.50	$ 75.00	$ 112.50	$ 150.00	$ 187.50	$ 225.00	$ 273.75	$ 60.00	$ 120.00	$ 180.00	$ 240.00	$ 300.00	$ 360.00	$ 438.00
Sub-Total	$ -	$ 71.50	$ 143.00	$ 214.50	$ 286.00	$ 357.50	$ 429.00	$ 521.95	$ 114.40	$ 228.80	$ 343.20	$ 457.60	$ 572.00	$ 686.40	$ 835.12
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge															
All kWh @ $0.07547 /kWh	$ -	$ 1,886.75	$ 3,773.50	$ 5,660.25	$ 7,547.00	$ 9,433.75	$ 11,320.50	$ 13,773.28	$ 3,018.80	$ 6,037.60	$ 9,056.40	$ 12,075.20	$ 15,094.00	$ 18,112.80	$ 22,037.24
Sub Total	$ 774.05	$ 2,838.62	$ 4,896.87	$ 6,955.12	$ 9,013.37	$ 11,071.62	$ 13,129.87	$ 15,805.59	$ 4,530.36	$ 7,823.56	$ 11,116.76	$ 14,409.96	$ 17,703.16	$ 20,996.36	$ 25,277.52
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 774.05	$ 2,838.62	$ 4,896.87	$ 6,955.12	$ 9,013.37	$ 11,071.62	$ 13,129.87	$ 15,805.59	$ 4,530.36	$ 7,823.56	$ 11,116.76	$ 14,409.96	$ 17,703.16	$ 20,996.36	$ 25,277.52
% Increase	13.52%	3.40%	1.97%	1.40%	1.09%	0.90%	0.77%	0.65%	3.39%	1.96%	1.39%	1.08%	0.89%	0.76%	0.64%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 35 - GENERAL PRIMARY POWER SERVICE
With Demands 500 - 1,000 kW
At Average Levels of kWh Use

KW Demand																
Total kW	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Hrs Use	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
REACTIVE DEMAND																
rkVA	0	501	501	501	501	501	751	751	751	751	751	1,001	1,001	1,001	1,001	1,001
ENERGY USAGE																
Monthly Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000
Total Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000

UNBUNDLED RATES - CURRENT

Distribution																
Distribution Charge @ $137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93
All kW @ $3.84/kW	$ 1,920.00	$ 1,920.00	$ 1,920.00	$ 1,920.00	$ 1,920.00	$ 1,920.00	$ 2,880.00	$ 2,880.00	$ 2,880.00	$ 2,880.00	$ 2,880.00	$ 3,840.00	$ 3,840.00	$ 3,840.00	$ 3,840.00	$ 3,840.00
All rkVA @ $0.18 /rkVA	$ -	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10
Sub-Total	$ 2,057.93	$ 2,148.03	$ 2,148.03	$ 2,148.03	$ 2,148.03	$ 2,148.03	$ 3,153.03	$ 3,153.03	$ 3,153.03	$ 3,153.03	$ 3,153.03	$ 4,158.03	$ 4,158.03	$ 4,158.03	$ 4,158.03	$ 4,158.03
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.284 %	$ 7.00	$ 7.26	$ 7.26	$ 7.26	$ 7.26	$ 7.26	$ 10.69	$ 10.69	$ 10.69	$ 10.69	$ 10.69	$ 14.12	$ 14.12	$ 14.12	$ 14.12	$ 14.12
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 5,671.00	$ 8,506.50	$ 11,342.00	$ 14,177.50	$ 20,699.15	$ 8,506.50	$ 12,759.75	$ 17,013.00	$ 21,266.25	$ 31,048.73	$ 11,342.00	$ 17,013.00	$ 22,684.00	$ 28,355.00	$ 41,398.30
Sub Total	$ 2,472.43	$ 8,233.79	$ 11,069.29	$ 13,904.79	$ 16,740.29	$ 23,261.94	$ 12,281.47	$ 16,534.72	$ 20,787.97	$ 25,041.22	$ 34,823.70	$ 16,329.15	$ 22,000.15	$ 27,671.15	$ 33,342.15	$ 46,385.45
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 2,472.43	$ 8,233.79	$ 11,069.29	$ 13,904.79	$ 16,740.29	$ 23,261.94	$ 12,281.47	$ 16,534.72	$ 20,787.97	$ 25,041.22	$ 34,823.70	$ 16,329.15	$ 22,000.15	$ 27,671.15	$ 33,342.15	$ 46,385.45

UNBUNDLED RATES - PROPOSED

Distribution																
Distribution Charge @ $146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87
All kW @ $4.09/kW	$ 2,045.00	$ 2,045.00	$ 2,045.00	$ 2,045.00	$ 2,045.00	$ 2,045.00	$ 3,067.50	$ 3,067.50	$ 3,067.50	$ 3,067.50	$ 3,067.50	$ 4,090.00	$ 4,090.00	$ 4,090.00	$ 4,090.00	$ 4,090.00
All rkVA @ $0.18 /rkVA	$ -	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10
Sub-Total	$ 2,191.87	$ 2,281.97	$ 2,281.97	$ 2,281.97	$ 2,281.97	$ 2,281.97	$ 3,349.47	$ 3,349.47	$ 3,349.47	$ 3,349.47	$ 3,349.47	$ 4,416.97	$ 4,416.97	$ 4,416.97	$ 4,416.97	$ 4,416.97
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 5,671.00	$ 8,506.50	$ 11,342.00	$ 14,177.50	$ 20,699.15	$ 8,506.50	$ 12,759.75	$ 17,013.00	$ 21,266.25	$ 31,048.73	$ 11,342.00	$ 17,013.00	$ 22,684.00	$ 28,355.00	$ 41,398.30
Sub Total	$ 2,599.37	$ 8,360.47	$ 11,195.97	$ 14,031.47	$ 16,866.97	$ 23,388.62	$ 12,467.22	$ 16,720.47	$ 20,873.72	$ 25,226.97	$ 35,009.45	$ 16,573.97	$ 22,244.97	$ 27,915.97	$ 33,586.97	$ 46,630.27
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 2,599.37	$ 8,360.47	$ 11,195.97	$ 14,031.47	$ 16,866.97	$ 23,388.62	$ 12,467.22	$ 16,720.47	$ 20,873.72	$ 25,226.97	$ 35,009.45	$ 16,573.97	$ 22,244.97	$ 27,915.97	$ 33,586.97	$ 46,630.27
% Increase	5.13%	1.54%	1.14%	0.91%	0.76%	0.54%	1.51%	1.12%	0.89%	0.74%	0.53%	1.50%	1.11%	0.86%	0.73%	0.53%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCNEDULE 35 - GENERAL PRIMARY POWER SERIVCE
With Demands 1,500 - 3,000 kW
At Average Levels of kWh Use

KW Demand																
Total kW	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000
Hrs Use	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
REACTIVE DEMAND																
rkVA	0	1,501	1,501	1,501	1,501	2,001	2,001	2,001	2,001	2,501	2,501	2,501	2,501	3,001	3,001	3,001
ENERGY USAGE																
Monthly Energy Usage	0	300,000	450,000	600,000	750,000	1,460,000	400,000	600,000	800,000	1,250,000	1,825,000	500,000	750,000	1,200,000	1,500,000	2,190,000
Total Energy Usage	0	300,000	450,000	600,000	750,000	1,460,000	400,000	600,000	800,000	1,250,000	1,825,000	500,000	750,000	1,200,000	1,500,000	2,190,000

UNBUNDLED RATES - CURRENT

Distribution																
Distribution Charge @ $137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93
All kW @ $3.84/kW	$ 5,760.00	$ 5,760.00	$ 5,760.00	$ 5,760.00	$ 5,760.00	$ 7,680.00	$ 7,680.00	$ 7,680.00	$ 7,680.00	$ 9,600.00	$ 9,600.00	$ 9,600.00	$ 9,600.00	$ 11,520.00	$ 11,520.00	$ 11,520.00
All rkVA @ $0.18 /rkVA	$ -	$ 270.10	$ 270.10	$ 270.10	$ 270.10	$ 360.10	$ 360.10	$ 360.10	$ 360.10	$ 450.10	$ 450.10	$ 450.10	$ 450.10	$ 540.10	$ 540.10	$ 540.10
Sub-Total	$ 5,897.93	$ 6,168.03	$ 6,168.03	$ 6,168.03	$ 6,168.03	$ 8,178.03	$ 8,178.03	$ 8,178.03	$ 8,178.03	$ 10,188.03	$ 10,188.03	$ 10,188.03	$ 10,188.03	$ 12,198.03	$ 12,198.03	$ 12,198.03
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.284 %	$ 20.22	$ 20.99	$ 20.99	$ 20.99	$ 20.99	$ 27.85	$ 27.85	$ 27.85	$ 27.85	$ 34.72	$ 34.72	$ 34.72	$ 34.72	$ 41.59	$ 41.59	$ 41.59
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 17,013.00	$ 25,519.50	$ 34,026.00	$ 42,532.50	$ 82,796.60	$ 22,684.00	$ 34,026.00	$ 45,368.00	$ 70,887.50	$ 103,495.75	$ 28,355.00	$ 42,532.50	$ 68,052.00	$ 85,065.00	$ 124,194.90
Sub Total	$ 7,140.65	$ 24,424.52	$ 32,931.02	$ 41,437.52	$ 49,944.02	$ 92,632.48	$ 32,519.88	$ 43,861.88	$ 55,203.88	$ 83,147.75	$ 115,756.00	$ 40,615.25	$ 54,792.75	$ 82,736.62	$ 99,749.62	$ 138,879.52
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 7,140.65	$ 24,424.52	$ 32,931.02	$ 41,437.52	$ 49,944.02	$ 82,632.48	$ 32,519.88	$ 43,861.88	$ 55,203.88	$ 83,147.75	$ 115,756.00	$ 40,615.25	$ 54,792.75	$ 82,736.62	$ 99,749.62	$ 138,879.52

UNBUNDLED RATES - PROPOSED

Distribution																
Distribution Charge @ $146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87
All kW @ $4.09/kW	$ 6,135.00	$ 6,135.00	$ 6,135.00	$ 6,135.00	$ 6,135.00	$ 8,180.00	$ 8,180.00	$ 8,180.00	$ 8,180.00	$ 10,225.00	$ 10,225.00	$ 10,225.00	$ 10,225.00	$ 12,270.00	$ 12,270.00	$ 12,270.00
All rkVA @ $0.18 /rkVA	$ -	$ 270.10	$ 270.10	$ 270.10	$ 270.10	$ 360.10	$ 360.10	$ 360.10	$ 360.10	$ 450.10	$ 450.10	$ 450.10	$ 450.10	$ 540.10	$ 540.10	$ 540.10
Sub-Total	$ 6,281.87	$ 6,551.97	$ 6,551.97	$ 6,551.97	$ 6,551.97	$ 8,686.97	$ 8,686.97	$ 8,686.97	$ 8,686.97	$ 10,821.97	$ 10,821.97	$ 10,821.97	$ 10,821.97	$ 12,956.97	$ 12,956.97	$ 12,956.97
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 17,013.00	$ 25,519.50	$ 34,026.00	$ 42,532.50	$ 82,796.60	$ 22,684.00	$ 34,026.00	$ 45,368.00	$ 70,887.50	$ 103,495.75	$ 28,355.00	$ 42,532.50	$ 68,052.00	$ 85,065.00	$ 124,194.90
Sub Total	$ 7,504.37	$ 24,787.47	$ 33,293.97	$ 41,800.47	$ 50,306.97	$ 93,113.57	$ 33,000.97	$ 44,342.97	$ 55,684.97	$ 83,746.97	$ 116,355.22	$ 41,214.47	$ 55,391.97	$ 83,453.97	$ 100,466.97	$ 139,596.87
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 7,504.37	$ 24,787.47	$ 33,293.97	$ 41,800.47	$ 50,306.97	$ 93,113.57	$ 33,000.97	$ 44,342.97	$ 55,684.97	$ 83,746.97	$ 116,355.22	$ 41,214.47	$ 55,391.97	$ 83,453.97	$ 100,466.97	$ 139,596.87
% Increase	5.09%	1.49%	1.10%	0.88%	0.73%	0.52%	1.48%	1.10%	0.87%	0.72%	0.52%	1.48%	1.09%	0.87%	0.72%	0.52%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 35 - GENERAL PRIMARY POWER SERIVCE VOLTAGE DISCOUNT
With Demands 500 - 1,000 kW
At Average Levels of kWh Use

KW Demand																
Total kW	500	500	500	500	500	500	750	750	750	750	750	1,000	1,000	1,000	1,000	1,000
Hrs Use	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
REACTIVE DEMAND																
rkVA	0	501	501	501	501	501	751	751	751	751	751	1,001	1,001	1,001	1,001	1,001
ENERGY USAGE																
Monthly Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000
Total Energy Usage	0	100,000	150,000	200,000	250,000	365,000	150,000	225,000	300,000	375,000	547,500	200,000	300,000	400,000	500,000	730,000

UNBUNDLED RATES - CURRENT

Distribution																
Distribution Charge @ $137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93
All kW @ $2.64/kW	$ 1,320.00	$ 1,320.00	$ 1,320.00	$ 1,320.00	$ 1,320.00	$ 1,320.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 2,640.00	$ 2,640.00	$ 2,640.00	$ 2,640.00	$ 2,640.00
All rkVA @ $0.18 /rkVA	$ -	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10
Sub-Total	$ 1,457.93	$ 1,548.03	$ 1,548.03	$ 1,548.03	$ 1,548.03	$ 1,548.03	$ 2,253.03	$ 2,253.03	$ 2,253.03	$ 2,253.03	$ 2,253.03	$ 2,958.03	$ 2,958.03	$ 2,958.03	$ 2,958.03	$ 2,958.03
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00	$ 815.00
OSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 5,671.00	$ 8,506.50	$ 11,342.00	$ 14,177.50	$ 20,699.15	$ 8,506.50	$ 12,759.75	$ 17,013.00	$ 21,266.25	$ 31,048.73	$ 11,342.00	$ 17,013.00	$ 22,684.00	$ 28,355.00	$ 41,398.30
Sub Total	$ 1,865.43	$ 7,626.53	$ 10,462.03	$ 13,297.53	$ 16,133.03	$ 22,654.68	$ 11,370.78	$ 15,624.03	$ 19,877.28	$ 24,130.53	$ 33,913.01	$ 15,115.03	$ 20,786.03	$ 26,457.03	$ 32,128.03	$ 45,171.33
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 1,865.43	$ 7,626.53	$ 10,462.03	$ 13,297.53	$ 16,133.03	$ 22,654.68	$ 11,370.78	$ 15,624.03	$ 19,877.28	$ 24,130.53	$ 33,913.01	$ 15,115.03	$ 20,786.03	$ 26,457.03	$ 32,128.03	$ 45,171.33

UNBUNDLED RATES - PROPOSED

Distribution																
Distribution Charge @ $146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87
All kW @ $2.86/kW	$ 1,430.00	$ 1,430.00	$ 1,430.00	$ 1,430.00	$ 1,430.00	$ 1,430.00	$ 2,145.00	$ 2,145.00	$ 2,145.00	$ 2,145.00	$ 2,145.00	$ 2,860.00	$ 2,860.00	$ 2,860.00	$ 2,860.00	$ 2,860.00
All rkVA @ $0.18 /rkVA	$ -	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 90.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 135.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10	$ 180.10
Sub-Total	$ 1,576.87	$ 1,666.97	$ 1,666.97	$ 1,666.97	$ 1,666.97	$ 1,666.97	$ 2,426.97	$ 2,426.97	$ 2,426.97	$ 2,426.97	$ 2,426.97	$ 3,186.97	$ 3,186.97	$ 3,186.97	$ 3,186.97	$ 3,186.97
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 5,671.00	$ 8,506.50	$ 11,342.00	$ 14,177.50	$ 20,699.15	$ 8,506.50	$ 12,759.75	$ 17,013.00	$ 21,266.25	$ 31,048.73	$ 11,342.00	$ 17,013.00	$ 22,684.00	$ 28,355.00	$ 41,398.30
Sub Total	$ 1,984.37	$ 7,745.47	$ 10,580.97	$ 13,416.47	$ 16,251.97	$ 22,773.62	$ 11,544.72	$ 15,797.97	$ 20,051.22	$ 24,304.47	$ 34,086.95	$ 15,343.97	$ 21,014.97	$ 26,685.97	$ 32,356.97	$ 45,400.27
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 1,984.37	$ 7,745.47	$ 10,580.87	$ 13,416.47	$ 16,251.97	$ 22,773.62	$ 11,544.72	$ 15,797.97	$ 20,051.22	$ 24,304.47	$ 34,086.95	$ 15,343.87	$ 21,014.87	$ 26,685.97	$ 32,356.97	$ 45,400.27
% Increase	6.38%	1.56%	1.14%	0.89%	0.74%	0.53%	1.53%	1.11%	0.88%	0.72%	0.51%	1.51%	1.10%	0.87%	0.71%	0.51%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 35 - GENERAL PRIMARY POWER SERIVCE VOLTAGE DISCOUNT
With Demands 1,500 - 3,000 kW
At Average Levels of kWh Use

KW Demand	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000
Total kW	0	200	300	400	500	730	200	300	400	500	730	200	300	400	500	730
Hrs Use																
REACTIVE DEMAND																
rkVA	0	1,501	1,501	1,501	1,501	2,001	2,001	2,001	2,001	2,501	2,501	2,501	2,501	3,001	3,001	3,001
ENERGY USAGE																
Monthly Energy Usage	0	300,000	450,000	600,000	750,000	1,460,000	400,000	600,000	800,000	1,250,000	1,825,000	500,000	750,000	1,200,000	1,500,000	2,190,000
Total Energy Usage	0	300,000	450,000	600,000	750,000	1,460,000	400,000	600,000	800,000	1,250,000	1,825,000	500,000	750,000	1,200,000	1,500,000	2,190,000
UNBUNDLED RATES - CURRENT																
Distribution																
Distribution Charge @ $137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93	$ 137.93
All kW @ $2.64/kW	$ 3,960.00	$ 3,960.00	$ 3,960.00	$ 3,960.00	$ 3,960.00	$ 5,280.00	$ 5,280.00	$ 5,280.00	$ 5,280.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 7,920.00	$ 7,920.00	$ 7,920.00
All rkVA @ $0.18 /rkVA	$ -	$ 270.10	$ 270.10	$ 270.10	$ 270.10	$ 360.10	$ 360.10	$ 360.10	$ 360.10	$ 450.10	$ 450.10	$ 450.10	$ 450.10	$ 540.10	$ 540.10	$ 540.10
Sub-Total	$ 4,097.93	$ 4,368.03	$ 4,368.03	$ 4,368.03	$ 4,368.03	$ 5,778.03	$ 5,778.03	$ 5,778.03	$ 5,778.03	$ 7,188.03	$ 7,188.03	$ 7,188.03	$ 7,188.03	$ 8,598.03	$ 8,598.03	$ 8,598.03
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 560.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 17,013.00	$ 25,519.50	$ 34,026.00	$ 42,532.50	$ 82,796.60	$ 22,684.00	$ 34,026.00	$ 45,368.00	$ 70,887.50	$ 103,495.75	$ 28,355.00	$ 42,532.50	$ 68,052.00	$ 85,065.00	$ 124,194.90
Sub Total	$ 5,320.43	$ 22,603.53	$ 31,110.03	$ 39,616.53	$ 48,123.03	$ 90,204.63	$ 30,092.03	$ 41,434.03	$ 52,776.03	$ 80,113.03	$ 112,721.28	$ 37,580.53	$ 51,758.03	$ 79,095.03	$ 96,108.03	$ 135,237.93
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 5,320.43	$ 22,603.53	$ 31,110.03	$ 39,616.53	$ 48,123.03	$ 90,204.63	$ 30,092.03	$ 41,434.03	$ 52,776.03	$ 80,113.03	$ 112,721.28	$ 37,580.53	$ 51,758.03	$ 79,095.03	$ 96,108.03	$ 135,237.93
UNBUNOLED RATES - PROPOSEO																
Distribution																
Distribution Charge @ $146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87	$ 146.87
All kW @ $2.86/kW	$ 4,290.00	$ 4,290.00	$ 4,290.00	$ 4,290.00	$ 4,290.00	$ 5,720.00	$ 5,720.00	$ 5,720.00	$ 5,720.00	$ 7,150.00	$ 7,150.00	$ 7,150.00	$ 7,150.00	$ 8,580.00	$ 8,580.00	$ 8,580.00
All rkVA @ $0.18 /rkVA	$ -	$ 270.10	$ 270.10	$ 270.10	$ 270.10	$ 360.10	$ 360.10	$ 360.10	$ 360.10	$ 450.10	$ 450.10	$ 450.10	$ 450.10	$ 540.10	$ 540.10	$ 540.10
Sub-Total	$ 4,436.87	$ 4,706.97	$ 4,706.97	$ 4,706.97	$ 4,706.97	$ 6,226.97	$ 6,226.97	$ 6,226.97	$ 6,226.97	$ 7,746.97	$ 7,746.97	$ 7,746.97	$ 7,746.97	$ 9,266.97	$ 9,266.97	$ 9,266.97
Riders																
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																
All kWh @ $0.05671 /kWh	$ -	$ 17,013.00	$ 25,519.50	$ 34,026.00	$ 42,532.50	$ 82,796.60	$ 22,684.00	$ 34,026.00	$ 45,368.00	$ 70,887.50	$ 103,495.75	$ 28,355.00	$ 42,532.50	$ 68,052.00	$ 85,065.00	$ 124,194.90
Sub Total	$ 5,659.37	$ 22,942.47	$ 31,448.97	$ 39,955.47	$ 48,461.97	$ 90,853.57	$ 30,540.97	$ 41,882.97	$ 53,224.97	$ 80,671.97	$ 113,280.22	$ 38,139.47	$ 52,316.97	$ 79,763.97	$ 96,776.97	$ 135,906.87
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 5,659.37	$ 22,942.47	$ 31,448.97	$ 39,955.47	$ 48,461.87	$ 90,653.57	$ 30,540.97	$ 41,882.97	$ 53,224.97	$ 80,671.97	$ 113,280.22	$ 38,138.47	$ 52,316.97	$ 79,763.97	$ 96,776.97	$ 135,806.87
% Increase	6.37%	1.50%	1.09%	0.86%	0.70%	0.50%	1.49%	1.08%	0.85%	0.70%	0.50%	1.49%	1.08%	0.85%	0.70%	0.49%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE
With Demands 25-150 KW
At Average Levels of kWh Use

