BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY - ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

VOLUME III OF VI

PECO Statement No. 4:	**Direct Testimony of Caroline Fulginiti (and related exhibits)**
PECO Statement No. 5:	**Direct Testimony of Paul R. Moul (and related exhibit)**
PECO Statement No. 6:	**Direct Testimony of Tamara J. Jamison (and related exhibits)**
PECO Statement No. 7:	**Direct Testimony of Joseph A. Bisti (and related exhibits)**
PECO Statement No. 8:	**Direct Testimony of Richard A. Schlesinger**
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PECO Statement No. 10:	**Direct Testimony of Lauren B. Feldhake**

March 30, 2021

PECO ENERGY COMPANY
STATEMENT NO. 4

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v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

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DIRECT TESTIMONY

WITNESS: CAROLINE FULGINITI

SUBJECTS: OVERVIEW OF PECO ENERGY COMPANY'S ACCOUNTING PROCESSES; ALLOCATION OF COSTS BETWEEN ELECTRIC AND GAS OPERATIONS; AND ELECTRIC DIVISION DEPRECIATION CLAIMS

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
CAROLINE FULGINITI

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your name and business address.

A. My name is Caroline Fulginiti. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, Pennsylvania 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as the Director of Accounting. In that capacity, I am responsible for maintaining PECO's accounting books and records under United States Generally Accepted Accounting Principles ("GAAP") and the Federal Energy Regulatory Commission's ("FERC") *Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject to the Provisions of the Federal Power Act* ("Uniform System of Accounts"). In addition, I am responsible for PECO's financial reporting to the U.S. Securities and Exchange Commission ("SEC"), the FERC, and the Pennsylvania Public Utility Commission ("PUC" or "Commission").

3. Q. Please describe your educational background.

A. I received a Bachelor of Business Administration from James Madison University and a Master of Professional Accountancy from Indiana University.

4. Q. Please describe your professional experience.

A. Upon graduation, I was hired as an audit associate for PricewaterhouseCoopers, LLP in Chicago. After 7 years at PricewaterhouseCoopers, I began employment with Exelon Corporation in 2007. I held various roles at Exelon, including Manager of Accounting Policy & Research, Manager of Power Team Accounting, and Manager of PECO Accounting prior to being promoted to Director of Property Accounting and Project Controls in 2014. In 2016, I became Director of Financial Operations for PECO, overseeing the Company's capital and operations and maintenance budgeting process. I assumed my current responsibilities as the Director of Accounting for PECO in January 2020.

5. Q. Ms. Fulginiti, have you submitted testimony previously before the Commission?

A. Yes. I have submitted testimony in support of PECO's current 2020 Gas Distribution Rate Case pending at Docket No. R-2020-3018929.

6. Q. What is the purpose of your testimony?

A. I will provide a general overview of PECO's accounting processes. I will then describe how PECO allocates common costs between its electric and natural gas operations. Finally, I will present and explain PECO's claims for accrued and annual depreciation related to the utility plant in service of PECO's Electric Division as of the end of the historic test year (December 31, 2020) ("HTY"), future test year (December 31, 2021) ("FTY"), and the fully projected future test year (December 31, 2022) ("FPFTY").

7. Q. Please identify the exhibits you are sponsoring.

A. I am sponsoring PECO Exhibits CF-1, CF-2, and CF-3, which include, respectively, the results of the depreciation studies related to the original cost of PECO's electric and common plant in service at December 31, 2020 and estimated to be in service at December 31, 2021 and December 31, 2022. I am also sponsoring PECO Exhibit CF-4, which is a service-life-study performed by Gannett Fleming based upon plant balances at December 31, 2018.

II. OVERVIEW OF PECO'S ACCOUNTING PROCESSES

8. Q. How are PECO's accounting records maintained?

A. The Company's accounting records are kept in accordance with GAAP and FERC's Uniform System of Accounts, as required by the PUC's regulations at 52 Pa. Code § 57.42(a). In addition, PECO maintains a continuing property records system in accordance with PUC and FERC requirements.

9. Q. Do PECO's continuing property records accurately reflect the original cost of the property in question?

A. Yes, they do. A determination of the original cost of PECO's electric plant was made in the 1940s with the approval of the PUC. Subsequent plant additions, retirements, and adjustments have been recorded on an original cost basis in accordance with GAAP, the PUC's regulations, and the Uniform System of Accounts.

10. Q. Are PECO's books and records audited?

A. Yes, PECO's books and records are audited. Exelon Corporation, PECO's parent, maintains Exelon Audit Services ("EAS")[1] that routinely audits various aspects of PECO's operations. In addition, PECO's books and records are audited annually by its outside auditors.

In 2014, the PUC completed a Focused Management and Operations Audit of PECO, which included a review of the Company's internal audit process.[2] The PUC's report made note that "the IA department is responsible for evaluating the design and effectiveness of internal control systems and governance processes throughout the Exelon organization by performing risk based audits on activities affecting the financial, legal, reputational and operational aspects of the Company". The PUC's review of the internal audit process resulted in no findings or recommendations.

11. Q. How can you be sure that all property reflected in PECO's plant accounts is, in fact, used and useful?

A. As explained in the testimony of Mr. John McDonald (PECO Statement No. 1), the assets included in PECO's rate base in this case are, or by the end of the FTY and the FPFTY will be, in service and used by PECO to provide electric service to its customers. Moreover, PECO has a process in place requiring that: (1) a record be made in the field at the time any property unit is added to service or permanently

[1] Prior to 2018, EAS was referred to as the Internal Audit Department, or "IA".

[2] *See* Focused Management and Operations Audit of PECO Energy Company, Docket No. D-2013-2370921 (Issued September 2014).

removed from service; and (2) based on the records made in the field, appropriate accounting entries be made to the Company's property accounts to add or remove, respectively, the original cost of any property unit that was added or retired. Individuals with appropriate authority must review and approve the entries that are made to record the addition and removal of property units from the Company's plant accounts. Additionally, EAS performed an audit of the controls surrounding PECO's fixed asset process in 2015, which included review of fixed asset accounting records. EAS concluded that the processes and general control environment – which includes those activities necessary to provide reasonable assurance that risks are being managed and objectives met – are effective.

III. ALLOCATION OF COSTS BETWEEN ELECTRIC AND GAS OPERATIONS

12. Q. Does PECO maintain separate books and records for its electric and natural gas operations?

A. Yes. Under applicable PUC and FERC regulations, PECO is required to maintain, separately, certain income statement accounts and to maintain, separately, certain balance sheet accounts for its electric and natural gas operations.

13. Q. How does the Company allocate "common plant" between its two divisions?

A. "Common plant" (i.e., facilities, such as PECO's headquarters office building in Philadelphia, that are used to provide both electric and gas service) is allocated on the basis of a three-part formula, with equal weight given to relative plant investment, total revenue, and number of customers. The allocation factors utilized for purposes

of this rate filing are set forth in the applicable schedules of PECO Exhibits MJT-1, MJT-2, and MJT-3.

14. Q. Are operating expenses handled in the same fashion?

A. No, a different method is used to allocate operating expenses. The Company develops factors to allocate between electric and gas operations those operating expenses that are not directly assigned. PECO reviews these factors annually and updates them as necessary to reflect the forces driving the costs to which they apply.

15. Q. Please explain the method used to allocate non-assignable Administrative and General ("A&G") expense.

A. Expenses in this category consist of the labor and other resources of the Company's A&G departments, such as Finance, Marketing, and Accounting, which provide service to both the electric and gas divisions. Non-assignable expenses in these areas are allocated to electric operations based upon a percentage calculated by dividing: (1) the previous year's Operating & Maintenance ("O&M") expenses that were directly assigned to electric operations, by (2) the total of all the previous year's O&M expenses that were directly assigned to electric and gas operations.

IV. PECO ELECTRIC DIVISION DEPRECIATION CLAIMS

16. Q. Has a service-life study of PECO's electric utility plant in service been performed?

A. Yes. With the assistance of Gannett Fleming, Inc., a service-life study was performed based on PECO's plant balances at December 31, 2018, which is provided as PECO

Exhibit CF-4. The study was filed with the PUC in April 2020 at Docket No. M-2020-3020569. Prior to the Company's 2018 service life study, a service life study was performed in 2014 based on PECO's plant balances at December 31, 2013.

17. Q. Have you prepared exhibits presenting the results of PECO's depreciation studies?

A. Yes. PECO Exhibits CF-1, CF-2, and CF-3 reflect PECO's electric and common plant in service as of December 31, 2020, 2021, and 2022 respectively. Exhibits CF-1, CF-2, and CF-3 rely upon the service lives and depreciation rates developed in the Company's 2018 service life study.

18. Q. What is the purpose of the depreciation study?

A. PECO is relying principally on data for a FPFTY ending December 31, 2022 to support its proposed increase in revenue requirement in this case. Accordingly, the purpose of the depreciation study is to provide the basis to calculate the estimated 2022 annual depreciation accruals related to plant in service for ratemaking purposes and, using procedures approved by the PUC, to estimate PECO's book reserve at December 31, 2022.

PECO uses the remaining life method of depreciation, which calculates depreciation accruals designed to recover the original cost less accrued depreciation of utility plant over the estimated remaining life of that plant, by depreciable group.

19. Q. Please describe PECO Exhibits CF-1, CF-2, and CF-3.

A. PECO Exhibit CF-1 is titled "Annual Depreciation Accruals Related to Utility Plant in Service for 2020". This exhibit includes the results of the depreciation study related to the original cost of PECO's plant in service at December 31, 2020. The exhibit also includes the detailed depreciation calculations used to determine 2021 depreciation rates, which are used in calculating the estimated 2021 Annual Depreciation Accruals shown in PECO Exhibit CF-2.

PECO Exhibit CF-2 is titled "Estimated Annual Depreciation Accruals Related to Utility Plant in Service for 2021". This exhibit includes the results of the depreciation study related to the estimated original cost of PECO's plant in service at December 31, 2021. PECO Exhibit CF-2 includes PECO's FTY plant additions for electric and allocated common plant claimed in rate base in this case and reflects the depreciation accruals related to those additions in the column titled "2021 Estimated Annual Depreciation Accrual". PECO Exhibit CF-3 is titled "Estimated Annual Depreciation Accruals Related to Utility Plant in Service for 2022". This exhibit includes the results of the depreciation study related to the estimated original cost of PECO's plant in service at December 31, 2022. PECO Exhibit CF-3 includes PECO's FPFTY plant additions for electric and allocated common plant claimed in rate base in this case and reflects the depreciation accruals related to those additions in the column titled "2022 Estimated Depreciation Accrual".

20. Q. Has the Commission previously approved PECO's use of the remaining-life method of depreciation?

A. Yes. In 1984, in PECO's rate proceeding at Docket No. R-842590, the Commission approved PECO's use of the remaining life method and also approved PECO's adjusted book reserve as the measure of accrued depreciation for ratemaking. PECO has employed the remaining-life method in each of the Annual Depreciation Reports filed with the Commission since it adopted the remaining life method.

21. Q. How was the accumulated depreciation recorded in the Company's book reserve ("accumulated depreciation") used in the calculation of annual depreciation?

A. The accumulated depreciation, by account, at December 31, 2020, is one of the factors used in calculating the annual depreciation accruals. The methodology used to calculate the annual depreciation accrual is consistent with the methodology described in the 2018 Depreciation Study (PECO Exhibit CF-4).

22. Q. How was the estimated accumulated depreciation at December 31, 2021 determined?

A. As shown in Exhibit CF-2, the December 31, 2021 estimated accumulated depreciation was developed by: (1) adding the 2021 estimated annual depreciation accruals to the actual accumulated depreciation by account as of January 1, 2021; (2) subtracting the estimated 2021 plant retirements by account; and (3) adding 2021 estimated salvage and subtracting estimated removal costs that are closed to the book reserve, by account. The 2021 annual depreciation accruals are estimated by adding

the following three items: (1) the estimated net book value of depreciable plant by account as of December 31, 2020, multiplied by the depreciation rates shown in PECO Exhibit CF-2; (2) the 2021 estimated plant additions multiplied by the depreciation rate (using a half-year convention) for the appropriate accounts; and (3) the 2021 estimated salvage or cost of removal multiplied by the depreciation rate (using a half-year convention) for the appropriate account.

23. Q. How was the estimated accumulated depreciation at December 31, 2022 determined?

A. As shown in PECO Exhibit CF-3, the December 31, 2022 estimated accumulated depreciation was developed by: (1) adding the 2022 estimated annual depreciation accruals to the estimated accumulated depreciation by account as of January 1, 2022; (2) subtracting the 2022 estimated plant retirements by account; and (3) adding 2022 estimated salvage and subtracting estimated removal costs that are closed to the book reserve, by account. The 2022 annual depreciation accruals are estimated by adding the following three items: (1) the estimated net book value balance of depreciable plant by account as of December 31, 2021, multiplied by the depreciation rates shown in PECO Exhibit CF-3; (2) the 2022 estimated plant additions multiplied by the depreciation rate (using a half-year convention) for the appropriate account; and (3) the 2022 estimated salvage or cost of removal multiplied by the depreciation rate (using a half-year convention) for the appropriate account.

24. Q. Have you prepared schedules that summarize the development of the original cost of gross plant, estimated accumulated depreciation, estimated net book value of depreciable plant, and estimated annual depreciation accruals, by property account, for utility plant in service at December 31, 2022?

A. Yes. PECO Exhibit CF-3 provides this information. The original cost of gross plant in service at December 31, 2022 was calculated by adding the estimated plant additions by account for 2022 to, and subtracting the estimated plant retirements for 2022 from, the estimated original cost of gross plant as of December 31, 2021. The estimated net book value of depreciable plant at December 31, 2022 was calculated by subtracting the estimated accumulated depreciation at December 31, 2022 from the estimated original cost of gross plant at December 31, 2022. The 2022 annual depreciation accruals were estimated by adding the following three items: (1) the estimated net book value balance of depreciable plant by account as of December 31, 2021, multiplied by the depreciation rates shown in PECO Exhibit CF-3; (2) the 2022 estimated plant additions multiplied by the depreciation rate (using a half-year convention) for the appropriate accounts; and (3) the 2022 estimated salvage or cost of removal multiplied by the depreciation rate (using a half- year convention) for the appropriate accounts.

V. CONCLUSION

25. Q. Does this complete your direct testimony at this time?

A. Yes, it does.

PECO Exhibit CF-1

Annual Depreciation Accruals Related to Utility Plant in Service for 2020

Summary –

This exhibit is based on the results of the 2018 Depreciation Study and updated to reflect the original cost of PECO's electric and common plant in service at December 31, 2020. The report also includes the detailed depreciation calculations used to determine 2021 depreciation rates, which are used in calculating the estimated 2021 Annual Depreciation Accruals shown in PECO Exhibit CF-2.

Note:
The system generated reports show the date for each utility account as of January 1, 2021. The balances as of December 31, 2020 are the same as the balances as of January 1, 2021.

Generation Arrangement Report

PECO Elect 361 Composite 2021

Account: PECO Elect 361 Composite
Dispersion: 50.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$9,398,845.22	50.00	49.53	0.9905	1.0000	$9,310,003.12	$187,976.90
2019	1.50	$13,423,360.13	50.00	48.59	0.9717	1.0000	$13,043,567.67	$268,467.20
2018	2.50	$24,212,439.84	50.00	47.65	0.9529	1.0000	$23,072,800.13	$484,248.80
2017	3.50	$17,953,908.46	50.00	46.71	0.9342	1.0000	$16,773,234.58	$359,078.17
2016	4.50	$3,152,170.23	50.00	45.78	0.9156	1.0000	$2,886,231.63	$63,043.40
2015	5.50	$12,280,648.73	50.00	44.86	0.8971	1.0000	$11,017,109.80	$245,612.97
2014	6.50	$6,165,690.82	50.00	43.93	0.8787	1.0000	$5,417,714.19	$123,313.82
2013	7.50	$1,560,836.44	50.00	43.02	0.8604	1.0000	$1,342,889.40	$31,216.73
2012	8.50	$2,124,938.94	50.00	42.11	0.8421	1.0000	$1,789,497.08	$42,498.78
2011	9.50	$10,738,476.04	50.00	41.20	0.8240	1.0000	$8,848,775.76	$214,769.52
2010	10.50	$3,605,992.91	50.00	40.30	0.8060	1.0000	$2,906,512.43	$72,119.86
2009	11.50	$1,865,848.50	50.00	39.41	0.7881	1.0000	$1,470,541.80	$37,316.97
2008	12.50	$2,459,133.71	50.00	38.52	0.7704	1.0000	$1,894,433.94	$49,182.67
2007	13.50	$13,025,351.52	50.00	37.64	0.7527	1.0000	$9,804,605.69	$260,507.03
2006	14.50	$1,556,495.11	50.00	36.76	0.7352	1.0000	$1,144,378.14	$31,129.90
2005	15.50	$737,477.20	50.00	35.89	0.7179	1.0000	$529,405.53	$14,749.54
2004	16.50	$1,765,497.39	50.00	35.03	0.7006	1.0000	$1,236,962.03	$35,309.95
2003	17.50	$770,890.68	50.00	34.18	0.6836	1.0000	$526,945.75	$15,417.81
2002	18.50	$1,343,516.72	50.00	33.33	0.6666	1.0000	$895,619.51	$26,870.33
2000	20.50	$130,331.23	50.00	31.66	0.6332	1.0000	$82,529.51	$2,606.62
1999	21.50	$116,951.93	50.00	30.84	0.6168	1.0000	$72,134.05	$2,339.04
1998	22.50	$619,482.91	50.00	30.02	0.6005	1.0000	$371,999.34	$12,389.66
1997	23.50	$107,059.39	50.00	29.22	0.5844	1.0000	$62,564.23	$2,141.19
1996	24.50	$1,772,920.80	50.00	28.42	0.5685	1.0000	$1,007,821.49	$35,458.42
1995	25.50	$309,864.32	50.00	27.63	0.5527	1.0000	$171,261.10	$6,197.29
1994	26.50	$406,913.28	50.00	26.86	0.5371	1.0000	$218,565.62	$8,138.27
1993	27.50	$648,306.26	50.00	26.09	0.5217	1.0000	$338,250.25	$12,966.13
1992	28.50	$940,759.30	50.00	25.33	0.5066	1.0000	$476,549.93	$18,815.19
1991	29.50	$1,496,690.94	50.00	24.58	0.4916	1.0000	$735,720.16	$29,933.82
1990	30.50	$819,838.58	50.00	23.84	0.4768	1.0000	$390,878.67	$16,396.77
1989	31.50	$2,166,574.90	50.00	23.11	0.4622	1.0000	$1,001,375.56	$43,331.50
1988	32.50	$3,454,433.69	50.00	22.39	0.4478	1.0000	$1,546,982.78	$69,088.67

Generation Arrangement Report

PECO Elect 361 Composite 2021

Account: PECO Elect 361 Composite
Dispersion: 50.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1987	33.50	$586,577.17	50.00	21.68	0.4337	1.0000	$254,383.56	$11,731.54
1986	34.50	$124,762.99	50.00	20.99	0.4197	1.0000	$52,369.03	$2,495.26
1985	35.50	$248,699.67	50.00	20.30	0.4061	1.0000	$100,986.73	$4,973.99
1984	36.50	$96,191.98	50.00	19.63	0.3926	1.0000	$37,765.47	$1,923.84
1983	37.50	$17,372.39	50.00	18.97	0.3794	1.0000	$6,591.09	$347.45
1982	38.50	$45,083.79	50.00	18.32	0.3665	1.0000	$16,521.11	$901.68
1981	39.50	$514,366.18	50.00	17.69	0.3538	1.0000	$181,967.50	$10,287.32
1980	40.50	$105,001.69	50.00	17.07	0.3414	1.0000	$35,843.66	$2,100.03
1979	41.50	$1,255,081.71	50.00	16.46	0.3292	1.0000	$413,227.58	$25,101.63
1978	42.50	$68,813.51	50.00	15.87	0.3174	1.0000	$21,842.73	$1,376.27
1977	43.50	$25,031.14	50.00	15.29	0.3059	1.0000	$7,656.97	$500.62
1976	44.50	$32,238.27	50.00	14.73	0.2947	1.0000	$9,500.34	$644.77
1975	45.50	$1,525,937.93	50.00	14.19	0.2838	1.0000	$433,068.87	$30,518.76
1974	46.50	$500,184.31	50.00	13.66	0.2733	1.0000	$136,677.15	$10,003.69
1973	47.50	$504,886.19	50.00	13.15	0.2630	1.0000	$132,804.19	$10,097.72
1972	48.50	$1,330,443.86	50.00	12.66	0.2532	1.0000	$336,825.79	$26,608.88
1971	49.50	$2,435,815.99	50.00	12.18	0.2436	1.0000	$593,465.88	$48,716.32
1970	50.50	$1,206,681.97	50.00	11.72	0.2345	1.0000	$282,925.26	$24,133.64
1969	51.50	$1,089,703.87	50.00	11.28	0.2256	1.0000	$245,884.94	$21,794.08
1968	52.50	$313,087.08	50.00	10.86	0.2172	1.0000	$67,992.38	$6,261.74
1967	53.50	$607,118.32	50.00	10.45	0.2090	1.0000	$126,910.11	$12,142.37
1966	54.50	$1,302,208.56	50.00	10.06	0.2012	1.0000	$262,065.17	$26,044.17
1965	55.50	$280,278.82	50.00	9.69	0.1938	1.0000	$54,314.09	$5,605.58
1964	56.50	$401,142.23	50.00	9.33	0.1866	1.0000	$74,871.13	$8,022.84
1963	57.50	$1,107,112.02	50.00	8.99	0.1798	1.0000	$199,068.63	$22,142.24
1962	58.50	$218,138.04	50.00	8.66	0.1733	1.0000	$37,796.19	$4,362.76
1961	59.50	$657,639.55	50.00	8.35	0.1670	1.0000	$109,822.29	$13,152.79
1960	60.50	$478,446.27	50.00	8.05	0.1610	1.0000	$77,017.98	$9,568.93
1959	61.50	$242,078.17	50.00	7.76	0.1552	1.0000	$37,566.99	$4,841.56
1958	62.50	$554,203.44	50.00	7.48	0.1496	1.0000	$82,910.42	$11,084.07
1957	63.50	$534,067.98	50.00	7.21	0.1442	1.0000	$77,019.95	$10,681.36
1956	64.50	$847,202.40	50.00	6.95	0.1390	1.0000	$117,740.70	$16,944.05

Generation Arrangement Report

PECO Elect 361 Composite 2021

Account: PECO Elect 361 Composite
Dispersion: 50.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1955	65.50	$493,970.03	50.00	6.69	0.1339	1.0000	$66,137.38	$9,879.40
1954	66.50	$543,346.91	50.00	6.45	0.1289	1.0000	$70,048.13	$10,866.94
1953	67.50	$269,807.01	50.00	6.20	0.1241	1.0000	$33,471.32	$5,396.14
1952	68.50	$103,881.92	50.00	5.96	0.1193	1.0000	$12,390.69	$2,077.64
1951	69.50	$91,359.91	50.00	5.73	0.1146	1.0000	$10,468.49	$1,827.20
1950	70.50	$238,346.98	50.00	5.50	0.1100	1.0000	$26,208.95	$4,766.94
1949	71.50	$254,191.18	50.00	5.27	0.1054	1.0000	$26,792.88	$5,083.82
1948	72.50	$154,480.91	50.00	5.05	0.1009	1.0000	$15,588.98	$3,089.62
1947	73.50	$2,656,471.75	50.00	4.82	0.0965	1.0000	$256,283.53	$53,129.44
1946	74.50	$19,420.13	50.00	4.60	0.0921	1.0000	$1,788.42	$388.40
1945	75.50	$4,259.31	50.00	4.39	0.0877	1.0000	$373.72	$85.19
1944	76.50	$130,918.06	50.00	4.17	0.0834	1.0000	$10,919.97	$2,618.36
1943	77.50	$44,617.52	50.00	3.95	0.0791	1.0000	$3,527.57	$892.35
1942	78.50	$305,128.33	50.00	3.73	0.0747	1.0000	$22,779.14	$6,102.57
1941	79.50	$16,516.85	50.00	3.51	0.0701	1.0000	$1,158.44	$330.34
1940	80.50	$4,558.58	50.00	3.27	0.0655	1.0000	$298.38	$91.17
1939	81.50	$3,127.65	50.00	3.03	0.0606	1.0000	$189.39	$62.55
1938	82.50	$8,968.05	50.00	2.77	0.0554	1.0000	$496.95	$179.36
1937	83.50	$192.77	50.00	2.50	0.0501	1.0000	$9.65	$3.86
1936	84.50	$155.83	50.00	2.23	0.0446	1.0000	$6.95	$3.12
1935	85.50	$2,714.24	50.00	1.96	0.0392	1.0000	$106.50	$54.28
1934	86.50	$1,550.98	50.00	1.70	0.0340	1.0000	$52.67	$31.02
1933	87.50	$2,752.59	50.00	1.44	0.0288	1.0000	$79.39	$55.05
1932	88.50	$71,616.95	50.00	1.20	0.0239	1.0000	$1,712.04	$1,432.34
1931	89.50	$91,044.93	50.00	0.96	0.0193	1.0000	$1,754.58	$1,820.90
1930	90.50	$50,123.06	50.00	0.77	0.0154	1.0000	$770.14	$1,002.46
1929	91.50	$177,812.48	50.00	0.64	0.0128	1.0000	$2,277.76	$3,556.25
1928	92.50	$37,409.49	50.00	0.25	0.0050	1.0000	$186.95	$748.19
1927	93.50	$100,902.75	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1926	94.50	$83,083.47	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1925	95.50	$191,558.10	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1924	96.50	$1,161.52	50.00	0.00	0.0000	0.0000	$0.00	$0.00