KW Demand	25	25	25	25	25	50	50	50	50	100	100	100	100	150	150	150	150
Total kW	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
Hrs Use																	
REACTIVE DEMAND	0	5	5	5	5	11	11	11	11	22	22	22	22	32	32	32	32
rkVA																	
ENERGY USAGE	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500
Monthly Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500
Total Energy Usage																	

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.54/kW	$ 13.50	$ 13.50	$ 13.50	$ 13.50	$ 13.50	$ 27.00	$ 27.00	$ 27.00	$ 27.00	$ 54.00	$ 54.00	$ 54.00	$ 54.00	$ 81.00	$ 81.00	$ 81.00	$ 81.00
All rkVA @ $0.18 /rkVA	$ -	$ 0.97	$ 0.97	$ 0.97	$ 0.97	$ 1.94	$ 1.94	$ 1.94	$ 1.94	$ 3.87	$ 3.87	$ 3.87	$ 3.87	$ 5.81	$ 5.81	$ 5.81	$ 5.81
Sub-Total	$ 566.80	$ 567.77	$ 567.77	$ 567.77	$ 567.77	$ 582.24	$ 582.24	$ 582.24	$ 582.24	$ 611.17	$ 611.17	$ 611.17	$ 611.17	$ 640.11	$ 640.11	$ 640.11	$ 640.11
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 22.00	$ 22.00	$ 22.00	$ 22.00	$ 33.00	$ 33.00	$ 33.00	$ 33.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 29.75	$ 29.75	$ 29.75	$ 29.75	$ 59.50	$ 59.50	$ 59.50	$ 59.50	$ 89.25	$ 89.25	$ 89.25	$ 89.25
Sub-Total	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 40.75	$ 40.75	$ 40.75	$ 40.75	$ 81.50	$ 81.50	$ 81.50	$ 81.50	$ 122.25	$ 122.25	$ 122.25	$ 122.25
DSIC Charge @ 0.284 %	$ 1.67	$ 1.67	$ 1.67	$ 1.67	$ 1.67	$ 1.77	$ 1.77	$ 1.77	$ 1.77	$ 1.97	$ 1.97	$ 1.97	$ 1.97	$ 2.17	$ 2.17	$ 2.17	$ 2.17
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 136.03	$ 408.08	$ 680.13	$ 992.98	$ 272.05	$ 816.15	$ 1,360.25	$ 1,985.97	$ 544.10	$ 1,632.30	$ 2,720.50	$ 3,971.93	$ 816.15	$ 2,448.45	$ 4,080.75	$ 5,957.90
Sub Total	$ 588.84	$ 725.84	$ 997.89	$ 1,269.94	$ 1,582.80	$ 896.81	$ 1,440.91	$ 1,985.01	$ 2,610.72	$ 1,238.74	$ 2,326.94	$ 3,415.14	$ 4,666.57	$ 1,580.67	$ 3,212.97	$ 4,845.27	$ 6,722.42
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 588.84	$ 725.84	$ 997.89	$ 1,269.94	$ 1,582.80	$ 896.81	$ 1,440.91	$ 1,985.01	$ 2,610.72	$ 1,238.74	$ 2,326.94	$ 3,415.14	$ 4,666.57	$ 1,580.67	$ 3,212.97	$ 4,845.27	$ 6,722.42

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.74/kW	$ 18.50	$ 18.50	$ 18.50	$ 18.50	$ 18.50	$ 37.00	$ 37.00	$ 37.00	$ 37.00	$ 74.00	$ 74.00	$ 74.00	$ 74.00	$ 111.00	$ 111.00	$ 111.00	$ 111.00
All rkVA @ $0.18 /rkVA	$ -	$ 0.97	$ 0.97	$ 0.97	$ 0.97	$ 1.94	$ 1.94	$ 1.94	$ 1.94	$ 3.87	$ 3.87	$ 3.87	$ 3.87	$ 5.81	$ 5.81	$ 5.81	$ 5.81
Sub-Total	$ 763.08	$ 764.05	$ 764.05	$ 764.05	$ 764.05	$ 783.52	$ 783.52	$ 783.52	$ 783.52	$ 822.45	$ 822.45	$ 822.45	$ 822.45	$ 861.39	$ 861.39	$ 861.39	$ 861.39
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 22.00	$ 22.00	$ 22.00	$ 22.00	$ 33.00	$ 33.00	$ 33.00	$ 33.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 29.75	$ 29.75	$ 29.75	$ 29.75	$ 59.50	$ 59.50	$ 59.50	$ 59.50	$ 89.25	$ 89.25	$ 89.25	$ 89.25
Sub-Total	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 40.75	$ 40.75	$ 40.75	$ 40.75	$ 81.50	$ 81.50	$ 81.50	$ 81.50	$ 122.25	$ 122.25	$ 122.25	$ 122.25
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 136.03	$ 408.08	$ 680.13	$ 992.98	$ 272.05	$ 816.15	$ 1,360.25	$ 1,985.97	$ 544.10	$ 1,632.30	$ 2,720.50	$ 3,971.93	$ 816.15	$ 2,448.45	$ 4,080.75	$ 5,957.90
Sub Total	$ 783.46	$ 920.45	$ 1,192.50	$ 1,464.55	$ 1,777.41	$ 1,096.32	$ 1,640.42	$ 2,184.52	$ 2,810.23	$ 1,448.05	$ 2,536.25	$ 3,624.45	$ 4,875.88	$ 1,799.79	$ 3,432.09	$ 5,064.39	$ 6,941.53
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 783.46	$ 920.45	$ 1,192.50	$ 1,464.55	$ 1,777.41	$ 1,096.32	$ 1,640.42	$ 2,184.52	$ 2,810.23	$ 1,448.05	$ 2,536.25	$ 3,624.45	$ 4,875.88	$ 1,799.79	$ 3,432.09	$ 5,064.39	$ 6,941.53
% Increase	33.05%	26.81%	19.50%	15.32%	12.30%	22.25%	13.85%	10.05%	7.64%	16.90%	9.00%	6.13%	4.49%	13.86%	6.82%	4.52%	3.26%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE
With Demands 250-1,000 KW
At Average Levels of kWh Use

KW Demand																	
Total kW	250	250	250	250	250	500	500	500	500	750	750	750	750	1,000	1,000	1,000	1,000
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	0	54	54	54	54	108	108	108	108	161	161	161	161	215	215	215	215
ENERGY USAGE																	
Monthly Energy Usage	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000
Total Energy Usage	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000
UNBUNDLED RATES - CURRENT																	
Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.54/kW	$ 135.00	$ 135.00	$ 135.00	$ 135.00	$ 135.00	$ 270.00	$ 270.00	$ 270.00	$ 270.00	$ 405.00	$ 405.00	$ 405.00	$ 405.00	$ 540.00	$ 540.00	$ 540.00	$ 540.00
All rkVA @ $0.18 /rkVA	$ -	$ 9.68	$ 9.68	$ 9.68	$ 9.68	$ 19.36	$ 19.36	$ 19.36	$ 19.36	$ 29.04	$ 29.04	$ 29.04	$ 29.04	$ 38.72	$ 38.72	$ 38.72	$ 38.72
Sub-Total	$ 688.30	$ 697.98	$ 697.98	$ 697.98	$ 697.98	$ 842.66	$ 842.66	$ 842.66	$ 842.66	$ 987.34	$ 987.34	$ 987.34	$ 987.34	$ 1,132.02	$ 1,132.02	$ 1,132.02	$ 1,132.02
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPI	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.284 %	$ 2.53	$ 2.56	$ 2.56	$ 2.56	$ 2.56	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 4.54	$ 4.54	$ 4.54	$ 4.54	$ 5.53	$ 5.53	$ 5.53	$ 5.53
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 1,360.25	$ 4,080.75	$ 6,801.25	$ 9,929.83	$ 2,720.50	$ 8,161.50	$ 13,602.50	$ 19,859.65	$ 4,080.75	$ 12,242.25	$ 20,403.75	$ 29,789.48	$ 5,441.00	$ 16,323.00	$ 27,205.00	$ 39,719.30
Sub Total	$ 894.58	$ 2,264.54	$ 4,985.04	$ 7,705.54	$ 10,834.12	$ 3,974.21	$ 9,415.21	$ 14,856.21	$ 21,113.36	$ 5,683.88	$ 13,845.38	$ 22,006.88	$ 31,392.61	$ 7,393.55	$ 18,275.55	$ 29,157.55	$ 41,671.85
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 894.58	$ 2,264.54	$ 4,985.04	$ 7,705.54	$ 10,834.12	$ 3,974.21	$ 9,415.21	$ 14,856.21	$ 21,113.36	$ 5,683.88	$ 13,845.38	$ 22,006.88	$ 31,392.61	$ 7,393.55	$ 18,275.55	$ 29,157.55	$ 41,671.85
UNBUNDLED RATES - PROPOSED																	
Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.74/kW	$ 185.00	$ 185.00	$ 185.00	$ 185.00	$ 185.00	$ 370.00	$ 370.00	$ 370.00	$ 370.00	$ 555.00	$ 555.00	$ 555.00	$ 555.00	$ 740.00	$ 740.00	$ 740.00	$ 740.00
All rkVA @ $0.18 /rkVA	$ -	$ 9.68	$ 9.68	$ 9.68	$ 9.68	$ 19.36	$ 19.36	$ 19.36	$ 19.36	$ 29.04	$ 29.04	$ 29.04	$ 29.04	$ 38.72	$ 38.72	$ 38.72	$ 38.72
Sub-Total	$ 929.58	$ 939.26	$ 939.26	$ 939.26	$ 939.26	$ 1,133.94	$ 1,133.94	$ 1,133.94	$ 1,133.94	$ 1,328.62	$ 1,328.62	$ 1,328.62	$ 1,328.62	$ 1,523.30	$ 1,523.30	$ 1,523.30	$ 1,523.30
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 1,360.25	$ 4,080.75	$ 6,801.25	$ 9,929.83	$ 2,720.50	$ 8,161.50	$ 13,602.50	$ 19,859.65	$ 4,080.75	$ 12,242.25	$ 20,403.75	$ 29,789.48	$ 5,441.00	$ 16,323.00	$ 27,205.00	$ 39,719.30
Sub Total	$ 1,133.33	$ 2,503.26	$ 5,223.76	$ 7,944.26	$ 11,072.84	$ 4,261.94	$ 9,702.84	$ 15,143.94	$ 21,401.09	$ 6,020.62	$ 14,182.12	$ 22,343.62	$ 31,729.35	$ 7,779.30	$ 18,661.30	$ 29,543.30	$ 42,057.60
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 1,133.33	$ 2,503.26	$ 5,223.76	$ 7,944.26	$ 11,072.84	$ 4,261.94	$ 9,702.84	$ 15,143.94	$ 21,401.09	$ 6,020.62	$ 14,182.12	$ 22,343.62	$ 31,728.35	$ 7,778.30	$ 18,661.30	$ 29,543.30	$ 42,057.60
% Increase	26.69%	10.54%	4.79%	3.10%	2.20%	7.24%	3.06%	1.94%	1.36%	5.92%	2.43%	1.53%	1.07%	5.22%	2.11%	1.32%	0.93%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE
With Demands 1,500-3,000 KW
At Average Levels of kWh Use

KW Demand	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Total kW	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
Hrs Use																	
REACTIVE DEMAND																	
rkVA	0	323	323	323	323	430	430	430	430	538	538	538	538	845	645	645	645
ENERGY USAGE																	
Monthly Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000
Total Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000
UNBUNDLED RATES - CURRENT																	
Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.54/kW	$ 810.00	$ 810.00	$ 810.00	$ 810.00	$ 810.00	$ 1,080.00	$ 1,080.00	$ 1,080.00	$ 1,080.00	$ 1,350.00	$ 1,350.00	$ 1,350.00	$ 1,350.00	$ 1,620.00	$ 1,620.00	$ 1,620.00	$ 1,620.00
All rkVA @ $0.18 /rkVA	$ -	$ 58.08	$ 58.08	$ 58.08	$ 58.08	$ 77.45	$ 77.45	$ 77.45	$ 77.45	$ 96.81	$ 96.81	$ 96.81	$ 96.81	$ 116.17	$ 116.17	$ 116.17	$ 116.17
Sub-Total	$ 1,363.30	$ 1,421.38	$ 1,421.38	$ 1,421.38	$ 1,421.38	$ 1,710.75	$ 1,710.75	$ 1,710.75	$ 1,710.75	$ 2,000.11	$ 2,000.11	$ 2,000.11	$ 2,000.11	$ 2,289.47	$ 2,289.47	$ 2,289.47	$ 2,289.47
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 880.00	$ 880.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPI	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.284 %	$ 7.34	$ 7.51	$ 7.51	$ 7.51	$ 7.51	$ 9.49	$ 9.49	$ 9.49	$ 9.49	$ 11.47	$ 11.47	$ 11.47	$ 11.47	$ 13.45	$ 13.45	$ 13.45	$ 13.45
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 8,161.50	$ 24,484.50	$ 40,807.50	$ 59,578.95	$ 10,882.00	$ 32,646.00	$ 54,410.00	$ 79,438.60	$ 13,602.50	$ 40,807.50	$ 68,012.50	$ 99,298.25	$ 16,323.00	$ 48,969.00	$ 81,615.00	$ 119,157.90
Sub Total	$ 2,593.14	$ 10,812.89	$ 27,135.89	$ 43,458.89	$ 62,230.34	$ 14,232.23	$ 35,996.23	$ 57,780.23	$ 82,788.83	$ 17,651.57	$ 44,856.57	$ 72,061.57	$ 103,347.32	$ 21,070.91	$ 53,718.91	$ 86,362.91	$ 123,905.81
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 2,593.14	$ 10,812.89	$ 27,135.89	$ 43,458.89	$ 62,230.34	$ 14,232.23	$ 35,996.23	$ 57,780.23	$ 82,788.83	$ 17,651.57	$ 44,856.57	$ 72,061.57	$ 103,347.32	$ 21,070.91	$ 53,718.91	$ 86,362.91	$ 123,905.81
UNBUNDLED RATES - PROPOSED																	
Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.74/kW	$ 1,110.00	$ 1,110.00	$ 1,110.00	$ 1,110.00	$ 1,110.00	$ 1,480.00	$ 1,480.00	$ 1,480.00	$ 1,480.00	$ 1,850.00	$ 1,850.00	$ 1,850.00	$ 1,850.00	$ 2,220.00	$ 2,220.00	$ 2,220.00	$ 2,220.00
All rkVA @ $0.18 /rkVA	$ -	$ 58.08	$ 58.08	$ 58.08	$ 58.08	$ 77.45	$ 77.45	$ 77.45	$ 77.45	$ 96.81	$ 96.81	$ 96.81	$ 96.81	$ 116.17	$ 116.17	$ 116.17	$ 116.17
Sub-Total	$ 1,854.58	$ 1,912.66	$ 1,912.66	$ 1,912.66	$ 1,912.66	$ 2,302.03	$ 2,302.03	$ 2,302.03	$ 2,302.03	$ 2,691.39	$ 2,691.39	$ 2,691.39	$ 2,691.39	$ 3,080.75	$ 3,080.75	$ 3,080.75	$ 3,080.75
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 880.00	$ 880.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 8,161.50	$ 24,484.50	$ 40,807.50	$ 59,578.95	$ 10,882.00	$ 32,646.00	$ 54,410.00	$ 79,438.60	$ 13,602.50	$ 40,807.50	$ 68,012.50	$ 99,298.25	$ 16,323.00	$ 48,969.00	$ 81,615.00	$ 119,157.90
Sub Total	$ 3,077.08	$ 11,296.66	$ 27,619.66	$ 43,942.66	$ 62,714.11	$ 14,814.03	$ 36,578.03	$ 58,342.03	$ 83,370.63	$ 18,331.39	$ 45,536.39	$ 72,741.39	$ 104,027.14	$ 21,848.75	$ 54,494.75	$ 87,140.75	$ 124,883.85
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 3,077.08	$ 11,296.66	$ 27,619.66	$ 43,942.66	$ 62,714.11	$ 14,814.03	$ 36,578.03	$ 58,342.03	$ 83,370.63	$ 18,331.39	$ 45,536.39	$ 72,741.39	$ 104,027.14	$ 21,848.75	$ 54,494.75	$ 87,140.75	$ 124,883.85
% Increase	18.66%	4.47%	1.78%	1.11%	0.78%	4.09%	1.62%	1.01%	0.70%	3.85%	1.52%	0.94%	0.66%	3.89%	1.45%	0.90%	0.63%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE VOLTAGE DISCOUNT
With Demands 25-150 KW
At Average Levels of kWh Use

KW Demand	25	25	25	25	25	50	50	50	50	100	100	100	100	150	150	150	150
Total kW	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
Hrs Use																	
REACTIVE DEMAND																	
rkVA	0	5	5	5	5	11	11	11	11	22	22	22	22	32	32	32	32
ENERGY USAGE																	
Monthly Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500
Total Energy Usage	0	2,500	7,500	12,500	18,250	5,000	15,000	25,000	36,500	10,000	30,000	50,000	73,000	15,000	45,000	75,000	109,500

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.11/kW	$ 2.75	$ 2.75	$ 2.75	$ 2.75	$ 2.75	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 16.50	$ 16.50	$ 16.50	$ 16.50
All rkVA @ $0.18 /rkVA	$ -	$ 0.97	$ 0.97	$ 0.97	$ 0.97	$ 1.94	$ 1.94	$ 1.94	$ 1.94	$ 3.87	$ 3.87	$ 3.87	$ 3.87	$ 5.81	$ 5.81	$ 5.81	$ 5.81
Sub-Total	$ 556.05	$ 557.02	$ 557.02	$ 557.02	$ 557.02	$ 560.74	$ 560.74	$ 560.74	$ 560.74	$ 568.17	$ 568.17	$ 568.17	$ 568.17	$ 575.61	$ 575.61	$ 575.61	$ 575.61
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 22.00	$ 22.00	$ 22.00	$ 22.00	$ 33.00	$ 33.00	$ 33.00	$ 33.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 29.75	$ 29.75	$ 29.75	$ 29.75	$ 59.50	$ 59.50	$ 59.50	$ 59.50	$ 89.25	$ 89.25	$ 89.25	$ 89.25
Sub-Total	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 40.75	$ 40.75	$ 40.75	$ 40.75	$ 81.50	$ 81.50	$ 81.50	$ 81.50	$ 122.25	$ 122.25	$ 122.25	$ 122.25
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 136.03	$ 408.08	$ 680.13	$ 992.98	$ 272.05	$ 816.15	$ 1,360.25	$ 1,985.97	$ 544.10	$ 1,632.30	$ 2,720.50	$ 3,971.93	$ 816.15	$ 2,448.45	$ 4,080.75	$ 5,957.90
Sub Total	$ 576.43	$ 713.42	$ 985.47	$ 1,257.52	$ 1,570.38	$ 873.54	$ 1,417.64	$ 1,961.74	$ 2,587.45	$ 1,193.77	$ 2,281.97	$ 3,370.17	$ 4,621.60	$ 1,514.01	$ 3,146.31	$ 4,778.61	$ 6,655.75
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 576.43	$ 713.42	$ 985.47	$ 1,257.52	$ 1,570.38	$ 873.54	$ 1,417.64	$ 1,961.74	$ 2,587.45	$ 1,193.77	$ 2,281.97	$ 3,370.17	$ 4,621.60	$ 1,514.01	$ 3,146.31	$ 4,778.61	$ 6,655.75

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.15/kW	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 7.50	$ 7.50	$ 7.50	$ 7.50	$ 15.00	$ 15.00	$ 15.00	$ 15.00	$ 22.50	$ 22.50	$ 22.50	$ 22.50
All rkVA @ $0.18 /rkVA	$ -	$ 0.97	$ 0.97	$ 0.97	$ 0.97	$ 1.94	$ 1.94	$ 1.94	$ 1.94	$ 3.87	$ 3.87	$ 3.87	$ 3.87	$ 5.81	$ 5.81	$ 5.81	$ 5.81
Sub-Total	$ 748.33	$ 749.30	$ 749.30	$ 749.30	$ 749.30	$ 754.02	$ 754.02	$ 754.02	$ 754.02	$ 763.45	$ 763.45	$ 763.45	$ 763.45	$ 772.89	$ 772.89	$ 772.89	$ 772.89
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 5.50	$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 22.00	$ 22.00	$ 22.00	$ 22.00	$ 33.00	$ 33.00	$ 33.00	$ 33.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 14.88	$ 29.75	$ 29.75	$ 29.75	$ 29.75	$ 59.50	$ 59.50	$ 59.50	$ 59.50	$ 89.25	$ 89.25	$ 89.25	$ 89.25
Sub-Total	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 20.38	$ 40.75	$ 40.75	$ 40.75	$ 40.75	$ 81.50	$ 81.50	$ 81.50	$ 81.50	$ 122.25	$ 122.25	$ 122.25	$ 122.25
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 136.03	$ 408.08	$ 680.13	$ 992.98	$ 272.05	$ 816.15	$ 1,360.25	$ 1,985.97	$ 544.10	$ 1,632.30	$ 2,720.50	$ 3,971.93	$ 816.15	$ 2,448.45	$ 4,080.75	$ 5,957.90
Sub Total	$ 768.71	$ 905.70	$ 1,177.75	$ 1,449.80	$ 1,762.66	$ 1,066.82	$ 1,610.92	$ 2,155.02	$ 2,780.73	$ 1,389.05	$ 2,477.25	$ 3,565.45	$ 4,816.88	$ 1,711.29	$ 3,343.59	$ 4,975.89	$ 6,853.03
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 768.71	$ 905.70	$ 1,177.75	$ 1,449.80	$ 1,762.66	$ 1,066.82	$ 1,610.92	$ 2,155.02	$ 2,780.73	$ 1,389.05	$ 2,477.25	$ 3,565.45	$ 4,818.88	$ 1,711.28	$ 3,343.59	$ 4,875.88	$ 6,853.03
% Increase	33.36%	26.95%	19.51%	15.29%	12.24%	22.13%	13.63%	9.85%	7.47%	16.36%	8.56%	5.79%	4.23%	13.03%	6.27%	4.13%	2.96%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE VOLTAGE DISCOUNT
With Demands 250-1,000 KW
At Average Levels of kWh Use