Generation Arrangement Report

PECO Elect 361 Composite 2021

Account: PECO Elect 361 Composite
Dispersion: 50.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1923	97.50	$21,156.62	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1922	98.50	$2,610.73	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1920	100.50	$145.31	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1918	102.50	$109.37	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1917	103.50	$436,865.41	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1916	104.50	$233.39	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1915	105.50	$425.69	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1914	106.50	$35,689.99	50.00	0.00	0.0000	0.0000	$0.00	$0.00
1913	107.50	$110.36	50.00	0.00	0.0000	0.0000	$0.00	$0.00
		$167,040,040.72	50.00	37.79	0.7518	1.0000	$125,579,143.67	$3,323,319.76

Remaining Life Depreciation Accrual

Account: PECO Elect 361 Composite
Scenario: PECO Elect 361 Composite 2021
Dispersion: 50.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$167,040,040.72	37.79	$3,332,614.45	1.995099%	2.646395%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,495,456.54)	0.50	($24,954.57)	1.000000%	
Total:	$167,040,040.72 *		$3,307,659.88	1.980160%	2.626578%
Average:	$165,792,312.45		$3,307,659.88	1.995062%	2.652863%
Grand Total:	$167,040,040.72 *		$3,307,659.88	1.980160%	2.626578%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elec 362.0 Composite 2021

Account: PECO Elec 362.0 Composite
Dispersion: 53.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$14,232,369.92	53.00	52.51	0.9907	1.0000	$14,100,091.00	$268,535.28
2019	1.50	$47,634,595.40	53.00	51.52	0.9722	1.0000	$46,308,879.16	$898,765.95
2018	2.50	$37,659,624.19	53.00	50.54	0.9537	1.0000	$35,914,648.43	$710,558.95
2017	3.50	$37,787,798.31	53.00	49.57	0.9352	1.0000	$35,339,416.86	$712,977.33
2016	4.50	$43,114,877.82	53.00	48.59	0.9168	1.0000	$39,529,172.44	$813,488.26
2015	5.50	$36,953,524.45	53.00	47.62	0.8985	1.0000	$33,202,907.65	$697,236.31
2014	6.50	$28,932,120.98	53.00	46.65	0.8802	1.0000	$25,467,258.28	$545,889.08
2013	7.50	$19,502,264.33	53.00	45.69	0.8621	1.0000	$16,811,949.35	$367,967.25
2012	8.50	$17,122,324.84	53.00	44.73	0.8439	1.0000	$14,450,190.23	$323,062.73
2011	9.50	$50,639,021.05	53.00	43.77	0.8259	1.0000	$41,823,521.26	$955,453.23
2010	10.50	$27,650,178.31	53.00	42.82	0.8080	1.0000	$22,340,636.95	$521,701.48
2009	11.50	$28,492,844.20	53.00	41.88	0.7901	1.0000	$22,513,251.78	$537,600.83
2008	12.50	$39,720,274.35	53.00	40.94	0.7724	1.0000	$30,679,593.66	$749,439.14
2007	13.50	$31,959,833.35	53.00	40.00	0.7548	1.0000	$24,122,612.58	$603,015.72
2006	14.50	$31,665,408.53	53.00	39.08	0.7373	1.0000	$23,345,910.88	$597,460.54
2005	15.50	$10,262,132.64	53.00	38.15	0.7199	1.0000	$7,387,432.89	$193,625.14
2004	16.50	$17,262,388.75	53.00	37.24	0.7026	1.0000	$12,128,605.84	$325,705.45
2003	17.50	$16,832,914.05	53.00	36.33	0.6855	1.0000	$11,538,310.25	$317,602.15
2002	18.50	$7,392,127.07	53.00	35.43	0.6685	1.0000	$4,941,335.05	$139,474.10
2001	19.50	$35,035,917.51	53.00	34.53	0.6516	1.0000	$22,829,153.98	$661,055.05
2000	20.50	$10,609,895.42	53.00	33.65	0.6349	1.0000	$6,735,952.97	$200,186.71
1999	21.50	$13,369,863.97	53.00	32.77	0.6183	1.0000	$8,266,674.23	$252,261.58
1998	22.50	$30,202,573.09	53.00	31.90	0.6019	1.0000	$18,179,602.26	$569,859.87
1997	23.50	$7,419,804.80	53.00	31.04	0.5857	1.0000	$4,345,603.34	$139,996.32
1996	24.50	$18,410,319.11	53.00	30.19	0.5696	1.0000	$10,486,431.64	$347,364.51
1995	25.50	$15,321,567.74	53.00	29.34	0.5537	1.0000	$8,483,210.92	$289,086.18
1994	26.50	$7,139,622.33	53.00	28.51	0.5379	1.0000	$3,840,600.99	$134,709.86
1993	27.50	$28,989,513.62	53.00	27.68	0.5224	1.0000	$15,142,847.20	$546,971.96
1992	28.50	$33,485,832.36	53.00	26.87	0.5070	1.0000	$16,976,019.47	$631,808.16
1991	29.50	$24,162,687.07	53.00	26.06	0.4917	1.0000	$11,881,906.34	$455,899.76
1990	30.50	$37,958,626.05	53.00	25.27	0.4767	1.0000	$18,095,650.64	$716,200.49
1989	31.50	$29,580,767.70	53.00	24.48	0.4619	1.0000	$13,664,135.88	$558,127.69

Generation Arrangement Report

PECO Elec 362.0 Composite 2021

Account: PECO Elec 362.0 Composite
Dispersion: 53.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$26,537,655.45	53.00	23.71	0.4473	1.0000	$11,870,167.57	$500,710.48
1987	33.50	$15,035,183.92	53.00	22.94	0.4329	1.0000	$6,508,095.08	$283,682.72
1986	34.50	$8,214,484.48	53.00	22.19	0.4186	1.0000	$3,438,782.13	$154,990.27
1985	35.50	$6,605,556.76	53.00	21.44	0.4046	1.0000	$2,672,608.75	$124,633.15
1984	36.50	$7,866,035.59	53.00	20.71	0.3908	1.0000	$3,074,006.89	$148,415.77
1983	37.50	$4,135,158.25	53.00	19.99	0.3772	1.0000	$1,559,814.70	$78,021.85
1982	38.50	$1,631,199.58	53.00	19.28	0.3638	1.0000	$593,509.78	$30,777.35
1981	39.50	$4,732,173.19	53.00	18.59	0.3507	1.0000	$1,659,718.52	$89,286.29
1980	40.50	$2,383,360.06	53.00	17.91	0.3379	1.0000	$805,384.23	$44,969.06
1979	41.50	$3,908,181.97	53.00	17.24	0.3253	1.0000	$1,271,405.33	$73,739.28
1978	42.50	$1,197,001.19	53.00	16.59	0.3130	1.0000	$374,639.86	$22,584.93
1977	43.50	$2,828,228.89	53.00	15.95	0.3009	1.0000	$851,074.05	$53,362.81
1976	44.50	$543,115.17	53.00	15.32	0.2891	1.0000	$157,037.29	$10,247.46
1975	45.50	$9,343,271.99	53.00	14.72	0.2777	1.0000	$2,594,249.21	$176,288.15
1974	46.50	$15,095,347.20	53.00	14.12	0.2665	1.0000	$4,022,587.56	$284,817.87
1973	47.50	$7,623,928.32	53.00	13.55	0.2556	1.0000	$1,948,758.72	$143,847.70
1972	48.50	$15,929,736.11	53.00	12.99	0.2451	1.0000	$3,903,745.23	$300,561.06
1971	49.50	$16,072,173.61	53.00	12.45	0.2349	1.0000	$3,775,401.38	$303,248.56
1970	50.50	$11,783,607.63	53.00	11.93	0.2250	1.0000	$2,651,594.95	$222,332.22
1969	51.50	$14,689,674.46	53.00	11.42	0.2155	1.0000	$3,165,387.59	$277,163.67
1968	52.50	$7,391,019.31	53.00	10.93	0.2063	1.0000	$1,524,616.80	$139,453.19
1967	53.50	$6,675,233.61	53.00	10.46	0.1974	1.0000	$1,317,807.21	$125,947.80
1966	54.50	$3,906,717.37	53.00	10.01	0.1889	1.0000	$737,955.31	$73,711.65
1965	55.50	$3,422,767.07	53.00	9.58	0.1807	1.0000	$618,516.78	$64,580.51
1964	56.50	$4,235,309.11	53.00	9.16	0.1729	1.0000	$732,085.48	$79,911.49
1963	57.50	$5,757,926.16	53.00	8.76	0.1653	1.0000	$951,968.02	$108,640.12
1962	58.50	$3,219,701.68	53.00	8.38	0.1581	1.0000	$509,069.57	$60,749.09
1961	59.50	$5,136,088.39	53.00	8.01	0.1512	1.0000	$776,551.21	$96,907.33
1960	60.50	$5,214,816.78	53.00	7.66	0.1446	1.0000	$753,876.80	$98,392.77
1959	61.50	$4,939,751.84	53.00	7.33	0.1382	1.0000	$682,730.90	$93,202.86
1958	62.50	$5,695,263.55	53.00	7.00	0.1321	1.0000	$752,436.81	$107,457.80
1957	63.50	$4,033,559.51	53.00	6.69	0.1263	1.0000	$509,307.98	$76,104.90

Generation Arrangement Report

PECO Elec 362.0 Composite 2021

Account: PECO Elec 362.0 Composite
Dispersion: 53.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$5,200,212.03	53.00	6.39	0.1206	1.0000	$627,315.91	$98,117.21
1955	65.50	$2,858,306.76	53.00	6.11	0.1152	1.0000	$329,292.71	$53,930.32
1954	66.50	$3,801,558.81	53.00	5.82	0.1098	1.0000	$417,415.91	$71,727.52
1953	67.50	$3,317,444.53	53.00	5.55	0.1046	1.0000	$347,085.12	$62,593.29
1952	68.50	$1,242,158.88	53.00	5.28	0.0996	1.0000	$123,668.58	$23,436.96
1951	69.50	$1,745,090.29	53.00	5.01	0.0946	1.0000	$165,063.04	$32,926.23
1950	70.50	$1,678,559.07	53.00	4.75	0.0897	1.0000	$150,534.55	$31,670.93
1949	71.50	$1,503,862.01	53.00	4.50	0.0848	1.0000	$127,567.85	$28,374.75
1948	72.50	$654,985.22	53.00	4.24	0.0800	1.0000	$52,405.06	$12,358.21
1947	73.50	$4,052,526.93	53.00	3.99	0.0752	1.0000	$304,849.62	$76,462.77
1946	74.50	$168,785.95	53.00	3.73	0.0705	1.0000	$11,894.56	$3,184.64
1945	75.50	$878,875.23	53.00	3.47	0.0654	1.0000	$57,497.18	$16,582.55
1944	76.50	$349,324.92	53.00	3.21	0.0606	1.0000	$21,158.53	$6,591.04
1943	77.50	$241,245.20	53.00	2.95	0.0557	1.0000	$13,445.63	$4,551.80
1942	78.50	$1,149,299.98	53.00	2.70	0.0509	1.0000	$58,534.59	$21,684.91
1941	79.50	$154,237.12	53.00	2.45	0.0462	1.0000	$7,122.19	$2,910.13
1940	80.50	$80,038.67	53.00	2.20	0.0415	1.0000	$3,321.91	$1,510.16
1939	81.50	$63,793.19	53.00	1.96	0.0369	1.0000	$2,356.69	$1,203.65
1938	82.50	$34,999.23	53.00	1.73	0.0326	1.0000	$1,140.07	$660.36
1937	83.50	$36,523.65	53.00	1.51	0.0285	1.0000	$1,041.61	$689.13
1936	84.50	$766.06	53.00	1.26	0.0237	1.0000	$18.19	$14.45
1934	86.50	$14.16	53.00	0.82	0.0155	1.0000	$0.22	$0.27
1933	87.50	$6,421.78	53.00	0.61	0.0116	1.0000	$74.22	$121.17
1932	88.50	$1,721,150.07	53.00	0.27	0.0051	1.0000	$8,759.21	$32,474.53
1931	89.50	$217,969.06	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1930	90.50	$219,006.61	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1929	91.50	$1,038,879.52	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1928	92.50	$54,680.31	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1927	93.50	$31,421.90	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1926	94.50	$71,344.91	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1925	95.50	$254,272.05	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1924	96.50	$685,851.60	53.00	0.00	0.0000	0.0000	$0.00	$0.00

Generation Arrangement Report

PECO Elec 362.0 Composite 2021

Account: PECO Elec 362.0 Composite
Dispersion: 53.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1923	97.50	$697,046.71	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1922	98.50	$3,989.45	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1921	99.50	$2,260.98	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1920	100.50	$53,310.47	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1919	101.50	$411.69	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1917	103.50	$1,954.83	53.00	0.00	0.0000	0.0000	$0.00	$0.00
1916	104.50	$19,559.81	53.00	0.00	0.0000	0.0000	$0.00	$0.00
		$1,106,578,981.15	53.00	33.17	0.6240	1.0000	$690,469,969.23	$20,815,604.17

Remaining Life Depreciation Accrual

Account: PECO Elec 362.0 Composite
Scenario: PECO Elec 362.0 Composite 2021
Dispersion: 53.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,106,578,981.15	33.17	$19,265,579.72	1.741004%	3.014701%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($17,132,282.48)	0.50	($161,625.31)	0.943396%	
Total:	$1,106,578,981.15 *		$19,103,954.41	1.726398%	2.989410%
Average:	$1,098,012,839.91		$19,103,954.41	1.739866%	3.030025%
Grand Total:	$1,106,578,981.15 *		$19,103,954.41	1.726398%	2.989410%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 364 Composite 2021

Account: PECO Electric 3640 PA
Dispersion: 53.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$106,548,987.36	53.00	52.55	0.9915	1.0000	$105,638,755.58	$2,010,358.25
2019	1.50	$66,202,813.76	53.00	51.64	0.9744	1.0000	$64,509,869.44	$1,249,109.69
2018	2.50	$52,837,457.04	53.00	50.75	0.9575	1.0000	$50,591,891.00	$996,933.15
2017	3.50	$30,266,496.34	53.00	49.86	0.9407	1.0000	$28,470,531.77	$571,065.97
2016	4.50	$26,025,455.97	53.00	48.97	0.9239	1.0000	$24,045,620.22	$491,046.34
2015	5.50	$25,220,816.07	53.00	48.09	0.9073	1.0000	$22,882,324.35	$475,864.45
2014	6.50	$26,996,735.81	53.00	47.21	0.8907	1.0000	$24,046,942.78	$509,372.37
2013	7.50	$20,939,043.11	53.00	46.34	0.8743	1.0000	$18,306,839.00	$395,076.29
2012	8.50	$22,619,217.55	53.00	45.47	0.8580	1.0000	$19,406,197.74	$426,777.69
2011	9.50	$26,950,978.34	53.00	44.61	0.8417	1.0000	$22,685,089.47	$508,509.03
2010	10.50	$23,423,252.51	53.00	43.76	0.8256	1.0000	$19,338,035.22	$441,948.16
2009	11.50	$15,303,434.93	53.00	42.91	0.8096	1.0000	$12,389,313.29	$288,744.06
2008	12.50	$20,812,934.52	53.00	42.06	0.7937	1.0000	$16,518,788.76	$392,696.88
2007	13.50	$16,111,440.31	53.00	41.23	0.7779	1.0000	$12,533,439.33	$303,989.44
2006	14.50	$21,122,758.50	53.00	40.40	0.7623	1.0000	$16,101,144.33	$398,542.61
2005	15.50	$21,797,063.37	53.00	39.58	0.7467	1.0000	$16,276,454.45	$411,265.35
2004	16.50	$10,598,093.53	53.00	38.76	0.7313	1.0000	$7,750,534.49	$199,964.03
2003	17.50	$28,553,064.64	53.00	37.95	0.7160	1.0000	$20,444,615.76	$538,737.07
2002	18.50	$27,099,227.06	53.00	37.15	0.7009	1.0000	$18,992,725.00	$511,306.17
2001	19.50	$37,738,708.91	53.00	36.35	0.6858	1.0000	$25,882,440.31	$712,051.11
2000	20.50	$7,793,989.39	53.00	35.56	0.6709	1.0000	$5,229,215.05	$147,056.40
1999	21.50	$20,283,340.69	53.00	34.78	0.6562	1.0000	$13,309,226.92	$382,704.54
1998	22.50	$15,352,920.17	53.00	34.00	0.6416	1.0000	$9,850,038.49	$289,677.74
1997	23.50	$12,723,202.73	53.00	33.24	0.6271	1.0000	$7,978,630.46	$240,060.43
1996	24.50	$17,003,747.04	53.00	32.48	0.6128	1.0000	$10,419,195.31	$320,825.42
1995	25.50	$9,746,502.31	53.00	31.72	0.5986	1.0000	$5,833,967.72	$183,896.27
1994	26.50	$9,712,910.71	53.00	30.98	0.5845	1.0000	$5,677,458.72	$183,262.47
1993	27.50	$12,941,634.61	53.00	30.24	0.5706	1.0000	$7,384,933.27	$244,181.79
1992	28.50	$11,932,813.46	53.00	29.52	0.5569	1.0000	$6,645,270.35	$225,147.42
1991	29.50	$8,642,533.39	53.00	28.80	0.5433	1.0000	$4,695,587.57	$163,066.67
1990	30.50	$10,948,596.39	53.00	28.08	0.5299	1.0000	$5,801,539.74	$206,577.29
1989	31.50	$12,382,547.68	53.00	27.38	0.5167	1.0000	$6,397,576.48	$233,632.98

Generation Arrangement Report

PECO Elect 364 Composite 2021

Account: PECO Electric 3640 PA
Dispersion: 53.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$9,923,895.21	53.00	26.69	0.5036	1.0000	$4,997,418.35	$187,243.31
1987	33.50	$11,147,319.36	53.00	26.00	0.4907	1.0000	$5,469,505.74	$210,326.78
1986	34.50	$8,888,740.87	53.00	25.33	0.4779	1.0000	$4,247,996.85	$167,712.09
1985	35.50	$7,585,182.03	53.00	24.66	0.4653	1.0000	$3,529,639.12	$143,116.64
1984	36.50	$5,942,055.66	53.00	24.01	0.4529	1.0000	$2,691,370.35	$112,114.26
1983	37.50	$4,251,680.39	53.00	23.36	0.4407	1.0000	$1,873,782.52	$80,220.38
1982	38.50	$4,295,706.48	53.00	22.72	0.4287	1.0000	$1,841,483.36	$81,051.07
1981	39.50	$3,573,422.20	53.00	22.09	0.4168	1.0000	$1,489,529.96	$67,423.06
1980	40.50	$3,108,155.97	53.00	21.48	0.4052	1.0000	$1,259,495.08	$58,644.45
1979	41.50	$2,891,446.53	53.00	20.87	0.3938	1.0000	$1,138,540.60	$54,555.59
1978	42.50	$3,096,123.10	53.00	20.27	0.3825	1.0000	$1,184,281.43	$58,417.42
1977	43.50	$2,951,084.57	53.00	19.69	0.3714	1.0000	$1,096,143.06	$55,680.84
1976	44.50	$2,364,484.56	53.00	19.11	0.3606	1.0000	$852,577.52	$44,612.92
1975	45.50	$2,430,957.09	53.00	18.55	0.3499	1.0000	$850,630.45	$45,867.11
1974	46.50	$3,613,598.26	53.00	17.99	0.3395	1.0000	$1,226,672.03	$68,181.10
1973	47.50	$2,934,489.21	53.00	17.45	0.3292	1.0000	$966,067.45	$55,367.72
1972	48.50	$2,593,012.00	53.00	16.92	0.3192	1.0000	$827,629.00	$48,924.75
1971	49.50	$2,565,979.38	53.00	16.40	0.3094	1.0000	$793,865.96	$48,414.71
1970	50.50	$3,725,842.11	53.00	15.89	0.2998	1.0000	$1,116,905.72	$70,298.91
1969	51.50	$3,708,694.84	53.00	15.39	0.2904	1.0000	$1,076,897.52	$69,975.37
1968	52.50	$2,079,551.28	53.00	14.90	0.2812	1.0000	$584,741.50	$39,236.82
1967	53.50	$1,500,319.60	53.00	14.43	0.2722	1.0000	$408,405.64	$28,307.92
1966	54.50	$1,237,090.37	53.00	13.96	0.2634	1.0000	$325,910.95	$23,341.33
1964	56.50	$1,816,807.50	53.00	13.07	0.2466	1.0000	$447,937.06	$34,279.39
1963	57.50	$1,700,085.40	53.00	12.64	0.2384	1.0000	$405,352.03	$32,077.08
1962	58.50	$1,693,914.34	53.00	12.22	0.2305	1.0000	$390,446.72	$31,960.65
1961	59.50	$1,941,869.08	53.00	11.81	0.2228	1.0000	$432,584.72	$36,639.04
1960	60.50	$1,630,239.65	53.00	11.41	0.2152	1.0000	$350,887.39	$30,759.24
1959	61.50	$1,270,566.29	53.00	11.02	0.2079	1.0000	$264,139.30	$23,972.95
1958	62.50	$1,507,795.41	53.00	10.64	0.2007	1.0000	$302,666.13	$28,448.97
1957	63.50	$896,399.08	53.00	10.27	0.1938	1.0000	$173,688.36	$16,913.19
1956	64.50	$888,387.60	53.00	9.91	0.1870	1.0000	$166,096.71	$16,762.03

Generation Arrangement Report

PECO Elect 364 Composite 2021

Account: PECO Electric 3640 PA
Dispersion: 53.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1955	65.50	$653,061.68	53.00	9.56	0.1803	1.0000	$117,769.14	$12,321.92
1954	66.50	$519,891.77	53.00	9.21	0.1738	1.0000	$90,366.09	$9,809.28
1953	67.50	$245,322.68	53.00	8.88	0.1675	1.0000	$41,084.81	$4,628.73
1951	69.50	$306,197.82	53.00	8.22	0.1552	1.0000	$47,518.19	$5,777.32
1950	70.50	$161,639.61	53.00	7.91	0.1492	1.0000	$24,120.36	$3,049.80
1949	71.50	$180,783.07	53.00	7.60	0.1434	1.0000	$25,917.39	$3,411.00
1948	72.50	$141,360.74	53.00	7.29	0.1376	1.0000	$19,450.03	$2,667.18
1947	73.50	$71,058.71	53.00	6.99	0.1319	1.0000	$9,373.69	$1,340.73
1946	74.50	$65,617.39	53.00	6.69	0.1263	1.0000	$8,287.47	$1,238.06
1945	75.50	$57,217.66	53.00	6.39	0.1206	1.0000	$6,901.61	$1,079.58
1944	76.50	$51,843.75	53.00	6.10	0.1151	1.0000	$5,965.12	$978.18
1943	77.50	$38,261.51	53.00	5.81	0.1095	1.0000	$4,191.07	$721.92
1942	78.50	$97,716.13	53.00	5.51	0.1040	1.0000	$10,166.38	$1,843.70
1941	79.50	($9,063.21)	53.00	5.22	0.0986	1.0000	($893.31)	($171.00)
1939	81.50	$7,623.75	53.00	4.65	0.0877	1.0000	$668.43	$143.84
1938	82.50	$12,086.86	53.00	4.36	0.0823	1.0000	$994.39	$228.05
1937	83.50	$5,293.37	53.00	4.08	0.0769	1.0000	$407.06	$99.87
1936	84.50	$12,740.30	53.00	3.78	0.0713	1.0000	$908.59	$240.38
1935	85.50	$10,303.90	53.00	3.49	0.0659	1.0000	$679.15	$194.41
1934	86.50	$4,832.95	53.00	3.21	0.0605	1.0000	$292.63	$91.19
1933	87.50	$3,674.12	53.00	2.93	0.0552	1.0000	$202.93	$69.32
1932	88.50	$2,440.20	53.00	2.65	0.0500	1.0000	$121.98	$46.04
1931	89.50	$3,432.42	53.00	2.38	0.0448	1.0000	$153.87	$64.76
1930	90.50	$3,213.70	53.00	2.11	0.0398	1.0000	$127.87	$60.64
1929	91.50	$11,550.22	53.00	1.85	0.0349	1.0000	$403.53	$217.93
1928	92.50	$2,227.17	53.00	1.61	0.0304	1.0000	$67.66	$42.02
1924	96.50	($20,888.12)	53.00	0.69	0.0130	1.0000	($271.14)	($394.12)
		$889,027,053.77	53.00	40.49	0.7640	1.0000	$679,232,455.99	$16,774,095.35

Remaining Life Depreciation Accrual

Account: PECO Electric 3640 PA
Scenario: PECO Elect 364 Composite 2021
Dispersion: 53.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$889,027,053.77	40.49	$18,369,914.30	2.066294%	2.469566%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($6,001,224.45)	0.50	($56,615.33)	0.943396%	
Total:	$889,027,053.77 *		$18,313,298.97	2.059926%	2.461955%
Average:	$886,026,441.55		$18,313,298.97	2.066902%	2.471927%
Grand Total:	$889,027,053.77 *		$18,313,298.97	2.059926%	2.461955%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 365 Composite 2021

Account: PECO Electric 3650 PA
Dispersion: 52.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$173,799,854.96	52.00	51.53	0.9909	1.0000	$172,220,022.19	$3,342,304.90
2019	1.50	$158,804,171.85	52.00	50.59	0.9728	1.0000	$154,483,227.56	$3,053,926.38
2018	2.50	$95,756,167.69	52.00	49.65	0.9547	1.0000	$91,421,238.92	$1,841,464.76
2017	3.50	$70,341,628.07	52.00	48.71	0.9367	1.0000	$65,892,242.59	$1,352,723.62
2016	4.50	$56,779,680.68	52.00	47.78	0.9188	1.0000	$52,171,561.37	$1,091,916.94
2015	5.50	$52,754,535.45	52.00	46.85	0.9010	1.0000	$47,532,269.86	$1,014,510.30
2014	6.50	$71,553,356.23	52.00	45.93	0.8833	1.0000	$63,200,829.51	$1,376,026.08
2013	7.50	$35,253,877.22	52.00	45.01	0.8656	1.0000	$30,517,350.37	$677,959.18
2012	8.50	$45,188,532.21	52.00	44.10	0.8481	1.0000	$38,323,953.48	$869,010.23
2011	9.50	$50,167,061.97	52.00	43.19	0.8306	1.0000	$41,670,384.05	$964,751.19
2010	10.50	$46,899,839.53	52.00	42.29	0.8133	1.0000	$38,142,713.36	$901,919.99
2009	11.50	$43,651,881.08	52.00	41.39	0.7960	1.0000	$34,748,210.89	$839,459.25
2008	12.50	$50,753,848.53	52.00	40.50	0.7789	1.0000	$39,531,716.36	$976,035.55
2007	13.50	$39,807,130.40	52.00	39.62	0.7619	1.0000	$30,327,990.51	$765,521.74
2006	14.50	$35,253,825.48	52.00	38.74	0.7450	1.0000	$26,263,027.83	$677,958.18
2005	15.50	$61,137,562.89	52.00	37.87	0.7282	1.0000	$44,519,627.25	$1,175,722.36
2004	16.50	$10,513,126.31	52.00	37.00	0.7115	1.0000	$7,480,481.65	$202,175.51
2003	17.50	$19,464,723.93	52.00	36.14	0.6950	1.0000	$13,528,258.36	$374,321.61
2002	18.50	$23,849,836.09	52.00	35.29	0.6786	1.0000	$16,185,195.18	$458,650.69
2001	19.50	$21,944,577.73	52.00	34.44	0.6624	1.0000	$14,535,867.39	$422,011.11
2000	20.50	$2,893,852.59	52.00	33.61	0.6463	1.0000	$1,870,355.47	$55,651.01
1999	21.50	$17,873,572.36	52.00	32.78	0.6304	1.0000	$11,267,064.32	$343,722.55
1998	22.50	$33,573,627.94	52.00	31.96	0.6146	1.0000	$20,633,827.47	$645,646.69
1997	23.50	$21,534,837.14	52.00	31.15	0.5989	1.0000	$12,898,170.26	$414,131.48
1996	24.50	$35,826,939.00	52.00	30.34	0.5835	1.0000	$20,903,748.99	$688,979.60
1995	25.50	$26,301,475.86	52.00	29.54	0.5681	1.0000	$14,943,087.52	$505,797.61
1994	26.50	$20,140,414.84	52.00	28.76	0.5530	1.0000	$11,137,526.81	$387,315.67
1993	27.50	$21,006,423.90	52.00	27.98	0.5380	1.0000	$11,301,809.69	$403,969.69
1992	28.50	$19,112,517.88	52.00	27.21	0.5232	1.0000	$9,999,722.72	$367,548.42
1991	29.50	$13,688,458.15	52.00	26.45	0.5086	1.0000	$6,961,615.57	$263,239.58
1990	30.50	$19,170,483.23	52.00	25.69	0.4941	1.0000	$9,472,566.71	$368,663.14
1989	31.50	$22,782,200.89	52.00	24.95	0.4799	1.0000	$10,932,165.12	$438,119.25

Generation Arrangement Report

PECO Elect 365 Composite 2021

Account: PECO Electric 3650 PA
Dispersion: 52.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$14,096,232.40	52.00	24.22	0.4658	1.0000	$6,565,754.99	$271,081.39
1987	33.50	$14,803,851.04	52.00	23.50	0.4520	1.0000	$6,690,607.50	$284,689.44
1986	34.50	$10,152,938.36	52.00	22.79	0.4383	1.0000	$4,449,831.15	$195,248.81
1985	35.50	$8,398,676.97	52.00	22.09	0.4248	1.0000	$3,567,865.28	$161,513.02
1984	36.50	$7,541,248.70	52.00	21.40	0.4116	1.0000	$3,103,674.21	$145,024.01
1983	37.50	$5,358,967.65	52.00	20.72	0.3985	1.0000	$2,135,665.06	$103,057.07
1982	38.50	$5,460,774.94	52.00	20.06	0.3857	1.0000	$2,106,284.83	$105,014.90
1981	39.50	$5,670,745.28	52.00	19.40	0.3731	1.0000	$2,115,942.41	$109,052.79
1980	40.50	$6,007,392.61	52.00	18.76	0.3608	1.0000	$2,167,433.34	$115,526.78
1979	41.50	$5,104,393.39	52.00	18.13	0.3487	1.0000	$1,779,931.43	$98,161.41
1978	42.50	$4,341,680.95	52.00	17.52	0.3369	1.0000	$1,462,619.55	$83,493.86
1977	43.50	$3,699,156.23	52.00	16.92	0.3253	1.0000	$1,203,373.60	$71,137.62
1976	44.50	$4,095,366.48	52.00	16.33	0.3140	1.0000	$1,286,018.98	$78,757.05
1975	45.50	$3,760,425.98	52.00	15.76	0.3030	1.0000	$1,139,449.14	$72,315.88
1974	46.50	$5,910,997.82	52.00	15.20	0.2924	1.0000	$1,728,111.93	$113,673.04
1973	47.50	$5,777,034.12	52.00	14.66	0.2819	1.0000	$1,628,826.21	$111,096.81
1972	48.50	$4,316,354.82	52.00	14.14	0.2719	1.0000	$1,173,403.06	$83,006.82
1971	49.50	$4,764,081.35	52.00	13.63	0.2621	1.0000	$1,248,488.13	$91,616.95
1970	50.50	$6,944,833.78	52.00	13.13	0.2526	1.0000	$1,754,232.19	$133,554.50
1969	51.50	$6,970,243.82	52.00	12.66	0.2434	1.0000	$1,696,867.77	$134,043.15
1968	52.50	$3,274,822.20	52.00	12.20	0.2346	1.0000	$768,331.70	$62,977.35
1967	53.50	$2,889,327.51	52.00	11.76	0.2261	1.0000	$653,332.81	$55,563.99
1966	54.50	$2,615,280.78	52.00	11.33	0.2179	1.0000	$569,975.19	$50,293.86
1965	55.50	$2,130,663.23	52.00	10.92	0.2101	1.0000	$447,615.53	$40,974.29
1964	56.50	$4,469,157.80	52.00	10.53	0.2025	1.0000	$905,203.60	$85,945.34
1963	57.50	$3,534,794.64	52.00	10.16	0.1953	1.0000	$690,390.81	$67,976.82
1962	58.50	$2,599,910.99	52.00	9.80	0.1884	1.0000	$489,777.85	$49,998.29
1961	59.50	$3,032,302.46	52.00	9.45	0.1817	1.0000	$551,021.79	$58,313.51
1960	60.50	$1,908,401.03	52.00	9.12	0.1753	1.0000	$334,607.93	$36,700.02
1959	61.50	$1,371,474.14	52.00	8.80	0.1692	1.0000	$232,071.35	$26,374.50
1958	62.50	$827,599.14	52.00	8.49	0.1633	1.0000	$135,171.05	$15,915.37
1957	63.50	$664,206.02	52.00	8.20	0.1577	1.0000	$104,724.26	$12,773.19

Generation Arrangement Report

PECO Elect 365 Composite 2021

Account: PECO Electric 3650 PA
Dispersion: 52.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$503,925.81	52.00	7.92	0.1522	1.0000	$76,703.41	$9,690.88
1955	65.50	$168,551.65	52.00	7.64	0.1469	1.0000	$24,767.18	$3,241.38
1954	66.50	$53,644.90	52.00	7.38	0.1418	1.0000	$7,609.03	$1,031.63
1953	67.50	$100,583.57	52.00	7.12	0.1369	1.0000	$13,767.31	$1,934.30
1952	68.50	$48,548.12	52.00	6.87	0.1321	1.0000	$6,410.91	$933.62
1951	69.50	$290,660.65	52.00	6.62	0.1273	1.0000	$37,009.46	$5,589.63
1950	70.50	$157,752.30	52.00	6.38	0.1227	1.0000	$19,358.12	$3,033.70
1949	71.50	$107,660.56	52.00	6.15	0.1182	1.0000	$12,723.16	$2,070.40
1948	72.50	$34,438.23	52.00	5.90	0.1135	1.0000	$3,909.77	$662.27
1947	73.50	$17,538.74	52.00	5.67	0.1091	1.0000	$1,913.26	$337.28
1946	74.50	$19,851.41	52.00	5.44	0.1047	1.0000	$2,078.59	$381.76
1945	75.50	$10,358.11	52.00	5.22	0.1004	1.0000	$1,039.82	$199.19
1944	76.50	$10,388.02	52.00	5.00	0.0961	1.0000	$998.51	$199.77
1943	77.50	$5,400.14	52.00	4.78	0.0919	1.0000	$496.31	$103.85
1942	78.50	$68,355.76	52.00	4.56	0.0877	1.0000	$5,996.85	$1,314.53
1941	79.50	($64,961.76)	52.00	4.35	0.0836	1.0000	($5,429.34)	($1,249.26)
1940	80.50	$1,912.92	52.00	4.13	0.0794	1.0000	$151.93	$36.79
1939	81.50	$3,950.82	52.00	3.91	0.0752	1.0000	$297.21	$75.98
1938	82.50	$111.36	52.00	3.69	0.0710	1.0000	$7.90	$2.14
1937	83.50	$53.58	52.00	3.46	0.0666	1.0000	$3.57	$1.03
1936	84.50	$24.07	52.00	3.22	0.0620	1.0000	$1.49	$0.46
1935	85.50	$16.51	52.00	2.96	0.0568	1.0000	$0.94	$0.32
1934	86.50	$39.81	52.00	2.69	0.0517	1.0000	$2.06	$0.77
1933	87.50	$17.83	52.00	2.42	0.0465	1.0000	$0.83	$0.34
1932	88.50	$3.94	52.00	2.15	0.0413	1.0000	$0.16	$0.08
1931	89.50	$6.44	52.00	1.88	0.0361	1.0000	$0.23	$0.12
		$1,581,612,192.20	52.00	40.11	0.7714	1.0000	$1,220,114,252.61	$30,415,619.08

Remaining Life Depreciation Accrual

Account: PECO Electric 3650 PA
Scenario: PECO Elect 365 Composite 2021
Dispersion: 52.00 - R2.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,581,612,192.20	40.11	$32,186,209.44	2.035025%	2.492850%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($9,159,953.19)	0.50	($88,076.47)	0.961538%	
Total:	$1,581,612,192.20 *		$32,098,132.97	2.029457%	2.486028%
Average:	$1,577,032,215.61		$32,098,132.97	2.035350%	2.494878%
Grand Total:	$1,581,612,192.20 *		$32,098,132.97	2.029457%	2.486028%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 366 Composite 2021

Account: PECO Electric 3660 PA
Dispersion: 70.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$30,220,798.83	70.00	69.50	0.9929	1.0000	$30,005,150.67	$431,725.70
2019	1.50	$60,484,788.08	70.00	68.50	0.9786	1.0000	$59,189,967.17	$864,068.40
2018	2.50	$28,981,406.54	70.00	67.50	0.9643	1.0000	$27,947,251.98	$414,020.09
2017	3.50	$14,769,549.87	70.00	66.50	0.9501	1.0000	$14,031,932.75	$210,993.57
2016	4.50	$26,562,781.37	70.00	65.51	0.9358	1.0000	$24,857,186.51	$379,468.31
2015	5.50	$20,327,341.80	70.00	64.51	0.9215	1.0000	$18,732,461.77	$290,390.60
2014	6.50	$14,049,863.20	70.00	63.51	0.9073	1.0000	$12,747,204.67	$200,712.33
2013	7.50	$8,888,332.89	70.00	62.51	0.8930	1.0000	$7,937,578.90	$126,976.18
2012	8.50	$7,897,598.49	70.00	61.52	0.8788	1.0000	$6,940,406.95	$112,822.84
2011	9.50	$16,308,586.02	70.00	60.52	0.8646	1.0000	$14,100,015.96	$232,979.80
2010	10.50	$7,734,680.22	70.00	59.52	0.8504	1.0000	$6,577,199.21	$110,495.43
2009	11.50	$12,644,055.93	70.00	58.53	0.8361	1.0000	$10,572,226.29	$180,629.37
2008	12.50	$4,876,681.74	70.00	57.54	0.8219	1.0000	$4,008,364.97	$69,666.88
2007	13.50	$11,780,918.77	70.00	56.54	0.8078	1.0000	$9,516,232.87	$168,298.84
2006	14.50	$5,013,770.41	70.00	55.55	0.7936	1.0000	$3,978,962.40	$71,625.29
2005	15.50	$5,710,625.75	70.00	54.56	0.7795	1.0000	$4,451,194.77	$81,580.37
2004	16.50	$4,264,785.22	70.00	53.57	0.7653	1.0000	$3,263,979.96	$60,925.50
2003	17.50	$9,069,232.30	70.00	52.59	0.7512	1.0000	$6,813,092.84	$129,560.46
2002	18.50	$7,197,320.37	70.00	51.60	0.7372	1.0000	$5,305,590.67	$102,818.86
2001	19.50	$14,913,453.74	70.00	50.62	0.7231	1.0000	$10,784,103.65	$213,049.34
2000	20.50	$920,523.47	70.00	49.64	0.7091	1.0000	$652,744.58	$13,150.34
1999	21.50	$2,533,556.32	70.00	48.66	0.6951	1.0000	$1,761,129.56	$36,193.66
1998	22.50	$3,094,700.83	70.00	47.68	0.6812	1.0000	$2,108,063.60	$44,210.01
1997	23.50	$5,522,387.69	70.00	46.71	0.6673	1.0000	$3,684,979.63	$78,891.25
1996	24.50	$5,184,735.29	70.00	45.74	0.6534	1.0000	$3,387,912.09	$74,067.65
1995	25.50	$5,301,694.60	70.00	44.78	0.6396	1.0000	$3,391,217.79	$75,738.49
1994	26.50	$3,397,058.40	70.00	43.81	0.6259	1.0000	$2,126,217.39	$48,529.41
1993	27.50	$7,757,044.81	70.00	42.86	0.6122	1.0000	$4,749,040.34	$110,814.93
1992	28.50	$3,737,045.65	70.00	41.90	0.5986	1.0000	$2,236,981.12	$53,386.37
1991	29.50	$4,241,770.75	70.00	40.95	0.5851	1.0000	$2,481,684.50	$60,596.73
1990	30.50	$17,881,310.33	70.00	40.01	0.5716	1.0000	$10,220,376.89	$255,447.29
1989	31.50	$5,763,838.95	70.00	39.07	0.5582	1.0000	$3,217,306.97	$82,340.56

Generation Arrangement Report

PECO Elect 366 Composite 2021

Account: PECO Electric 3660 PA
Dispersion: 70.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$5,184,970.62	70.00	38.14	0.5449	1.0000	$2,825,240.71	$74,071.01
1987	33.50	$6,222,427.65	70.00	37.22	0.5317	1.0000	$3,308,199.16	$88,891.82
1986	34.50	$2,944,902.96	70.00	36.30	0.5185	1.0000	$1,527,075.64	$42,070.04
1985	35.50	$2,738,427.60	70.00	35.39	0.5055	1.0000	$1,384,297.75	$39,120.39
1984	36.50	$3,129,698.58	70.00	34.48	0.4926	1.0000	$1,541,723.19	$44,709.98
1983	37.50	$2,636,155.65	70.00	33.58	0.4798	1.0000	$1,264,779.60	$37,659.37
1982	38.50	$2,322,607.16	70.00	32.70	0.4671	1.0000	$1,084,930.74	$33,180.10
1981	39.50	$2,605,436.83	70.00	31.82	0.4546	1.0000	$1,184,330.96	$37,220.53
1980	40.50	$1,964,915.11	70.00	30.95	0.4421	1.0000	$868,694.66	$28,070.22
1979	41.50	$1,990,778.19	70.00	30.09	0.4298	1.0000	$855,662.50	$28,439.69
1978	42.50	$1,027,046.41	70.00	29.23	0.4176	1.0000	$428,907.50	$14,672.09
1977	43.50	$1,364,450.96	70.00	28.39	0.4056	1.0000	$553,418.67	$19,492.16
1976	44.50	$4,650,053.81	70.00	27.56	0.3937	1.0000	$1,830,593.26	$66,429.34
1975	45.50	$2,399,627.38	70.00	26.74	0.3820	1.0000	$916,538.98	$34,280.39
1974	46.50	$4,475,241.49	70.00	25.93	0.3704	1.0000	$1,657,478.13	$63,932.02
1973	47.50	$3,779,963.93	70.00	25.12	0.3589	1.0000	$1,356,617.39	$53,999.48
1972	48.50	$5,359,228.75	70.00	24.33	0.3476	1.0000	$1,862,982.16	$76,560.41
1971	49.50	$6,668,151.94	70.00	23.55	0.3364	1.0000	$2,243,468.96	$95,259.31
1970	50.50	$9,364,823.94	70.00	22.78	0.3255	1.0000	$3,048,144.38	$133,783.20
1969	51.50	$7,150,559.89	70.00	22.02	0.3146	1.0000	$2,249,662.51	$102,150.86
1968	52.50	$6,609,775.87	70.00	21.28	0.3040	1.0000	$2,009,184.20	$94,425.37
1967	53.50	$5,193,162.18	70.00	20.54	0.2935	1.0000	$1,523,984.05	$74,188.03
1966	54.50	$3,560,945.45	70.00	19.81	0.2831	1.0000	$1,007,963.94	$50,870.65
1965	55.50	$3,893,437.37	70.00	19.10	0.2729	1.0000	$1,062,361.75	$55,620.53
1964	56.50	$4,606,878.61	70.00	18.39	0.2627	1.0000	$1,210,427.42	$65,812.55
1963	57.50	$2,517,493.39	70.00	17.70	0.2528	1.0000	$636,499.28	$35,964.19
1962	58.50	$1,992,914.16	70.00	17.01	0.2430	1.0000	$484,240.74	$28,470.20
1961	59.50	$2,410,793.22	70.00	16.33	0.2334	1.0000	$562,566.81	$34,439.90
1960	60.50	$1,585,062.38	70.00	15.67	0.2239	1.0000	$354,832.54	$22,643.75
1959	61.50	$1,608,753.27	70.00	15.02	0.2145	1.0000	$345,084.53	$22,982.19
1958	62.50	$883,740.33	70.00	14.38	0.2054	1.0000	$181,539.07	$12,624.86
1957	63.50	$1,688,384.14	70.00	13.76	0.1965	1.0000	$331,771.41	$24,119.77

Generation Arrangement Report

PECO Elect 366 Composite 2021

Account: PECO Electric 3660 PA
Dispersion: 70.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$2,935,636.68	70.00	13.16	0.1880	1.0000	$551,756.75	$41,937.67
1955	65.50	$1,108,372.62	70.00	12.57	0.1796	1.0000	$199,046.10	$15,833.89
1954	66.50	$1,346,253.06	70.00	12.02	0.1717	1.0000	$231,107.76	$19,232.19
1953	67.50	$985,854.04	70.00	11.48	0.1640	1.0000	$161,723.74	$14,083.63
1952	68.50	$791,399.81	70.00	10.97	0.1567	1.0000	$124,013.41	$11,305.71
1951	69.50	$2,304,925.33	70.00	10.48	0.1498	1.0000	$345,175.09	$32,927.50
1950	70.50	$2,042,896.07	70.00	10.02	0.1431	1.0000	$292,288.12	$29,184.23
1949	71.50	$1,629,762.62	70.00	9.57	0.1368	1.0000	$222,909.92	$23,282.32
1948	72.50	$1,645,466.01	70.00	9.15	0.1307	1.0000	$215,113.54	$23,506.66
1947	73.50	$2,229,883.07	70.00	8.75	0.1250	1.0000	$278,742.66	$31,855.47
1946	74.50	$159,262.33	70.00	8.37	0.1195	1.0000	$19,036.53	$2,275.18
1945	75.50	$131,618.92	70.00	8.00	0.1143	1.0000	$15,044.82	$1,880.27
1944	76.50	$111,148.81	70.00	7.65	0.1093	1.0000	$12,147.16	$1,587.84
1943	77.50	$53,451.15	70.00	7.32	0.1045	1.0000	$5,586.71	$763.59
1942	78.50	$1,559,727.06	70.00	6.99	0.0999	1.0000	$155,757.59	$22,281.82
1941	79.50	$422,180.77	70.00	6.68	0.0955	1.0000	$40,310.22	$6,031.15
1940	80.50	$50,729.79	70.00	6.38	0.0911	1.0000	$4,620.89	$724.71
1939	81.50	$52,936.10	70.00	6.08	0.0868	1.0000	$4,597.05	$756.23
1938	82.50	$59,665.49	70.00	5.80	0.0828	1.0000	$4,940.18	$852.36
1937	83.50	$56,281.70	70.00	5.51	0.0787	1.0000	$4,429.74	$804.02
1936	84.50	$99,936.72	70.00	5.24	0.0749	1.0000	$7,482.52	$1,427.67
1935	85.50	$137,699.03	70.00	4.96	0.0709	1.0000	$9,759.79	$1,967.13
1934	86.50	$782,698.11	70.00	4.71	0.0672	1.0000	$52,614.30	$11,181.40
1933	87.50	$728,845.09	70.00	4.43	0.0633	1.0000	$46,131.58	$10,412.07
1932	88.50	$657,036.24	70.00	4.16	0.0595	1.0000	$39,067.33	$9,386.23
1931	89.50	$928,131.25	70.00	3.91	0.0559	1.0000	$51,845.29	$13,259.02
1930	90.50	$695,696.61	70.00	3.64	0.0521	1.0000	$36,219.15	$9,938.52
1929	91.50	$332,335.29	70.00	3.40	0.0486	1.0000	$16,164.37	$4,747.65
1928	92.50	$1,526,146.65	70.00	3.14	0.0449	1.0000	$68,505.73	$21,802.09
1927	93.50	$1,888,042.50	70.00	2.92	0.0417	1.0000	$78,766.58	$26,972.04
1926	94.50	$1,007,481.00	70.00	2.66	0.0381	1.0000	$38,335.56	$14,392.59
1925	95.50	$1,193,457.75	70.00	2.42	0.0345	1.0000	$41,189.25	$17,049.40

Generation Arrangement Report

PECO Elect 366 Composite 2021

Account: PECO Electric 3660 PA
Dispersion: 70.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1924	96.50	$1,049,241.77	70.00	2.20	0.0314	1.0000	$32,983.74	$14,989.17
1923	97.50	$472,242.86	70.00	1.96	0.0279	1.0000	$13,193.39	$6,746.33
1922	98.50	$225,349.61	70.00	1.77	0.0253	1.0000	$5,690.10	$3,219.28
1921	99.50	$201,647.40	70.00	1.53	0.0218	1.0000	$4,393.14	$2,880.68
1920	100.50	$157,589.43	70.00	1.38	0.0197	1.0000	$3,110.57	$2,251.28
1919	101.50	$258,510.52	70.00	1.16	0.0166	1.0000	$4,284.98	$3,693.01
1918	102.50	$62,586.96	70.00	0.94	0.0134	1.0000	$839.12	$894.10
1917	103.50	$99,894.90	70.00	0.81	0.0116	1.0000	$1,161.80	$1,427.07
1916	104.50	$102,932.07	70.00	0.60	0.0086	1.0000	$882.29	$1,470.46
1915	105.50	$15,059.95	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1914	106.50	$103,591.48	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1913	107.50	$235,581.64	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1912	108.50	$99,909.88	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1911	109.50	$341,314.72	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1910	110.50	$60,823.55	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1909	111.50	$40,880.29	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1908	112.50	$108,484.69	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1907	113.50	$74,418.43	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1906	114.50	$61,002.20	70.00	0.00	0.0000	0.0000	$0.00	$0.00
1905	115.50	$1,972,385.28	70.00	0.00	0.0000	0.0000	$0.00	$0.00
		$526,961,453.15	70.00	49.03	0.6963	1.0000	$366,921,930.54	$7,483,542.87

Remaining Life Depreciation Accrual

Account: PECO Electric 3660 PA
Scenario: PECO Elect 366 Composite 2021
Dispersion: 70.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$526,961,453.15	49.03	$7,289,002.56	1.383214%	2.039546%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($5,590,628.68)	0.50	($39,933.06)	0.714286%	
Total:	$526,961,453.15 *		$7,249,069.50	1.375636%	2.028373%
Average:	$524,166,138.81		$7,249,069.50	1.382972%	2.044363%
Grand Total:	$526,961,453.15 *		$7,249,069.50	1.375636%	2.028373%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 367 Composite 2021