KW Demand	250	250	250	250	250	500	500	500	500	750	750	750	750	1,000	1,000	1,000	1,000
Total kW	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
Hrs Use																	
REACTIVE DEMAND	0	54	54	54	54	108	108	108	108	161	161	161	161	215	215	215	215
rkVA																	
ENERGY USAGE	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000
Monthly Energy Usage	0	25,000	75,000	125,000	182,500	50,000	150,000	250,000	365,000	75,000	225,000	375,000	547,500	100,000	300,000	500,000	730,000
Total Energy Usage																	
UNBUNDLED RATES - CURRENT																	
Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.11/kW	$ 27.50	$ 27.50	$ 27.50	$ 27.50	$ 27.50	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 82.50	$ 82.50	$ 82.50	$ 82.50	$ 110.00	$ 110.00	$ 110.00	$ 110.00
All rkVA @ $0.18 /rkVA	$ -	$ 9.68	$ 9.68	$ 9.68	$ 9.68	$ 19.36	$ 19.36	$ 19.36	$ 19.36	$ 29.04	$ 29.04	$ 29.04	$ 29.04	$ 38.72	$ 38.72	$ 38.72	$ 38.72
Sub-Total	$ 580.80	$ 590.48	$ 590.48	$ 590.48	$ 590.48	$ 627.66	$ 627.66	$ 627.66	$ 627.66	$ 664.84	$ 664.84	$ 664.84	$ 664.84	$ 702.02	$ 702.02	$ 702.02	$ 702.02
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 1,360.25	$ 4,080.75	$ 6,801.25	$ 9,929.83	$ 2,720.50	$ 8,161.50	$ 13,602.50	$ 19,859.65	$ 4,080.75	$ 12,242.25	$ 20,403.75	$ 29,789.48	$ 5,441.00	$ 16,323.00	$ 27,205.00	$ 39,719.30
Sub Total	$ 784.55	$ 2,154.48	$ 4,874.98	$ 7,595.48	$ 10,724.06	$ 3,755.66	$ 9,196.66	$ 14,637.66	$ 20,894.81	$ 5,356.84	$ 13,518.34	$ 21,679.84	$ 31,065.57	$ 6,958.02	$ 17,840.02	$ 28,722.02	$ 41,236.32
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 784.55	$ 2,154.48	$ 4,874.98	$ 7,595.48	$ 10,724.06	$ 3,755.66	$ 9,196.66	$ 14,637.66	$ 20,894.81	$ 5,356.84	$ 13,518.34	$ 21,679.84	$ 31,065.57	$ 6,958.02	$ 17,840.02	$ 28,722.02	$ 41,236.32
UNBUNDLED RATES - PROPOSED																	
Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.15/kW	$ 37.50	$ 37.50	$ 37.50	$ 37.50	$ 37.50	$ 75.00	$ 75.00	$ 75.00	$ 75.00	$ 112.50	$ 112.50	$ 112.50	$ 112.50	$ 150.00	$ 150.00	$ 150.00	$ 150.00
All rkVA @ $0.18 /rkVA	$ -	$ 9.68	$ 9.68	$ 9.68	$ 9.68	$ 19.36	$ 19.36	$ 19.36	$ 19.36	$ 29.04	$ 29.04	$ 29.04	$ 29.04	$ 38.72	$ 38.72	$ 38.72	$ 38.72
Sub-Total	$ 782.08	$ 791.76	$ 791.76	$ 791.76	$ 791.76	$ 838.94	$ 838.94	$ 838.94	$ 838.94	$ 886.12	$ 886.12	$ 886.12	$ 886.12	$ 933.30	$ 933.30	$ 933.30	$ 933.30
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 55.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 148.75	$ 297.50	$ 297.50	$ 297.50	$ 297.50	$ 446.25	$ 446.25	$ 446.25	$ 446.25	$ 595.00	$ 595.00	$ 595.00	$ 595.00
Sub-Total	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 203.75	$ 407.50	$ 407.50	$ 407.50	$ 407.50	$ 611.25	$ 611.25	$ 611.25	$ 611.25	$ 815.00	$ 815.00	$ 815.00	$ 815.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 1,360.25	$ 4,080.75	$ 6,801.25	$ 9,929.83	$ 2,720.50	$ 8,161.50	$ 13,602.50	$ 19,859.65	$ 4,080.75	$ 12,242.25	$ 20,403.75	$ 29,789.48	$ 5,441.00	$ 16,323.00	$ 27,205.00	$ 39,719.30
Sub Total	$ 985.83	$ 2,355.76	$ 5,076.26	$ 7,796.76	$ 10,925.34	$ 3,966.94	$ 9,407.94	$ 14,848.94	$ 21,106.09	$ 5,578.12	$ 13,739.62	$ 21,901.12	$ 31,286.85	$ 7,189.30	$ 18,071.30	$ 28,953.30	$ 41,467.60
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 985.83	$ 2,355.76	$ 5,076.26	$ 7,796.76	$ 10,925.34	$ 3,966.94	$ 9,407.94	$ 14,848.94	$ 21,106.08	$ 5,578.12	$ 13,738.62	$ 21,901.12	$ 31,286.85	$ 7,189.30	$ 18,071.30	$ 28,953.30	$ 41,467.60
% Increase	25.66%	9.34%	4.13%	2.65%	1.88%	5.63%	2.30%	1.44%	1.01%	4.13%	1.64%	1.02%	0.71%	3.32%	1.30%	0.81%	0.56%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 40 - PRIMARY POWER SERVICE VOLTAGE DISCOUNT
With Demands 1,500-3,000 KW
At Average Levels of kWh Use

KW Demand																	
Total kW	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000	2,000	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
REACTIVE DEMAND																	
rkVA	0	323	323	323	323	430	430	430	430	538	538	538	538	645	645	845	845
ENERGY USAGE																	
Monthly Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000
Total Energy Usage	0	150,000	450,000	750,000	1,095,000	200,000	600,000	1,000,000	1,460,000	250,000	750,000	1,250,000	1,825,000	300,000	900,000	1,500,000	2,190,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30	$ 553.30
All kW @ $0.11/kW	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 165.00	$ 220.00	$ 220.00	$ 220.00	$ 220.00	$ 275.00	$ 275.00	$ 275.00	$ 275.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00
All rkVA @ $0.18 /rkVA	$ -	$ 58.08	$ 58.08	$ 58.08	$ 58.08	$ 77.45	$ 77.45	$ 77.45	$ 77.45	$ 96.81	$ 96.81	$ 96.81	$ 96.81	$ 116.17	$ 116.17	$ 116.17	$ 116.17
Sub-Total	$ 718.30	$ 776.38	$ 776.38	$ 776.38	$ 776.38	$ 850.75	$ 850.75	$ 850.75	$ 850.75	$ 925.11	$ 925.11	$ 925.11	$ 925.11	$ 999.47	$ 999.47	$ 999.47	$ 999.47
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPI	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 8,161.50	$ 24,484.50	$ 40,807.50	$ 59,578.95	$ 10,882.00	$ 32,646.00	$ 54,410.00	$ 79,438.60	$ 13,602.50	$ 40,807.50	$ 68,012.50	$ 99,298.25	$ 16,323.00	$ 48,969.00	$ 81,615.00	$ 119,157.90
Sub Total	$ 1,940.80	$ 10,160.38	$ 26,483.38	$ 42,806.38	$ 61,577.83	$ 13,362.75	$ 35,126.75	$ 56,890.75	$ 81,919.35	$ 16,565.11	$ 43,770.11	$ 70,975.11	$ 102,260.86	$ 19,767.47	$ 52,413.47	$ 85,059.47	$ 122,602.37
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 1,940.80	$ 10,160.38	$ 26,483.38	$ 42,806.38	$ 61,577.83	$ 13,362.75	$ 35,126.75	$ 56,890.75	$ 81,919.35	$ 16,565.11	$ 43,770.11	$ 70,975.11	$ 102,260.86	$ 19,767.47	$ 52,413.47	$ 85,059.47	$ 122,602.37

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58	$ 744.58
All kW @ $0.15/kW	$ 225.00	$ 225.00	$ 225.00	$ 225.00	$ 225.00	$ 300.00	$ 300.00	$ 300.00	$ 300.00	$ 375.00	$ 375.00	$ 375.00	$ 375.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00
All rkVA @ $0.18 /rkVA	$ -	$ 58.08	$ 58.08	$ 58.08	$ 58.08	$ 77.45	$ 77.45	$ 77.45	$ 77.45	$ 96.81	$ 96.81	$ 96.81	$ 96.81	$ 116.17	$ 116.17	$ 116.17	$ 116.17
Sub-Total	$ 969.58	$ 1,027.66	$ 1,027.66	$ 1,027.66	$ 1,027.66	$ 1,122.03	$ 1,122.03	$ 1,122.03	$ 1,122.03	$ 1,216.39	$ 1,216.39	$ 1,216.39	$ 1,216.39	$ 1,310.75	$ 1,310.75	$ 1,310.75	$ 1,310.75
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 330.00	$ 440.00	$ 440.00	$ 440.00	$ 440.00	$ 550.00	$ 550.00	$ 550.00	$ 550.00	$ 660.00	$ 660.00	$ 660.00	$ 660.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 892.50	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,190.00	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,487.50	$ 1,785.00	$ 1,785.00	$ 1,785.00	$ 1,785.00
Sub-Total	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,222.50	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 1,630.00	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,037.50	$ 2,445.00	$ 2,445.00	$ 2,445.00	$ 2,445.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $0.05441 /kWh	$ -	$ 8,161.50	$ 24,484.50	$ 40,807.50	$ 59,578.95	$ 10,882.00	$ 32,646.00	$ 54,410.00	$ 79,438.60	$ 13,602.50	$ 40,807.50	$ 68,012.50	$ 99,298.25	$ 16,323.00	$ 48,969.00	$ 81,615.00	$ 119,157.90
Sub Total	$ 2,192.08	$ 10,411.66	$ 26,734.66	$ 43,057.66	$ 61,829.11	$ 13,634.03	$ 35,398.03	$ 57,162.03	$ 82,190.63	$ 16,856.39	$ 44,061.39	$ 71,266.39	$ 102,552.14	$ 20,078.75	$ 52,724.75	$ 85,370.75	$ 122,913.65
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 2,192.08	$ 10,411.66	$ 26,734.66	$ 43,057.66	$ 61,829.11	$ 13,634.03	$ 35,398.03	$ 57,162.03	$ 82,190.63	$ 16,856.39	$ 44,061.39	$ 71,266.39	$ 102,552.14	$ 20,078.75	$ 52,734.75	$ 85,370.75	$ 122,913.65
% Increase	12.95%	2.47%	0.95%	0.59%	0.41%	2.03%	0.77%	0.48%	0.33%	1.76%	0.67%	0.41%	0.28%	1.57%	0.59%	0.37%	0.25%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 44 - PRIMARY POWER SERVICE
POINT OF SUPPLY AT GENERATING STATIONS
With Demands Up to 20,000 KW
At Average Levels of kWh Use

DEMAND	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
Total kW	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
kVA	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
Hrs Use	0																
ENERGY USAGE																	
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
UNBUNDLED RATES - CURRENT																	
Distribution																	
Distribution Charge @ $4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08
All kVA @ $0.11 /kVA	$ -	$ 472.32	$ 472.32	$ 472.32	$ 472.32	$ 944.64	$ 944.64	$ 944.64	$ 944.64	$ 1,416.96	$ 1,416.96	$ 1,416.96	$ 1,416.96	$ 1,889.27	$ 1,889.27	$ 1,889.27	$ 1,888.27
All kWh @ $0.00029 /kWh	$ -	$ 145.00	$ 435.00	$ 725.00	$ 1,056.50	$ 290.00	$ 870.00	$ 1,450.00	$ 2,117.00	$ 435.00	$ 1,305.00	$ 2,175.00	$ 3,175.50	$ 580.00	$ 1,740.00	$ 2,900.00	$ 4,234.00
Sub-Total	$ 4.08	$ 621.40	$ 911.40	$ 1,201.40	$ 1,534.90	$ 1,238.72	$ 1,818.72	$ 2,398.72	$ 3,065.72	$ 1,856.03	$ 2,726.03	$ 3,596.03	$ 4,596.53	$ 2,473.35	$ 3,633.35	$ 4,793.35	$ 6,127.35
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,079.08	$ 31,901.40	$ 86,601.40	$ 141,301.40	$ 204,206.40	$ 63,798.72	$ 173,198.72	$ 282,598.72	$ 408,408.72	$ 95,696.03	$ 259,796.03	$ 423,896.03	$ 612,611.03	$ 127,593.35	$ 348,393.35	$ 565,193.35	$ 816,813.35
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,079.08	$ 31,901.40	$ 86,601.40	$ 141,301.40	$ 204,206.40	$ 63,798.72	$ 173,198.72	$ 282,598.72	$ 408,408.72	$ 95,696.03	$ 259,796.03	$ 423,896.03	$ 612,611.03	$ 127,593.35	$ 348,393.35	$ 565,193.35	$ 816,813.35
UNBUNDLED RATES - PROPOSED																	
Distribution																	
Distribution Charge @ $5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51
All kVA @ $0.23 /kVA	$ -	$ 987.57	$ 987.57	$ 987.57	$ 987.57	$ 1,975.15	$ 1,975.15	$ 1,975.15	$ 1,975.15	$ 2,962.72	$ 2,962.72	$ 2,962.72	$ 2,962.72	$ 3,950.30	$ 3,950.30	$ 3,950.30	$ 3,950.30
All kWh @ $0.00060 /kWh	$ -	$ 300.00	$ 900.00	$ 1,500.00	$ 2,190.00	$ 600.00	$ 1,800.00	$ 3,000.00	$ 4,380.00	$ 900.00	$ 2,700.00	$ 4,500.00	$ 6,570.00	$ 1,200.00	$ 3,600.00	$ 6,000.00	$ 8,760.00
Sub-Total	$ 5.51	$ 1,293.08	$ 1,893.08	$ 2,493.08	$ 3,183.08	$ 2,580.66	$ 3,780.66	$ 4,980.66	$ 6,360.66	$ 3,868.23	$ 5,668.23	$ 7,468.23	$ 9,538.23	$ 5,155.81	$ 7,555.81	$ 9,955.81	$ 12,715.81
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,080.51	$ 32,573.08	$ 87,583.08	$ 142,593.08	$ 205,854.58	$ 65,140.66	$ 175,160.66	$ 285,180.66	$ 411,703.66	$ 97,708.23	$ 262,738.23	$ 427,768.23	$ 617,552.73	$ 130,275.81	$ 350,315.81	$ 570,355.81	$ 823,401.81
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,080.51	$ 32,573.08	$ 87,583.08	$ 142,593.08	$ 205,854.58	$ 65,140.66	$ 175,160.66	$ 285,180.66	$ 411,703.66	$ 97,708.23	$ 262,738.23	$ 427,768.23	$ 617,552.73	$ 130,275.81	$ 350,315.81	$ 570,355.81	$ 823,401.81
% Increase	0.04%	2.11%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 44 - PRIMARY POWER SERVICE
POINT OF SUPPLY AT GENERATING STATIONS
With Demands Over 20,000 KW
At Average Levels of kWh Use

DEMAND																				
Total kW	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000			
kVA	0	21,469	21,469	21,469	21,469	25,763	25,763	25,763	25,763	30,057	30,057	30,057	30,057	34,350	34,350	34,350	34,350			
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730			
ENERGY USAGE																				
Monthly Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000			
Total Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000			
UNBUNDLED RATES - CURRENT																				
Distribution																				
Distribution Charge @ $4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08
All kVA @ $0.11 /kVA	$ -	$ 2,361.59	$ 2,361.59	$ 2,361.59	$ 2,361.59	$ 2,833.91	$ 2,833.91	$ 2,833.91	$ 2,833.91	$ 3,306.23	$ 3,306.23	$ 3,306.23	$ 3,306.23	$ 3,778.54	$ 3,778.54	$ 3,778.54	$ 3,778.54	$ 3,778.54	$ 3,778.54	$ 3,778.54
All kWh @ $0.00028 /kWh	$ -	$ 725.00	$ 2,175.00	$ 3,625.00	$ 5,292.50	$ 870.00	$ 2,610.00	$ 4,350.00	$ 6,351.00	$ 1,015.00	$ 3,045.00	$ 5,075.00	$ 7,409.50	$ 1,160.00	$ 3,480.00	$ 5,800.00	$ 8,468.00			
Sub-Total	$ 4.08	$ 3,090.67	$ 4,540.67	$ 5,990.67	$ 7,658.17	$ 3,707.99	$ 5,447.99	$ 7,187.99	$ 9,188.99	$ 4,325.31	$ 6,355.31	$ 8,385.31	$ 10,719.81	$ 4,942.62	$ 7,262.62	$ 9,582.62	$ 12,250.62			
Riders																				
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 23,900.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00
Sub-Total	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																				
All kWh @ $ 0.05441 /kWh	$ -	$ 136,025.00	$ 408,075.00	$ 680,125.00	$ 992,982.50	$ 163,230.00	$ 489,690.00	$ 816,150.00	$ 1,191,579.00	$ 190,435.00	$ 571,305.00	$ 952,175.00	$ 1,390,175.50	$ 217,640.00	$ 652,920.00	$ 1,088,200.00	$ 1,588,772.00			
Sub Total	$ 20,379.08	$ 159,490.67	$ 432,990.67	$ 706,490.67	$ 1,021,015.67	$ 191,387.99	$ 519,587.99	$ 847,787.99	$ 1,225,217.99	$ 223,285.31	$ 606,185.31	$ 989,085.31	$ 1,429,420.31	$ 255,182.62	$ 692,782.62	$ 1,130,382.62	$ 1,633,822.62			
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Total Bill	$ 20,379.08	$ 159,490.67	$ 432,990.67	$ 706,490.67	$ 1,021,015.67	$ 191,387.99	$ 519,587.99	$ 847,787.99	$ 1,225,217.99	$ 223,285.31	$ 606,185.31	$ 989,085.31	$ 1,429,420.31	$ 255,182.62	$ 692,782.62	$ 1,130,382.62	$ 1,633,822.62			
UNBUNDLED RATES - PROPOSED																				
Distribution																				
Distribution Charge @ $5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51
All kVA @ $0.23 /kVA	$ -	$ 4,937.87	$ 4,937.87	$ 4,937.87	$ 4,937.87	$ 5,925.45	$ 5,925.45	$ 5,925.45	$ 5,925.45	$ 6,913.02	$ 6,913.02	$ 6,913.02	$ 6,913.02	$ 7,900.59	$ 7,900.59	$ 7,900.59	$ 7,900.59	$ 7,900.59	$ 7,900.59	$ 7,900.59
All kWh @ $0.00060 /kWh	$ -	$ 1,500.00	$ 4,500.00	$ 7,500.00	$ 10,950.00	$ 1,800.00	$ 5,400.00	$ 9,000.00	$ 13,140.00	$ 2,100.00	$ 6,300.00	$ 10,500.00	$ 15,330.00	$ 2,400.00	$ 7,200.00	$ 12,000.00	$ 17,520.00			
All kWh @ $0.00060 /kWh	$ -	$ 1,500.00	$ 4,500.00	$ 7,500.00	$ 10,950.00	$ 1,800.00	$ 5,400.00	$ 9,000.00	$ 13,140.00	$ 2,100.00	$ 6,300.00	$ 10,500.00	$ 15,330.00	$ 2,400.00	$ 7,200.00	$ 12,000.00	$ 17,520.00			
Sub-Total	$ 5.51	$ 6,443.38	$ 9,443.38	$ 12,443.38	$ 15,893.38	$ 7,730.96	$ 11,330.96	$ 14,930.96	$ 19,070.96	$ 9,018.53	$ 13,218.53	$ 17,418.53	$ 22,248.53	$ 10,306.10	$ 15,106.10	$ 19,906.10	$ 25,426.10			
Riders																				
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.585 /kW NSPL	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 23,900.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00
Sub-Total	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																				
All kWh @ $ 0.05441 /kWh	$ -	$ 136,025.00	$ 408,075.00	$ 680,125.00	$ 992,982.50	$ 163,230.00	$ 489,690.00	$ 816,150.00	$ 1,191,579.00	$ 190,435.00	$ 571,305.00	$ 952,175.00	$ 1,390,175.50	$ 217,640.00	$ 652,920.00	$ 1,088,200.00	$ 1,588,772.00			
Sub Total	$ 20,380.51	$ 162,843.38	$ 437,893.38	$ 712,943.38	$ 1,029,250.88	$ 195,410.96	$ 525,470.96	$ 855,530.96	$ 1,235,099.96	$ 227,978.53	$ 613,048.53	$ 998,118.53	$ 1,440,848.03	$ 260,548.10	$ 700,826.10	$ 1,140,706.10	$ 1,646,798.10			
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -			
Total Bill	$ 20,380.51	$ 182,843.38	$ 437,893.38	$ 712,943.38	$ 1,029,250.88	$ 195,410.96	$ 535,470.99	$ 855,530.98	$ 1,235,099.96	$ 227,978.53	$ 613,048.53	$ 998,118.53	$ 1,440,848.03	$ 260,548.10	$ 700,826.10	$ 1,140,706.10	$ 1,646,796.10			
% Increase	0.01%	2.10%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%	2.10%	1.13%	0.91%	0.81%			