Account: PECO Electric 3670 PA
Dispersion: 54.00 - S0.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$76,505,706.74	54.00	53.50	0.9908	1.0000	$75,804,287.11	$1,416,772.35
2019	1.50	$93,880,066.17	54.00	52.53	0.9729	1.0000	$91,331,311.32	$1,738,519.74
2018	2.50	$77,716,696.79	54.00	51.58	0.9553	1.0000	$74,239,626.38	$1,439,198.09
2017	3.50	$63,112,822.95	54.00	50.66	0.9381	1.0000	$59,204,216.79	$1,168,755.98
2016	4.50	$72,034,531.04	54.00	49.74	0.9212	1.0000	$66,355,973.90	$1,333,972.80
2015	5.50	$56,257,249.77	54.00	48.85	0.9046	1.0000	$50,889,719.61	$1,041,800.92
2014	6.50	$45,693,845.56	54.00	47.97	0.8883	1.0000	$40,590,406.86	$846,182.33
2013	7.50	$44,841,319.80	54.00	47.11	0.8723	1.0000	$39,116,220.84	$830,394.81
2012	8.50	$36,482,507.88	54.00	46.26	0.8566	1.0000	$31,252,296.41	$675,602.00
2011	9.50	$53,207,381.13	54.00	45.43	0.8412	1.0000	$44,759,333.25	$985,321.87
2010	10.50	$35,503,826.62	54.00	44.61	0.8261	1.0000	$29,331,187.16	$657,478.27
2009	11.50	$56,745,316.16	54.00	43.81	0.8113	1.0000	$46,037,046.93	$1,050,839.19
2008	12.50	$45,482,880.54	54.00	43.02	0.7967	1.0000	$36,236,433.29	$842,275.57
2007	13.50	$55,215,200.49	54.00	42.25	0.7824	1.0000	$43,199,331.49	$1,022,503.71
2006	14.50	$43,083,086.38	54.00	41.49	0.7683	1.0000	$33,101,057.84	$797,834.93
2005	15.50	$52,128,157.18	54.00	40.74	0.7545	1.0000	$39,329,596.86	$965,336.24
2004	16.50	$6,943,907.91	54.00	40.01	0.7409	1.0000	$5,144,678.60	$128,590.89
2003	17.50	$24,340,435.86	54.00	39.29	0.7276	1.0000	$17,709,873.75	$450,748.81
2002	18.50	$24,607,861.99	54.00	38.58	0.7145	1.0000	$17,581,768.64	$455,701.15
2001	19.50	$38,440,110.24	54.00	37.89	0.7016	1.0000	$26,969,338.35	$711,853.89
2000	20.50	$7,826,158.83	54.00	37.20	0.6889	1.0000	$5,391,626.96	$144,928.87
1999	21.50	$9,737,845.08	54.00	36.53	0.6765	1.0000	$6,587,406.44	$180,330.46
1998	22.50	$12,200,506.12	54.00	35.87	0.6642	1.0000	$8,103,920.41	$225,935.30
1997	23.50	$15,368,755.69	54.00	35.22	0.6522	1.0000	$10,023,128.21	$284,606.59
1996	24.50	$16,822,419.37	54.00	34.58	0.6404	1.0000	$10,772,726.64	$311,526.28
1995	25.50	$9,436,773.59	54.00	33.95	0.6287	1.0000	$5,933,203.07	$174,755.07
1994	26.50	$10,719,818.09	54.00	33.33	0.6173	1.0000	$6,617,046.35	$198,515.15
1993	27.50	$19,419,151.93	54.00	32.72	0.6060	1.0000	$11,768,064.27	$359,613.92
1992	28.50	$15,152,342.06	54.00	32.12	0.5949	1.0000	$9,014,075.08	$280,598.93
1991	29.50	$15,753,894.90	54.00	31.53	0.5840	1.0000	$9,199,844.00	$291,738.79
1990	30.50	$26,450,777.13	54.00	30.96	0.5732	1.0000	$15,162,837.95	$489,829.21
1989	31.50	$22,757,504.01	54.00	30.38	0.5627	1.0000	$12,804,703.79	$421,435.26

Generation Arrangement Report

PECO Elect 367 Composite 2021

Account: PECO Electric 3670 PA
Dispersion: 54.00 - S0.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$20,794,519.19	54.00	29.82	0.5522	1.0000	$11,483,423.72	$385,083.69
1987	33.50	$16,440,678.51	54.00	29.27	0.5420	1.0000	$8,910,184.71	$304,457.01
1986	34.50	$13,647,750.51	54.00	28.72	0.5318	1.0000	$7,258,334.47	$252,736.12
1985	35.50	$12,765,854.98	54.00	28.18	0.5219	1.0000	$6,661,881.52	$236,404.72
1984	36.50	$11,094,456.02	54.00	27.65	0.5120	1.0000	$5,680,530.47	$205,452.89
1983	37.50	$10,953,241.06	54.00	27.13	0.5023	1.0000	$5,502,329.97	$202,837.80
1982	38.50	$7,194,222.94	54.00	26.61	0.4928	1.0000	$3,545,239.14	$133,226.35
1981	39.50	$8,527,723.06	54.00	26.10	0.4834	1.0000	$4,121,980.07	$157,920.80
1980	40.50	$7,368,509.80	54.00	25.60	0.4741	1.0000	$3,493,158.28	$136,453.89
1979	41.50	$8,072,611.82	54.00	25.10	0.4649	1.0000	$3,752,838.38	$149,492.81
1978	42.50	$6,780,792.66	54.00	24.61	0.4558	1.0000	$3,090,866.62	$125,570.23
1977	43.50	$6,401,935.22	54.00	24.13	0.4469	1.0000	$2,860,947.35	$118,554.36
1976	44.50	$5,866,411.60	54.00	23.66	0.4381	1.0000	$2,569,953.00	$108,637.25
1975	45.50	$4,552,213.83	54.00	23.19	0.4294	1.0000	$1,954,556.91	$84,300.26
1974	46.50	$7,396,520.27	54.00	22.72	0.4208	1.0000	$3,112,172.58	$136,972.60
1973	47.50	$6,359,208.78	54.00	22.26	0.4123	1.0000	$2,621,624.45	$117,763.13
1972	48.50	$5,448,789.42	54.00	21.81	0.4039	1.0000	$2,200,530.80	$100,903.51
1971	49.50	$5,443,946.50	54.00	21.36	0.3956	1.0000	$2,153,406.18	$100,813.82
1970	50.50	$4,610,234.08	54.00	20.92	0.3874	1.0000	$1,785,776.94	$85,374.71
1969	51.50	$4,430,163.66	54.00	20.48	0.3792	1.0000	$1,680,097.66	$82,040.07
1968	52.50	$2,945,009.68	54.00	20.05	0.3712	1.0000	$1,093,242.82	$54,537.22
1967	53.50	$3,249,703.91	54.00	19.62	0.3633	1.0000	$1,180,558.07	$60,179.70
1966	54.50	$2,878,801.12	54.00	19.19	0.3554	1.0000	$1,023,235.52	$53,311.13
1965	55.50	$1,923,758.11	54.00	18.77	0.3477	1.0000	$668,832.39	$35,625.15
1964	56.50	$5,549,270.43	54.00	18.36	0.3400	1.0000	$1,886,678.82	$102,764.27
1963	57.50	$1,327,770.62	54.00	17.95	0.3324	1.0000	$441,312.04	$24,588.34
1962	58.50	$1,380,471.77	54.00	17.54	0.3248	1.0000	$448,422.62	$25,564.29
1961	59.50	$1,587,168.89	54.00	17.14	0.3174	1.0000	$503,725.24	$29,392.02
1960	60.50	$964,182.03	54.00	16.74	0.3100	1.0000	$298,882.26	$17,855.22
1959	61.50	$1,007,618.96	54.00	16.34	0.3027	1.0000	$304,967.18	$18,659.61
1958	62.50	$496,523.92	54.00	15.95	0.2954	1.0000	$146,679.96	$9,194.89
1957	63.50	$1,417,513.22	54.00	15.56	0.2882	1.0000	$408,556.07	$26,250.24

Generation Arrangement Report

PECO Elect 367 Composite 2021

Account: PECO Electric 3670 PA
Dispersion: 54.00 - S0.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$1,825,714.40	54.00	15.18	0.2811	1.0000	$513,171.09	$33,809.53
1955	65.50	$781,669.98	54.00	14.80	0.2740	1.0000	$214,188.07	$14,475.37
1954	66.50	$77,090.49	54.00	14.42	0.2670	1.0000	$20,583.33	$1,427.60
1953	67.50	$563,685.49	54.00	14.04	0.2600	1.0000	$146,583.45	$10,438.62
1952	68.50	$390,413.32	54.00	13.67	0.2532	1.0000	$98,833.73	$7,229.88
1951	69.50	$1,187,168.47	54.00	13.30	0.2463	1.0000	$292,411.11	$21,984.60
1950	70.50	$957,301.20	54.00	12.93	0.2395	1.0000	$229,291.90	$17,727.80
1949	71.50	$1,278,311.87	54.00	12.57	0.2327	1.0000	$297,523.57	$23,672.44
1948	72.50	$498,245.93	54.00	12.21	0.2260	1.0000	$112,627.04	$9,226.78
1947	73.50	$68,184.02	54.00	11.85	0.2194	1.0000	$14,958.78	$1,262.67
1946	74.50	$47,808.69	54.00	11.49	0.2128	1.0000	$10,172.45	$885.35
1945	75.50	$51,464.08	54.00	11.14	0.2062	1.0000	$10,612.32	$953.04
1944	76.50	$30,698.68	54.00	10.78	0.1997	1.0000	$6,130.38	$568.49
1941	79.50	$125,820.01	54.00	9.73	0.1803	1.0000	$22,682.46	$2,330.00
1940	80.50	$5,992.01	54.00	9.39	0.1739	1.0000	$1,041.86	$110.96
1939	81.50	$30,127.30	54.00	9.05	0.1675	1.0000	$5,047.10	$557.91
1938	82.50	$29,628.75	54.00	8.70	0.1612	1.0000	$4,776.03	$548.68
1937	83.50	$34,617.85	54.00	8.36	0.1549	1.0000	$5,361.97	$641.07
1936	84.50	$4,057.21	54.00	8.02	0.1486	1.0000	$602.73	$75.13
1935	85.50	$10,310.32	54.00	7.68	0.1423	1.0000	$1,466.94	$190.93
1934	86.50	$47,685.34	54.00	7.35	0.1360	1.0000	$6,486.85	$883.06
1933	87.50	$58,050.25	54.00	7.01	0.1298	1.0000	$7,535.29	$1,075.00
1932	88.50	$64,063.36	54.00	6.67	0.1236	1.0000	$7,918.17	$1,186.36
1931	89.50	$91,620.70	54.00	6.34	0.1174	1.0000	$10,757.30	$1,696.68
1930	90.50	$117,650.81	54.00	6.01	0.1112	1.0000	$13,087.97	$2,178.72
1929	91.50	$79,509.28	54.00	5.67	0.1050	1.0000	$8,346.35	$1,472.39
1928	92.50	$80,523.64	54.00	5.33	0.0988	1.0000	$7,954.23	$1,491.18
1927	93.50	$81,090.90	54.00	5.00	0.0926	1.0000	$7,508.78	$1,501.68
1926	94.50	$71,963.57	54.00	4.67	0.0864	1.0000	$6,219.03	$1,332.66
1925	95.50	$70,153.62	54.00	4.33	0.0802	1.0000	$5,629.56	$1,299.14
1924	96.50	$1,345.51	54.00	4.00	0.0741	1.0000	$99.68	$24.92
		$1,391,508,401.62	54.00	41.70	0.7722	1.0000	$1,074,496,824.27	$25,768,674.10

Remaining Life Depreciation Accrual

Account: PECO Electric 3670 PA
Scenario: PECO Elect 367 Composite 2021
Dispersion: 54.00 - S0.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,391,508,401.62	41.70	$28,286,754.86	2.032812%	2.398209%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($10,430,220.62)	0.50	($96,576.12)	0.925926%	
Total:	$1,391,508,401.62 *		$28,190,178.74	2.025872%	2.390021%
Average:	$1,386,293,291.31		$28,190,178.74	2.033493%	2.400635%
Grand Total:	$1,391,508,401.62 *		$28,190,178.74	2.025872%	2.390021%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3680 PA
Dispersion: 47.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$57,590,795.31	47.00	46.59	0.9912	1.0000	$57,085,731.07	$1,225,336.07
2019	1.50	$37,258,044.79	47.00	45.77	0.9738	1.0000	$36,281,266.04	$792,724.36
2018	2.50	$31,037,648.47	47.00	44.95	0.9564	1.0000	$29,685,266.63	$660,375.50
2017	3.50	$21,263,331.98	47.00	44.14	0.9392	1.0000	$19,970,160.99	$452,411.32
2016	4.50	$24,176,064.58	47.00	43.33	0.9220	1.0000	$22,290,768.35	$514,384.35
2015	5.50	$19,983,786.49	47.00	42.53	0.9050	1.0000	$18,085,321.75	$425,186.95
2014	6.50	$26,183,523.54	47.00	41.74	0.8881	1.0000	$23,252,548.75	$557,096.25
2013	7.50	$17,424,237.99	47.00	40.95	0.8712	1.0000	$15,180,778.36	$370,728.47
2012	8.50	$17,969,092.60	47.00	40.16	0.8545	1.0000	$15,354,953.61	$382,321.12
2011	9.50	$18,660,999.84	47.00	39.38	0.8379	1.0000	$15,636,253.64	$397,042.55
2010	10.50	$16,610,788.54	47.00	38.61	0.8214	1.0000	$13,644,258.48	$353,421.03
2009	11.50	$11,674,121.68	47.00	37.84	0.8050	1.0000	$9,397,810.55	$248,385.57
2008	12.50	$14,286,624.19	47.00	37.07	0.7887	1.0000	$11,267,998.96	$303,970.73
2007	13.50	$13,837,816.30	47.00	36.31	0.7725	1.0000	$10,690,126.42	$294,421.62
2006	14.50	$9,717,836.16	47.00	35.55	0.7565	1.0000	$7,351,095.46	$206,762.47
2005	15.50	$14,811,988.32	47.00	34.80	0.7405	1.0000	$10,968,241.23	$315,148.69
2004	16.50	$10,757,550.26	47.00	34.06	0.7247	1.0000	$7,795,512.87	$228,884.05
2003	17.50	$4,054,358.41	47.00	33.32	0.7089	1.0000	$2,874,260.94	$86,262.94
2002	18.50	$11,954,255.03	47.00	32.59	0.6933	1.0000	$8,288,236.55	$254,345.85
2001	19.50	$25,575,247.52	47.00	31.86	0.6779	1.0000	$17,336,257.51	$544,154.20
1999	21.50	$9,773,621.82	47.00	30.42	0.6473	1.0000	$6,326,337.64	$207,949.40
1998	22.50	$11,131,869.85	47.00	29.71	0.6322	1.0000	$7,037,904.23	$236,848.29
1997	23.50	$12,339,794.23	47.00	29.01	0.6173	1.0000	$7,617,564.96	$262,548.81
1996	24.50	$7,405,153.66	47.00	28.32	0.6026	1.0000	$4,462,045.06	$157,556.46
1995	25.50	$13,532,030.29	47.00	27.63	0.5880	1.0000	$7,956,321.63	$287,915.54
1994	26.50	$11,913,244.15	47.00	26.96	0.5735	1.0000	$6,832,581.72	$253,473.28
1993	27.50	$9,320,366.52	47.00	26.28	0.5592	1.0000	$5,212,263.31	$198,305.67
1992	28.50	$9,230,856.27	47.00	25.62	0.5451	1.0000	$5,032,187.57	$196,401.20
1991	29.50	$9,052,759.16	47.00	24.97	0.5312	1.0000	$4,809,221.31	$192,611.90
1990	30.50	$15,312,506.73	47.00	24.32	0.5175	1.0000	$7,924,513.64	$325,798.02
1989	31.50	$18,157,850.46	47.00	23.69	0.5040	1.0000	$9,151,333.72	$386,337.24
1988	32.50	$13,104,334.96	47.00	23.06	0.4906	1.0000	$6,429,627.92	$278,815.64

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3680 PA
Dispersion: 47.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1987	33.50	$11,386,587.64	47.00	22.44	0.4775	1.0000	$5,437,193.07	$242,267.82
1986	34.50	$10,934,778.43	47.00	21.83	0.4646	1.0000	$5,079,968.56	$232,654.86
1985	35.50	$10,419,661.10	47.00	21.24	0.4518	1.0000	$4,707,716.05	$221,694.92
1984	36.50	$7,287,955.35	47.00	20.65	0.4393	1.0000	$3,201,569.02	$155,062.88
1983	37.50	$4,497,830.91	47.00	20.07	0.4270	1.0000	$1,920,593.07	$95,698.53
1982	38.50	$4,938,722.49	47.00	19.50	0.4149	1.0000	$2,049,191.70	$105,079.20
1981	39.50	$4,092,103.41	47.00	18.94	0.4031	1.0000	$1,649,386.08	$87,066.03
1980	40.50	$3,533,280.78	47.00	18.40	0.3914	1.0000	$1,383,072.35	$75,176.19
1979	41.50	$3,908,254.47	47.00	17.86	0.3800	1.0000	$1,485,292.50	$83,154.35
1978	42.50	$4,400,700.63	47.00	17.34	0.3689	1.0000	$1,623,272.82	$93,631.93
1977	43.50	$2,764,262.15	47.00	16.82	0.3579	1.0000	$989,362.29	$58,814.09
1976	44.50	$1,519,952.08	47.00	16.32	0.3472	1.0000	$527,748.44	$32,339.41
1975	45.50	$2,263,340.84	47.00	15.83	0.3368	1.0000	$762,183.50	$48,156.19
1974	46.50	$5,295,562.31	47.00	15.35	0.3265	1.0000	$1,729,177.88	$112,671.54
1973	47.50	$5,386,241.17	47.00	14.88	0.3165	1.0000	$1,705,001.50	$114,600.88
1972	48.50	$3,423,975.35	47.00	14.42	0.3068	1.0000	$1,050,477.61	$72,850.54
1971	49.50	$3,204,151.82	47.00	13.97	0.2973	1.0000	$952,562.59	$68,173.44
1970	50.50	$5,641,545.30	47.00	13.54	0.2880	1.0000	$1,624,809.04	$120,032.88
1969	51.50	$8,312,462.99	47.00	13.11	0.2790	1.0000	$2,318,810.14	$176,860.91
1968	52.50	$5,634,404.25	47.00	12.70	0.2701	1.0000	$1,522,092.74	$119,880.94
1967	53.50	$2,676,240.86	47.00	12.29	0.2616	1.0000	$699,983.27	$56,941.29
1966	54.50	$1,356,234.15	47.00	11.90	0.2532	1.0000	$343,371.12	$28,856.05
1965	55.50	$779,361.84	47.00	11.52	0.2450	1.0000	$190,958.47	$16,582.17
1964	56.50	$705,352.25	47.00	11.14	0.2371	1.0000	$167,210.79	$15,007.49
1963	57.50	$888,132.70	47.00	10.78	0.2293	1.0000	$203,649.10	$18,896.44
1962	58.50	$604,602.42	47.00	10.42	0.2217	1.0000	$134,062.68	$12,863.88
1961	59.50	$642,198.06	47.00	10.08	0.2144	1.0000	$137,666.31	$13,663.79
1960	60.50	$803,606.49	47.00	9.74	0.2071	1.0000	$166,466.89	$17,098.01
1959	61.50	$613,888.84	47.00	9.40	0.2001	1.0000	$122,834.54	$13,061.46
1958	62.50	$541,278.57	47.00	9.08	0.1932	1.0000	$104,560.94	$11,516.57
1957	63.50	$591,581.16	47.00	8.76	0.1864	1.0000	$110,268.12	$12,586.83
1956	64.50	$750,703.83	47.00	8.45	0.1797	1.0000	$134,934.28	$15,972.42

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3680 PA
Dispersion: 47.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1955	65.50	$616,073.17	47.00	8.14	0.1732	1.0000	$106,712.82	$13,107.94
1954	66.50	$479,636.57	47.00	7.84	0.1668	1.0000	$79,999.17	$10,205.03
1953	67.50	$320,963.82	47.00	7.55	0.1605	1.0000	$51,525.73	$6,829.02
1952	68.50	$255,589.95	47.00	7.25	0.1543	1.0000	$39,441.42	$5,438.08
1951	69.50	$174,811.80	47.00	6.96	0.1482	1.0000	$25,902.66	$3,719.40
1950	70.50	$109,467.18	47.00	6.68	0.1421	1.0000	$15,559.69	$2,329.09
1949	71.50	$86,976.42	47.00	6.40	0.1362	1.0000	$11,846.99	$1,850.56
1948	72.50	$59,963.34	47.00	6.13	0.1304	1.0000	$7,817.39	$1,275.82
1947	73.50	$42,332.91	47.00	5.86	0.1246	1.0000	$5,276.61	$900.70
1946	74.50	$18,791.81	47.00	5.60	0.1192	1.0000	$2,239.75	$399.83
1945	75.50	$2,140.08	47.00	5.34	0.1137	1.0000	$243.36	$45.53
1944	76.50	$1,074.96	47.00	5.09	0.1084	1.0000	$116.50	$22.87
1943	77.50	$182.76	47.00	4.85	0.1032	1.0000	$18.86	$3.89
1942	78.50	$1,189.65	47.00	4.61	0.0981	1.0000	$116.75	$25.31
1941	79.50	$2,825.00	47.00	4.38	0.0932	1.0000	$263.33	$60.11
1940	80.50	$552.81	47.00	4.15	0.0884	1.0000	$48.87	$11.76
1939	81.50	$350.96	47.00	3.93	0.0836	1.0000	$29.35	$7.47
1938	82.50	$162.77	47.00	3.72	0.0792	1.0000	$12.88	$3.46
1937	83.50	$96.10	47.00	3.49	0.0743	1.0000	$7.14	$2.04
1936	84.50	$8.62	47.00	3.25	0.0691	1.0000	$0.60	$0.18
1935	85.50	$1.05	47.00	2.98	0.0634	1.0000	$0.07	$0.02
1934	86.50	$1.51	47.00	2.69	0.0571	1.0000	$0.09	$0.03
1933	87.50	$1.01	47.00	2.37	0.0503	1.0000	$0.05	$0.02
1932	88.50	$0.92	47.00	2.03	0.0432	1.0000	$0.04	$0.02
1931	89.50	$0.78	47.00	1.70	0.0361	1.0000	$0.03	$0.02
1930	90.50	$0.59	47.00	1.39	0.0296	1.0000	$0.02	$0.01
1929	91.50	$0.81	47.00	1.08	0.0230	1.0000	$0.02	$0.02
1928	92.50	$0.65	47.00	0.79	0.0167	1.0000	$0.01	$0.01
1927	93.50	$0.81	47.00	0.48	0.0103	1.0000	$0.01	$0.02
1926	94.50	$0.81	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1925	95.50	$0.90	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1924	96.50	$0.74	47.00	0.00	0.0000	0.0000	$0.00	$0.00

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3680 PA

Dispersion: 47.00 - R1.5

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1923	97.50	$0.80	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1922	98.50	$0.89	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1917	103.50	$0.67	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1914	106.50	$0.89	47.00	0.00	0.0000	0.0000	$0.00	$0.00
1913	107.50	$0.81	47.00	0.00	0.0000	0.0000	$0.00	$0.00
		$667,074,660.06	47.00	33.52	0.7133	1.0000	$475,811,378.52	$14,193,077.74

Remaining Life Depreciation Accrual

Account: PECO Electric 3680 PA
Scenario: PECO Electric Groups 2021
Dispersion: 47.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$667,074,660.06	33.52	$14,417,270.57	2.161268%	2.982921%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($8,002,318.72)	0.50	($85,131.05)	1.063830%	
Total:	$667,074,660.06 *		$14,332,139.52	2.148506%	2.965308%
Average:	$663,073,500.70		$14,332,139.52	2.161471%	2.990060%
Grand Total:	$667,074,660.06 *		$14,332,139.52	2.148506%	2.965308%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3691 PA
Dispersion: 53.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$8,692,385.74	53.00	52.50	0.9906	1.0000	$8,610,463.66	$164,007.28
2019	1.50	$6,546,466.32	53.00	51.50	0.9717	1.0000	$6,361,371.60	$123,518.23
2018	2.50	$6,592,156.20	53.00	50.50	0.9529	1.0000	$6,281,572.49	$124,380.31
2017	3.50	$6,205,540.45	53.00	49.50	0.9340	1.0000	$5,796,208.74	$117,085.67
2016	4.50	$6,204,835.41	53.00	48.51	0.9152	1.0000	$5,678,774.48	$117,072.37
2015	5.50	$4,304,770.51	53.00	47.51	0.8964	1.0000	$3,858,780.47	$81,222.09
2014	6.50	$4,550,587.28	53.00	46.51	0.8776	1.0000	$3,993,559.82	$85,860.14
2013	7.50	$3,843,989.17	53.00	45.52	0.8588	1.0000	$3,301,241.68	$72,528.10
2012	8.50	$3,739,165.24	53.00	44.52	0.8400	1.0000	$3,141,001.87	$70,550.29
2011	9.50	$3,950,035.30	53.00	43.53	0.8213	1.0000	$3,244,071.03	$74,528.97
2010	10.50	$4,362,983.94	53.00	42.54	0.8026	1.0000	$3,501,512.90	$82,320.45
2009	11.50	$4,786,752.23	53.00	41.54	0.7839	1.0000	$3,752,129.57	$90,316.08
2008	12.50	$4,813,895.52	53.00	40.56	0.7652	1.0000	$3,683,591.95	$90,828.22
2007	13.50	$4,111,030.90	53.00	39.57	0.7466	1.0000	$3,069,235.67	$77,566.62
2006	14.50	$5,282,250.59	53.00	38.58	0.7280	1.0000	$3,845,553.37	$99,665.11
2005	15.50	$5,942,911.28	53.00	37.60	0.7095	1.0000	$4,216,480.54	$112,130.40
2004	16.50	$5,601,496.90	53.00	36.63	0.6910	1.0000	$3,870,890.47	$105,688.62
2003	17.50	$4,191,909.20	53.00	35.65	0.6727	1.0000	$2,819,721.36	$79,092.63
2002	18.50	$7,557,450.79	53.00	34.68	0.6544	1.0000	$4,945,230.63	$142,593.41
2001	19.50	$8,452,168.72	53.00	33.72	0.6361	1.0000	$5,376,699.80	$159,474.88
2000	20.50	$2,082,838.32	53.00	32.75	0.6180	1.0000	$1,287,215.01	$39,298.84
1999	21.50	$3,001,688.98	53.00	31.80	0.6000	1.0000	$1,801,016.59	$56,635.64
1998	22.50	$2,688,051.57	53.00	30.85	0.5821	1.0000	$1,564,798.54	$50,717.95
1997	23.50	$3,152,471.20	53.00	29.91	0.5644	1.0000	$1,779,181.28	$59,480.59
1996	24.50	$1,390,555.77	53.00	28.98	0.5468	1.0000	$760,311.48	$26,236.90
1995	25.50	$3,094,643.71	53.00	28.05	0.5293	1.0000	$1,638,021.68	$58,389.50
1994	26.50	$1,532,046.29	53.00	27.14	0.5120	1.0000	$784,438.05	$28,906.53
1993	27.50	$1,660,653.46	53.00	26.23	0.4949	1.0000	$821,876.20	$31,333.08
1992	28.50	$1,491,595.18	53.00	25.33	0.4780	1.0000	$712,975.45	$28,143.31
1991	29.50	$1,479,449.18	53.00	24.45	0.4613	1.0000	$682,433.67	$27,914.14
1990	30.50	$1,893,709.40	53.00	23.57	0.4448	1.0000	$842,267.04	$35,730.37
1989	31.50	$2,289,407.78	53.00	22.71	0.4285	1.0000	$981,120.41	$43,196.37