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 44 - PRIMARY POWER SERVICE
POINT OF SUPPLY AT TRANSMISSION LINES
With Demands Up to 20,000 KW
At Average Levels of kWh Use

DEMAND																	
Total kW	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
All kVA of Demand	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
First Block kVA (Up to 5,000 kVA)	0	4,294	4,294	4,294	4,294	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Second Block kVA (Over 5,000 kVA)	0	0	0	0	0	3,588	3,588	3,588	3,588	7,881	7,881	7,881	7,881	12,175	12,175	12,175	12,175
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
UNBUNDLED RATES - CURRENT																	
Distribution																	
Distribution Charge @ $4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08
First Block kVA @ $0.09 /kVA	$ -	$ 386.44	$ 386.44	$ 386.44	$ 386.44	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00
Second Block kVA @ $0.08 /kVA	$ -	$ -	$ -	$ -	$ -	$ 287.01	$ 287.01	$ 287.01	$ 287.01	$ 630.51	$ 630.51	$ 630.51	$ 630.51	$ 974.02	$ 974.02	$ 974.02	$ 974.02
All kWh @ $0.00029 /kWh	$ -	$ 145.00	$ 435.00	$ 725.00	$ 1,058.50	$ 290.00	$ 870.00	$ 1,450.00	$ 2,117.00	$ 435.00	$ 1,305.00	$ 2,175.00	$ 3,175.50	$ 580.00	$ 1,740.00	$ 2,900.00	$ 4,234.00
Sub-Total	$ 4.08	$ 535.52	$ 825.52	$ 1,115.52	$ 1,449.02	$ 1,031.09	$ 1,611.09	$ 2,191.09	$ 2,858.09	$ 1,519.59	$ 2,389.59	$ 3,259.59	$ 4,260.09	$ 2,008.10	$ 3,168.10	$ 4,328.10	$ 5,662.10
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,079.08	$ 31,815.52	$ 86,515.52	$ 141,215.52	$ 204,120.52	$ 63,591.09	$ 172,991.09	$ 282,391.09	$ 408,201.09	$ 95,359.59	$ 259,459.59	$ 423,559.59	$ 612,274.59	$ 127,128.10	$ 345,928.10	$ 564,728.10	$ 816,348.10
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,079.08	$ 31,815.52	$ 86,515.52	$ 141,215.52	$ 204,120.52	$ 63,591.09	$ 172,991.09	$ 282,391.09	$ 408,201.09	$ 95,359.59	$ 259,459.59	$ 423,559.59	$ 612,274.59	$ 127,128.10	$ 345,928.10	$ 564,728.10	$ 816,348.10
UNBUNDLED RATES - PROPOSED																	
Distribution																	
Distribution Charge @ $5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51
First Block kVA @ $0.23 /kVA	$ -	$ 987.57	$ 987.57	$ 987.57	$ 987.57	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00
Second Block kVA @ $0.23 /kVA	$ -	$ -	$ -	$ -	$ -	$ 825.15	$ 825.15	$ 825.15	$ 825.15	$ 1,812.72	$ 1,812.72	$ 1,812.72	$ 1,812.72	$ 2,800.30	$ 2,800.30	$ 2,800.30	$ 2,800.30
All kWh @ $0.00060 /kWh	$ -	$ 300.00	$ 900.00	$ 1,500.00	$ 2,190.00	$ 600.00	$ 1,800.00	$ 3,000.00	$ 4,380.00	$ 900.00	$ 2,700.00	$ 4,500.00	$ 6,570.00	$ 1,200.00	$ 3,600.00	$ 5,000.00	$ 6,760.00
Sub-Total	$ 5.51	$ 1,293.08	$ 1,893.08	$ 2,493.08	$ 3,183.08	$ 2,580.66	$ 3,780.66	$ 4,980.66	$ 6,360.66	$ 3,868.23	$ 5,668.23	$ 7,468.23	$ 9,538.23	$ 5,155.81	$ 7,555.81	$ 9,955.81	$ 12,715.81
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,080.51	$ 32,573.08	$ 87,583.08	$ 142,593.08	$ 205,854.58	$ 65,140.66	$ 175,160.66	$ 285,180.66	$ 411,703.66	$ 97,708.23	$ 262,738.23	$ 427,768.23	$ 617,552.73	$ 130,275.81	$ 350,315.81	$ 570,355.81	$ 823,401.81
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,080.51	$ 32,573.08	$ 87,583.08	$ 142,593.08	$ 205,854.58	$ 65,140.66	$ 175,160.66	$ 285,180.66	$ 411,703.66	$ 97,708.23	$ 262,738.23	$ 427,768.23	$ 617,552.73	$ 130,275.81	$ 350,315.81	$ 570,355.81	$ 823,401.81
% Increase	0.04%	2.38%	1.23%	0.98%	0.85%	2.44%	1.25%	0.89%	0.88%	2.46%	1.26%	0.99%	0.86%	2.48%	1.27%	1.00%	0.86%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 44 - PRIMARY POWER SERVICE
POINT OF SUPPLY AT TRANSMISSION LINES
With Demands Up to 20,000 KW
At Average Levels of kWh Use

DEMAND																	
Total kW	25,000	25,000	25,000	25,000	25,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	40,000	40,000	40,000	40,000
All kVA of Demand	0	21,469	21,469	21,469	21,469	25,763	25,763	25,763	25,763	30,057	30,057	30,057	30,057	34,350	34,350	34,350	34,350
First Block kVA (Up to 5,000 kVA)	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Second Block kVA (Over 5,000 kVA)	0	16,469	16,469	16,469	16,469	20,763	20,763	20,763	20,763	25,057	25,057	25,057	25,057	29,350	29,350	29,350	29,350
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000
Total Energy Usage	0	2,500,000	7,500,000	12,500,000	18,250,000	3,000,000	9,000,000	15,000,000	21,900,000	3,500,000	10,500,000	17,500,000	25,550,000	4,000,000	12,000,000	20,000,000	29,200,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08	$ 4.08
First Block kVA @ $0.09 /kVA	$ -	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00	$ 450.00
Second Block kVA @ $0.08 /kVA	$ -	$ 1,317.52	$ 1,317.52	$ 1,317.52	$ 1,317.52	$ 1,661.02	$ 1,661.02	$ 1,661.02	$ 1,661.02	$ 2,004.53	$ 2,004.53	$ 2,004.53	$ 2,004.53	$ 2,346.03	$ 2,348.03	$ 2,348.03	$ 2,346.03
All kWh @ $0.00029 /kWh	$ -	$ 725.00	$ 2,175.00	$ 3,625.00	$ 5,292.50	$ 870.00	$ 2,610.00	$ 4,350.00	$ 6,351.00	$ 1,015.00	$ 3,045.00	$ 5,075.00	$ 7,409.50	$ 1,160.00	$ 3,480.00	$ 5,800.00	$ 8,468.00
Sub-Total	$ 4.08	$ 2,496.60	$ 3,946.60	$ 5,396.60	$ 7,064.10	$ 2,985.10	$ 4,725.10	$ 6,465.10	$ 8,466.10	$ 3,473.61	$ 5,503.61	$ 7,533.61	$ 9,868.11	$ 3,962.11	$ 6,282.11	$ 8,602.11	$ 11,270.11
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00
Sub-Total	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 136,025.00	$ 408,075.00	$ 680,125.00	$ 992,982.50	$ 163,230.00	$ 489,690.00	$ 816,150.00	$ 1,191,579.00	$ 190,435.00	$ 571,305.00	$ 952,175.00	$ 1,390,175.50	$ 217,640.00	$ 652,920.00	$ 1,088,200.00	$ 1,588,772.00
Sub Total	$ 20,379.08	$ 158,896.60	$ 432,396.60	$ 705,896.60	$ 1,020,421.60	$ 190,665.10	$ 518,865.10	$ 847,065.10	$ 1,224,495.10	$ 222,433.61	$ 605,333.61	$ 988,233.61	$ 1,428,568.61	$ 254,202.11	$ 691,802.11	$ 1,129,402.11	$ 1,632,642.11
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 20,379.08	$ 158,896.60	$ 432,396.60	$ 705,896.60	$ 1,020,421.60	$ 190,665.10	$ 518,865.10	$ 847,065.10	$ 1,224,495.10	$ 222,433.61	$ 605,333.61	$ 988,233.61	$ 1,428,568.61	$ 254,202.11	$ 691,802.11	$ 1,129,402.11	$ 1,632,642.11

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51	$ 5.51
First Block kVA @ $0.23 /kVA	$ -	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00	$ 1,150.00
Second Block kVA @ $0.23 /kVA	$ -	$ 3,787.87	$ 3,787.87	$ 3,787.87	$ 3,787.87	$ 4,775.45	$ 4,775.45	$ 4,775.45	$ 4,775.45	$ 5,763.02	$ 5,763.02	$ 5,763.02	$ 5,763.02	$ 6,750.59	$ 6,750.59	$ 6,750.59	$ 6,750.59
All kWh @ $0.00060 /kWh	$ -	$ 1,500.00	$ 4,500.00	$ 7,500.00	$ 10,950.00	$ 1,800.00	$ 5,400.00	$ 9,000.00	$ 13,140.00	$ 2,100.00	$ 6,300.00	$ 10,500.00	$ 15,330.00	$ 2,400.00	$ 7,200.00	$ 12,000.00	$ 17,520.00
Sub-Total	$ 5.51	$ 6,443.38	$ 9,443.38	$ 12,443.38	$ 15,893.38	$ 7,730.96	$ 11,330.96	$ 14,930.96	$ 19,070.96	$ 9,018.53	$ 13,218.53	$ 17,418.53	$ 22,248.53	$ 10,306.10	$ 15,106.10	$ 19,906.10	$ 25,426.10
Riders																	
Phase II Energy Efficiency Charge @ $0.22 /kW PLC	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 5,500.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 6,600.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 7,700.00	$ 8,800.00	$ 8,800.00	$ 8,800.00	$ 8,800.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @ $0.595 /kW NSPL	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 14,875.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 17,850.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 20,825.00	$ 23,800.00	$ 23,800.00	$ 23,800.00	$ 23,800.00
Sub-Total	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 20,375.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 24,450.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 28,525.00	$ 32,600.00	$ 32,600.00	$ 32,600.00	$ 32,600.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 136,025.00	$ 408,075.00	$ 680,125.00	$ 992,982.50	$ 163,230.00	$ 489,690.00	$ 816,150.00	$ 1,191,579.00	$ 190,435.00	$ 571,305.00	$ 952,175.00	$ 1,390,175.50	$ 217,640.00	$ 652,920.00	$ 1,088,200.00	$ 1,588,772.00
Sub Total	$ 20,380.51	$ 162,843.38	$ 437,893.38	$ 712,943.38	$ 1,029,250.88	$ 195,410.96	$ 525,470.96	$ 855,530.96	$ 1,235,099.96	$ 227,978.53	$ 613,048.53	$ 998,118.53	$ 1,440,949.03	$ 260,546.10	$ 700,626.10	$ 1,140,706.10	$ 1,646,798.10
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 20,380.51	$ 162,843.38	$ 437,893.38	$ 712,943.38	$ 1,029,250.88	$ 195,410.96	$ 525,470.96	$ 855,530.96	$ 1,235,099.96	$ 227,978.53	$ 613,048.53	$ 998,118.53	$ 1,440,949.03	$ 260,546.10	$ 700,626.10	$ 1,140,706.10	$ 1,646,798.10
% Increase	0.01%	2.48%	1.27%	1.00%	0.87%	2.49%	1.27%	1.00%	0.87%	2.49%	1.27%	1.00%	0.87%	2.50%	1.28%	1.00%	0.87%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 46 - PRIMARY POWER SERVICE
With Demands Up to 20,000 KW
At Average Levels of kWh Use

KW Demand																	
Total kW	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
All kVA of Demand	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
First Block (0 to 30,000 kVA)	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
Second Block (Next 30,000 kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Third Block (Over 60,000 kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
First Block (0 to 30,000,000 kWh)	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
Second Block (Over 30,000,000 to 530 kWh / kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Third Block (Over 530 kWh / kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04
First Block kVA @ $0.450 /kVA	$ -	$ 1,932.21	$ 1,932.21	$ 1,932.21	$ 1,932.21	$ 3,864.42	$ 3,864.42	$ 3,864.42	$ 3,864.42	$ 5,796.63	$ 5,796.63	$ 5,796.63	$ 5,796.63	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 7,728.84
Second Block kVA @ $0.430 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kVA @ $0.440 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
First Block kWh @ $0.00092 /kWh	$ -	$ 460.00	$ 1,380.00	$ 2,300.00	$ 3,358.00	$ 920.00	$ 2,760.00	$ 4,600.00	$ 6,716.00	$ 1,380.00	$ 4,140.00	$ 6,900.00	$ 10,074.00	$ 1,840.00	$ 5,520.00	$ 9,200.00	$ 13,432.00
Second Block kWh @ $0.00089 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kWh @ $0.00084 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sub-Total	$ 4.04	$ 2,396.25	$ 3,316.25	$ 4,236.25	$ 5,294.25	$ 4,788.46	$ 6,628.46	$ 8,468.46	$ 10,584.46	$ 7,180.67	$ 9,940.67	$ 12,700.67	$ 15,874.67	$ 9,572.88	$ 13,252.88	$ 16,932.88	$ 21,164.88
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,079.04	$ 33,676.25	$ 89,006.25	$ 144,336.25	$ 207,965.75	$ 67,348.46	$ 178,008.46	$ 288,668.46	$ 415,927.46	$ 101,020.67	$ 267,010.67	$ 433,000.67	$ 623,889.17	$ 134,692.88	$ 356,012.88	$ 577,332.88	$ 831,850.88
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,079.04	$ 33,676.25	$ 89,006.25	$ 144,336.25	$ 207,965.75	$ 67,348.46	$ 178,008.46	$ 288,668.46	$ 415,927.46	$ 101,020.67	$ 267,010.67	$ 433,000.67	$ 623,889.17	$ 134,692.88	$ 356,012.88	$ 577,332.88	$ 831,850.88

UNBUNDLED RATES - PROPDSED

Distribution																	
Distribution Charge @ $5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45
First Block kVA @ $0.600 /kVA	$ -	$ 2,576.28	$ 2,576.28	$ 2,576.28	$ 2,576.28	$ 5,152.56	$ 5,152.56	$ 5,152.56	$ 5,152.56	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 10,305.12	$ 10,305.12	$ 10,305.12	$ 10,305.12
Second Block kVA @ $0.600 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kVA @ $0.600 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
First Block kWh @ $0.00123 /kWh	$ -	$ 615.00	$ 1,845.00	$ 3,075.00	$ 4,489.50	$ 1,230.00	$ 3,690.00	$ 6,150.00	$ 8,979.00	$ 1,845.00	$ 5,535.00	$ 9,225.00	$ 13,468.50	$ 2,460.00	$ 7,380.00	$ 12,300.00	$ 17,958.00
Second Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sub-Total	$ 5.45	$ 3,196.73	$ 4,426.73	$ 5,656.73	$ 7,071.23	$ 6,388.01	$ 8,848.01	$ 11,308.01	$ 14,137.01	$ 9,579.29	$ 13,269.29	$ 16,959.29	$ 21,202.79	$ 12,770.57	$ 17,690.57	$ 22,610.57	$ 28,268.57
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,080.45	$ 34,476.73	$ 90,116.73	$ 145,756.73	$ 209,742.73	$ 68,948.01	$ 180,228.01	$ 291,508.01	$ 419,480.01	$ 103,419.29	$ 270,339.29	$ 437,259.29	$ 629,217.29	$ 137,890.57	$ 360,450.57	$ 583,010.57	$ 838,954.57
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,080.45	$ 34,476.73	$ 90,116.73	$ 145,756.73	$ 209,742.73	$ 68,948.01	$ 180,228.01	$ 291,508.01	$ 419,480.01	$ 103,419.29	$ 270,339.29	$ 437,258.28	$ 629,217.29	$ 137,880.57	$ 360,450.57	$ 583,010.57	$ 838,954.57
% Increase	0.03%	2.38%	1.25%	0.88%	0.85%	2.38%	1.25%	0.98%	0.85%	2.37%	1.25%	0.88%	0.85%	2.37%	1.25%	0.98%	0.85%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 46 - PRIMARY POWER SERVICE
With Demands Over 20,000 KW
At Average Levels of kWh Use

KW Demand																	
Total kW	200,000	200,000	200,000	200,000	200,000	225,000	225,000	225,000	225,000	250,000	250,000	250,000	250,000	300,000	300,000	300,000	300,000
All kVA of Demand	0	171,752	171,752	171,752	171,752	193,221	193,221	193,221	193,221	214,690	214,690	214,690	214,690	257,628	257,628	257,628	257,628
First Block (0 to 30,000 kVA)	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Second Block (Next 30,000 kVA)	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Third Block (Over 60,000 kVA)	0	111,752	111,752	111,752	111,752	133,221	133,221	133,221	133,221	154,690	154,690	154,690	154,690	197,628	197,628	197,628	197,628
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	20,000,000	60,000,000	100,000,000	146,000,000	22,500,000	67,500,000	112,500,000	164,250,000	25,000,000	75,000,000	125,000,000	182,500,000	30,000,000	90,000,000	150,000,000	219,000,000
First Block (0 to 30,000,000 kWh)	0	20,000,000	30,000,000	30,000,000	30,000,000	22,500,000	30,000,000	30,000,000	30,000,000	25,000,000	30,000,000	30,000,000	113,785,725	0	60,000,000	120,000,000	136,542,870
Second Block (Over 30,000,000 to 530 kWh / kVA)	0	0	30,000,000	70,000,000	91,028,580	0	37,500,000	82,500,000	102,407,152	0	45,000,000	95,000,000	31,714,275	0	0	0	52,457,130
Third Block (Over 530 kWh / kVA)	0	0	0	0	24,971,420	0	0	0	31,842,848	0	0	0	38,714,275	0	0	0	52,457,130
Total Energy Usage	0	20,000,000	60,000,000	100,000,000	146,000,000	22,500,000	67,500,000	112,500,000	164,250,000	25,000,000	75,000,000	125,000,000	182,500,000	30,000,000	90,000,000	150,000,000	219,000,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ 54.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04
First Block kVA @ $0.450 /kVA	$ -	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00
Second Block kVA @ $0.430 /kVA	$ -	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00
Third Block kVA @ $0.440 /kVA	$ -	$ 49,170.90	$ 49,170.90	$ 49,170.90	$ 49,170.90	$ 56,617.26	$ 56,617.26	$ 56,617.26	$ 56,617.26	$ 56,617.26	$ 56,617.26	$ 68,063.62	$ 86,063.62	$ 86,063.62	$ 86,956.34	$ 86,956.34	$ 86,956.34
First Block kWh @ $0.00052 /kWh	$ -	$ 16,400.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 20,700.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 23,000.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00
Second Block kWh @ $0.00069 /kWh	$ -	$ -	$ 26,700.00	$ 62,300.00	$ 81,015.44	$ -	$ 33,375.00	$ 73,425.00	$ 91,142.37	$ -	$ 40,050.00	$ 84,550.00	$ 101,269.29	$ -	$ 53,600.00	$ 106,800.00	$ 121,523.15
Third Block kWh @ $0.00094 /kWh	$ -	$ -	$ -	$ -	$ 20,975.86	$ -	$ -	$ -	$ 26,747.99	$ -	$ -	$ -	$ 32,519.99	$ -	$ -	$ -	$ 44,063.99
Sub-Total	$ 4.04	$ 93,974.94	$ 129,874.94	$ 165,474.94	$ 205,166.37	$ 105,721.30	$ 145,896.30	$ 186,046.30	$ 230,511.66	$ 117,467.68	$ 162,117.66	$ 206,617.86	$ 255,856.95	$ 140,860.38	$ 184,360.38	$ 247,760.38	$ 308,647.53
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00
Smart Meter Charge @ $0.00	$0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.585 /kW NSPL	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 146,750.00	$ 146,750.00	$ 146,750.00	$ 146,750.00	$ 176,500.00	$ 176,500.00	$ 176,500.00	$ 176,500.00
Sub-Total	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 244,500.00	$ 244,500.00	$ 244,500.00	$ 244,500.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 1,088,200.00	$ 3,264,600.00	$ 5,441,000.00	$ 7,943,860.00	$ 1,224,225.00	$ 3,672,675.00	$ 6,121,125.00	$ 8,936,842.50	$ 1,360,250.00	$ 4,080,750.00	$ 6,801,250.00	$ 9,929,825.00	$ 1,632,300.00	$ 4,896,900.00	$ 8,161,500.00	$ 11,915,790.00
Sub Total	$ 163,004.04	$ 1,345,174.94	$ 3,557,474.94	$ 5,769,474.94	$ 8,312,026.37	$ 1,513,321.30	$ 4,002,946.30	$ 6,490,546.30	$ 9,350,729.16	$ 1,681,467.66	$ 4,446,617.66	$ 7,211,617.66	$ 10,389,431.95	$ 2,017,760.38	$ 5,335,760.38	$ 8,653,760.38	$ 12,466,637.53
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 163,004.94	$ 1,345,174.94	$ 3,557,474.94	$ 5,769,474.94	$ 8,312,026.37	$ 1,513,321.30	$ 4,002,946.30	$ 6,490,546.30	$ 9,350,729.16	$ 1,681,467.66	$ 4,446,617.66	$ 7,211,617.66	$ 10,389,431.95	$ 2,017,760.38	$ 5,335,760.38	$ 8,653,760.38	$ 12,466,637.53

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45
First Block kVA @ $0.600 /kVA	$ -	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00
Second Block kVA @ $0.600 /kVA	$ -	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 16,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00
Third Block kVA @ $0.600 /kVA	$ -	$ 67,051.22	$ 67,051.22	$ 67,051.22	$ 67,051.22	$ 78,932.63	$ 79,932.63	$ 79,932.63	$ 79,932.63	$ 92,814.03	$ 92,814.03	$ 92,814.03	$ 92,814.03	$ 116,576.83	$ 116,576.83	$ 116,576.83	$ 116,576.83
First Block kWh @ $0.00123 /kWh	$ -	$ 24,600.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 27,675.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 30,750.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00
Second Block kWh @ $0.00123 /kWh	$ -	$ -	$ 36,900.00	$ 86,100.00	$ 111,965.15	$ -	$ 46,125.00	$ 101,475.00	$ 125,960.80	$ -	$ 55,350.00	$ 116,850.00	$ 139,956.44	$ -	$ 73,800.00	$ 147,600.00	$ 167,947.73
Second Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ 30,714.85	$ -	$ -	$ -	$ 39,166.70	$ -	$ -	$ -	$ 47,616.56	$ -	$ -	$ -	$ 64,522.27
Third Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ 30,714.85	$ -	$ -	$ -	$ 39,166.70	$ -	$ -	$ -	$ 47,616.56	$ -	$ -	$ -	$ 64,522.27
Sub-Total	$ 5.45	$ 127,656.67	$ 176,856.67	$ 226,056.67	$ 282,636.67	$ 143,613.08	$ 196,883.08	$ 254,313.08	$ 317,985.56	$ 159,569.48	$ 221,089.48	$ 282,569.48	$ 353,294.46	$ 191,482.28	$ 265,282.28	$ 339,082.28	$ 423,952.28
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.585 /kW NSPL	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 146,750.00	$ 146,750.00	$ 146,750.00	$ 146,750.00	$ 176,500.00	$ 176,500.00	$ 176,500.00	$ 176,500.00
Sub-Total	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 244,500.00	$ 244,500.00	$ 244,500.00	$ 244,500.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 1,088,200.00	$ 3,264,600.00	$ 5,441,000.00	$ 7,943,860.00	$ 1,224,225.00	$ 3,672,675.00	$ 6,121,125.00	$ 8,936,842.50	$ 1,360,250.00	$ 4,080,750.00	$ 6,801,250.00	$ 9,929,825.00	$ 1,632,300.00	$ 4,896,900.00	$ 8,161,500.00	$ 11,915,790.00
Sub Total	$ 163,005.45	$ 1,378,856.67	$ 3,604,456.67	$ 5,830,056.67	$ 8,389,496.67	$ 1,551,213.08	$ 4,055,013.08	$ 6,558,813.08	$ 9,436,183.08	$ 1,723,569.48	$ 4,505,589.48	$ 7,287,569.48	$ 10,486,869.46	$ 2,068,282.28	$ 5,406,682.28	$ 8,745,082.28	$ 12,584,242.28
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 163,005.45	$ 1,378,856.67	$ 3,604,456.67	$ 5,830,056.67	$ 8,389,496.67	$ 1,551,213.08	$ 4,055,013.08	$ 6,558,813.08	$ 9,436,183.08	$ 1,723,569.48	$ 4,505,589.48	$ 7,287,569.48	$ 10,486,869.46	$ 2,068,282.28	$ 5,406,682.28	$ 8,745,082.28	$ 12,584,242.28
% Increase	0.00%	2.50%	1.32%	1.05%	0.93%	2.50%	1.32%	1.05%	0.94%	2.50%	1.33%	1.05%	0.94%	2.50%	1.33%	1.06%	0.94%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 46 - PRIMARY POWER SERVICE VOLTAGE DISCOUNT
With Demands Up to 20,000 KW
At Average Levels of kWh Use

KW Demand	5,000	5,000	5,000	5,000	5,000	10,000	10,000	10,000	10,000	15,000	15,000	15,000	15,000	20,000	20,000	20,000	20,000
Total kW	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
All kVA of Demand	0	4,294	4,294	4,294	4,294	8,588	8,588	8,588	8,588	12,881	12,881	12,881	12,881	17,175	17,175	17,175	17,175
First Block (0 to 30,000 kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Second Block (Next 30,000 kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Third Block (Over 60,000 kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
First Block (0 to 30,000,000 kWh)	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000
Second Block (Over 30,000,000 to 530 kWh / kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Third Block (Over 530 kWh / kVA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Energy Usage	0	500,000	1,500,000	2,500,000	3,650,000	1,000,000	3,000,000	5,000,000	7,300,000	1,500,000	4,500,000	7,500,000	10,950,000	2,000,000	6,000,000	10,000,000	14,600,000

UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04
Voltage Discount @ $-0.140 /kVA	$ -	$ (601.13)	$ (601.13)	$ (601.13)	$ (601.13)	$ (1,202.26)	$ (1,202.26)	$ (1,202.26)	$ (1,202.26)	$ (1,803.40)	$ (1,803.40)	$ (1,803.40)	$ (1,803.40)	$ (2,404.53)	$ (2,404.53)	$ (2,404.53)	$ (2,404.53)
First Block kVA @ $0.450 /kVA	$ -	$ 1,932.21	$ 1,932.21	$ 1,932.21	$ 1,932.21	$ 3,864.42	$ 3,864.42	$ 3,864.42	$ 3,864.42	$ 5,796.63	$ 5,796.63	$ 5,796.63	$ 5,796.63	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 7,728.84
Second Block kVA @ $0.430 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kVA @ $0.440 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
First Block kWh @ $0.00092 /kWh	$ -	$ 460.00	$ 1,380.00	$ 2,300.00	$ 3,358.00	$ 920.00	$ 2,760.00	$ 4,600.00	$ 6,716.00	$ 1,380.00	$ 4,140.00	$ 6,900.00	$ 10,074.00	$ 1,840.00	$ 5,520.00	$ 9,200.00	$ 13,432.00
Second Block kWh @ $0.00089 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kWh @ $0.00084 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sub-Total	$ 4.04	$ 1,795.12	$ 2,715.12	$ 3,635.12	$ 4,693.12	$ 3,566.20	$ 5,426.20	$ 7,266.20	$ 9,382.20	$ 5,377.27	$ 8,137.27	$ 10,897.27	$ 14,071.27	$ 7,168.35	$ 10,848.35	$ 14,528.35	$ 18,760.35
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,079.04	$ 33,075.12	$ 88,405.12	$ 143,735.12	$ 207,364.62	$ 66,146.20	$ 176,806.20	$ 287,466.20	$ 414,725.20	$ 99,217.27	$ 265,207.27	$ 431,197.27	$ 622,085.77	$ 132,288.35	$ 353,608.35	$ 574,928.35	$ 829,446.35
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,079.04	$ 33,075.12	$ 88,405.12	$ 143,735.12	$ 207,364.62	$ 66,146.20	$ 176,806.20	$ 287,466.20	$ 414,725.20	$ 99,217.27	$ 265,207.27	$ 431,197.27	$ 622,085.77	$ 132,288.35	$ 353,608.35	$ 574,928.35	$ 829,446.35

UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $5.45	$ 5.45	$ 5.45	$5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45
Voltage Discount @ $-0.140 /kVA	$ -	$ (601.13)	$ (601.13)	$ (601.13)	$ (601.13)	$ (1,202.26)	$ (1,202.26)	$ (1,202.26)	$ (1,202.26)	$ (1,803.40)	$ (1,803.40)	$ (1,803.40)	$ (1,803.40)	$ (2,404.53)	$ (2,404.53)	$ (2,404.53)	$ (2,404.53)
First Block kVA @ $0.600 /kVA	$ -	$ 2,576.28	$ 2,576.28	$ 2,576.28	$ 2,576.28	$ 5,152.56	$ 5,152.56	$ 5,152.56	$ 5,152.56	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 7,728.84	$ 10,305.12	$ 10,305.12	$ 10,305.12	$ 10,305.12
Second Block kVA @ $0.600 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kVA @ $0.600 /kVA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
First Block kWh @ $0.00123 /kWh	$ -	$ 615.00	$ 1,845.00	$ 3,075.00	$ 4,489.50	$ 1,230.00	$ 3,690.00	$ 6,150.00	$ 8,979.00	$ 1,845.00	$ 5,535.00	$ 9,225.00	$ 13,468.50	$ 2,460.00	$ 7,380.00	$ 12,300.00	$ 17,958.00
Second Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Third Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Sub-Total	$ 5.45	$ 2,595.60	$ 3,825.60	$ 5,055.60	$ 6,470.10	$ 5,185.75	$ 7,645.75	$ 10,105.75	$ 12,934.75	$ 7,775.90	$ 11,465.90	$ 15,155.90	$ 19,399.40	$ 10,366.04	$ 15,286.04	$ 20,206.04	$ 25,864.04
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 1,100.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 2,200.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 3,300.00	$ 4,400.00	$ 4,400.00	$ 4,400.00	$ 4,400.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 2,975.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 5,950.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 8,925.00	$ 11,900.00	$ 11,900.00	$ 11,900.00	$ 11,900.00
Sub-Total	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 4,075.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 8,150.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 12,225.00	$ 16,300.00	$ 16,300.00	$ 16,300.00	$ 16,300.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 27,205.00	$ 81,615.00	$ 136,025.00	$ 198,596.50	$ 54,410.00	$ 163,230.00	$ 272,050.00	$ 397,193.00	$ 81,615.00	$ 244,845.00	$ 408,075.00	$ 595,789.50	$ 108,820.00	$ 326,460.00	$ 544,100.00	$ 794,386.00
Sub Total	$ 4,080.45	$ 33,875.60	$ 88,515.60	$ 145,155.80	$ 209,141.60	$ 67,745.75	$ 179,025.75	$ 290,305.75	$ 418,277.75	$ 101,815.90	$ 268,535.90	$ 435,455.90	$ 627,413.90	$ 135,486.04	$ 356,046.04	$ 560,606.04	$ 836,550.04
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 4,080.45	$ 33,875.60	$ 89,515.60	$ 145,155.80	$ 209,141.60	$ 67,745.75	$ 179,025.75	$ 290,305.75	$ 418,277.75	$ 101,815.90	$ 268,535.90	$ 435,455.90	$ 627,413.90	$ 135,486.04	$ 356,046.04	$ 560,606.04	$ 836,550.04
% Increase	0.03%	2.42%	1.26%	0.99%	0.86%	2.42%	1.26%	0.99%	0.86%	2.42%	1.26%	0.99%	0.86%	2.42%	1.25%	0.99%	0.86%

WEST PENN POWER COMPANY
COMPARISON BETWEEN PRESENT AND PROPOSED RATES
RATE SCHEDULE 46 - PRIMARY POWER SERVICE VOLTAGE DISCOUNT
With Demands Over 20,000 KW
At Average Levels of kWh Use

KW Demand																	
Total kW	200,000	200,000	200,000	200,000	200,000	225,000	225,000	225,000	225,000	250,000	250,000	250,000	250,000	300,000	300,000	300,000	300,000
All kVA of Demand	0	171,752	171,752	171,752	171,752	193,221	193,221	193,221	193,221	214,690	214,690	214,690	214,690	257,628	257,628	257,628	257,628
First Block (0 to 30,000 kVA)	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Second Block (Next 30,000 kVA)	0	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Third Block (Over 60,000 kVA)	0	111,752	111,752	111,752	111,752	133,221	133,221	133,221	133,221	154,690	154,690	154,690	154,690	197,628	197,628	197,628	197,628
Hrs Use	0	100	300	500	730	100	300	500	730	100	300	500	730	100	300	500	730
ENERGY USAGE																	
Monthly Energy Usage	0	20,000,000	60,000,000	100,000,000	146,000,000	22,500,000	67,500,000	112,500,000	164,250,000	25,000,000	75,000,000	125,000,000	182,500,000	30,000,000	90,000,000	150,000,000	219,000,000
First Block (0 to 30,000,000 kWh)	0	20,000,000	30,000,000	30,000,000	30,000,000	22,500,000	30,000,000	30,000,000	30,000,000	25,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000
Second Block (Over 30,000,000 to 530 kWh / kVA)	0	0	30,000,000	70,000,000	91,028,580	0	37,500,000	82,500,000	102,497,152	0	45,000,000	95,000,000	113,785,725	0	60,000,000	120,000,000	136,542,870
Third Block (Over 530 kWh / kVA)	0	0	0	0	24,971,420	0	0	0	31,842,848	0	0	0	38,714,275	0	0	0	52,457,130
Total Energy Usage	0	20,000,000	60,000,000	100,000,000	146,000,000	22,500,000	67,500,000	112,500,000	164,250,000	25,000,000	75,000,000	125,000,000	182,500,000	30,000,000	90,000,000	150,000,000	219,000,000

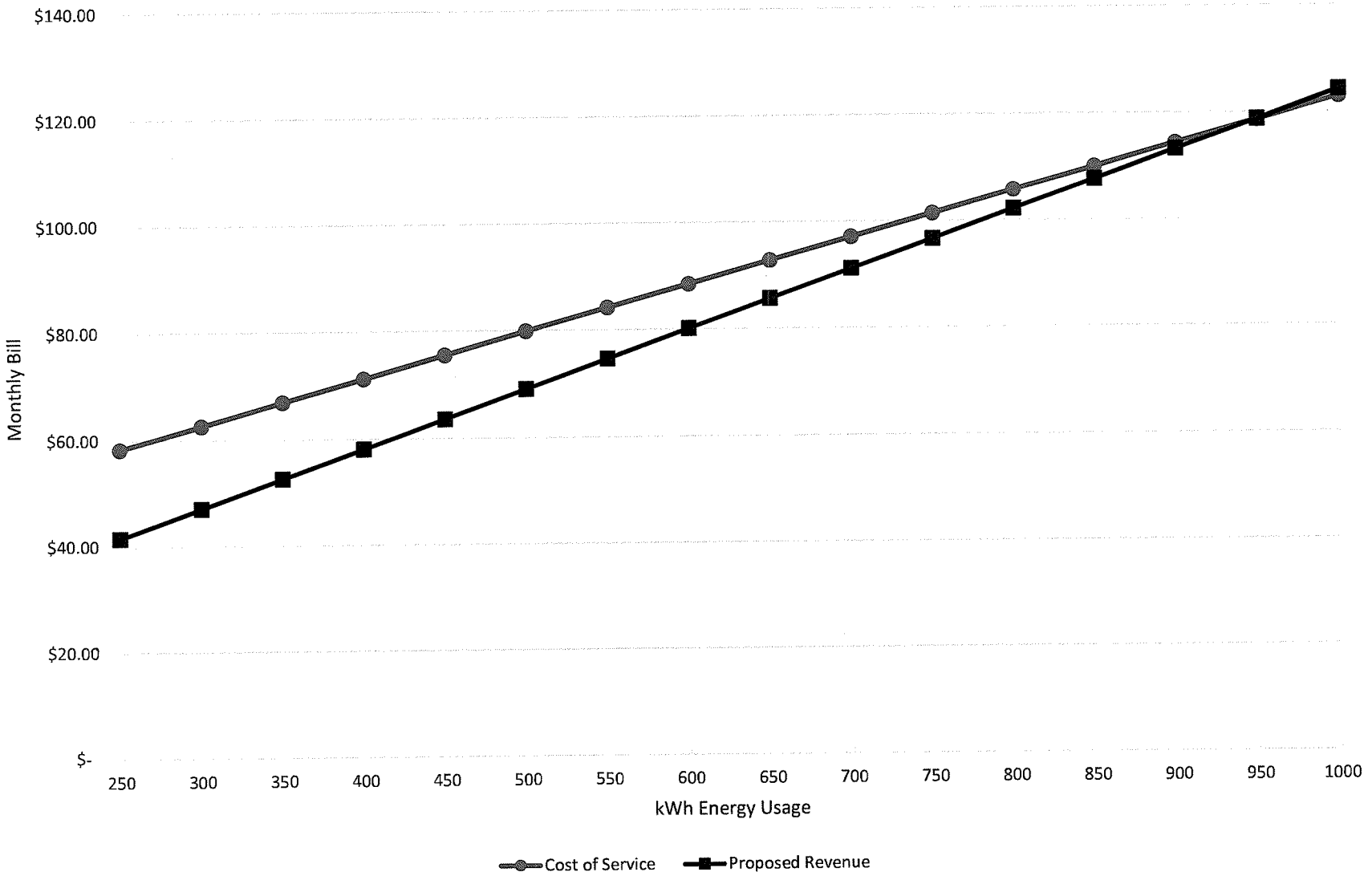
UNBUNDLED RATES - CURRENT

Distribution																	
Distribution Charge @ $4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04	$ 4.04
Voltage Discount @ $-0.140 /kVA	$ -	$ (24,045.29)	$ (24,045.29)	$ (24,045.29)	$ (24,045.29)	$ (27,050.95)	$ (27,050.95)	$ (27,050.95)	$ (27,050.95)	$ (30,056.61)	$ (30,056.61)	$ (30,056.61)	$ (30,056.61)	$ (36,067.93)	$ (36,067.93)	$ (36,067.93)	$ (36,067.93)
First Block kVA @ $0.450 /kVA	$ -	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00	$ 13,500.00
Second Block kVA @ $0.430 /kVA	$ -	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00	$ 12,900.00
Third Block kVA @ $0.440 /kVA	$ -	$ 49,170.80	$ 49,170.80	$ 49,170.80	$ 49,170.80	$ 58,617.26	$ 58,617.26	$ 58,617.26	$ 58,617.26	$ 66,063.82	$ 66,063.82	$ 66,063.82	$ 66,063.82	$ 66,956.34	$ 66,956.34	$ 66,956.34	$ 86,956.34
First Block kWh @ $0.00092 /kWh	$ -	$ 18,400.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 20,700.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 23,000.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00	$ 27,600.00
Second Block kWh @ $0.00089 /kWh	$ -	$ -	$ 26,700.00	$ 62,300.00	$ 81,015.44	$ -	$ 33,375.00	$ 73,425.00	$ 91,142.37	$ -	$ 40,050.00	$ 84,550.00	$ 101,269.29	$ -	$ 53,400.00	$ 106,800.00	$ 121,523.15
Third Block kWh @ $0.00084 /kWh	$ -	$ -	$ -	$ -	$ 20,975.89	$ -	$ -	$ -	$ 26,747.99	$ -	$ -	$ -	$ 32,519.65	$ -	$ -	$ -	$ 44,063.99
Sub-Total	$ 4.04	$ 69,829.65	$ 105,829.65	$ 141,429.85	$ 181,121.08	$ 78,670.35	$ 116,945.35	$ 166,995.35	$ 203,480.71	$ 87,411.05	$ 132,061.05	$ 176,561.05	$ 225,900.34	$ 104,862.48	$ 156,292.48	$ 211,692.48	$ 270,479.60
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00
Smart Meter Charge @ $0.00	$ 80.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 148,750.00	$ 148,750.00	$ 148,750.00	$ 148,750.00	$ 178,500.00	$ 178,500.00	$ 178,500.00	$ 178,500.00
Sub-Total	$ 163,080.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 244,500.00	$ 244,500.00	$ 244,500.00	$ 244,500.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 1,088,200.00	$ 3,264,600.00	$ 5,441,000.00	$ 7,943,860.00	$ 1,224,225.00	$ 3,672,675.00	$ 6,121,125.00	$ 8,936,842.50	$ 1,360,250.00	$ 4,080,750.00	$ 6,801,250.00	$ 9,929,825.00	$ 1,632,300.00	$ 4,896,900.00	$ 8,161,500.00	$ 11,915,790.00
Sub Total	$ 163,004.04	$ 1,321,129.65	$ 3,533,429.65	$ 5,745,429.85	$ 8,287,981.08	$ 1,486,270.35	$ 3,974,995.35	$ 6,463,495.35	$ 9,323,678.21	$ 1,651,411.05	$ 4,416,561.05	$ 7,181,581.05	$ 10,359,375.34	$ 1,981,692.46	$ 5,299,892.46	$ 8,617,692.48	$ 12,430,789.60
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 163,004.04	$ 1,321,129.65	$ 3,533,429.65	$ 5,745,429.85	$ 8,287,981.08	$ 1,486,270.35	$ 3,974,995.35	$ 6,463,495.35	$ 9,323,678.21	$ 1,651,411.05	$ 4,416,561.05	$ 7,181,581.05	$ 10,359,375.34	$ 1,981,692.46	$ 5,299,892.46	$ 8,617,692.48	$ 12,430,789.60