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3691 PA
Dispersion: 53.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$1,973,931.40	53.00	21.86	0.4125	1.0000	$814,279.32	$37,243.99
1987	33.50	$1,871,046.12	53.00	21.03	0.3967	1.0000	$742,297.70	$35,302.76
1986	34.50	$1,736,763.61	53.00	20.20	0.3812	1.0000	$662,039.31	$32,769.12
1985	35.50	$1,490,998.62	53.00	19.39	0.3659	1.0000	$545,579.56	$28,132.05
1984	36.50	$1,586,436.40	53.00	18.60	0.3509	1.0000	$556,674.10	$29,932.76
1983	37.50	$1,299,189.36	53.00	17.82	0.3361	1.0000	$436,715.21	$24,513.01
1982	38.50	$1,329,387.81	53.00	17.05	0.3217	1.0000	$427,615.79	$25,082.79
1981	39.50	$962,559.58	53.00	16.29	0.3074	1.0000	$295,938.02	$18,161.50
1980	40.50	$1,454,766.06	53.00	15.56	0.2936	1.0000	$427,071.58	$27,448.42
1979	41.50	$1,226,656.45	53.00	14.83	0.2799	1.0000	$343,335.60	$23,144.46
1978	42.50	$1,225,093.24	53.00	14.12	0.2665	1.0000	$326,464.22	$23,114.97
1977	43.50	$1,206,299.78	53.00	13.43	0.2533	1.0000	$305,566.78	$22,760.37
1976	44.50	$1,059,873.68	53.00	12.74	0.2404	1.0000	$254,767.88	$19,997.62
1975	45.50	$1,075,110.96	53.00	12.07	0.2277	1.0000	$244,790.73	$20,285.11
1974	46.50	$1,096,225.22	53.00	11.41	0.2153	1.0000	$236,012.43	$20,683.49
1973	47.50	$975,558.30	53.00	10.77	0.2033	1.0000	$198,294.41	$18,406.76
1972	48.50	$836,459.22	53.00	10.16	0.1917	1.0000	$160,319.66	$15,782.25
1971	49.50	$744,329.96	53.00	9.58	0.1807	1.0000	$134,491.88	$14,043.96
1970	50.50	$914,183.56	53.00	9.02	0.1702	1.0000	$155,571.42	$17,248.75
1969	51.50	$973,478.60	53.00	8.49	0.1602	1.0000	$155,987.43	$18,367.52
1968	52.50	$705,482.15	53.00	8.00	0.1509	1.0000	$106,444.97	$13,310.98
1967	53.50	$637,254.35	53.00	7.53	0.1421	1.0000	$90,557.05	$12,023.67
1966	54.50	$664,969.68	53.00	7.10	0.1339	1.0000	$89,025.27	$12,546.60
1965	55.50	$467,200.13	53.00	6.69	0.1262	1.0000	$58,949.28	$8,815.10
1964	56.50	$672,864.55	53.00	6.30	0.1190	1.0000	$80,040.79	$12,695.56
1963	57.50	$578,087.33	53.00	5.94	0.1121	1.0000	$64,817.24	$10,907.31
1962	58.50	$475,341.93	53.00	5.60	0.1057	1.0000	$50,232.60	$8,968.72
1961	59.50	$420,086.46	53.00	5.28	0.0996	1.0000	$41,821.89	$7,926.16
1960	60.50	$371,279.62	53.00	4.97	0.0937	1.0000	$34,792.86	$7,005.28
1959	61.50	$425,079.54	53.00	4.67	0.0881	1.0000	$37,449.04	$8,020.37
1958	62.50	$424,648.29	53.00	4.38	0.0827	1.0000	$35,113.35	$8,012.23
1957	63.50	$379,769.15	53.00	4.10	0.0774	1.0000	$29,407.83	$7,165.46

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3691 PA

Dispersion: 53.00 - R4

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$409,530.48	53.00	3.83	0.0723	1.0000	$29,620.02	$7,726.99
1955	65.50	$269,735.66	53.00	3.57	0.0673	1.0000	$18,164.64	$5,089.35
1954	66.50	$3,457.65	53.00	3.29	0.0622	1.0000	$214.92	$65.24
1953	67.50	$17,398.98	53.00	3.03	0.0572	1.0000	$995.59	$328.28
1952	68.50	$53,544.77	53.00	2.78	0.0524	1.0000	$2,803.67	$1,010.28
		$167,503,971.18	53.00	35.18	0.6639	1.0000	$111,198,011.55	$3,160,452.29

Remaining Life Depreciation Accrual

Account: PECO Electric 3691 PA
Scenario: PECO Electric Groups 2021
Dispersion: 53.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$167,503,971.18	35.18	$3,100,724.71	1.851135%	2.842184%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($1,487,319.64)	0.50	($14,031.32)	0.943396%	
Total:	$167,503,971.18 *		$3,086,693.39	1.842758%	2.829323%
Average:	$166,760,311.36		$3,086,693.39	1.850976%	2.848741%
Grand Total:	$167,503,971.18 *		$3,086,693.39	1.842758%	2.829323%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3692 PA
Dispersion: 55.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$1,786,287.64	55.00	54.51	0.9910	1.0000	$1,770,287.95	$32,477.96
2019	1.50	$1,771,647.35	55.00	53.52	0.9732	1.0000	$1,724,130.29	$32,211.77
2018	2.50	$3,217,337.77	55.00	52.54	0.9553	1.0000	$3,073,658.11	$58,497.05
2017	3.50	$1,851,946.79	55.00	51.57	0.9376	1.0000	$1,736,317.42	$33,671.76
2016	4.50	$2,823,079.39	55.00	50.59	0.9198	1.0000	$2,596,778.40	$51,328.72
2015	5.50	$1,501,297.58	55.00	49.62	0.9022	1.0000	$1,354,419.39	$27,296.32
2014	6.50	$1,735,263.47	55.00	48.65	0.8845	1.0000	$1,534,922.94	$31,550.24
2013	7.50	$1,432,678.95	55.00	47.68	0.8670	1.0000	$1,242,126.77	$26,048.71
2012	8.50	$1,117,906.84	55.00	46.72	0.8495	1.0000	$949,696.41	$20,325.58
2011	9.50	$6,134,721.65	55.00	45.77	0.8321	1.0000	$5,104,925.67	$111,540.39
2010	10.50	$1,818,500.69	55.00	44.82	0.8148	1.0000	$1,481,753.37	$33,063.65
2009	11.50	$3,796,811.53	55.00	43.87	0.7976	1.0000	$3,028,294.48	$69,032.94
2008	12.50	$4,827,662.70	55.00	42.92	0.7804	1.0000	$3,767,731.77	$87,775.69
2007	13.50	$4,967,811.02	55.00	41.99	0.7634	1.0000	$3,792,435.99	$90,323.84
2006	14.50	$6,513,026.10	55.00	41.06	0.7465	1.0000	$4,861,882.99	$118,418.66
2005	15.50	$11,637,901.09	55.00	40.13	0.7297	1.0000	$8,491,731.04	$211,598.20
2004	16.50	$1,418,897.95	55.00	39.21	0.7129	1.0000	$1,011,590.43	$25,798.14
2003	17.50	$8,138,096.20	55.00	38.30	0.6963	1.0000	$5,666,897.57	$147,965.39
2002	18.50	$11,350,785.57	55.00	37.39	0.6799	1.0000	$7,717,060.53	$206,377.92
2001	19.50	$11,325,084.45	55.00	36.50	0.6635	1.0000	$7,514,709.92	$205,910.63
2000	20.50	$1,215,266.80	55.00	35.60	0.6473	1.0000	$786,687.25	$22,095.76
1999	21.50	$9,391,799.40	55.00	34.72	0.6313	1.0000	$5,928,689.52	$170,759.99
1998	22.50	$5,668,714.64	55.00	33.84	0.6153	1.0000	$3,488,112.10	$103,067.54
1997	23.50	$9,485,340.74	55.00	32.97	0.5995	1.0000	$5,686,751.51	$172,460.74
1996	24.50	$3,954,340.50	55.00	32.11	0.5839	1.0000	$2,308,887.64	$71,897.10
1995	25.50	$9,637,476.98	55.00	31.26	0.5684	1.0000	$5,478,259.47	$175,226.85
1994	26.50	$5,396,107.86	55.00	30.42	0.5531	1.0000	$2,984,602.38	$98,111.05
1993	27.50	$10,182,569.23	55.00	29.59	0.5379	1.0000	$5,477,474.44	$185,137.62
1992	28.50	$8,423,475.70	55.00	28.76	0.5229	1.0000	$4,404,756.50	$153,154.10
1991	29.50	$7,568,385.32	55.00	27.94	0.5081	1.0000	$3,845,227.79	$137,607.01
1990	30.50	$10,373,464.57	55.00	27.14	0.4934	1.0000	$5,118,504.02	$188,608.45
1989	31.50	$10,670,503.87	55.00	26.34	0.4789	1.0000	$5,110,382.57	$194,009.16

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3692 PA
Dispersion: 55.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$11,345,535.13	55.00	25.55	0.4646	1.0000	$5,271,155.99	$206,282.46
1987	33.50	$11,234,616.30	55.00	24.78	0.4505	1.0000	$5,060,721.02	$204,265.75
1986	34.50	$9,707,824.76	55.00	24.01	0.4365	1.0000	$4,237,362.31	$176,505.90
1985	35.50	$7,921,597.64	55.00	23.25	0.4227	1.0000	$3,348,508.27	$144,029.05
1984	36.50	$7,541,830.57	55.00	22.50	0.4092	1.0000	$3,085,917.23	$137,124.19
1983	37.50	$5,732,401.99	55.00	21.77	0.3958	1.0000	$2,268,868.97	$104,225.49
1982	38.50	$2,968,718.44	55.00	21.04	0.3826	1.0000	$1,135,902.83	$53,976.70
1981	39.50	$4,936,554.12	55.00	20.33	0.3697	1.0000	$1,824,843.46	$89,755.53
1980	40.50	$4,980,938.93	55.00	19.63	0.3569	1.0000	$1,777,718.97	$90,562.53
1979	41.50	$4,453,918.01	55.00	18.94	0.3444	1.0000	$1,534,078.13	$80,980.33
1978	42.50	$4,245,688.09	55.00	18.27	0.3322	1.0000	$1,410,239.00	$77,194.33
1977	43.50	$2,519,274.85	55.00	17.61	0.3201	1.0000	$806,473.95	$45,805.00
1976	44.50	$2,055,799.38	55.00	16.96	0.3083	1.0000	$633,864.26	$37,378.17
1975	45.50	$1,398,145.74	55.00	16.32	0.2968	1.0000	$414,961.79	$25,420.83
1974	46.50	$1,478,109.59	55.00	15.70	0.2855	1.0000	$422,036.11	$26,874.72
1973	47.50	$1,583,652.56	55.00	15.10	0.2746	1.0000	$434,870.89	$28,793.68
1972	48.50	$628,586.51	55.00	14.51	0.2639	1.0000	$165,888.07	$11,428.85
1971	49.50	$446,213.89	55.00	13.94	0.2535	1.0000	$113,116.74	$8,112.98
1970	50.50	$301,907.19	55.00	13.39	0.2434	1.0000	$73,482.57	$5,489.22
1969	51.50	$272,068.23	55.00	12.85	0.2336	1.0000	$63,551.85	$4,946.70
1968	52.50	$275,380.11	55.00	12.33	0.2241	1.0000	$61,724.32	$5,006.91
1967	53.50	$208,601.44	55.00	11.82	0.2150	1.0000	$44,843.56	$3,792.75
1966	54.50	$249,391.72	55.00	11.34	0.2061	1.0000	$51,402.86	$4,534.39
1965	55.50	$236,321.34	55.00	10.87	0.1976	1.0000	$46,689.93	$4,296.75
1964	56.50	$150,782.03	55.00	10.41	0.1893	1.0000	$28,549.14	$2,741.49
1963	57.50	$107,260.25	55.00	9.98	0.1814	1.0000	$19,459.61	$1,950.19
1962	58.50	$161,485.73	55.00	9.56	0.1738	1.0000	$28,072.48	$2,936.10
1961	59.50	$184,808.09	55.00	9.16	0.1665	1.0000	$30,777.03	$3,360.15
1960	60.50	$168,531.68	55.00	8.77	0.1595	1.0000	$26,884.85	$3,064.21
1959	61.50	$96,683.47	55.00	8.40	0.1528	1.0000	$14,773.60	$1,757.88
1958	62.50	$66,140.39	55.00	8.05	0.1464	1.0000	$9,680.05	$1,202.55
1957	63.50	$77,137.09	55.00	7.71	0.1401	1.0000	$10,809.55	$1,402.49

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3692 PA
Dispersion: 55.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$89,387.22	55.00	7.38	0.1342	1.0000	$11,993.50	$1,625.22
1955	65.50	$64,929.93	55.00	7.06	0.1284	1.0000	$8,339.72	$1,180.54
1954	66.50	$90,820.99	55.00	6.76	0.1229	1.0000	$11,164.65	$1,651.29
1953	67.50	$103,796.35	55.00	6.47	0.1176	1.0000	$12,207.55	$1,887.21
1952	68.50	$42,219.64	55.00	6.19	0.1125	1.0000	$4,748.96	$767.63
1949	71.50	$40,339.68	55.00	5.37	0.0976	1.0000	$3,936.07	$733.45
1948	72.50	$28,098.39	55.00	5.11	0.0928	1.0000	$2,608.73	$510.88
1947	73.50	$19,231.15	55.00	4.85	0.0882	1.0000	$1,696.03	$349.66
1946	74.50	$15,955.60	55.00	4.58	0.0834	1.0000	$1,329.95	$290.10
1945	75.50	$4,629.74	55.00	4.33	0.0787	1.0000	$364.23	$84.18
1944	76.50	$3,691.72	55.00	4.07	0.0740	1.0000	$273.25	$67.12
1943	77.50	$1,046.21	55.00	3.82	0.0694	1.0000	$72.59	$19.02
1942	78.50	$4,335.07	55.00	3.56	0.0648	1.0000	$280.91	$78.82
1941	79.50	$9,345.66	55.00	3.32	0.0603	1.0000	$563.30	$169.92
1940	80.50	$5,359.26	55.00	3.05	0.0554	1.0000	$296.78	$97.44
		$269,393,282.21	55.00	31.35	0.5700	1.0000	$153,556,792.28	$4,898,059.68

Remaining Life Depreciation Accrual

Account: PECO Electric 3692 PA
Scenario: PECO Electric Groups 2021
Dispersion: 55.00 - R3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$269,393,282.21	31.35	$4,864,703.44	1.805800%	3.189738%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,034,361.23)	0.50	($18,494.19)	0.909091%	
Total:	$269,393,282.21 *		$4,846,209.25	1.798935%	3.177612%
Average:	$268,376,101.59		$4,846,209.25	1.805753%	3.198947%
Grand Total:	$269,393,282.21 *		$4,846,209.25	1.798935%	3.177612%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 3701 Composite 2021

Account: PECO Electric 3700 PA
Dispersion: 35.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$320,439.25	35.00	34.55	0.9871	1.0000	$316,298.01	$9,155.41
2019	1.50	$411,632.70	35.00	33.65	0.9614	1.0000	$395,730.88	$11,760.93
2018	2.50	$391,039.41	35.00	32.76	0.9359	1.0000	$365,965.34	$11,172.55
2017	3.50	$385,988.50	35.00	31.87	0.9106	1.0000	$351,479.81	$11,028.24
2016	4.50	$244,754.76	35.00	30.99	0.8855	1.0000	$216,742.35	$6,992.99
2015	5.50	$1,038,877.16	35.00	30.13	0.8607	1.0000	$894,200.67	$29,682.20
2014	6.50	$482,213.62	35.00	29.27	0.8362	1.0000	$403,214.78	$13,777.53
2013	7.50	$239,279.78	35.00	28.42	0.8119	1.0000	$194,265.74	$6,836.57
		$3,514,225.18	35.00	31.25	0.8929	1.0000	$3,137,897.59	$100,406.43

Remaining Life Depreciation Accrual

Account: PECO Electric 3700 PA
Scenario: PECO Elect 3701 Composite 2021
Dispersion: 35.00 - R2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$3,514,225.18	31.25	$97,550.81	2.775884%	3.199800%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($14,969.60)	0.50	($213.85)	1.428562%	
Total:	$3,514,225.18 *		$97,336.96	2.769799%	3.192785%
Average:	$3,506,740.38		$97,336.96	2.775710%	3.200643%
Grand Total:	$3,514,225.18 *		$97,336.96	2.769799%	3.192785%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elec SM Composite 2021

Account: PECO Elec SM Composite
Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$8,858,730.20	15.00	14.50	0.9667	1.0000	$8,563,439.18	$590,582.01
2019	1.50	$3,959,535.49	15.00	13.50	0.9001	1.0000	$3,563,803.68	$263,969.03
2018	2.50	$5,833,722.20	15.00	12.51	0.8338	1.0000	$4,864,257.63	$388,914.81
2017	3.50	$16,756,350.67	15.00	11.53	0.7687	1.0000	$12,879,920.85	$1,117,090.04
2016	4.50	$10,147,492.50	15.00	10.58	0.7054	1.0000	$7,158,306.43	$676,499.50
2015	5.50	$39,152,102.09	15.00	9.67	0.6450	1.0000	$25,251,267.75	$2,610,140.14
2014	6.50	$93,373,132.04	15.00	8.82	0.5880	1.0000	$54,901,130.63	$6,224,875.47
2013	7.50	$122,787,630.64	15.00	8.02	0.5348	1.0000	$65,670,612.44	$8,185,842.04
2012	8.50	$21,884,440.15	15.00	7.29	0.4857	1.0000	$10,629,729.38	$1,458,962.68
2011	9.50	$2,336,650.40	15.00	6.61	0.4407	1.0000	$1,029,783.69	$155,776.69
		$325,089,786.38	15.00	8.98	0.5983	1.0000	$194,512,251.66	$21,672,652.43

Remaining Life Depreciation Accrual

Account: PECO Elec SM Composite
Scenario: PECO Elec SM Composite 2021
Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$325,089,786.38	8.98	$20,914,815.65	6.433551%	11.142050%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($8,307,260.68)	0.50	($276,908.69)	3.333333%	
Total:	$325,089,786.38 *		$20,637,906.96	6.348371%	10.994531%
Average:	$320,936,156.04		$20,637,906.96	6.430533%	11.243322%
Grand Total:	$325,089,786.38 *		$20,637,906.96	6.348371%	10.994531%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3710 PA

Dispersion: 36.00 - R4

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1999	21.50	$156,401.81	36.00	15.34	0.4261	1.0000	$66,637.80	$4,344.49
1998	22.50	$742,575.59	36.00	14.49	0.4026	1.0000	$298,949.02	$20,627.10
1997	23.50	$51,638.40	36.00	13.67	0.3797	1.0000	$19,607.87	$1,434.40
1996	24.50	$24,135.77	36.00	12.86	0.3574	1.0000	$8,625.05	$670.44
1995	25.50	$36,305.98	36.00	12.08	0.3356	1.0000	$12,182.96	$1,008.50
1994	26.50	$19,065.30	36.00	11.32	0.3144	1.0000	$5,993.23	$529.59
		$1,030,122.85	36.00	14.40	0.3999	1.0000	$411,995.94	$28,614.52

Remaining Life Depreciation Accrual

Account: PECO Electric 3710 PA
Scenario: PECO Electric Groups 2021
Dispersion: 36.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,030,122.85	14.40	$4,726.83	0.458861%	6.945341%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($13,213.68)	0.50	($183.52)	1.388864%	
Total:	$1,030,122.85 *		$4,543.31	0.441045%	6.675687%
Average:	$1,023,516.01		$4,543.31	0.443892%	7.393420%
Grand Total:	$1,030,122.85 *		$4,543.31	0.441045%	6.675687%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 371.1 Account 2021

Account: PECO Electric 3711 ACT 129 DLC PA

Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2018	2.50	$36.66	15.00	12.51	0.8338	1.0000	$30.57	$2.44
2012	8.50	$2,805,973.06	15.00	7.29	0.4857	1.0000	$1,362,919.69	$187,064.87
2011	9.50	$7,305,107.16	15.00	6.61	0.4407	1.0000	$3,219,429.07	$487,007.14
2010	10.50	$2,631,142.96	15.00	5.99	0.3995	1.0000	$1,051,192.80	$175,409.53
		$12,742,259.84	15.00	6.63	0.4421	1.0000	$5,633,572.12	$849,483.99

Remaining Life Depreciation Accrual

Account: PECO Electric 3711 ACT 129 DLC PA
Scenario: PECO Elect 371.1 Account 2021
Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$12,742,259.84	6.63	$763,636.57	5.992945%	15.078958%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($751,664.06)	0.50	($25,055.47)	3.333334%	
Total:	$12,742,259.84 *		$738,581.10	5.796312%	14.584206%
Average:	$12,366,427.81		$738,581.10	5.972469%	15.753302%
Grand Total:	$12,742,259.84 *		$738,581.10	5.796312%	14.584206%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3730 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$395,773.50	24.00	23.58	0.9825	1.0000	$388,845.97	$16,490.56
2019	1.50	$365,057.03	24.00	22.85	0.9523	1.0000	$347,639.88	$15,210.71
2018	2.50	$362,003.88	24.00	22.21	0.9256	1.0000	$335,064.44	$15,083.50
2017	3.50	$2,452,487.55	24.00	21.63	0.9012	1.0000	$2,210,133.88	$102,186.98
2016	4.50	$378,129.87	24.00	21.09	0.8786	1.0000	$332,239.12	$15,755.41
2015	5.50	$396,531.07	24.00	20.58	0.8575	1.0000	$340,027.63	$16,522.13
2014	6.50	$361,511.49	24.00	20.10	0.8376	1.0000	$302,790.52	$15,062.98
2013	7.50	$357,711.36	24.00	19.65	0.8186	1.0000	$292,833.83	$14,904.64
2012	8.50	$546,440.48	24.00	19.21	0.8006	1.0000	$437,455.20	$22,768.35
2011	9.50	$399,662.76	24.00	18.80	0.7832	1.0000	$313,018.66	$16,652.62
2010	10.50	$392,258.95	24.00	18.40	0.7665	1.0000	$300,655.85	$16,344.12
2009	11.50	$220,081.41	24.00	18.01	0.7503	1.0000	$165,117.57	$9,170.06
2008	12.50	$148,400.47	24.00	17.63	0.7344	1.0000	$108,987.28	$6,183.35
2007	13.50	$103,333.80	24.00	17.25	0.7189	1.0000	$74,289.05	$4,305.58
2006	14.50	$174,214.48	24.00	16.89	0.7038	1.0000	$122,603.97	$7,258.94
2005	15.50	$334,735.51	24.00	16.53	0.6889	1.0000	$230,599.39	$13,947.31
2004	16.50	$601,506.44	24.00	16.18	0.6744	1.0000	$405,635.24	$25,062.77
2003	17.50	$1,499,163.87	24.00	15.84	0.6601	1.0000	$989,645.65	$62,465.16
2002	18.50	$390,062.71	24.00	15.51	0.6462	1.0000	$252,055.30	$16,252.61
2001	19.50	$1,777,862.99	24.00	15.18	0.6325	1.0000	$1,124,572.07	$74,077.62
2000	20.50	$58,033.45	24.00	14.86	0.6192	1.0000	$35,932.64	$2,418.06
1999	21.50	$8,210,628.90	24.00	14.55	0.6061	1.0000	$4,976,349.67	$342,109.54
1998	22.50	$10,652,724.55	24.00	14.24	0.5932	1.0000	$6,319,681.92	$443,863.52
1997	23.50	$3,715,232.10	24.00	13.94	0.5807	1.0000	$2,157,307.01	$154,801.34
1996	24.50	$1,698,359.07	24.00	13.64	0.5683	1.0000	$965,249.24	$70,764.96
1995	25.50	$1,646,245.22	24.00	13.35	0.5563	1.0000	$915,742.10	$68,593.55
1994	26.50	$382,618.08	24.00	13.07	0.5444	1.0000	$208,303.68	$15,942.42
1993	27.50	$278,319.03	24.00	12.79	0.5328	1.0000	$148,296.02	$11,596.63
1992	28.50	$282,894.78	24.00	12.51	0.5214	1.0000	$147,508.34	$11,787.28
1991	29.50	$333,519.69	24.00	12.25	0.5103	1.0000	$170,179.34	$13,896.65
1990	30.50	$427,704.93	24.00	11.98	0.4993	1.0000	$213,545.46	$17,821.04
1989	31.50	$284,849.97	24.00	11.72	0.4885	1.0000	$139,157.84	$11,868.75