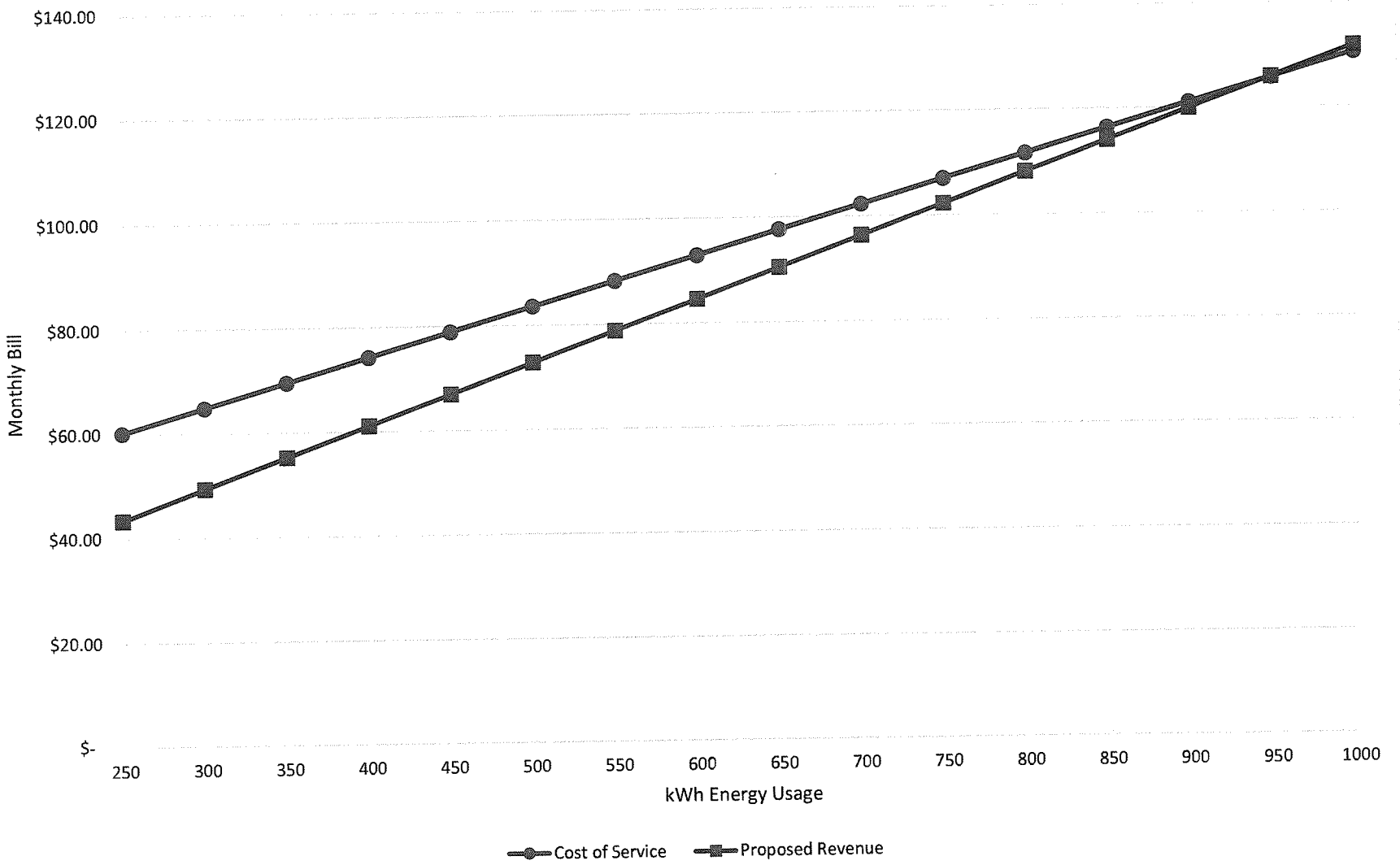
UNBUNDLED RATES - PROPOSED

Distribution																	
Distribution Charge @ $5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45	$ 5.45
Voltage Discount @ $-0.140 /kVA	$ -	$ (24,045.29)	$ (24,045.29)	$ (24,045.29)	$ (24,045.29)	$ (27,050.95)	$ (27,050.95)	$ (27,050.95)	$ (27,050.95)	$ (30,056.61)	$ (30,056.61)	$ (30,056.61)	$ (30,056.61)	$ (36,067.93)	$ (36,067.93)	$ (36,067.93)	$ (36,067.93)
First Block kVA @ $0.600 /kVA	$ -	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00
Second Block kVA @ $0.600 /kVA	$ -	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00	$ 18,000.00
Third Block kVA @ $0.600 /kVA	$ -	$ 67,051.22	$ 67,051.22	$ 67,051.22	$ 67,051.22	$ 79,932.63	$ 79,932.63	$ 79,932.63	$ 79,932.63	$ 92,814.03	$ 92,814.03	$ 92,814.03	$ 92,814.03	$ 118,576.83	$ 118,576.83	$ 118,576.83	$ 118,576.83
First Block kWh @ $0.00123 /kWh	$ -	$ 24,600.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 27,675.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 30,750.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00	$ 36,900.00
Second Block kWh @ $0.00123 /kWh	$ -	$ -	$ 36,900.00	$ 86,100.00	$ 111,985.15	$ -	$ 46,125.00	$ 101,475.00	$ 125,960.80	$ -	$ 55,350.00	$ 116,850.00	$ 139,958.44	$ -	$ 73,800.00	$ 147,600.00	$ 167,947.73
Third Block kWh @ $0.00123 /kWh	$ -	$ -	$ -	$ -	$ 30,714.85	$ -	$ -	$ -	$ 39,166.70	$ -	$ -	$ -	$ 47,618.56	$ -	$ -	$ -	$ 64,522.27
Sub-Total	$ 5.45	$ 103,611.39	$ 152,811.39	$ 202,911.39	$ 258,591.39	$ 116,562.13	$ 171,912.13	$ 227,262.13	$ 290,914.63	$ 129,512.87	$ 191,012.87	$ 252,512.87	$ 323,237.87	$ 155,414.36	$ 229,214.36	$ 303,014.38	$ 387,884.38
Riders																	
Phase II Energy Efficiency Charge @ $ 0.22 /kW PLC	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 44,000.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 49,500.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 55,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00	$ 66,000.00
Smart Meter Charge @ $0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Default Service Support Charge @$ 0.595 /kW NSPL	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 119,000.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 133,875.00	$ 148,750.00	$ 148,750.00	$ 148,750.00	$ 148,750.00	$ 178,500.00	$ 178,500.00	$ 178,500.00	$ 178,500.00
Sub-Total	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 163,000.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 183,375.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 203,750.00	$ 244,500.00	$ 244,500.00	$ 244,500.00	$ 244,500.00
DSIC Charge @ 0.000 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
PTC Charge																	
All kWh @ $ 0.05441 /kWh	$ -	$ 1,088,200.00	$ 3,264,600.00	$ 5,441,000.00	$ 7,943,860.00	$ 1,224,225.00	$ 3,672,675.00	$ 6,121,125.00	$ 8,936,842.50	$ 1,360,250.00	$ 4,080,750.00	$ 6,801,250.00	$ 9,929,825.00	$ 1,632,300.00	$ 4,896,900.00	$ 8,161,500.00	$ 11,915,790.00
Sub Total	$ 163,005.45	$ 1,354,811.39	$ 3,580,411.39	$ 5,806,011.39	$ 8,365,451.39	$ 1,524,162.13	$ 4,027,962.13	$ 6,531,762.13	$ 9,411,132.13	$ 1,693,512.87	$ 4,475,512.87	$ 7,257,512.87	$ 10,456,812.87	$ 2,032,214.36	$ 5,370,814.36	$ 8,709,014.38	$ 12,548,174.36
STAS @ 0.00 %	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Bill	$ 163,005.45	$ 1,354,811.39	$ 3,580,411.39	$ 5,806,011.39	$ 8,365,451.39	$ 1,524,162.13	$ 4,027,962.13	$ 6,531,762.13	$ 9,411,132.13	$ 1,693,512.87	$ 4,475,512.87	$ 7,257,512.87	$ 10,456,812.87	$ 2,032,214.36	$ 5,370,814.36	$ 8,709,014.38	$ 12,548,174.36
% Increase	0.00%	2.55%	1.33%	1.05%	0.93%	2.55%	1.33%	1.06%	0.94%	2.55%	1.33%	1.06%	0.94%	2.55%	1.34%	1.06%	0.94%

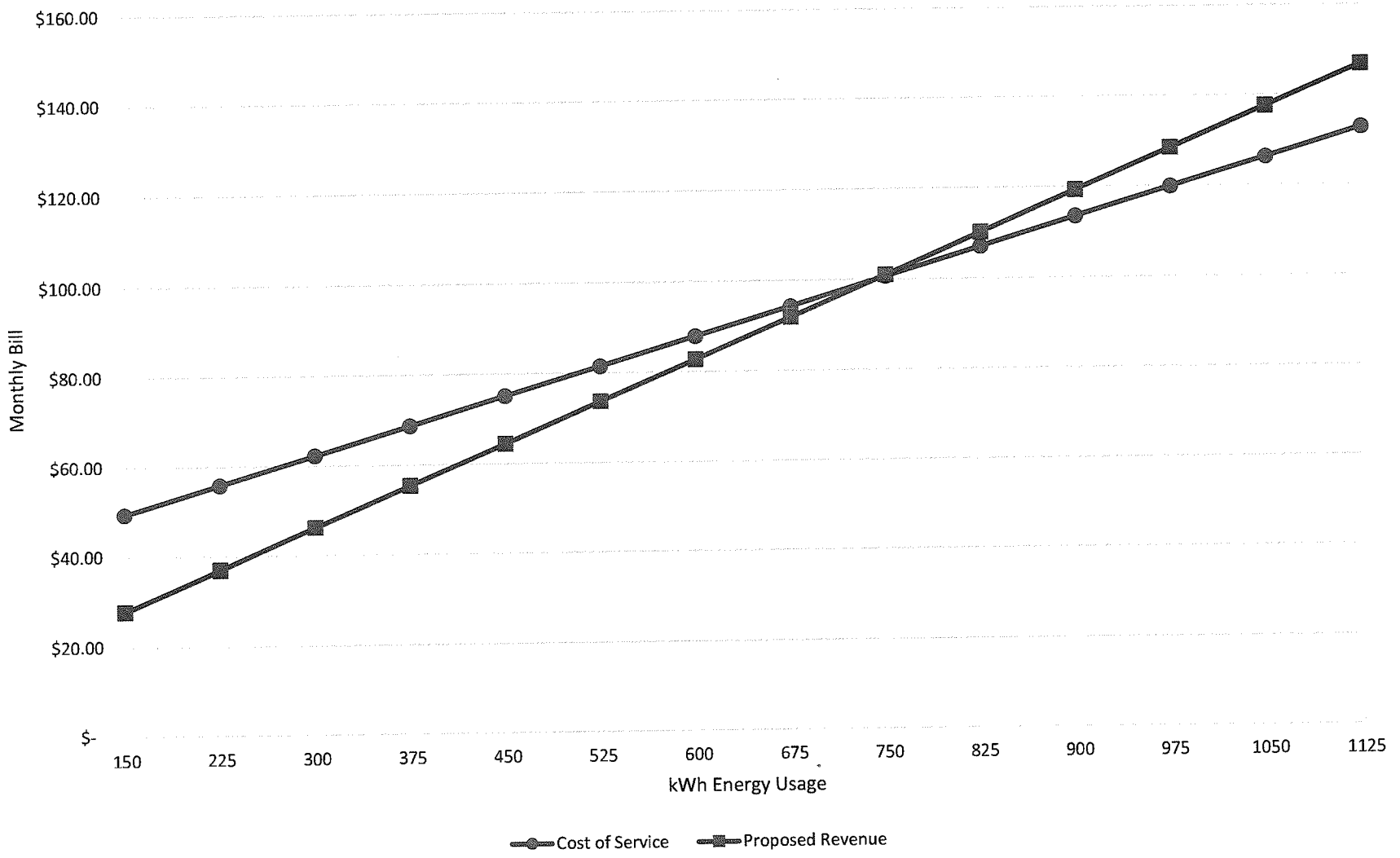
West Penn Domestic Service - Schedule 10
Proposed Revenue vs Cost of Service



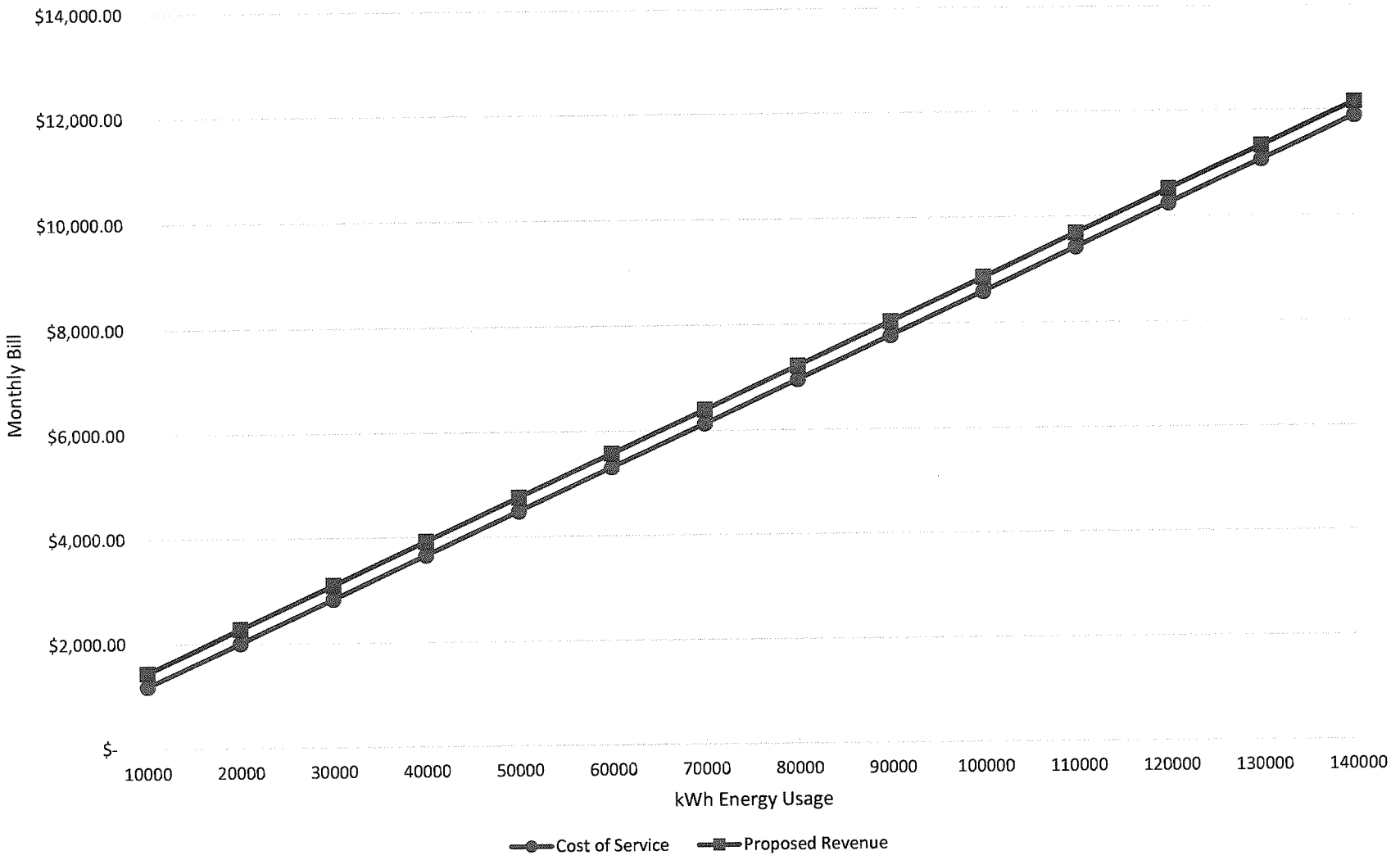
West Penn General Service - Schedule 20 Special Provision
Proposed Revenue vs Cost of Service



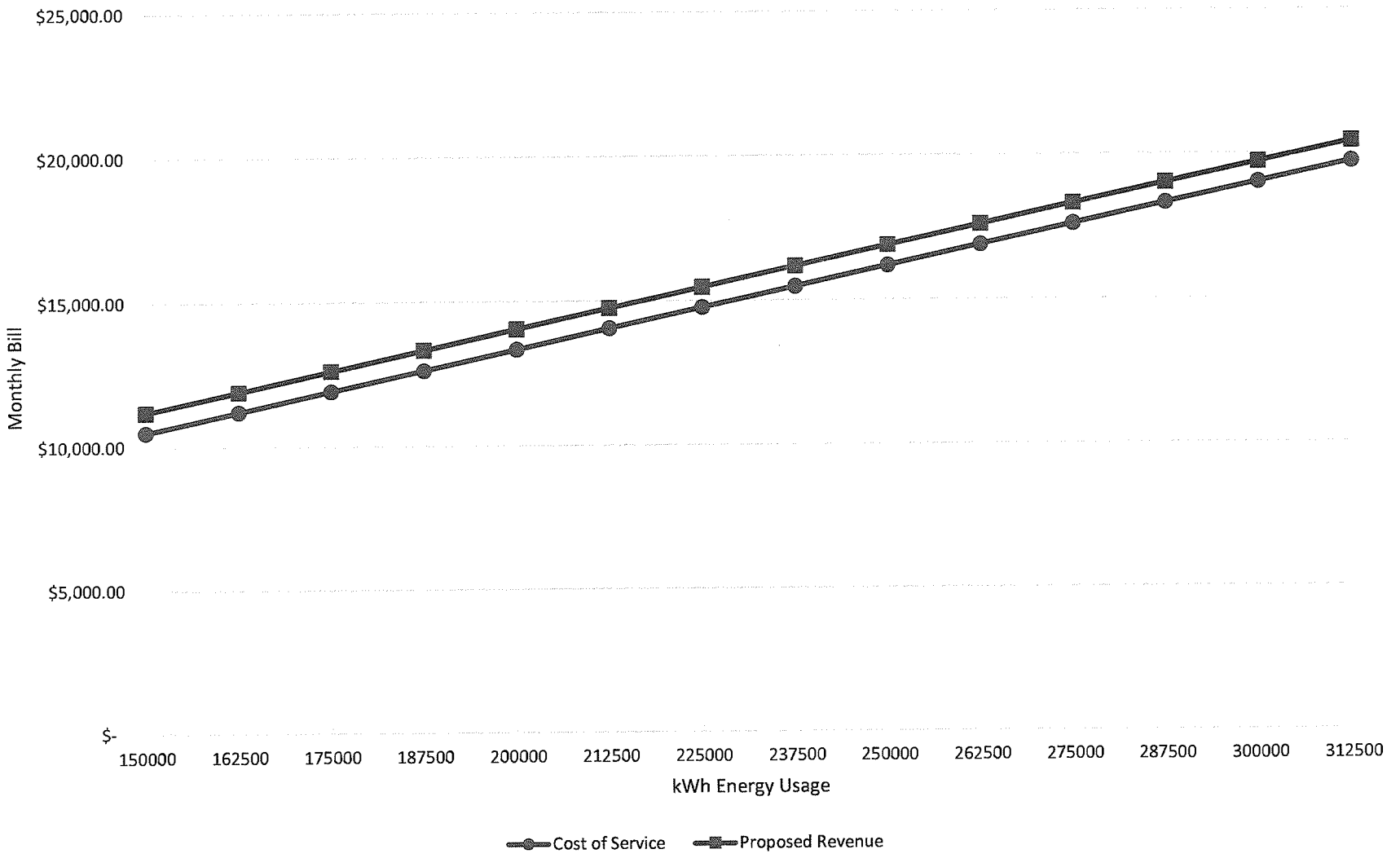
West Penn General Service - Schedule 20
Proposed Revenue vs Cost of Service
Demand at 3 kW

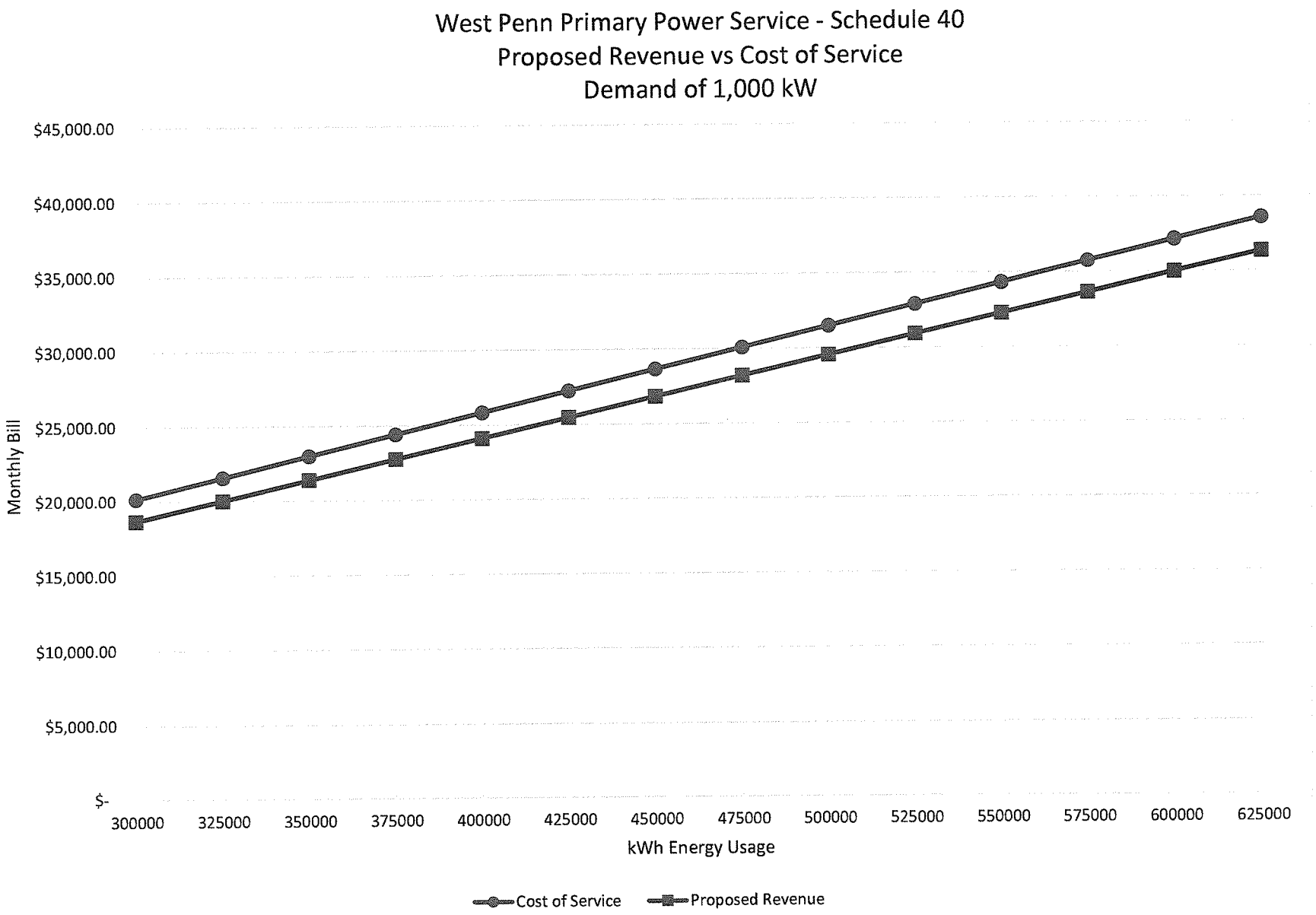


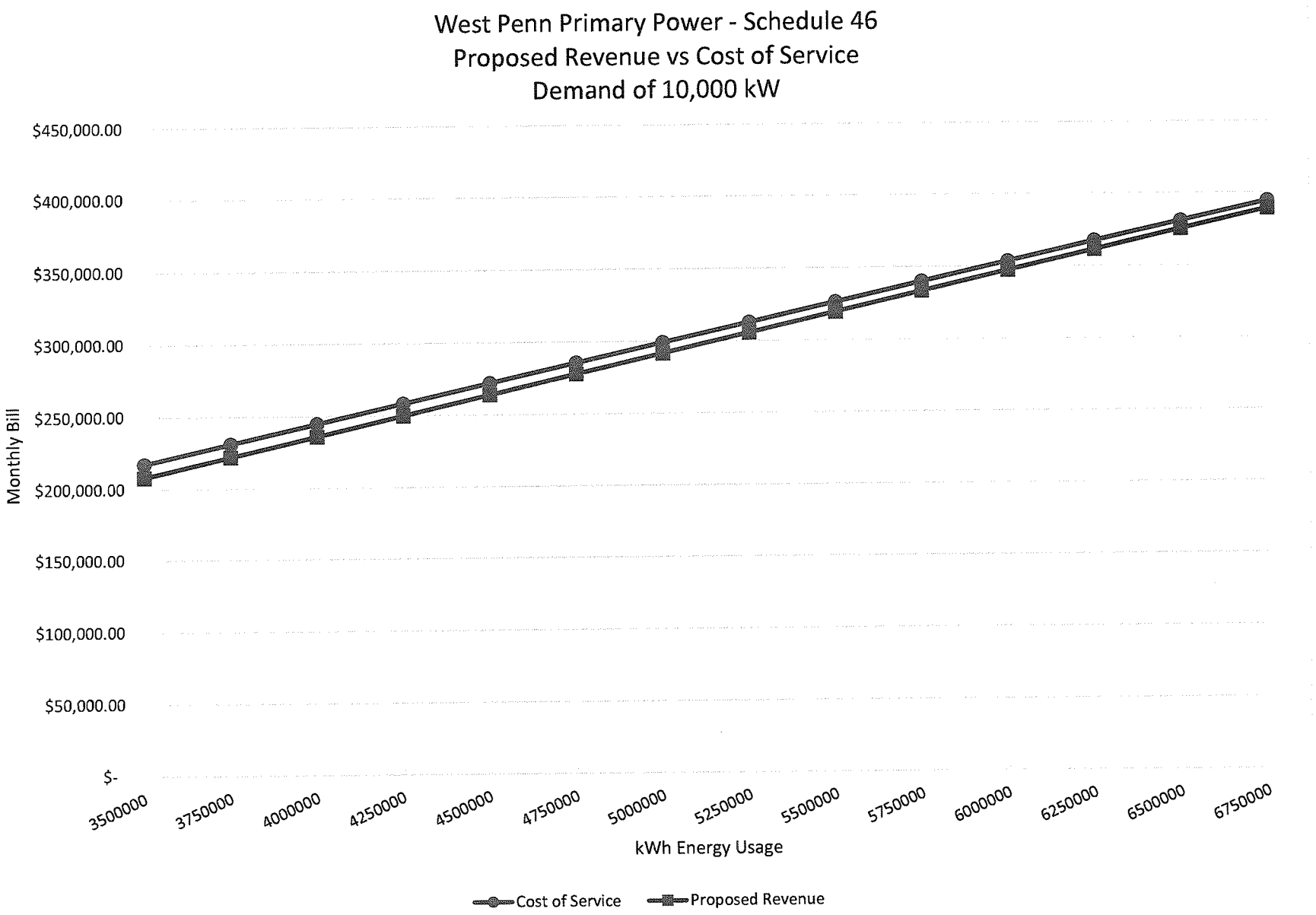
West Penn General Power Service - Schedule 30
Proposed Revenue vs Cost of Service
Demand at 200 kW



West Penn General Power Service - Schedule 35
Proposed Revenu vs Cost of Service
Demand at 500 kW




West Penn Primary Power Service - Schedule 40
Proposed Revenue vs Cost of Service
Demand of 1,000 kW
$45,000.00
$40,000.00
$35,000.00
$30,000.00
$25,000.00
$20,000.00
$15,000.00
$10,000.00
$5,000.00
$-
Monthly Bill
300000
325000
350000
375000
400000
425000
450000
475000
500000
525000
550000
575000
600000
625000
kWh Energy Usage
Cost of Service
Proposed Revenue


West Penn Primary Power - Schedule 46
Proposed Revenue vs Cost of Service
Demand of 10,000 kW
$450,000.00
$400,000.00
$350,000.00
$300,000.00
$250,000.00
$200,000.00
$150,000.00
$100,000.00
$50,000.00
$-
Monthly Bill
3500000
3750000
4000000
4250000
4500000
4750000
5000000
5250000
5500000
5750000
6000000
6250000
6500000
6750000
kWh Energy Usage
Cost of Service
Proposed Revenue

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
1	WPP	2	List of Modifications	Rider I - Hourly Pricing Default Service Rider Rider J- Default Service Support Rider		Rider I - Hourly Pricing Default Service Rider Rider J-Default Service Support Rider	
2	WPP	14	Description of Territory	WESTMORELAND COUNTY Laurel Mountain Village	Remove Village from Laurel Mountain	WESTMORELAND COUNTY Laurel Mountain	Correcting for change
3	WPP	16	Definition of Terms	**Applicant** - Any person, corporation or other entity that (i) desires to receive from the Company electric or any other service provided for in this Tariff, (ii) complies completely with all Company requirements for obtaining electric or any other service provided for in this Tariff, (iii) has filed and is awaiting Company approval of its application for service, and (iv) is not yet actually receiving from the Company any service provided for in this Tariff. For Residential Service, an Applicant is a natural person not currently receiving service who applies for Residential Service or any adult occupant whose name appears on the mortgage, deed or lease of the property for which the Residential Service is requested unless specifically stated otherwise in this Tariff, an Applicant shall become a Customer for purposes of this Tariff only after it actually starts receiving the applicable service(s) from the Company under this Tariff.	Added language to specify person must be at least 18 years of age.	**Applicant** - Any person, corporation or other entity that (i) desires to receive from the Company electric or any other service provided for in this Tariff, (ii) complies completely with all Company requirements for obtaining electric or any other service provided for in this Tariff, (iii) has filed and is awaiting Company approval of its application for service, and (iv) is not yet actually receiving from the Company any service provided for in this Tariff. For Residential Service, an Applicant is a natural person at least 18 years of age not currently receiving service who applies for Residential Service or any adult occupant whose name appears on the mortgage, deed or lease of the property for which the Residential Service is requested. The term does not include a person who seeks to transfer service within the service territory of the Company or to reinstate service at the same address provided that the final bill for service is not past due.	52 Pa. Code § 56.2

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
4	WPP	18	Definition of Terms	**Customer(s)** - Any person, partnership, association, corporation, or other entity (i) in whose name a service account is listed, (ii) who occupies or is the ratepayer for any premises, building, structure, etc. or (iii) is primarily responsible for payment of bills. For Residential Service, a Customer is a natural person in whose name a Residential Service account is listed and who is primarily responsible for payment of bills rendered for the service or any adult occupant whose name appears on the mortgage, deed, or lease of the property for which the Residential Service is being received. A Customer includes anyone taking Delivery Service under this Tariff.	Added language to specify person must be at least 18 years of age.	**Customer(s)** - Any person, partnership, association, corporation, or other entity (i) in whose name a service account is listed, (ii) who occupies or is the ratepayer for any premises, building, structure, etc. or (iii) is primarily responsible for payment of bills. For Residential Service, a Customer is a natural person at least 18 years of age in whose name a Residential Service account is listed and who is primarily responsible for payment of bills rendered for the service or any adult occupant whose name appears on the mortgage, deed, or lease of the property for which the Residential Service is being requested. A natural person remains a Customer after discontinuance or termination until the final bill for service becomes past due.	52 Pa. Code § 56.2
5	WPP	28	Rule 2 Deposits	Deposits may be required by the Company from all other Customers, in an amount that is equal to one-sixth (1/6) of the Applicant's/Customer's estimated annual bill at the time the Company determines a deposit is required.	Change language to cite PA Code § 56.51	Deposits may be required by the Company from all other Customers, in an amount that is in accordance with §56.51 of the regulations.	52 Pa. Code § 56.51
6	WPP	41	Rule 7 Wiring, Apparatus and Inspection	The Company will require the customer to maintain a Power Factor in the range of 90% to 100% for secondary, primary and sub transmission service and 90% to 100% for transmission service, coincident with the customers maximum monthly peak demand and to provide, at the Customer's expense, any corrective equipment necessary in order to do so.	Change transmission power factor values	The Company will require the customer to maintain a Power Factor in the range of 85% (lagging) to 100% for secondary, primary and subtransmission service and 97% (lagging) to 99% (leading) for transmission service, coincident with the customers maximum monthly peak demand and to provide, at the Customer's expense, any corrective equipment necessary in order to do so.	Ties to FirstEnergy Energy Delivery Planning and Protection Section 5 Load Power Factor Requirements (End-User)
7	WPP	47	Rule 10.b.(1)-Meter Reading and Rendering of Bills (1) Estimated Bills	Under PA Code § 56.222, the Company requested and was granted a waiver from 52 Pa. Code § 56.12 (2)(C)(i)-(ii) by the Commission.	Remove (C) from the reference	Under PA Code § 56.222, the Company requested and was granted a waiver from 52 Pa. Code § 56.12 (2)(i)-(ii) by the Commission.	52 Pa. Code § 56.22

West Penn Power Tariff Revisions - 2016 Filing							
Tariff No. 40							
Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
8	WPP	51	Rule 10-Meter Reading and Rendering of Bills	(9) Power Factor/Kilovar Billing Billing for Power Factor or Kilovars	Change Kilovar to kilovar	(9) Power Factor/kilovar Billing Billing for Power Factor or kilovars	Formatting/Grammar
9	WPP	53	Rule 11.b. Late Payment Charges	A Residential Customer's overdue bill shall be subject to a late payment charge of 1.25% interest per month on the overdue balance of the bill. A Non-Residential Customer's overdue bill shall be subject to a late payment charge of 1.25% interest per month on the overdue balance of the bill. Interest charges shall be calculated by the Company on the overdue portions of the bill and shall not be charged against any sum that falls due during a current billing period. At the Company's option, the interest per month associated with the late payment charge for Residential Customers may be reduced or eliminated in order to facilitate payment of bills under dispute.	Consistent amounts between all 4 PA operating companies	A Residential Customer's overdue bill shall be subject to a late payment charge of 1.5% interest per month on the overdue balance of the bill. A Non-Residential Customer's overdue bill shall be subject to a late payment charge of 2.0% interest per month on the overdue balance of the bill. Interest charges shall be calculated by the Company on the overdue portions of the bill and shall not be charged against any sum that falls due during a current billing period. At the Company's option, the interest per month associated with the late payment charge for Residential Customers may be reduced or eliminated in order to facilitate payment of bills under dispute.	Pa Code § 56.22
10	WPP	63	Rule 22 Transfer of Electric Generation Supplier	Company shall change Customer's electric supplier only upon receipt of electronic notification from the chosen electric supplier in accordance with the Pa P.U.C. Rules and Regulations as described in the Final Orders on Standards for Electronic Data Transfer and Exchange Electric Distribution Companies and Electric Generation Suppliers, Docket No. M-00960890F0015 and on Establishing Standards for Changing a Customer's Electric Supplier, Docket No. L-00970121 and 52 Pa. Code §54.123(2). Changes in Customer's electric Supplier shall only be effective with Customer's normal meter reading date, regardless of whether the meter reading is actual or estimated.	Change to three (3) business days after enrollment request is processed	Company shall change Customer's EGS in accordance with 52 PA. Code Chapter 57, Subchapter M, "Standards for Changing a Customer's Electricity Generation Supplier". Pursuant to the Commission's Rulemaking to Amend the Provisions of 52 Pa. Code, Chapter 57 Regulations Regarding Standards for Changing a Customer's Electricity Generation Supplier, at Docket No. L-2014-2409383, changes in Customer's EGS shall be effective within three (3) business days after the enrollment request is processed, regardless of whether the meter reading is actual or estimated.	Updating for new regulations

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
11	WPP	67	Rate Schedule 20 General Service	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 50% of the kiloWatts capacity necessary to service Customer shall be waived. The minimum charge shall be based on Customer's demand for the current month, but not less than one kilowatt.	Change charges shall to charges will be increased 10%	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges will be increased 10% and Minimum Charge based on 50% of the kiloWatts capacity necessary to service Customer shall be waived.	Rate Schedule 20 has no demand charge
12	WPP	69	Rate Schedule 30 General Service	If an existing Customer's total consumption is less than 1,500 kWh per month for two (2) consecutive months, the Customer may no longer be eligible for service under this Rate Schedule 30. Based upon the Company's then estimate of the Customer's usage, the Customer shall be placed on Rate Schedule 20 or such other Rate Schedule for which such Customer most qualifies. If an existing Customer's billing demand exceeds 400 kW for two(2) consecutive months, then the Customer may no longer be eligible for service under this Rate Schedule 30 and shall be placed on Rate Schedule 35 or such other Rate Schedule for which such Customer most qualifies.	Changed two consecutive months to twelve consecutive months. Added in any 12-month period in the billing demand exceeds 400 kW section	If an existing Customer's total consumption is less than 1,500 kWh per month for twelve (12) consecutive months, the Customer may no longer be eligible for service under this Rate Schedule 30. Based upon the Company's then estimate of the Customer's usage, the Customer shall be placed on Rate Schedule 20 or such other Rate Schedule for which such Customer most qualifies. If an existing Customer's billing demand exceeds 400 kW for two(2) consecutive months, in any twelve-month period, the Customer may no longer be eligible for service under this Rate Schedule 30 and shall be placed on Rate Schedule 35 or such other Rate Schedule for which such Customer most qualifies	Addition to rate schedule availability
13	WPP	70	Rate Schedule 30 General Power Service	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of non-interval Time-of-Use demand meters.	Remove non-interval	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.	Correction related to non-interval meters

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
14	WPP	71	Rate Schedule 30 General Power Service	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 50% of the Agreement Capacity shall be waived.	Change Minimum Charge based on 100% of the Agreement Capacity	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 100% of the Agreement Capacity shall be waived.	Updating charges
15	WPP	74	Rate Schedule 35 General Power Service	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of non-interval Time-of-Use demand meters.	Remove non-interval	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.	Correction related to non-interval meters
16	WPP	75	Rate Schedule 35 General Power Service	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10% and Minimum Charge based on 50% of the Agreement Capacity shall be waived.	Added Monthly Service Provision	MONTHLY SERVICE Monthly Service is supplied under this Schedule when Customer advances the net cost of connection and disconnection under the provisions of the applicable financing plan. Charges shall be increased 10%.	Included Monthly Service Provision
17	WPP	75	Rate Schedule 35 General Power Service	SERVICE AT PRIMARY VOLTAGE Customers serviced at Primary Voltage shall have the option to be billed under this Rate Schedule 35 for the following condition if the Customer's maximum billing demand does not exceed 2000 kW for two (2) consecutive months and service is supplied through a Customer owned transformer at the available Primary Voltage.	Change Service at Primary Voltage language	SERVICE AT PRIMARY VOLTAGE Customers serviced at voltages greater than 1,000 volts under this Rate Schedule qualify for the following voltage discount.	Clarifying language

West Penn Power Tariff Revisions - 2016 Filing							
Tariff No. 40							
Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
18	WPP	77	Rate Schedule 40 Primary Power Service	DETERMINATION OF CUSTOMER'S BILLING DEMAND The Customer's demand shall be measured by indicating or recording instruments. Demand shall be integrated over fifteen (15)-minute intervals or as otherwise determined by the Company. The billing demand in the current month shall be the greatest of: (i) twenty-five (25) kW,	Change 25 kW to 2000 kilowatt	DETERMINATION OF CUSTOMER'S BILLING DEMAND The Customer's demand shall be measured by indicating or recording instruments. Demand shall be integrated over fifteen (15)-minute intervals or as otherwise determined by the Company. The billing demand in the current month shall be the greatest of: (i) 2000 kW.	Change 25 kW to 2000 kW to align with Availability provision
19	WPP	77	Rate Schedule 40 Primary Power Service	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of non-interval Time-of-Use demand meters.	Remove non-interval	DETERMINATION OF CUSTOMER'S BILLING DEMAND The On-peak and off-peak hour provisions of this definition are only applicable for those customers who have installations of Time-of-Use demand meters.	Correction related to non-interval meters
20	WPP	98	Rate Schedule 53 Street and Area Lighting		Add Replacement language	CONDITIONS If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.	Lighting Replacement language
21	WPP	104	Rate Schedule 54 Street and Area Lighting		Add Replacement language	CONDITIONS If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.	Lighting Replacement language

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
22	WPP	107	Rate Schedule 55 Area Lighting Service - Underground Distribution	Sodium Vapor High Mount Single Luminaire Per Pole 9,500 Lumen - 100 Watts 51 kWh 22,000 Lumen - 200 Watts 86 kWh 50,000 Lumen -400 Watts 167 kWh Sodium Vapor High Mount Each Additional Luminaire Per Pole 9,500 Lumen - 100 Watts 51 kWh 22,000 Lumen - 200 Watts 86 kWh 50,000 Lumen - 400 Watts 167 kWh	Remove Light Watts 400 from Single Luminaire and 100 and 400 Watts from Each Additional Luminaire Per Pole	Sodium Vapor High Mount Single Luminaire Per Pole 9,500 Lumen - 100 Watts 51 kWh 22,000 Lumen - 200 Watts 86 kWh Sodium Vapor High Mount Each Additional Luminaire Per Pole 22,000 Lumen - 200 Watts 86 kWh	Eliminating Sodium Vapor High Mount - Single Luminaire Per Pole 50,000 Lumen - 400 Watts 167 kWh and Sodium Vapor High Mount - Each Additional Luminaire Per Pole
23	WPP	113	Rate Schedule 56 Street Lighting Service - Customer-Owned Equipment	AVAILABILITY Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor and mercury vapor street lighting	Remove mercury vapor	AVAILABILITY Available only to present Customers for installations now being served prior to June 6, 1997 for high-pressure sodium vapor street lighting	Eliminating Mercury Vapor from Street Lighting Service-Customer-Owned Equipment
24	WPP	113	Rate Schedule 56 Street Lighting Service - Customer-Owned Equipment	MV…8,150 Lumen..175 Watts MV..11,500 Lumen..250 Watts MV..21,500 Lumen..400 Watts MV..60,000 Lumen.1000 Watts	Remove Light Watts 175, 250, 400 and 1000		Eliminating Mercury Vapor 175, 250, 400 and 1000 Watts
25	WPP	114	Rate Schedule 56 Street Lighting Service - Customer-Owned Equipment	CONDITIONS Company will provide maintenance service and delivery energy to approved Customer-owned high pressure and sodium vapor and mercury vapor street lighting facilities.	Remove mercury vapor	CONDITIONS Company will provide maintenance service and delivery energy to approved Customer-owned high pressure and sodium vapor street lighting facilities.	Eliminating Mercury Vapor from Street Lighting Service-Customer-Owned Equipment
26	WPP	117	Rate Schedule 56 Street Lighting Service - Customer-Owned Equipment		Add Replacement language	ADDITIONAL CONDITIONS If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.	Lighting Replacement language