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3730 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$437,026.92	24.00	11.47	0.4780	1.0000	$208,888.58	$18,209.45
1987	33.50	$242,283.47	24.00	11.22	0.4676	1.0000	$113,300.44	$10,095.14
1986	34.50	$127,198.21	24.00	10.98	0.4575	1.0000	$58,188.90	$5,299.93
1985	35.50	$562,052.53	24.00	10.74	0.4475	1.0000	$251,504.94	$23,418.86
1984	36.50	$524,934.19	24.00	10.50	0.4377	1.0000	$229,746.85	$21,872.26
1983	37.50	$495,629.63	24.00	10.27	0.4280	1.0000	$212,139.30	$20,651.23
1982	38.50	$299,294.56	24.00	10.05	0.4185	1.0000	$125,268.69	$12,470.61
1981	39.50	$187,517.31	24.00	9.82	0.4093	1.0000	$76,750.21	$7,813.22
1980	40.50	$177,257.58	24.00	9.60	0.4001	1.0000	$70,925.04	$7,385.73
1979	41.50	$241,759.58	24.00	9.39	0.3911	1.0000	$94,561.14	$10,073.32
1978	42.50	$170,307.58	24.00	9.18	0.3823	1.0000	$65,108.94	$7,096.15
1977	43.50	$226,654.70	24.00	8.97	0.3736	1.0000	$84,675.14	$9,443.95
1976	44.50	$159,609.34	24.00	8.76	0.3650	1.0000	$58,263.57	$6,650.39
1975	45.50	$92,454.19	24.00	8.56	0.3567	1.0000	$32,976.50	$3,852.26
1974	46.50	$88,266.31	24.00	8.36	0.3484	1.0000	$30,751.09	$3,677.76
1973	47.50	$85,343.54	24.00	8.17	0.3402	1.0000	$29,036.57	$3,555.98
1972	48.50	$116,592.98	24.00	7.97	0.3322	1.0000	$38,732.19	$4,858.04
1971	49.50	$74,100.34	24.00	7.78	0.3243	1.0000	$24,030.56	$3,087.51
1970	50.50	$24,288.07	24.00	7.60	0.3165	1.0000	$7,687.53	$1,012.00
1969	51.50	$15,813.27	24.00	7.41	0.3089	1.0000	$4,885.07	$658.89
1968	52.50	$13,670.93	24.00	7.23	0.3014	1.0000	$4,119.95	$569.62
1967	53.50	$11,167.73	24.00	7.05	0.2939	1.0000	$3,282.37	$465.32
1966	54.50	$15,258.84	24.00	6.88	0.2866	1.0000	$4,372.74	$635.79
1965	55.50	$14,742.53	24.00	6.70	0.2793	1.0000	$4,118.20	$614.27
1964	56.50	$5,223.97	24.00	6.53	0.2722	1.0000	$1,422.00	$217.67
1963	57.50	$13,551.74	24.00	6.37	0.2653	1.0000	$3,595.01	$564.66
1962	58.50	$16,869.08	24.00	6.20	0.2583	1.0000	$4,357.92	$702.88
1961	59.50	$12,900.52	24.00	6.04	0.2515	1.0000	$3,244.24	$537.52
1960	60.50	$16,895.96	24.00	5.87	0.2447	1.0000	$4,135.01	$704.00
1959	61.50	$11,886.77	24.00	5.71	0.2381	1.0000	$2,829.78	$495.28
		$44,108,611.76	24.00	14.87	0.6195	1.0000	$27,324,362.22	$1,837,858.82

Remaining Life Depreciation Accrual

Account: PECO Electric 3730 PA
Scenario: PECO Electric Groups 2021
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$44,108,611.76	14.87	$804,908.71	1.824833%	6.726081%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,094,521.41)	0.50	($43,635.86)	2.083333%	
Total:	$44,108,611.76 *		$761,272.85	1.725905%	6.361446%
Average:	$43,061,351.06		$761,272.85	1.767880%	6.971543%
Grand Total:	$44,108,611.76 *		$761,272.85	1.725905%	6.361446%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3731 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$43,832.01	24.00	23.58	0.9825	1.0000	$43,064.78	$1,826.33
2019	1.50	$103,753.40	24.00	22.85	0.9523	1.0000	$98,803.24	$4,323.06
2018	2.50	$31,538.40	24.00	22.21	0.9256	1.0000	$29,191.39	$1,314.10
2017	3.50	$92,913.81	24.00	21.63	0.9012	1.0000	$83,732.11	$3,871.41
2016	4.50	$74,553.55	24.00	21.09	0.8786	1.0000	$65,505.55	$3,106.40
2015	5.50	$98,556.59	24.00	20.58	0.8575	1.0000	$84,512.83	$4,106.52
2014	6.50	$81,904.20	24.00	20.10	0.8376	1.0000	$68,600.35	$3,412.68
2013	7.50	$113,537.66	24.00	19.65	0.8186	1.0000	$92,945.52	$4,730.74
2012	8.50	$96,366.83	24.00	19.21	0.8006	1.0000	$77,146.87	$4,015.28
2011	9.50	$81,347.02	24.00	18.80	0.7832	1.0000	$63,711.55	$3,389.46
2010	10.50	$162,150.82	24.00	18.40	0.7665	1.0000	$124,284.21	$6,756.28
2009	11.50	$55,854.09	24.00	18.01	0.7503	1.0000	$41,904.91	$2,327.25
2008	12.50	$107,493.38	24.00	17.63	0.7344	1.0000	$78,944.57	$4,478.89
2007	13.50	$13,294.64	24.00	17.25	0.7189	1.0000	$9,557.82	$553.94
2006	14.50	$5,286.50	24.00	16.89	0.7038	1.0000	$3,720.39	$220.27
2005	15.50	$5,973.86	24.00	16.53	0.6889	1.0000	$4,115.39	$248.91
2004	16.50	$2,718.50	24.00	16.18	0.6744	1.0000	$1,833.26	$113.27
2003	17.50	$23,855.01	24.00	15.84	0.6601	1.0000	$15,747.45	$993.96
2002	18.50	$90,100.62	24.00	15.51	0.6462	1.0000	$58,222.28	$3,754.19
2001	19.50	$266,578.25	24.00	15.18	0.6325	1.0000	$168,621.80	$11,107.43
2000	20.50	$18,415.47	24.00	14.86	0.6192	1.0000	$11,402.33	$767.31
1999	21.50	$48,054.35	24.00	14.55	0.6061	1.0000	$29,125.08	$2,002.26
1998	22.50	$389,284.77	24.00	14.24	0.5932	1.0000	$230,941.48	$16,220.20
1997	23.50	$18,774.34	24.00	13.94	0.5807	1.0000	$10,901.61	$782.26
1996	24.50	$7,216.54	24.00	13.64	0.5683	1.0000	$4,101.46	$300.69
1995	25.50	$7,111.69	24.00	13.35	0.5563	1.0000	$3,955.96	$296.32
1986	34.50	$30.26	24.00	10.98	0.4575	1.0000	$13.84	$1.26
1985	35.50	$46.52	24.00	10.74	0.4475	1.0000	$20.82	$1.94
		$2,040,543.08	24.00	17.70	0.7374	1.0000	$1,504,628.86	$85,022.63

Remaining Life Depreciation Accrual

Account: PECO Electric 3731 PA
Scenario: PECO Electric Groups 2021
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$2,040,543.08	17.70	$81,565.42	3.997241%	5.650738%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($72,268.00)	0.50	($1,505.58)	2.083329%	
Total:	$2,040,543.08 *		$80,059.84	3.923457%	5.546433%
Average:	$2,004,409.08		$80,059.84	3.994186%	5.688843%
Grand Total:	$2,040,543.08 *		$80,059.84	3.923457%	5.546433%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3732 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$1,325,190.91	24.00	23.58	0.9825	1.0000	$1,301,995.08	$55,216.29
2019	1.50	$1,395,164.10	24.00	22.85	0.9523	1.0000	$1,328,599.74	$58,131.84
2018	2.50	$1,308,559.20	24.00	22.21	0.9256	1.0000	$1,211,179.43	$54,523.30
2017	3.50	$4,319,356.25	24.00	21.63	0.9012	1.0000	$3,892,519.48	$179,973.18
2016	4.50	$607,875.19	24.00	21.09	0.8786	1.0000	$534,102.00	$25,328.13
2015	5.50	$344,298.22	24.00	20.58	0.8575	1.0000	$295,237.67	$14,345.76
2014	6.50	$244,104.54	24.00	20.10	0.8376	1.0000	$204,454.20	$10,171.02
2013	7.50	$158,014.04	24.00	19.65	0.8186	1.0000	$129,355.29	$6,583.92
2012	8.50	$228,779.64	24.00	19.21	0.8006	1.0000	$183,150.49	$9,532.49
2011	9.50	$128,028.95	24.00	18.80	0.7832	1.0000	$100,273.17	$5,334.54
2010	10.50	$90,279.89	24.00	18.40	0.7665	1.0000	$69,197.09	$3,761.66
2009	11.50	$80,600.01	24.00	18.01	0.7503	1.0000	$60,470.70	$3,358.33
2008	12.50	$78,529.70	24.00	17.63	0.7344	1.0000	$57,673.25	$3,272.07
2007	13.50	$25,222.89	24.00	17.25	0.7189	1.0000	$18,133.32	$1,050.95
2006	14.50	$6,522.49	24.00	16.89	0.7038	1.0000	$4,590.22	$271.77
2005	15.50	$4.33	24.00	16.53	0.6889	1.0000	$2.98	$0.18
2004	16.50	$5.86	24.00	16.18	0.6744	1.0000	$3.95	$0.24
2003	17.50	$2,187.40	24.00	15.84	0.6601	1.0000	$1,443.97	$91.14
2002	18.50	$9,863.03	24.00	15.51	0.6462	1.0000	$6,373.41	$410.96
2001	19.50	$13,262.22	24.00	15.18	0.6325	1.0000	$8,388.90	$552.59
2000	20.50	$689.74	24.00	14.86	0.6192	1.0000	$427.07	$28.74
1999	21.50	$14,476.39	24.00	14.55	0.6061	1.0000	$8,773.94	$603.18
1998	22.50	$111,034.13	24.00	14.24	0.5932	1.0000	$65,870.51	$4,626.42
1997	23.50	$20,327.86	24.00	13.94	0.5807	1.0000	$11,803.69	$846.99
1996	24.50	$45,390.05	24.00	13.64	0.5683	1.0000	$25,797.08	$1,891.25
1995	25.50	$24,405.28	24.00	13.35	0.5563	1.0000	$13,575.71	$1,016.89
1994	26.50	$2,012.63	24.00	13.07	0.5444	1.0000	$1,095.71	$83.86
1993	27.50	$5,567.11	24.00	12.79	0.5328	1.0000	$2,966.31	$231.96
1992	28.50	$7,784.60	24.00	12.51	0.5214	1.0000	$4,059.08	$324.36
1991	29.50	$9,554.41	24.00	12.25	0.5103	1.0000	$4,875.16	$398.10
1990	30.50	$10,584.23	24.00	11.98	0.4993	1.0000	$5,284.52	$441.01
1989	31.50	$4,719.68	24.00	11.72	0.4885	1.0000	$2,305.71	$196.65

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3732 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$1,032.48	24.00	11.47	0.4780	1.0000	$493.50	$43.02
1987	33.50	$2,141.35	24.00	11.22	0.4676	1.0000	$1,001.37	$89.22
1986	34.50	$2,276.73	24.00	10.98	0.4575	1.0000	$1,041.53	$94.86
1985	35.50	$2,928.79	24.00	10.74	0.4475	1.0000	$1,310.56	$122.03
1984	36.50	$1,635.80	24.00	10.50	0.4377	1.0000	$715.94	$68.16
1983	37.50	$1,792.90	24.00	10.27	0.4280	1.0000	$767.40	$74.70
1982	38.50	$1,254.12	24.00	10.05	0.4185	1.0000	$524.91	$52.25
1981	39.50	$42.88	24.00	9.82	0.4093	1.0000	$17.55	$1.79
1980	40.50	$0.36	24.00	9.60	0.4001	1.0000	$0.14	$0.02
1979	41.50	$0.90	24.00	9.39	0.3911	1.0000	$0.35	$0.04
1978	42.50	$0.73	24.00	9.18	0.3823	1.0000	$0.28	$0.03
1974	46.50	$0.40	24.00	8.36	0.3484	1.0000	$0.14	$0.02
1971	49.50	$0.81	24.00	7.78	0.3243	1.0000	$0.26	$0.03
1919	101.50	$0.89	24.00	0.00	0.0000	0.0000	$0.00	$0.00
1918	102.50	$0.95	24.00	0.00	0.0000	0.0000	$0.00	$0.00
1917	103.50	$0.56	24.00	0.00	0.0000	0.0000	$0.00	$0.00
1916	104.50	$0.80	24.00	0.00	0.0000	0.0000	$0.00	$0.00
1915	105.50	$0.36	24.00	0.00	0.0000	0.0000	$0.00	$0.00
1914	106.50	$0.46	24.00	0.00	0.0000	0.0000	$0.00	$0.00
		$10,635,507.24	24.00	21.57	0.8989	1.0000	$9,559,852.76	$443,145.97

Remaining Life Depreciation Accrual

Account: PECO Electric 3732 PA
Scenario: PECO Electric Groups 2021
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$10,635,507.24	21.57	$801,415.46	7.535282%	4.635489%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($223,812.76)	0.50	($4,662.77)	2.083335%	
Total:	$10,635,507.24 *		$796,752.69	7.491440%	4.608519%
Average:	$10,523,600.86		$796,752.69	7.571103%	4.638544%
Grand Total:	$10,635,507.24 *		$796,752.69	7.491440%	4.608519%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3733 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2003	17.50	($6.52)	24.00	15.84	0.6601	1.0000	($4.30)	($0.27)
2002	18.50	$7.10	24.00	15.51	0.6462	1.0000	$4.59	$0.30
2001	19.50	$96.72	24.00	15.18	0.6325	1.0000	$61.18	$4.03
2000	20.50	$8,020.39	24.00	14.86	0.6192	1.0000	$4,965.99	$334.18
1999	21.50	$795,348.18	24.00	14.55	0.6061	1.0000	$482,049.63	$33,139.51
1998	22.50	$1,030,878.48	24.00	14.24	0.5932	1.0000	$611,564.12	$42,953.27
1997	23.50	$354,735.94	24.00	13.94	0.5807	1.0000	$205,982.91	$14,780.66
1996	24.50	$145,037.08	24.00	13.64	0.5683	1.0000	$82,430.70	$6,043.21
1995	25.50	$153,962.44	24.00	13.35	0.5563	1.0000	$85,643.31	$6,415.10
1994	26.50	$65,942.84	24.00	13.07	0.5444	1.0000	$35,900.38	$2,747.62
1993	27.50	$165,557.05	24.00	12.79	0.5328	1.0000	$88,213.34	$6,898.21
1992	28.50	$123,795.25	24.00	12.51	0.5214	1.0000	$64,549.91	$5,158.14
1991	29.50	$137,323.13	24.00	12.25	0.5103	1.0000	$70,069.51	$5,721.80
1990	30.50	$218,921.68	24.00	11.98	0.4993	1.0000	$109,303.70	$9,121.74
1989	31.50	$178,106.10	24.00	11.72	0.4885	1.0000	$87,010.22	$7,421.09
1988	32.50	$247,965.27	24.00	11.47	0.4780	1.0000	$118,521.56	$10,331.89
1987	33.50	$162,745.82	24.00	11.22	0.4676	1.0000	$76,105.78	$6,781.08
1986	34.50	$139,650.24	24.00	10.98	0.4575	1.0000	$63,885.28	$5,818.76
1985	35.50	$177,432.44	24.00	10.74	0.4475	1.0000	$79,396.74	$7,393.02
1984	36.50	$90,923.20	24.00	10.50	0.4377	1.0000	$39,794.17	$3,788.47
1983	37.50	$93,250.15	24.00	10.27	0.4280	1.0000	$39,912.91	$3,885.42
1982	38.50	$103,329.24	24.00	10.05	0.4185	1.0000	$43,248.09	$4,305.39
1981	39.50	$85,402.36	24.00	9.82	0.4093	1.0000	$34,954.90	$3,558.43
1980	40.50	$68,989.98	24.00	9.60	0.4001	1.0000	$27,604.56	$2,874.58
1979	41.50	$102,910.86	24.00	9.39	0.3911	1.0000	$40,252.26	$4,287.95
1978	42.50	$90,886.18	24.00	9.18	0.3823	1.0000	$34,745.97	$3,786.92
1977	43.50	$100,033.87	24.00	8.97	0.3736	1.0000	$37,371.31	$4,168.08
1976	44.50	$116,014.53	24.00	8.76	0.3650	1.0000	$42,349.78	$4,833.94
1975	45.50	$85,636.53	24.00	8.56	0.3567	1.0000	$30,544.78	$3,568.19
1974	46.50	$93,741.83	24.00	8.36	0.3484	1.0000	$32,658.71	$3,905.91
1973	47.50	$95,181.47	24.00	8.17	0.3402	1.0000	$32,383.75	$3,965.89
1972	48.50	$55,121.13	24.00	7.97	0.3322	1.0000	$18,311.24	$2,296.71

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3733 PA
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1971	49.50	$28,007.23	24.00	7.78	0.3243	1.0000	$9,082.68	$1,166.97
1970	50.50	$14,916.81	24.00	7.60	0.3165	1.0000	$4,721.39	$621.53
1969	51.50	$11,545.02	24.00	7.41	0.3089	1.0000	$3,566.51	$481.04
1968	52.50	$9,204.50	24.00	7.23	0.3014	1.0000	$2,773.92	$383.52
1967	53.50	$8,736.44	24.00	7.05	0.2939	1.0000	$2,567.77	$364.02
1966	54.50	$7,471.52	24.00	6.88	0.2866	1.0000	$2,141.12	$311.31
1965	55.50	$839.66	24.00	6.70	0.2793	1.0000	$234.55	$34.99
		$5,367,662.14	24.00	12.27	0.5114	1.0000	$2,744,874.92	$223,652.59

Remaining Life Depreciation Accrual

Account: PECO Electric 3733 PA
Scenario: PECO Electric Groups 2021
Dispersion: 24.00 - L0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$5,367,662.14	12.27	$42,832.12	0.797966%	8.148007%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($328,959.69)	0.50	($6,853.33)	2.083334%	
Total:	$5,367,662.14 *		$35,978.79	0.670288%	6.844290%
Average:	$5,203,182.30		$35,978.79	0.691477%	9.961010%
Grand Total:	$5,367,662.14 *		$35,978.79	0.670288%	6.844290%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 390 Composite 2021

Account: PECO Elect 390 Composite
Dispersion: 45.00 - S0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$1,994,462.62	45.00	44.51	0.9892	1.0000	$1,972,828.76	$44,321.39
2019	1.50	$156,590.35	45.00	43.58	0.9684	1.0000	$151,640.29	$3,479.79
2018	2.50	$83,562.51	45.00	42.68	0.9485	1.0000	$79,257.08	$1,856.94
2017	3.50	$1,441,318.69	45.00	41.82	0.9294	1.0000	$1,339,595.43	$32,029.30
2016	4.50	$935,715.42	45.00	41.00	0.9110	1.0000	$852,462.16	$20,793.68
2015	5.50	$2,014,475.76	45.00	40.19	0.8932	1.0000	$1,799,345.72	$44,766.13
2014	6.50	$1,935,577.56	45.00	39.42	0.8759	1.0000	$1,695,387.46	$43,012.83
2013	7.50	$553,357.27	45.00	38.66	0.8590	1.0000	$475,358.33	$12,296.83
2012	8.50	$2,710,848.28	45.00	37.92	0.8427	1.0000	$2,284,362.49	$60,241.07
2011	9.50	$2,520,260.57	45.00	37.20	0.8267	1.0000	$2,083,503.23	$56,005.79
2010	10.50	$6,218,145.60	45.00	36.50	0.8111	1.0000	$5,043,518.47	$138,181.01
2009	11.50	$585,768.72	45.00	35.81	0.7958	1.0000	$466,158.69	$13,017.08
2008	12.50	$187,650.44	45.00	35.14	0.7809	1.0000	$146,532.41	$4,170.01
2007	13.50	$386,939.74	45.00	34.48	0.7663	1.0000	$296,497.57	$8,598.66
2006	14.50	$229,769.87	45.00	33.84	0.7519	1.0000	$172,767.24	$5,106.00
2005	15.50	$411,487.24	45.00	33.20	0.7378	1.0000	$303,610.68	$9,144.16
2004	16.50	$100,945.76	45.00	32.58	0.7240	1.0000	$73,084.67	$2,243.24
2003	17.50	$3,789,268.44	45.00	31.97	0.7104	1.0000	$2,691,973.94	$84,205.97
2002	18.50	$172,481.25	45.00	31.37	0.6971	1.0000	$120,229.99	$3,832.92
2001	19.50	$672,471.52	45.00	30.78	0.6839	1.0000	$459,915.05	$14,943.81
1999	21.50	$499,294.52	45.00	29.62	0.6582	1.0000	$328,639.63	$11,095.43
1998	22.50	$5,149,515.88	45.00	29.05	0.6456	1.0000	$3,324,778.65	$114,433.69
1997	23.50	$533,722.47	45.00	28.50	0.6333	1.0000	$337,984.44	$11,860.50
1996	24.50	$37,470.65	45.00	27.95	0.6210	1.0000	$23,270.51	$832.68
1995	25.50	$160,864.09	45.00	27.40	0.6090	1.0000	$97,958.37	$3,574.76
1994	26.50	$236,579.53	45.00	26.87	0.5970	1.0000	$141,247.20	$5,257.32
1993	27.50	$2,308,233.21	45.00	26.34	0.5853	1.0000	$1,350,958.83	$51,294.07
1992	28.50	$2,724,668.88	45.00	25.81	0.5736	1.0000	$1,562,998.69	$60,548.20
1991	29.50	$1,028.95	45.00	25.30	0.5621	1.0000	$578.41	$22.87
1990	30.50	$342,603.06	45.00	24.79	0.5508	1.0000	$188,698.26	$7,613.40
1989	31.50	$561,979.90	45.00	24.28	0.5395	1.0000	$303,206.77	$12,488.44
1988	32.50	$726,378.66	45.00	23.78	0.5284	1.0000	$383,823.51	$16,141.75

Generation Arrangement Report

PECO Elect 390 Composite 2021

Account: PECO Elect 390 Composite
Dispersion: 45.00 - S0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1987	33.50	$295,387.48	45.00	23.28	0.5174	1.0000	$152,829.67	$6,564.17
1986	34.50	$1,335,855.31	45.00	22.79	0.5065	1.0000	$676,574.93	$29,685.67
1985	35.50	$604,008.13	45.00	22.31	0.4957	1.0000	$299,393.73	$13,422.40
1984	36.50	$382,435.67	45.00	21.82	0.4850	1.0000	$185,474.87	$8,498.57
1983	37.50	$124,422.17	45.00	21.35	0.4744	1.0000	$59,023.09	$2,764.94
1982	38.50	$359,862.88	45.00	20.87	0.4639	1.0000	$166,927.22	$7,996.95
1981	39.50	$120,378.95	45.00	20.41	0.4535	1.0000	$54,585.93	$2,675.09
1980	40.50	$514,893.54	45.00	19.94	0.4431	1.0000	$228,156.83	$11,442.08
1979	41.50	$49,431.66	45.00	19.48	0.4329	1.0000	$21,397.49	$1,098.48
1978	42.50	$12,528.42	45.00	19.02	0.4227	1.0000	$5,295.85	$278.41
1976	44.50	$1,405.70	45.00	18.12	0.4026	1.0000	$565.95	$31.24
1975	45.50	$3,532.85	45.00	17.67	0.3927	1.0000	$1,387.25	$78.51
1974	46.50	$1,109,998.60	45.00	17.23	0.3828	1.0000	$424,915.58	$24,666.64
1973	47.50	$8,156.69	45.00	16.79	0.3730	1.0000	$3,042.52	$181.26
1972	48.50	$6,218.08	45.00	16.35	0.3633	1.0000	$2,258.95	$138.18
1971	49.50	$27,057.89	45.00	15.91	0.3536	1.0000	$9,568.27	$601.29
1970	50.50	$3,533.50	45.00	15.48	0.3440	1.0000	$1,215.57	$78.52
1969	51.50	$2,919,511.04	45.00	15.05	0.3345	1.0000	$976,501.88	$64,878.02
1968	52.50	$11,514.21	45.00	14.63	0.3250	1.0000	$3,742.13	$255.87
1967	53.50	$2,284.74	45.00	14.20	0.3156	1.0000	$721.00	$50.77
1966	54.50	$7,150.71	45.00	13.78	0.3062	1.0000	$2,189.59	$158.90
1964	56.50	$35,896.35	45.00	12.94	0.2876	1.0000	$10,325.43	$797.70
1963	57.50	$25,555.62	45.00	12.53	0.2784	1.0000	$7,115.29	$567.90
1962	58.50	$1,494.46	45.00	12.12	0.2693	1.0000	$402.40	$33.21
1961	59.50	$10,696.14	45.00	11.71	0.2601	1.0000	$2,782.60	$237.69
1960	60.50	$6,328.45	45.00	11.30	0.2511	1.0000	$1,589.00	$140.63
1959	61.50	$18,148.40	45.00	10.89	0.2421	1.0000	$4,393.36	$403.30
1958	62.50	$508,021.10	45.00	10.49	0.2331	1.0000	$118,419.80	$11,289.36
1957	63.50	$1,158.59	45.00	10.09	0.2242	1.0000	$259.73	$25.75
1956	64.50	$10,888.67	45.00	9.69	0.2153	1.0000	$2,344.12	$241.97
1955	65.50	$1,752,190.13	45.00	9.29	0.2065	1.0000	$361,760.88	$38,937.56
1954	66.50	$959.98	45.00	8.89	0.1976	1.0000	$189.73	$21.33

Generation Arrangement Report

PECO Elect 390 Composite 2021

Account: PECO Elect 390 Composite
Dispersion: 45.00 - S0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1952	68.50	$981.95	45.00	8.11	0.1801	1.0000	$176.89	$21.82
1951	69.50	$1,377.12	45.00	7.72	0.1714	1.0000	$236.10	$30.60
1950	70.50	$5,950.18	45.00	7.33	0.1628	1.0000	$968.81	$132.23
1949	71.50	$13,572.45	45.00	6.94	0.1542	1.0000	$2,092.83	$301.61
1948	72.50	$215.87	45.00	6.55	0.1456	1.0000	$31.43	$4.80
1946	74.50	$19,578.90	45.00	5.79	0.1286	1.0000	$2,517.57	$435.09
1941	79.50	$129.90	45.00	3.89	0.0865	1.0000	$11.24	$2.89
1935	85.50	$50.25	45.00	1.67	0.0372	1.0000	$1.87	$1.12
1931	89.50	$1,075.45	45.00	0.25	0.0056	1.0000	$5.98	$23.90
1929	91.50	$14,004.80	45.00	0.00	0.0000	0.0000	$0.00	$0.00
1927	93.50	$5,751.36	45.00	0.00	0.0000	0.0000	$0.00	$0.00
		$50,717,031.75	45.00	30.48	0.6772	1.0000	$34,343,566.31	$1,126,606.12

Remaining Life Depreciation Accrual

Account: PECO Elect 390 Composite
Scenario: PECO Elect 390 Composite 2021
Dispersion: 45.00 - S0

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$50,717,031.75	30.48	$1,237,092.44	2.439205%	3.280399%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($833,522.26)	0.50	($9,261.36)	1.111111%	
Total:	$50,717,031.75 *		$1,227,831.08	2.420944%	3.255841%
Average:	$50,300,270.62		$1,227,831.08	2.441003%	3.292224%
Grand Total:	$50,717,031.75 *		$1,227,831.08	2.420944%	3.255841%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3911 PA
Dispersion: 10.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2011	9.50	$83,462.18	10.00	0.50	0.0500	1.0000	$4,173.11	$8,346.22
		$83,462.18	10.00	0.50	0.0500	1.0000	$4,173.11	$8,346.22

Remaining Life Depreciation Accrual

Account: PECO Electric 3911 PA
Scenario: PECO Electric Groups 2021
Dispersion: 10.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$83,462.18	0.50	$8,902.13	10.666065%	100.000000%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($83,462.18)	0.50	($4,173.11)	5.000001%	
Total:	$83,462.18 *		$4,729.02	5.666063%	53.122343%
Average:	$41,731.09		$4,729.02	11.332127%	-14.405025%
Grand Total:	$83,462.18 *		$4,729.02	5.666063%	53.122343%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3912 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$184,414.93	15.00	14.50	0.9667	1.0000	$178,267.77	$12,294.33
2018	2.50	$58,420.87	15.00	12.50	0.8333	1.0000	$48,684.06	$3,894.72
2016	4.50	$145,009.33	15.00	10.50	0.7000	1.0000	$101,506.53	$9,667.29
2015	5.50	$252,830.77	15.00	9.50	0.6333	1.0000	$160,126.15	$16,855.38
2013	7.50	$11,777.35	15.00	7.50	0.5000	1.0000	$5,888.68	$785.16
2012	8.50	$1,193.88	15.00	6.50	0.4333	1.0000	$517.35	$79.59
2009	11.50	$78,405.46	15.00	3.50	0.2333	1.0000	$18,294.61	$5,227.03
		$732,052.59	15.00	10.52	0.7012	1.0000	$513,285.14	$48,803.51

Remaining Life Depreciation Accrual

Account: PECO Electric 3912 PA
Scenario: PECO Electric Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$732,052.59	10.52	$52,068.56	7.112681%	9.508070%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$732,052.59 *		$52,068.56	7.112681%	9.508070%
Average:	$732,052.59		$52,068.56	7.112681%	9.508070%
Grand Total:	$732,052.59 *		$52,068.56	7.112681%	9.508070%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elect 391.3 Composite 2021

Account: PECO Electric 3913 PA
Dispersion: 5.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$12,464,214.05	5.00	4.50	0.9000	1.0000	$11,217,792.65	$2,492,842.81
2019	1.50	$3,853,484.29	5.00	3.50	0.7000	1.0000	$2,697,439.00	$770,696.86
2018	2.50	$11,329,586.35	5.00	2.50	0.5000	1.0000	$5,664,793.18	$2,265,917.27
2017	3.50	$7,202,295.48	5.00	1.50	0.3000	1.0000	$2,160,688.64	$1,440,459.10
2016	4.50	$2,950,105.55	5.00	0.50	0.1000	1.0000	$295,010.56	$590,021.11
2014	6.50	$27,748.97	5.00	0.00	0.0000	0.0000	$0.00	$0.00
		$37,827,434.69	5.00	2.91	0.5825	1.0000	$22,035,724.02	$7,559,937.14

Remaining Life Depreciation Accrual

Account: PECO Electric 3913 PA
Scenario: PECO Elect 391.3 Composite 2021
Dispersion: 5.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$37,827,434.69	2.91	$7,701,440.14	20.359404%	34.307636%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,950,105.55)	0.50	($295,010.56)	10.000000%	
Total:	$37,827,434.69 *		$7,406,429.58	19.579519%	32.993451%
Average:	$36,352,381.92		$7,406,429.58	20.373987%	35.313901%
Grand Total:	$37,827,434.69 *		$7,406,429.58	19.579519%	32.993451%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3930 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2013	7.50	$44,814.19	15.00	7.50	0.5000	1.0000	$22,407.10	$2,987.61
2008	12.50	$1,656.92	15.00	2.50	0.1667	1.0000	$276.15	$110.46
		$46,471.11	15.00	7.32	0.4881	1.0000	$22,683.25	$3,098.07

Remaining Life Depreciation Accrual

Account: PECO Electric 3930 PA
Scenario: PECO Electric Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$46,471.11	7.32	$4,291.51	9.234788%	13.657982%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$46,471.11 *		$4,291.51	9.234788%	13.657982%
Average:	$46,471.11		$4,291.51	9.234788%	13.657982%
Grand Total:	$46,471.11 *		$4,291.51	9.234788%	13.657982%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elec 394 Composite 2021

Account: PECO Electric 394 Composite
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$6,575,481.37	15.00	14.50	0.9667	1.0000	$6,356,298.66	$438,365.42
2019	1.50	$3,358,927.63	15.00	13.50	0.9000	1.0000	$3,023,034.87	$223,928.51
2018	2.50	$3,579,047.00	15.00	12.50	0.8333	1.0000	$2,982,539.17	$238,603.13
2017	3.50	$4,759,315.83	15.00	11.50	0.7667	1.0000	$3,648,808.80	$317,287.72
2016	4.50	$4,440,979.77	15.00	10.50	0.7000	1.0000	$3,108,685.84	$296,065.32
2015	5.50	$3,157,790.51	15.00	9.50	0.6333	1.0000	$1,999,933.99	$210,519.37
2014	6.50	$3,347,957.09	15.00	8.50	0.5667	1.0000	$1,897,175.68	$223,197.14
2013	7.50	$2,631,164.45	15.00	7.50	0.5000	1.0000	$1,315,582.23	$175,410.96
2012	8.50	$1,690,962.99	15.00	6.50	0.4333	1.0000	$732,750.63	$112,730.87
2011	9.50	$2,711,264.82	15.00	5.50	0.3667	1.0000	$994,130.43	$180,750.99
2010	10.50	$1,954,316.24	15.00	4.50	0.3000	1.0000	$586,294.87	$130,287.75
2009	11.50	$967,257.27	15.00	3.50	0.2333	1.0000	$225,693.36	$64,483.82
2008	12.50	$521,432.98	15.00	2.50	0.1667	1.0000	$86,905.50	$34,762.20
2007	13.50	$1,052,519.06	15.00	1.50	0.1000	1.0000	$105,251.91	$70,167.94
2006	14.50	$1,605,606.17	15.00	0.50	0.0333	1.0000	$53,520.21	$107,040.41
		$42,354,023.18	15.00	9.60	0.6402	1.0000	$27,116,606.14	$2,823,601.55

Remaining Life Depreciation Accrual

Account: PECO Electric 394 Composite
Scenario: PECO Elec 394 Composite 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$42,354,023.18	9.60	$2,969,096.69	7.010188%	10.412813%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($1,605,606.17)	0.50	($53,520.21)	3.333334%	
Total:	$42,354,023.18 *		$2,915,576.48	6.883824%	10.225114%
Average:	$41,551,220.10		$2,915,576.48	7.016825%	10.521340%
Grand Total:	$42,354,023.18 *		$2,915,576.48	6.883824%	10.225114%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3951 PA
Dispersion: 20.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2007	13.50	$90,148.95	20.00	6.50	0.3250	1.0000	$29,298.41	$4,507.45
2006	14.50	$6,644.07	20.00	5.50	0.2750	1.0000	$1,827.12	$332.20
2005	15.50	$158,343.65	20.00	4.50	0.2250	1.0000	$35,627.32	$7,917.18
2003	17.50	$55,889.29	20.00	2.50	0.1250	1.0000	$6,986.16	$2,794.46
		$311,025.96	20.00	4.74	0.2371	1.0000	$73,739.01	$15,551.30

Remaining Life Depreciation Accrual

Account: PECO Electric 3951 PA
Scenario: PECO Electric Groups 2021
Dispersion: 20.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$311,025.96	4.74	$14,708.18	4.728925%	21.089647%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$311,025.96 *		$14,708.18	4.728925%	21.089647%
Average:	$311,025.96		$14,708.18	4.728925%	21.089647%
Grand Total:	$311,025.96 *		$14,708.18	4.728925%	21.089647%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3952 PA

Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2007	13.50	$101,381.74	15.00	1.50	0.1000	1.0000	$10,138.17	$6,758.78
		$101,381.74	15.00	1.50	0.1000	1.0000	$10,138.17	$6,758.78

Remaining Life Depreciation Accrual

Account: PECO Electric 3952 PA
Scenario: PECO Electric Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$101,381.74	1.50	$8,680.42	8.562114%	66.666667%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$101,381.74 *		$8,680.42	8.562114%	66.666667%
Average:	$101,381.74		$8,680.42	8.562114%	66.666667%
Grand Total:	$101,381.74 *		$8,680.42	8.562114%	66.666667%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric 397 2021

Account: PECO Electric 3970 PA
Dispersion: 20.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$760,751.66	20.00	19.50	0.9750	1.0000	$741,732.87	$38,037.58
2019	1.50	$12,592,412.67	20.00	18.50	0.9250	1.0000	$11,647,981.72	$629,620.63
2018	2.50	$9,052,422.65	20.00	17.50	0.8750	1.0000	$7,921,114.24	$452,621.13
2017	3.50	$2,905,050.71	20.00	16.51	0.8253	1.0000	$2,397,560.46	$145,252.54
2016	4.50	$10,046,813.78	20.00	15.52	0.7762	1.0000	$7,798,107.80	$502,340.69
2015	5.50	$6,141,488.85	20.00	14.56	0.7279	1.0000	$4,470,436.56	$307,074.44
2014	6.50	$22,617,776.03	20.00	13.61	0.6807	1.0000	$15,396,127.87	$1,130,888.80
2013	7.50	$6,170,886.28	20.00	12.69	0.6347	1.0000	$3,916,752.79	$308,544.31
2012	8.50	$4,081,158.43	20.00	11.80	0.5900	1.0000	$2,408,047.96	$204,057.92
2011	9.50	$31,357,576.37	20.00	10.94	0.5470	1.0000	$17,151,360.38	$1,567,878.82
2010	10.50	$22,103,323.77	20.00	10.12	0.5060	1.0000	$11,183,565.90	$1,105,166.19
2009	11.50	$579,323.51	20.00	9.36	0.4679	1.0000	$271,066.52	$28,966.18
2007	13.50	$951,922.05	20.00	8.06	0.4029	1.0000	$383,576.22	$47,596.10
		$129,360,906.76	20.00	13.25	0.6624	1.0000	$85,687,431.30	$6,468,045.34

Remaining Life Depreciation Accrual

Account: PECO Electric 3970 PA
Scenario: PECO Electric 397 2021
Dispersion: 20.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$129,360,906.76	13.25	$7,129,814.82	5.511568%	7.548418%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($1,437,985.24)	0.50	($35,949.63)	2.500000%	
Total:	$129,360,906.76 *		$7,093,865.19	5.483778%	7.510358%
Average:	$128,641,914.14		$7,093,865.19	5.514428%	7.567966%
Grand Total:	$129,360,906.76 *		$7,093,865.19	5.483778%	7.510358%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Elec 397 SM 2021

Account: PECO Elec 3979 SM Comm Equip PA

Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%

Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$4,572,422.78	15.00	14.50	0.9667	1.0000	$4,420,008.68	$304,828.19
2019	1.50	$1,391,380.61	15.00	13.50	0.9001	1.0000	$1,252,320.47	$92,758.71
2018	2.50	$373,868.88	15.00	12.51	0.8338	1.0000	$311,738.28	$24,924.59
2017	3.50	$6,511,622.72	15.00	11.53	0.7687	1.0000	$5,005,217.83	$434,108.18
2016	4.50	$994,352.70	15.00	10.58	0.7054	1.0000	$701,442.38	$66,290.18
2015	5.50	$563,997.38	15.00	9.67	0.6450	1.0000	$363,751.83	$37,599.83
2014	6.50	$746,106.50	15.00	8.82	0.5880	1.0000	$438,692.48	$49,740.43
2013	7.50	$1,620,046.02	15.00	8.02	0.5348	1.0000	$866,450.58	$108,003.07
2011	9.50	$23,801,683.01	15.00	6.61	0.4407	1.0000	$10,489,624.40	$1,586,778.87
		$40,575,480.60	15.00	8.82	0.5878	1.0000	$23,849,246.94	$2,705,032.04

Remaining Life Depreciation Accrual

Account: PECO Elec 3979 SM Comm Equip PA
Scenario: PECO Elec 397 SM 2021
Dispersion: 15.00 - S2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$40,575,480.60	8.82	$2,802,730.53	6.907449%	11.342211%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($1,523,277.13)	0.50	($50,775.90)	3.333333%	
Total:	$40,575,480.60 *		$2,751,954.63	6.782309%	11.136729%
Average:	$39,813,842.04		$2,751,954.63	6.912055%	11.490905%
Grand Total:	$40,575,480.60 *		$2,751,954.63	6.782309%	11.136729%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Electric Groups 2021

Account: PECO Electric 3980 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$127,908.01	15.00	14.50	0.9667	1.0000	$123,644.41	$8,527.20
2008	12.50	($49,903.05)	15.00	2.50	0.1667	1.0000	($8,317.17)	($3,326.87)
2007	13.50	$75,720.10	15.00	1.50	0.1000	1.0000	$7,572.01	$5,048.01
		$153,725.06	15.00	11.99	0.7995	1.0000	$122,899.24	$10,248.34

Remaining Life Depreciation Accrual

Account: PECO Electric 3980 PA
Scenario: PECO Electric Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$153,725.06	11.99	$10,866.51	7.068795%	8.338813%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$153,725.06 *		$10,866.51	7.068795%	8.338813%
Average:	$153,725.06		$10,866.51	7.068795%	8.338813%
Grand Total:	$153,725.06 *		$10,866.51	7.068795%	8.338813%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common 390 Composite 2021

Account: PECO Common 390 Composite
Dispersion: 55.00 - R1

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$21,805,351.21	55.00	54.63	0.9932	1.0000	$21,658,072.01	$396,460.93
2019	1.50	$16,032,633.39	55.00	53.89	0.9798	1.0000	$15,708,717.74	$291,502.43
2018	2.50	$7,900,868.21	55.00	53.15	0.9664	1.0000	$7,635,620.82	$143,652.15
2017	3.50	$12,544,289.70	55.00	52.42	0.9531	1.0000	$11,956,562.58	$228,077.99
2016	4.50	$3,575,230.85	55.00	51.70	0.9399	1.0000	$3,360,474.29	$65,004.20
2015	5.50	$3,629,817.27	55.00	50.97	0.9268	1.0000	$3,364,052.85	$65,996.68
2014	6.50	$4,711,309.86	55.00	50.25	0.9137	1.0000	$4,304,710.91	$85,660.18
2013	7.50	$6,922,683.16	55.00	49.54	0.9007	1.0000	$6,235,155.03	$125,866.97
2012	8.50	$4,751,143.70	55.00	48.83	0.8878	1.0000	$4,217,851.74	$86,384.43
2011	9.50	$2,943,249.59	55.00	48.12	0.8749	1.0000	$2,574,976.63	$53,513.63
2010	10.50	$24,660,003.51	55.00	47.41	0.8621	1.0000	$21,258,391.94	$448,363.70
2009	11.50	$14,640,579.01	55.00	46.71	0.8493	1.0000	$12,434,164.12	$266,192.35
2008	12.50	$6,660,140.66	55.00	46.01	0.8366	1.0000	$5,571,838.49	$121,093.47
2007	13.50	$4,705,608.60	55.00	45.32	0.8240	1.0000	$3,877,207.69	$85,556.52
2006	14.50	$513,882.40	55.00	44.63	0.8114	1.0000	$416,951.01	$9,343.32
2005	15.50	$1,401,279.17	55.00	43.94	0.7988	1.0000	$1,119,401.17	$25,477.80
2004	16.50	$2,702,538.22	55.00	43.25	0.7863	1.0000	$2,125,134.58	$49,137.06
2003	17.50	$22,861,760.81	55.00	42.57	0.7739	1.0000	$17,692,951.86	$415,668.38
2002	18.50	$2,711,812.83	55.00	41.88	0.7615	1.0000	$2,065,113.24	$49,305.69
2001	19.50	$815,059.23	55.00	41.21	0.7492	1.0000	$610,638.40	$14,819.26
2000	20.50	$417,130.00	55.00	40.53	0.7369	1.0000	$307,388.90	$7,584.18
1999	21.50	$1,981,853.83	55.00	39.86	0.7247	1.0000	$1,436,206.91	$36,033.71
1998	22.50	$43,231,701.76	55.00	39.19	0.7125	1.0000	$30,802,969.15	$786,030.94
1997	23.50	$5,362,926.29	55.00	38.52	0.7004	1.0000	$3,756,212.30	$97,507.75
1996	24.50	$3,114,618.22	55.00	37.86	0.6884	1.0000	$2,143,959.08	$56,629.42
1995	25.50	$23,368,392.67	55.00	37.20	0.6764	1.0000	$15,806,355.32	$424,879.87
1994	26.50	$3,045,571.17	55.00	36.55	0.6645	1.0000	$2,023,785.47	$55,374.02
1993	27.50	$6,980,549.37	55.00	35.90	0.6527	1.0000	$4,556,015.75	$126,919.08
1992	28.50	$4,055,727.37	55.00	35.25	0.6409	1.0000	$2,599,427.63	$73,740.50
1991	29.50	$2,496,981.54	55.00	34.61	0.6293	1.0000	$1,571,257.02	$45,399.66
1990	30.50	$1,722,108.02	55.00	33.97	0.6177	1.0000	$1,063,763.66	$31,311.05
1989	31.50	$425,912.09	55.00	33.34	0.6062	1.0000	$258,200.46	$7,743.86

Generation Arrangement Report

PECO Common 390 Composite 2021

Account: PECO Common 390 Composite
Dispersion: 55.00 - R1

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1988	32.50	$1,647,739.59	55.00	32.72	0.5948	1.0000	$980,138.76	$29,958.90
1987	33.50	$1,844,023.23	55.00	32.10	0.5835	1.0000	$1,076,073.55	$33,527.70
1986	34.50	$993,559.15	55.00	31.48	0.5724	1.0000	$568,665.18	$18,064.71
1985	35.50	$583,726.08	55.00	30.87	0.5612	1.0000	$327,615.94	$10,613.20
1984	36.50	$1,757,096.23	55.00	30.27	0.5503	1.0000	$966,902.16	$31,947.20
1983	37.50	$1,222,569.45	55.00	29.67	0.5394	1.0000	$659,461.18	$22,228.54
1982	38.50	$293,436.25	55.00	29.07	0.5286	1.0000	$155,119.67	$5,335.20
1981	39.50	$1,009,917.11	55.00	28.49	0.5180	1.0000	$523,095.43	$18,362.13
1980	40.50	$376,702.41	55.00	27.91	0.5074	1.0000	$191,139.80	$6,849.13
1979	41.50	$77,980.11	55.00	27.33	0.4970	1.0000	$38,754.61	$1,417.82
1978	42.50	$358,408.13	55.00	26.77	0.4867	1.0000	$174,420.48	$6,516.51
1977	43.50	$146,589.76	55.00	26.20	0.4764	1.0000	$69,840.58	$2,665.27
1976	44.50	$91,976.05	55.00	25.65	0.4663	1.0000	$42,891.98	$1,672.29
1975	45.50	$74,766.72	55.00	25.10	0.4563	1.0000	$34,119.42	$1,359.39
1974	46.50	$74,462.49	55.00	24.56	0.4465	1.0000	$33,245.54	$1,353.86
1973	47.50	$9,578.53	55.00	24.02	0.4367	1.0000	$4,183.35	$174.16
1972	48.50	$25,532,903.66	55.00	23.49	0.4271	1.0000	$10,905,323.34	$464,234.61
1971	49.50	$13,150.86	55.00	22.97	0.4176	1.0000	$5,491.63	$239.11
1970	50.50	$4,100,300.36	55.00	22.45	0.4082	1.0000	$1,673,637.61	$74,550.92
1969	51.50	$23,966.84	55.00	21.94	0.3989	1.0000	$9,560.00	$435.76
1968	52.50	$3,141,882.22	55.00	21.43	0.3897	1.0000	$1,224,457.82	$57,125.13
1967	53.50	$588,794.05	55.00	20.94	0.3807	1.0000	$224,128.84	$10,705.35
1966	54.50	$8,710.80	55.00	20.44	0.3717	1.0000	$3,237.90	$158.38
1965	55.50	$230,964.86	55.00	19.96	0.3629	1.0000	$83,810.04	$4,199.36
1964	56.50	$448.18	55.00	19.48	0.3541	1.0000	$158.72	$8.15
1963	57.50	$102,934.00	55.00	19.00	0.3455	1.0000	$35,566.33	$1,871.53
1962	58.50	$13,782.07	55.00	18.54	0.3370	1.0000	$4,644.99	$250.58
1961	59.50	$798,747.44	55.00	18.07	0.3286	1.0000	$262,497.10	$14,522.68
1960	60.50	$42,053.63	55.00	17.62	0.3203	1.0000	$13,471.57	$764.61
1959	61.50	$506,068.46	55.00	17.17	0.3122	1.0000	$157,975.73	$9,201.24
1958	62.50	$114,683.49	55.00	16.72	0.3041	1.0000	$34,872.60	$2,085.15
1957	63.50	$45,395.83	55.00	16.29	0.2961	1.0000	$13,442.17	$825.38

Generation Arrangement Report

PECO Common 390 Composite 2021

Account: PECO Common 390 Composite
Dispersion: 55.00 - R1

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1956	64.50	$1,379,385.77	55.00	15.85	0.2882	1.0000	$397,588.68	$25,079.74
1955	65.50	$35,386.50	55.00	15.43	0.2805	1.0000	$9,924.79	$643.39
1954	66.50	$1,992.49	55.00	15.00	0.2728	1.0000	$543.54	$36.23
1953	67.50	$74,638.76	55.00	14.59	0.2652	1.0000	$19,795.67	$1,357.07
1952	68.50	$63,925.13	55.00	14.18	0.2578	1.0000	$16,476.81	$1,162.28
1951	69.50	$16,504.21	55.00	13.77	0.2504	1.0000	$4,132.05	$300.08
1950	70.50	$3,326.06	55.00	13.37	0.2431	1.0000	$808.50	$60.47
1949	71.50	$56,408.83	55.00	12.97	0.2359	1.0000	$13,306.16	$1,025.62
1948	72.50	$238.29	55.00	12.58	0.2288	1.0000	$54.52	$4.33
1947	73.50	$293.41	55.00	12.20	0.2218	1.0000	$65.07	$5.33
1946	74.50	$1,117.60	55.00	11.82	0.2149	1.0000	$240.13	$20.32
1944	76.50	$448,912.54	55.00	11.07	0.2013	1.0000	$90,360.38	$8,162.05
1942	78.50	$3,975.39	55.00	10.34	0.1881	1.0000	$747.64	$72.28
1941	79.50	$1,241.54	55.00	9.99	0.1816	1.0000	$225.46	$22.57
1938	82.50	$8,310.34	55.00	8.94	0.1626	1.0000	$1,351.24	$151.10
1937	83.50	$121.50	55.00	8.60	0.1564	1.0000	$19.01	$2.21
1933	87.50	$25.47	55.00	7.29	0.1326	1.0000	$3.38	$0.46
1931	89.50	$403.82	55.00	6.66	0.1211	1.0000	$48.90	$7.34
1930	90.50	$122.02	55.00	6.35	0.1155	1.0000	$14.09	$2.22
1927	93.50	$13,978.16	55.00	5.44	0.0989	1.0000	$1,382.28	$254.15
1925	95.50	$5,647.17	55.00	4.85	0.0882	1.0000	$498.12	$102.68
1924	96.50	$5,907.45	55.00	4.55	0.0827	1.0000	$488.80	$107.41
1922	98.50	$232.91	55.00	3.96	0.0720	1.0000	$16.78	$4.23
1914	106.50	$1,588.23	55.00	1.45	0.0263	1.0000	$41.77	$28.88
1892	128.50	$520.35	55.00	0.00	0.0000	0.0000	$0.00	$0.00
		$310,644,235.69	55.00	41.71	0.7583	1.0000	$235,569,606.57	$5,648,067.55

Remaining Life Depreciation Accrual

Account: PECO Common 390 Composite
Scenario: PECO Common 390 Composite 2021
Dispersion: 55.00 - R1

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$310,644,235.69	41.71	$5,541,780.77	1.783964%	2.397622%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,859,576.91)	0.50	($25,996.15)	0.909091%	
Total:	$310,644,235.69 *		$5,515,784.62	1.775595%	2.386374%
Average:	$309,214,447.24		$5,515,784.62	1.783806%	2.401228%
Grand Total:	$310,644,235.69 *		$5,515,784.62	1.775595%	2.386374%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3911 PA
Dispersion: 10.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2019	1.50	$100,572.80	10.00	8.50	0.8500	1.0000	$85,486.88	$10,057.28
2013	7.50	$4,856.00	10.00	2.50	0.2500	1.0000	$1,214.00	$485.60
2012	8.50	$23,764.11	10.00	1.50	0.1500	1.0000	$3,564.62	$2,376.41
		$129,192.91	10.00	6.99	0.6987	1.0000	$90,265.50	$12,919.29