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
27	WPP	120	Rate Schedule 57 Outdoor Lighting Equipment, Maintenance and Unmetered Service	Metal Halide - Horizontal Luminaire (Cobra head) 30' Mounting Height Single Luminaire Per Pole 8,5000 Lumen 100 Watts 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts 90,000 Lumen 1,000 Watts Each Additional Luminaire Per Pole 8,5000 Lumen 100 Watts 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts 90,000 Lumen 1,000 Watts	Remove 100, 175 and 1,000 Watts from Single Luminaire Per Pole Remove Each Additional Luminaire Per Pole selections	Metal Halide - Horizontal Luminaire (Cobra head) 30' Mounting Height Single Luminaire Per Pole 36,000 Lumen 400 Watts	Eliminating Single Luminaire Per Pole 100, 175 and 400 Watts Eliminating Each Additional Luminaire Per Pole 100, 175, 400 and 1,000 Watts
28	WPP	121	Rate Schedule 57 Outdoor Lighting Equipment, Maintenance and Unmetered Service	Metal Halide - Rectangular Luminaire (Shoe Box) 30' Mounting Height Single Luminaire Per Pole, with base 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts Single Luminaire Per Pole, no base 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts 90,000 Lumen - 1000 Watts Each Additional Luminaire Per Pole 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts 90,000 Lumen 1,000 Watts [2]With base includes the installation of a non-concrete power installed foundation where soil conditions warrant its application.	Remove 175 and 400 Watts from Single Luminaire Per Pole, with base Remove 175 and 1000 Watts from Single Luminaire Per Pole, no base Remove 175 and 1000 Watts from Each Additional Luminaire Per Pole	Metal Halide - Single Luminaire Per Pole, no base 36,000 Lumen 400 Watts Eacb Additional Luminaire Per Pole 36,000 Lumen 400 Watts	Eliminating Single Luminaire Per Pole 175 and 400 Watts Single Luminaire Per Pole, no base 175 and 1000 Watts Eliminating Each Additional Luminaire Per Pole 175 and 1,000 Watts\.
29	WPP	126	Rate Schedule 57 Outdoor Lighting Equipment, Maintenance and Unmetered Service		Add Replacement language	GENERAL If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.	Lighting Replacement language

West Penn Power Tariff Revisions - 2016 Filing Tariff No. 40							
Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
30	WPP	129	Rate Schedule 58 Outdoor Lighting Maintenance and Unmetered Service	AVAILABILITY Available for high-pressure sodium, mercury vapor, metal halide and incandescent lighting being served prior to February 13, 2009.	Remove incandescent	AVAILABILITY Available for high-pressure sodium, mercury vapor and metal halide lighting being served prior to February 13, 2009.	Eliminating Incandescent Lighting from Outdoor Lighting Maintenance and Unmetered Service
31	WPP	130	Rate Schedule 58 Outdoor Lighting Maintenance and Unmetered Service	Incandescent - 1,000 Lumen 100 Watts 2,500 Lumen 200 Watts 4,000 Lumen 325 Watts 6,000 Lumen 450 Watts Installed On Company's Distribution System Mercury Vapor 8,150 Lumen 175 Watts 11,500 Lumen 250 Watts 21,500 Lumen 400 Watts 60,000 Lumen 1,000 Watts Incandescent 8,5000 Lumen 100 Watts 11,600 Lumen 175 Watts 36,000 Lumen 400 Watts 90,000 Lumen 1,000 Watts	Remove Incandescent, (Installed On Customer Owned Pole), Mercury Vapor (all selections) and Incandescent Installed On Company's Distribution System and Incandescent		Eliminating Incandescent (Installed on Customer Owned Pole), All Mercury Vapor and Incandescent from Installed On Company's Distribution System
32	WPP	135	Rate Schedule 59 Outdoor Lighting Equipment and Maintenance Service	OVERHEAD SERVICE Metal Halide - Horizontal Luminaire (Cobra Head) 36,000 Lumen - 400 Watt 90,000 Lumen - 1000 Watt	Remove 90,000 Lumen - 1000 Watts from Overhead Service - Metal Halide-Horizontal Luminaire (Cobra Head)	OVERHEAD SERVICE Metal Halide - Horizontal Luminaire (Cobra Head) 36,000 Lumen - 400 Watt	Eliminating 90,000 Lumen - 1,000 Watt from Metal Halide Incandescent Lighting from Outdoor Lighting Maintenance and Unmetered Service

West Penn Power Tariff Revisions - 2016 Filing Tariff No. 40							
Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
33	WPP	136	Rate Schedule 59 Outdoor Lighting Equipment and Maintenance Service	UNDERGROUND SERVICE High Pressure Sodium - Horizontal Luminaire (Cobra Head) Single Luminaire Per Pole 9,500 Lumen - 100 Watt 22,000 Lumen - 200 Watt 50,000 Lumen - 400 Watt Each Additional Luminaire Per Pole 9,500 Lumen - 100 Watt 22,000 Lumen - 200 Watt 50,000 Lumen - 400 Watt	Remove High Pressure Sodium - Horizontal Luminaire - Single and Each Additional Luminaire Per Pole from Underground Service		Eliminating High Pressure Sodium-Horizontal Luminaire - Single and Each Additional Luminaire Per Pole from Outdoor Lighting Equipment and Maintenance Service - Underground Service
34	WPP	137	Rate Schedule 59 Outdoor Lighting Equipment and Maintenance Service	UNDERGROUND SERVICE Metal Halide - Horizontal Luminaire (Cobra Head) Each Additional Luminaire Per Pole 36,000 Lumen - 400 Watt 90,000 Lumen - 1,000 Watt Single Luminaire Per Pole, with base[2] 9,500 Lumen - 100 Watt 22,000 Lumen - 200 Watt 50,000 Lumen - 400 Watt Single Luminaire Per Pole, no base[2] 9,500 Lumen - 100 Watt 22,000 Lumen - 200 Watt 50,000 Lumen - 400 Watt Each Additional Luminaire Per Pole 9,500 Lumen - 100 Watt 90,000 Lumen - 1,000 Watt	Remove Metal Halide - Horizontal Luminaire - Each Additional Luminaire Per Pole and High Pressure Sodium - Rectangular Luminaire - Single and Each Additional Luminaire Per Pole from Underground	UNDERGROUND SERVICE Metal Halide-Horizontal Luminaire (Cobra Head) 30' Mounting Height Single Luminaire Per Pole 90,00 Lumen - 1000 Watt 379 kWh DISTRIBUTION CHARGES High Pressure Sodium-Rectangular Luminaire (Shoe Box) 30' Mounting Height Single Luminaire Per Pole, no base 9,500 Lumen-100 watt 51 kWh	Eliminating Metal Halide Single Luminaire Per Pole 400 watt. Each Additional Luminaire Per Pole - Metal - Halide-Horizontal Luminaire (Cobra Head) . Eliminating Single Luminaire Per Pole, with base [2] . Eliminating 200 and 400 Watts from Single Luminaire Per Pole, no base[2]. Eliminating Each Additional Luminaire Per Pole from Outdoor Lighting Equipment and Maintenance Service - Underground Service

West Penn Power Tariff Revisions - 2016 Filing

Tariff No. 40

Revision #	Companies	Tariff Page	Topic	Current Text	Error/Change	Revised Text	Source/Comments
35	WPP	138	Rate Schedule 59 Outdoor Lighting Equipment and Maintenance Service	Metal Halide - Rectangular Luminaire (Shoe Box) Single Luminaire Per Pole, with base[2] 36,000 Lumen - 400 Watt Single Luminaire Per Pole, no base[2] 36,000 Lumen - 400 Watt 90,000 Lumen - 1000 Watt Each Additional Luminaire Per Pole 36,000 Lumen - 400 Watt 90,000 Lumen - 1,000 Watt	Remove Metal Halide - Rectangular Luminaire (Shoe Box) Single Luminaire with Base 400 Watt, Single Luminaire no base 1000 Watts and all Additional Luminaire Per Pole.	Single Luminaire Per Pole, no base 36,000 Lumen - 400 Watt	Eliminating Metal Halide - Rectangular Luminaire (Shoe Box) Single Luminaire with Base 400 Watt, Single Luminaire no base 1000 Watts and all Additional Luminaire Per Pole.
36	WPP	142	Rate Schedule 59 Outdoor Lighting Equipment, and Maintenance Service		Add Replacement language	GENERAL If the customer requests the Company to remove the present high pressure sodium vapor street light system to install LED lights and if the present system is less than twenty years old, the customer shall pay the removal cost plus the remaining value of the system.	Lighting Replacement language
37	WPP	146	Rate Schedule 71 Mercury Vapor Street and Highway Lighting Service	Underground Supply Metal Pole High Mounting 400 Watts 21,500 162 kWh	Remove 400 Watts from High Mounting in Underground Supply Metal Pole		Eliminating 400 Watts from High Mounting in Underground Supply Metal Pole from Schedule 71 Mercury Vapor Street and Highway Lighting Service
38	WPP	149	Rate Schedule 72 LED Street Lighting Service	AVAILABILITY: A minimum installation of 12 LED lights per customer per individual order is required.	Added restriction language	In addition to the charges included in the applicable rate schedule, all of the following general monthly charges are applicable to Delivery Service Customers.	Clarifying language

West Penn Power Tariff Revisions - 2016 Filing								
Tariff No. 40								
Revision #	Companies	Tariff Page	Topic	Current Text		Error/Change	Revised Text	Source/Comments
39	WPP	195	Rider L Partial Services Rider- Availability/ Applicability	All of the following general monthly charges are applicable to Delivery Service Customers.		Added Language stating General Monthly Charges	In addition to the charges included in the applicable rate schedule, all of the following general monthly charges are applicable to Delivery Service Customers.	Clarifying charges

WEST PENN POWER COMPANY

TITLE 52, SECTION 53.52 (a) FILING REQUIREMENT:

"(a) Whenever a public utility, other than a canal, turnpike, tunnel, bridge or wharf company files a tariff, revision or supplement effecting changes in the terms and conditions of service rendered or to be rendered, it shall submit to the Commission, with the tariff, revision or supplement, statements showing all of the following:
(1) The specific reasons for each change.
(2) The total number of customers served by the utility.
(3) A calculation of the number of customers, by tariff subdivision, whose bills will be affected by the change.
(4) The effect of the change on the utility's customers.
(5) The direct or indirect effect of the proposed change on the utility's revenue and expenses.
(6) The effect of the change on the service rendered by the utility.
(7) A list of factors considered by the utility in its determination to make the change. The list shall include a comprehensive statement about why these factors were chosen and the relative importance of each. This subsection does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308 (relating to voluntary changes in rates).
(8) Studies undertaken by the utility in order to draft its proposed change. This paragraph does not apply to a portion of a tariff change seeking a general rate increase as defined in 66 Pa.C.S. § 1308.
(9) Customer polls taken and other documents which indicate customer acceptance and desire for the proposed change. If the poll or other documents reveal discernible public opposition, an explanation of why the change is in the public interest shall be provided.
(10) Plans the utility has for introducing or implementing the changes with respect to its ratepayers.
(11) FCC, FERC or Commission orders or rulings applicable to the filing."

RESPONSE:

52 Pa. Code 53.52(a)(1)

See Direct Testimony of Kevin M. Siedt, West Penn Statement No. 3.

52 Pa. Code 53.52(a)(2)

As of December 31, 2015, the end of the historical test year, West Penn served a total of 722,323 customers.

52 Pa. Code 53.52(a)(3)

See West Penn Exhibit KMS-1, Attachments A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively).

52 Pa. Code 53.52(a)(4)

See West Penn Exhibit KMS-4, Comparison between Present and Proposed Rates, and West Penn Statement No. 3, Direct Testimony of Kevin M. Siedt.

52 Pa. Code 53.52(a)(5)

See West Penn Statement No. 2, Direct Testimony of Richard A. D'Angelo; and Exhibits RAD-1 and RAD-2.

52 Pa. Code 53.52(a)(6)

See West Penn Statement No. 1, Direct Testimony of Charles V. Fullem.

52 Pa. Code 53.52(a)(7)

Not Applicable.

52 Pa. Code 53.52(a)(8)

Not Applicable.

52 Pa. Code 53.52(a)(9)

None

52 Pa. Code 53.52(a)(10)

At the time of filing, the Company will issue and provide to customers notice of its distribution rate increase request pursuant to the Commission's general rate case filing regulations. Customer bill messages will direct customers to more information, and a bill insert will describe the rate changes approved by the Commission and indicate the impact on customers. The Company will also inform customers about the Commission-approved rate changes in a press release and a news publication, as well as on the Company's website. After a final Commission order is entered in connection with this rate filing, the Company will file a compliance tariff to implement all of the approved changes.

52 Pa. Code 53.52(a)(11)

The following orders or rulings are applicable to the filing:

- Company's 2014 Rate Case Order, Docket No. R-2014-2428742.
- Company's Default Service Plan, Docket No. P-2391378.
- Merger Settlement, Docket Nos. A-2010-2176520 and A-2010-2176732.
- Company's Smart Meter Deployment Plan, Docket No. M-2013-2341994.

TITLE 52, SECTION 53.52 (b) FILING REQUIREMENT:

"(b) Whenever a public utility other than a canal, turnpike, tunnel, bridge or wharf company files a tariff, revision or supplement which will increase or decrease the bills to its customers, it shall submit in addition to the requirements of subsection (a), to the Commission, with the tariff, revision or supplement, statements showing the following:
(1) The specific reasons for each increase or decrease.
(2) The operating income statement of the utility for a 12-month period, the end of which may not be more than 120 days prior to the filing. Water and wastewater utilities with annual revenues under $100,000 and municipal corporations subject to Commission jurisdiction may provide operating income statements for a 12-month period, the end of which may not be more than 180 days prior to the filing.
(3) A calculation of the number of customers, by tariff subdivision, whose bills will be increased.
(4) A calculation of the total increases, in dollars, by tariff subdivision, projected to an annual basis
(5) A calculation of the number of customers, by tariff subdivision, whose bills will be decreased.
(6) A calculation of the total decreases, in dollars, by tariff subdivision, projected to an annual basis.."

RESPONSE:

West Penn Power Company ("West Penn" or the "Company") submits the following information in support of Tariff Electric – Pa. P.U.C. No. 40. In response to each of the applicable subsections of 52 Pa. Code § 53.52(b), West Penn states the following:

52 Pa. Code 53.52(b)(1)

See Testimony of Charles V. Fullem, West Penn Statement No. 1; Testimony of Richard A. D'Angelo, West Penn Statement No. 2; and Testimony of Kevin M. Siedt, West Penn Statement No. 3.

52 Pa. Code 53.52(b)(2)

See West Penn Exhibit RAD-4.

52 Pa. Code 53.52(b)(3)

See West Penn Exhibit KMS-1, Attachments A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively), West Penn Exhibit KMS-2, Summary of Distribution of Revenues; West Penn Exhibit KMS-3, Proof of Revenues Analysis; and West Penn Exhibit KMS-4, Bill Comparisons.

52 Pa. Code 53.52(b)(4)

See West Penn Exhibit KMS-2, Summary of Distribution of Revenues; West Penn Exhibit KMS-3, Proof of Revenues Analysis; and West Penn Exhibit KMS-4, Bill Comparisons.

52 Pa. Code 53.52(b)(5)

See West Penn Exhibit KMS-2, Summary of Distribution of Revenues; West Penn Exhibit KMS-3, Proof of Revenues Analysis; and West Penn Exhibit KMS-4, Bill Comparisons.

52 Pa. Code 53.52(b)(6)

See West Penn Exhibit KMS-2, Summary of Distribution of Revenues; West Penn Exhibit KMS-3, Proof of Revenues Analysis; and West Penn Exhibit KMS-4, Bill Comparisons.

TITLE 52, SECTION 53.52 (c) FILING REQUIREMENT:

"(c) If a public utility files a tariff, revision or supplement which it is calculated will increase the bills of a customer or a group of customers by an amount, when projected to an annual basis, exceeding 3% of the operating revenues of the utility—subsection (b)(4) divided by the operating revenues of the utility for a 12-month period as defined in subsection (b)(2)—or which it is calculated will increase the bills of 5% or more of the number of customers served by the utility—subsection (b)(3) divided by subsection (a)(2)—it shall submit to the Commission with the tariff, revision or supplement, in addition to the statements required by subsections (a) and (b), all of the following information:
(1) A statement showing the utility's calculation of the rate of return or operating ratio (if the utility qualifies to use an operating ratio under § 53.54 (relating to small water and wastewater utilities) earned in the 12-month period referred to in subsection (b)(2), and the anticipated rate of return or operating ratio to be earned when the tariff, revision or supplement becomes effective. The rate base used in this calculation shall be supported by summaries of original cost for the rate of return calculation. When an operating ratio is used in this calculation, it shall be supported by studies of margin above operation and maintenance expense plus depreciation as referred to in § 53.54(b)(2)(B).
(2) A detailed balance sheet of the utility as of the close of the period referred to in subsection (b)(2).
(3) A summary, by detailed plant accounts, of the book value of the property of the utility at the date of the balance sheet required by paragraph (2).
(4) A statement showing the amount of the depreciation reserve, at the date of the balance sheet required by paragraph (2), applicable to the property, summarized as required by paragraph (3).
(5) A statement of operating income, setting forth the operating revenues and expenses by detailed accounts for the 12-month period ending on the date of the balance sheet required by paragraph (2).
(6) A brief description of a major change in the operating or financial condition of the utility occurring between the date of the balance sheet required by paragraph (2) and the date of transmittal of the tariff, revision or supplement. As used in this paragraph, a major change is one which materially alters the operating or financial condition of the utility from that reflected in paragraphs (1)—(5)."

RESPONSE:

See West Penn Statement No. 2, Direct Testimony of Richard A. D'Angelo and Exhibits RAD-54 and RAD-55.

TITLE 52, SECTION 53.52 (d) FILING REQUIREMENT:

> "(d) If a utility renders more than one type of public service, such as electric and gas, information required by § § 53.51—53.53 (relating to information furnished with the filing of rate changes), except subsection (c)(2), relates solely to the kind of service to which the tariff or tariff supplement is applicable. In subsection (c)(2), the book value of property used in furnishing each type of public service, as well as the depreciation reserve applicable to the property, shall be shown separately."

RESPONSE:

See West Penn Statement No. 2, Direct Testimony of Richard A. D'Angelo and Exhibits RAD-54 and RAD-55.

FILING REQUIREMENTS IV-A-1:

"Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

1. Rate schedule designation."

FILING REQUIREMENT IV-A-2:

"Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

2. For existing rates:
   a. Customers served as of end of period.
   b. Annual Kwh sales
   c. Base rate revenues adjusted for any changes in base rate application that may have occurred during the test period.
   d. Tax surcharge revenues.
   e. Energy Cost adjustment clause revenues.
   f. Revenues received from other clauses or riders separately accounted for.
   g. Total of all revenues."

FILING REQUIREMENT IV-A-3:

"Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

3. For proposed rates:
(a) Estimated number of customers whose charges for electric service will be increased or decreased as a result of this filing.
(b) Base rate revenues:
   (1) Annual dollar amount of increase or decrease.
   (2) Percentage change.
(c) Estimated tax surcharge revenues based on the assumption that the base rate changes proposed were in place.
(d) Estimated Energy cost adjustment clause revenues.
(e) Revenues received from other clauses or riders separately accounted for.
(f) Total of all revenues:
   (1) Amount of total annual dollar change.
   (2) Percentage change."

FILING REQUIREMENT IV-A-4:

"Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

4. Supplement the revenue summary to obtain a complete revenue statement of the electric business, that is, show delayed payments, other electric revenues, FERC jurisdictional sales and revenues and all other appropriate revenue items and adjustments."

FILING REQUIREMENT IV-A-5

"Provide a summary schedule of the individual rate effects. For each state jurisdictional rate, show the following information to the test period elected:

5. Develop the grand total showing total sales and revenues as adjusted and the various increases and decreases and percent effects as described above."

RESPONSES:

See West Penn Exhibit KMS-1, Attachments A, B, and C, Sales and Distribution Revenue Normalization (Fully Projected, Future, and Historical Test Years, respectively); and West Penn Exhibit KMS-2, Summary of Distribution of Revenues.

FILING REQUIREMENT IV-B-1:

"Provide a description of changes proposed for the new tariff:

1. For each rate schedule proposed to be modified."

FILING REQUIREMENT IV-B-2:

"Provide a description of changes proposed for the new tariff:

2. For each rate schedule proposed to be deleted."

FILING REQUIREMENT IV-B-3:

"Provide a description of changes proposed for the new tariff:

2. For each new rate schedule proposed to be added."

RESPONSES:

See West Penn Exhibit KMS-6, Matrix of Tariff changes, and West Penn Statement No. 3, Direct Testimony of Kevin M. Siedt.

FILING REQUIREMENT IV-C:

"The annual revenue effect of any proposed change to any rate must be supported by a billing analysis. This may consist of the use of bill frequency distributions or individual customer billing records for the most recent annual periods available. All billing determinants should be displayed. The blocking and corresponding prices of the existing rate and the proposed rate should be applied to the determinants to derive the base rate revenues under both present and proposed rates. The derived base rate revenues should form the basis for measuring the annual base rate effect of the rates in question for the test periods."

RESPONSE:

See West Penn Exhibit KMS-3, Proof of Revenues Analysis.

FILING REQUIREMENT IV-D-1:

"The effects of the proposed rates on monthly billing conditions should be provided as follows:

1. *Residential Bill Comparisons*

   For each rate applicable to residential service provide a chart or tabulation which shows the dollar and percentage effect of the proposed base rate on monthly bills ranging from the use of zero kWh to 5,000 kWh at appropriate intervals."

FILING REQUIREMENT IV-D-2:

"The effects of the proposed rates on monthly billing conditions should be provided as follows:

2. *General Bill Comparisons*

   For each rate that requires both a billing demand (kW) and kWh's as the billing determinants, provide a tabulation or graphical comparison showing the percentage effect of the proposed base rate on monthly bills using several representative demand (kW) levels, the monthly kWh for each demand selected to be in load factor increments of 10% starting at 0% and ending at 100% (730H) or by hours' use increments that covers approximately 95% of the bills."

RESPONSE:

See West Penn Exhibit KMS-4, Comparison between Present and Proposed Rates.

FILING REQUIREMENT IV-E-2:

"Provide comparisons in either graphical or tabular form showing cost, as defined in the cost of service study, and proposed base rate revenues and usage for all residential and demand/energy rate schedules. Demand shall be for representative loads for each demand/energy rate schedule."

RESPONSE:

See West Penn Exhibit KMS-5, Cost Curves.