Remaining Life Depreciation Accrual

Account: PECO Common 3911 PA
Scenario: PECO Common Groups 2021
Dispersion: 10.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$129,192.91	6.99	$17,234.31	13.339984%	14.312546%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$129,192.91 *		$17,234.31	13.339984%	14.312546%
Average:	$129,192.91		$17,234.31	13.339984%	14.312546%
Grand Total:	$129,192.91 *		$17,234.31	13.339984%	14.312546%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3912 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$2,241,285.38	15.00	14.50	0.9667	1.0000	$2,166,575.87	$149,419.03
2019	1.50	$5,327,999.83	15.00	13.50	0.9000	1.0000	$4,795,199.85	$355,199.99
2018	2.50	$1,835,238.77	15.00	12.50	0.8333	1.0000	$1,529,365.64	$122,349.25
2017	3.50	$6,376,992.42	15.00	11.50	0.7667	1.0000	$4,889,027.52	$425,132.83
2016	4.50	$2,471,622.59	15.00	10.50	0.7000	1.0000	$1,730,135.81	$164,774.84
2015	5.50	$765,681.81	15.00	9.50	0.6333	1.0000	$484,931.81	$51,045.45
2014	6.50	$269,581.12	15.00	8.50	0.5667	1.0000	$152,762.63	$17,972.07
2013	7.50	$551,666.18	15.00	7.50	0.5000	1.0000	$275,833.09	$36,777.75
2012	8.50	$264,226.94	15.00	6.50	0.4333	1.0000	$114,498.34	$17,615.13
2011	9.50	$486,527.93	15.00	5.50	0.3667	1.0000	$178,393.57	$32,435.20
2010	10.50	$953,124.79	15.00	4.50	0.3000	1.0000	$285,937.44	$63,541.65
2009	11.50	$68,987.13	15.00	3.50	0.2333	1.0000	$16,097.00	$4,599.14
2008	12.50	$863,609.06	15.00	2.50	0.1667	1.0000	$143,934.84	$57,573.94
2007	13.50	$25,407.89	15.00	1.50	0.1000	1.0000	$2,540.79	$1,693.86
2006	14.50	$573,068.01	15.00	0.50	0.0333	1.0000	$19,102.27	$38,204.53
		$23,075,019.85	15.00	10.91	0.7274	1.0000	$16,784,336.48	$1,538,334.66

Remaining Life Depreciation Accrual

Account: PECO Common 3912 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$23,075,019.85	10.91	$1,812,243.69	7.853704%	9.165299%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($573,068.01)	0.50	($19,102.27)	3.333334%	
Total:	$23,075,019.85 *		$1,793,141.42	7.770920%	9.068690%
Average:	$22,788,485.85		$1,793,141.42	7.868629%	9.202040%
Grand Total:	$23,075,019.85 *		$1,793,141.42	7.770920%	9.068690%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common 391.3 Composite 2021

Account: PECO Common 3913 Composite
Dispersion: 5.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$7,660,651.64	5.00	4.50	0.9000	1.0000	$6,894,586.48	$1,532,130.33
2019	1.50	$8,646,094.27	5.00	3.50	0.7000	1.0000	$6,052,265.99	$1,729,218.85
2018	2.50	$5,861,363.14	5.00	2.50	0.5000	1.0000	$2,930,681.57	$1,172,272.63
2017	3.50	$7,707,061.32	5.00	1.50	0.3000	1.0000	$2,312,118.40	$1,541,412.26
2016	4.50	$9,396,115.90	5.00	0.50	0.1000	1.0000	$939,611.59	$1,879,223.18
2012	8.50	($2,682.00)	5.00	0.00	0.0000	0.0000	$0.00	$0.00
		$39,268,604.27	5.00	2.44	0.4871	1.0000	$19,129,264.02	$7,854,257.25

Remaining Life Depreciation Accrual

Account: PECO Common 3913 Composite
Scenario: PECO Common 391.3 Composite 2021
Dispersion: 5.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$39,268,604.27	2.44	$8,070,899.73	20.553060%	41.058859%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($9,396,115.90)	0.50	($939,611.59)	10.000000%	
Total:	$39,268,604.27 *		$7,131,288.14	18.160279%	36.278799%
Average:	$34,570,546.32		$7,131,288.14	20.628219%	47.672721%
Grand Total:	$39,268,604.27 *		$7,131,288.14	18.160279%	36.278799%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3921 PA
Dispersion: 6.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2017	3.50	$2,306.80	6.00	2.78	0.4632	1.0000	$1,068.42	$384.47
2015	5.50	$752.09	6.00	1.93	0.3213	1.0000	$241.64	$125.35
2002	18.50	$90,582.44	6.00	0.00	0.0000	0.0000	$0.00	$0.00
		$93,641.33	6.00	2.57	0.0140	1.0000	$1,310.06	$509.82

Remaining Life Depreciation Accrual

Account: PECO Common 3921 PA
Scenario: PECO Common Groups 2021
Dispersion: 6.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$93,641.33	2.57	$174.43	0.186271%	38.915488%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($648.00)	0.50	($54.00)	8.333333%	
Total:	$93,641.33 *		$120.43	0.128605%	26.867832%
Average:	$93,317.33		$120.43	0.129051%	96.946545%
Grand Total:	$93,641.33 *		$120.43	0.128605%	26.867832%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3922 PA
Dispersion: 12.00 - S4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$4,437,244.91	12.00	11.50	0.9583	1.0000	$4,252,359.69	$369,770.41
2019	1.50	$4,314,339.78	12.00	10.50	0.8750	1.0000	$3,775,047.30	$359,528.32
2018	2.50	$2,383,578.77	12.00	9.50	0.7917	1.0000	$1,886,999.85	$198,631.56
2017	3.50	$3,397,928.07	12.00	8.50	0.7083	1.0000	$2,406,865.71	$283,160.67
2016	4.50	$5,548,764.84	12.00	7.50	0.6250	1.0000	$3,468,070.49	$462,397.07
2015	5.50	$4,278,140.61	12.00	6.50	0.5419	1.0000	$2,318,233.80	$356,511.72
2014	6.50	$4,332,776.39	12.00	5.52	0.4598	1.0000	$1,992,274.24	$361,064.70
2013	7.50	$3,185,295.62	12.00	4.57	0.3811	1.0000	$1,213,918.53	$265,441.30
2012	8.50	$793,430.84	12.00	3.71	0.3095	1.0000	$245,528.88	$66,119.24
2011	9.50	$1,228,505.62	12.00	2.98	0.2480	1.0000	$304,663.70	$102,375.47
2010	10.50	$3,761,667.88	12.00	2.37	0.1979	1.0000	$744,283.53	$313,472.32
2009	11.50	($51,027.49)	12.00	1.90	0.1586	1.0000	($8,090.66)	($4,252.29)
2008	12.50	($84,042.38)	12.00	1.54	0.1281	1.0000	($10,766.68)	($7,003.53)
2007	13.50	($5,936.57)	12.00	1.26	0.1047	1.0000	($621.84)	($494.71)
2006	14.50	($17,794.82)	12.00	1.04	0.0865	1.0000	($1,539.29)	($1,482.90)
2005	15.50	($5,237.68)	12.00	0.87	0.0721	1.0000	($377.56)	($436.47)
2002	18.50	$168,409.14	12.00	0.54	0.0451	1.0000	$7,590.95	$14,034.10
		$37,666,043.53	12.00	7.20	0.5999	1.0000	$22,594,440.65	$3,138,836.96

Remaining Life Depreciation Accrual

Account: PECO Common 3922 PA
Scenario: PECO Common Groups 2021
Dispersion: 12.00 - S4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$37,666,043.53	7.20	$2,815,832.90	7.475786%	13.892076%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($1,314,415.32)	0.50	($54,767.30)	4.166666%	
Total:	$37,666,043.53 *		$2,761,065.60	7.330384%	13.621879%
Average:	$37,008,835.87		$2,761,065.60	7.460558%	14.078351%
Grand Total:	$37,666,043.53 *		$2,761,065.60	7.330384%	13.621879%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3923 PA
Dispersion: 14.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$9,868,263.41	14.00	13.50	0.9643	1.0000	$9,516,130.24	$704,875.96
2019	1.50	$13,483,377.98	14.00	12.50	0.8930	1.0000	$12,041,114.68	$963,098.43
2018	2.50	$4,552,920.78	14.00	11.51	0.8219	1.0000	$3,742,260.99	$325,208.63
2017	3.50	$7,617,326.79	14.00	10.52	0.7512	1.0000	$5,722,421.80	$544,094.77
2016	4.50	$9,193,523.00	14.00	9.54	0.6812	1.0000	$6,262,616.63	$656,680.21
2015	5.50	$3,476,528.53	14.00	8.57	0.6123	1.0000	$2,128,508.66	$248,323.47
2014	6.50	$10,424,413.99	14.00	7.63	0.5449	1.0000	$5,680,717.66	$744,601.00
2013	7.50	$7,492,009.97	14.00	6.72	0.4799	1.0000	$3,595,209.15	$535,143.57
2012	8.50	$4,508,398.95	14.00	5.85	0.4178	1.0000	$1,883,417.96	$322,028.50
2011	9.50	$3,975,236.97	14.00	5.03	0.3591	1.0000	$1,427,598.93	$283,945.50
2010	10.50	$7,470,126.00	14.00	4.26	0.3043	1.0000	$2,273,254.17	$533,580.43
2009	11.50	$3,157,176.58	14.00	3.55	0.2533	1.0000	$799,790.14	$225,512.61
2008	12.50	$7,830,601.57	14.00	2.89	0.2062	1.0000	$1,614,309.05	$559,328.68
2007	13.50	$807,679.65	14.00	2.31	0.1652	1.0000	$133,463.06	$57,691.40
2006	14.50	($211.56)	14.00	1.86	0.1326	1.0000	($28.05)	($15.11)
2004	16.50	($176,825.88)	14.00	1.21	0.0864	1.0000	($15,273.88)	($12,630.42)
1997	23.50	$202,652.05	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1996	24.50	$124,808.32	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1994	26.50	$141,407.95	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1992	28.50	($345,713.56)	14.00	0.00	0.0000	0.0000	$0.00	$0.00
		$93,803,701.49	14.00	8.49	0.6056	1.0000	$56,805,511.20	$6,691,467.62

Remaining Life Depreciation Accrual

Account: PECO Common 3923 PA
Scenario: PECO Common Groups 2021
Dispersion: 14.00 - R4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$93,803,701.49	8.49	$6,396,995.41	6.819555%	11.779611%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,838,164.57)	0.50	($101,363.02)	3.571429%	
Total:	$93,803,701.49 *		$6,295,632.39	6.711497%	11.592958%
Average:	$92,384,619.21		$6,295,632.39	6.814589%	11.904027%
Grand Total:	$93,803,701.49 *		$6,295,632.39	6.711497%	11.592958%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3924 PA
Dispersion: 11.00 - L2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2009	11.50	$57,897.77	11.00	4.18	0.3797	1.0000	$21,981.54	$5,263.43
2002	18.50	$44,306.19	11.00	2.48	0.2251	1.0000	$9,972.12	$4,027.84
1995	25.50	$177,146.57	11.00	1.10	0.1001	1.0000	$17,738.30	$16,104.23
		$279,350.53	11.00	1.96	0.1779	1.0000	$49,691.96	$25,395.50

Remaining Life Depreciation Accrual

Account: PECO Common 3924 PA
Scenario: PECO Common Groups 2021
Dispersion: 11.00 - L2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$279,350.53	1.96	($453.37)	-0.162293%	51.105854%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($125,241.83)	0.50	($5,692.81)	4.545454%	
Total:	$279,350.53 *		($6,146.18)	-2.200166%	692.831232%
Average:	$216,729.62		($6,146.18)	-2.835872%	9.677793%
Grand Total:	$279,350.53 *		($6,146.18)	-2.200166%	692.831232%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3925 PA
Dispersion: 14.00 - L1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$260,082.12	14.00	13.52	0.9655	1.0000	$251,101.46	$18,577.29
2019	1.50	$32,124.54	14.00	12.58	0.8984	1.0000	$28,862.18	$2,294.61
2018	2.50	$373,028.56	14.00	11.69	0.8351	1.0000	$311,512.73	$26,644.90
2017	3.50	$666,229.90	14.00	10.87	0.7761	1.0000	$517,078.29	$47,587.85
2016	4.50	$850,547.86	14.00	10.10	0.7217	1.0000	$613,875.94	$60,753.42
2015	5.50	$445,680.25	14.00	9.41	0.6720	1.0000	$299,496.50	$31,834.30
2014	6.50	$303,236.60	14.00	8.79	0.6278	1.0000	$190,359.29	$21,659.76
2013	7.50	$70,130.41	14.00	8.25	0.5894	1.0000	$41,336.87	$5,009.32
2012	8.50	$98,806.05	14.00	7.79	0.5566	1.0000	$54,992.17	$7,057.58
2011	9.50	$45,336.50	14.00	7.39	0.5280	1.0000	$23,937.35	$3,238.32
2010	10.50	$308,073.67	14.00	7.04	0.5028	1.0000	$154,909.39	$22,005.26
2009	11.50	$7,165.37	14.00	6.72	0.4802	1.0000	$3,441.00	$511.81
2008	12.50	($265,209.35)	14.00	6.43	0.4594	1.0000	($121,831.47)	($18,943.52)
2007	13.50	$628,518.67	14.00	6.15	0.4396	1.0000	$276,308.47	$44,894.19
2006	14.50	$50,554.48	14.00	5.89	0.4205	1.0000	$21,258.48	$3,611.03
2005	15.50	$23,623.28	14.00	5.62	0.4017	1.0000	$9,488.37	$1,687.38
2004	16.50	$9,379.42	14.00	5.36	0.3830	1.0000	$3,592.01	$669.96
2003	17.50	$23,049.70	14.00	5.10	0.3644	1.0000	$8,400.30	$1,646.41
2002	18.50	$174,201.67	14.00	4.85	0.3461	1.0000	$60,299.44	$12,442.98
2001	19.50	$3,706.93	14.00	4.59	0.3282	1.0000	$1,216.58	$264.78
2000	20.50	$67,159.32	14.00	4.35	0.3107	1.0000	$20,864.35	$4,797.09
1997	23.50	$232,446.39	14.00	3.66	0.2614	1.0000	$60,765.10	$16,603.31
1996	24.50	$209,721.43	14.00	3.45	0.2461	1.0000	$51,620.86	$14,980.10
1995	25.50	$71,710.56	14.00	3.24	0.2314	1.0000	$16,595.67	$5,122.18
1994	26.50	($36,535.68)	14.00	3.04	0.2173	1.0000	($7,937.85)	($2,609.69)
1988	32.50	$9,324.38	14.00	2.01	0.1433	1.0000	$1,336.19	$666.03
1978	42.50	$14,407.27	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1976	44.50	$1,544.50	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1975	45.50	$25,351.71	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1974	46.50	$814.23	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1973	47.50	$67,709.54	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1972	48.50	$4,524.32	14.00	0.00	0.0000	0.0000	$0.00	$0.00

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3925 PA
Dispersion: 14.00 - L1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
1971	49.50	$6,644.50	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1970	50.50	$27,731.60	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1969	51.50	$11,345.85	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1968	52.50	$54,611.08	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1967	53.50	$23,398.38	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1966	54.50	$3,152.61	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1963	57.50	$1,026.82	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1962	58.50	$972.68	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1961	59.50	$3,539.00	14.00	0.00	0.0000	0.0000	$0.00	$0.00
1960	60.50	$5,673.50	14.00	0.00	0.0000	0.0000	$0.00	$0.00
		$4,914,540.62	14.00	8.69	0.5886	1.0000	$2,892,879.70	$333,006.65

Remaining Life Depreciation Accrual

Account: PECO Common 3925 PA
Scenario: PECO Common Groups 2021
Dispersion: 14.00 - L1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$4,914,540.62	8.69	$260,941.77	5.309586%	11.511251%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($324,098.39)	0.50	($11,574.94)	3.571428%	
Total:	$4,914,540.62 *		$249,366.83	5.074062%	11.000631%
Average:	$4,752,491.43		$249,366.83	5.247076%	11.847577%
Grand Total:	$4,914,540.62 *		$249,366.83	5.074062%	11.000631%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3926 PA
Dispersion: 15.00 - L2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$1,217,735.65	15.00	14.50	0.9667	1.0000	$1,177,196.36	$81,182.38
2019	1.50	$10,000.00	15.00	13.52	0.9010	1.0000	$9,010.30	$666.67
2018	2.50	$118,132.30	15.00	12.56	0.8375	1.0000	$98,938.08	$7,875.49
2016	4.50	$125,532.09	15.00	10.79	0.7191	1.0000	$90,273.61	$8,368.81
2015	5.50	$200,945.00	15.00	9.97	0.6644	1.0000	$133,500.57	$13,396.33
2014	6.50	$322,483.80	15.00	9.21	0.6140	1.0000	$198,001.66	$21,498.92
2012	8.50	$248,450.64	15.00	7.98	0.5318	1.0000	$132,121.38	$16,563.38
2011	9.50	$5,537.55	15.00	7.50	0.5002	1.0000	$2,769.67	$369.17
2010	10.50	$280,071.99	15.00	7.11	0.4737	1.0000	$132,663.75	$18,671.47
2009	11.50	$231,325.16	15.00	6.77	0.4513	1.0000	$104,387.51	$15,421.68
2008	12.50	$149,463.48	15.00	6.48	0.4318	1.0000	$64,538.71	$9,964.23
2007	13.50	$365,024.87	15.00	6.21	0.4143	1.0000	$151,225.92	$24,334.99
2006	14.50	$906,063.59	15.00	5.97	0.3979	1.0000	$360,516.98	$60,404.24
2005	15.50	$310,885.69	15.00	5.73	0.3819	1.0000	$118,721.93	$20,725.71
2003	17.50	$302,059.24	15.00	5.25	0.3497	1.0000	$105,642.18	$20,137.28
2002	18.50	$1,174,696.10	15.00	5.00	0.3332	1.0000	$391,417.00	$78,313.07
1996	24.50	$28,685.34	15.00	3.53	0.2350	1.0000	$6,741.87	$1,912.36
1995	25.50	$70,184.76	15.00	3.30	0.2199	1.0000	$15,432.33	$4,678.98
1994	26.50	$74,146.19	15.00	3.08	0.2052	1.0000	$15,215.95	$4,943.08
1993	27.50	$27,544.80	15.00	2.86	0.1909	1.0000	$5,257.13	$1,836.32
1992	28.50	$6,119.39	15.00	2.65	0.1770	1.0000	$1,083.01	$407.96
1983	37.50	$2,890.72	15.00	0.99	0.0660	1.0000	$190.81	$192.71
1974	46.50	$3,888.93	15.00	0.00	0.0000	0.0000	$0.00	$0.00
1973	47.50	$3,536.26	15.00	0.00	0.0000	0.0000	$0.00	$0.00
1972	48.50	$17,323.55	15.00	0.00	0.0000	0.0000	$0.00	$0.00
1965	55.50	$84,406.50	15.00	0.00	0.0000	0.0000	$0.00	$0.00
1962	58.50	$57.56	15.00	0.00	0.0000	0.0000	$0.00	$0.00
1946	74.50	$920.22	15.00	0.00	0.0000	0.0000	$0.00	$0.00
		$6,288,111.37	15.00	8.05	0.5272	1.0000	$3,314,846.70	$411,865.22

Remaining Life Depreciation Accrual

Account: PECO Common 3926 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - L2

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$6,288,111.37	8.05	$259,897.93	4.133164%	12.424865%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($554,056.24)	0.50	($18,468.54)	3.333333%	
Total:	$6,288,111.37 *		$241,429.39	3.839458%	11.541945%
Average:	$6,011,083.25		$241,429.39	4.016404%	13.303886%
Grand Total:	$6,288,111.37 *		$241,429.39	3.839458%	11.541945%

* Excluding 2021 Retirements

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3927 PA
Dispersion: 8.00 - L4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$2,382,186.75	8.00	7.50	0.9375	1.0000	$2,233,300.05	$297,773.34
2019	1.50	$10,476,557.91	8.00	6.50	0.8125	1.0000	$8,512,203.17	$1,309,569.74
2018	2.50	$4,451,531.94	8.00	5.50	0.6876	1.0000	$3,060,770.40	$556,441.49
2017	3.50	$1,995,253.94	8.00	4.52	0.5650	1.0000	$1,127,335.82	$249,406.74
		$19,305,530.54	8.00	6.19	0.7735	1.0000	$14,933,609.44	$2,413,191.32

Remaining Life Depreciation Accrual

Account: PECO Common 3927 PA
Scenario: PECO Common Groups 2021
Dispersion: 8.00 - L4

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$19,305,530.54	6.19	$2,392,143.27	12.390974%	16.159464%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($59,922.20)	0.50	($3,745.14)	6.250004%	
Total:	$19,305,530.54 *		$2,388,398.13	12.371575%	16.134165%
Average:	$19,275,569.44		$2,388,398.13	12.390805%	16.166886%
Grand Total:	$19,305,530.54 *		$2,388,398.13	12.371575%	16.134165%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3930 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$273,321.33	15.00	14.50	0.9667	1.0000	$264,210.62	$18,221.42
2019	1.50	$196,774.10	15.00	13.50	0.9000	1.0000	$177,096.69	$13,118.27
2018	2.50	$463,423.36	15.00	12.50	0.8333	1.0000	$386,186.13	$30,894.89
2017	3.50	$785.81	15.00	11.50	0.7667	1.0000	$602.45	$52.39
2016	4.50	$115,923.80	15.00	10.50	0.7000	1.0000	$81,146.66	$7,728.25
2015	5.50	$770.40	15.00	9.50	0.6333	1.0000	$487.92	$51.36
2014	6.50	$770.40	15.00	8.50	0.5667	1.0000	$436.56	$51.36
2013	7.50	$46,416.68	15.00	7.50	0.5000	1.0000	$23,208.34	$3,094.45
2011	9.50	$5,183.04	15.00	5.50	0.3667	1.0000	$1,900.45	$345.54
2010	10.50	$60,242.00	15.00	4.50	0.3000	1.0000	$18,072.60	$4,016.13
2009	11.50	$54,743.00	15.00	3.50	0.2333	1.0000	$12,773.37	$3,649.53
2008	12.50	$83,816.00	15.00	2.50	0.1667	1.0000	$13,969.33	$5,587.73
2007	13.50	$270,798.56	15.00	1.50	0.1000	1.0000	$27,079.86	$18,053.24
2006	14.50	$134,383.00	15.00	0.50	0.0333	1.0000	$4,479.43	$8,958.87
		$1,707,351.48	15.00	8.89	0.5925	1.0000	$1,011,650.41	$113,823.43

Remaining Life Depreciation Accrual

Account: PECO Common 3930 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,707,351.48	8.89	$133,854.19	7.839873%	11.251262%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($134,383.00)	0.50	($4,479.43)	3.333331%	
Total:	$1,707,351.48 *		$129,374.76	7.577512%	10.874738%
Average:	$1,640,159.98		$129,374.76	7.887935%	11.525693%
Grand Total:	$1,707,351.48 *		$129,374.76	7.577512%	10.874738%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3941 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2007	13.50	$11,617.00	15.00	1.50	0.1000	1.0000	$1,161.70	$774.47
		$11,617.00	15.00	1.50	0.1000	1.0000	$1,161.70	$774.47

Remaining Life Depreciation Accrual

Account: PECO Common 3941 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$11,617.00	1.50	$14,460.91	124.480617%	66.666667%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$11,617.00 *		$14,460.91	124.480617%	66.666667%
Average:	$11,617.00		$14,460.91	124.480617%	66.666667%
Grand Total:	$11,617.00 *		$14,460.91	124.480617%	66.666667%

* Excluding 2021 Retirements

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3942 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2018	2.50	$952,765.21	15.00	12.50	0.8333	1.0000	$793,971.01	$63,517.68
2016	4.50	$2,088.50	15.00	10.50	0.7000	1.0000	$1,461.95	$139.23
2014	6.50	$55,267.65	15.00	8.50	0.5667	1.0000	$31,318.34	$3,684.51
2006	14.50	$10,804.91	15.00	0.50	0.0333	1.0000	$360.16	$720.33
		$1,020,926.27	15.00	12.15	0.8102	1.0000	$827,111.46	$68,061.75

Remaining Life Depreciation Accrual

Account: PECO Common 3942 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,020,926.27	12.15	$69,329.41	6.790834%	8.228849%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($10,804.91)	0.50	($360.16)	3.333299%	
Total:	$1,020,926.27 *		$68,969.25	6.755556%	8.186101%
Average:	$1,015,523.82		$68,969.25	6.791495%	8.238931%
Grand Total:	$1,020,926.27 *		$68,969.25	6.755556%	8.186101%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3943 PA
Dispersion: 20.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$135,337.65	20.00	19.50	0.9750	1.0000	$131,954.21	$6,766.88
2019	1.50	$15,709.23	20.00	18.50	0.9250	1.0000	$14,531.04	$785.46
2018	2.50	$102,889.01	20.00	17.50	0.8750	1.0000	$90,027.88	$5,144.45
2017	3.50	$171,250.58	20.00	16.50	0.8250	1.0000	$141,281.73	$8,562.53
2016	4.50	$424,469.01	20.00	15.50	0.7750	1.0000	$328,963.48	$21,223.45
2015	5.50	$83,948.79	20.00	14.50	0.7250	1.0000	$60,862.87	$4,197.44
2014	6.50	$126,931.56	20.00	13.50	0.6750	1.0000	$85,678.80	$6,346.58
2013	7.50	$60,134.71	20.00	12.50	0.6250	1.0000	$37,584.19	$3,006.74
2012	8.50	$22,052.17	20.00	11.50	0.5750	1.0000	$12,680.00	$1,102.61
2011	9.50	$50,175.40	20.00	10.50	0.5250	1.0000	$26,342.09	$2,508.77
2010	10.50	$73,469.80	20.00	9.50	0.4750	1.0000	$34,898.16	$3,673.49
2008	12.50	$12,963.09	20.00	7.50	0.3750	1.0000	$4,861.16	$648.15
2007	13.50	$21,453.01	20.00	6.50	0.3250	1.0000	$6,972.23	$1,072.65
2006	14.50	$3,478.87	20.00	5.50	0.2750	1.0000	$956.69	$173.94
2004	16.50	$54,167.87	20.00	3.50	0.1750	1.0000	$9,479.38	$2,708.39
2003	17.50	$286,764.74	20.00	2.50	0.1250	1.0000	$35,845.59	$14,338.24
2002	18.50	$223,879.62	20.00	1.50	0.0750	1.0000	$16,790.97	$11,193.98
2001	19.50	$94,843.94	20.00	0.50	0.0250	1.0000	$2,371.10	$4,742.20
		$1,963,919.05	20.00	10.61	0.5306	1.0000	$1,042,081.56	$98,195.95

Remaining Life Depreciation Accrual

Account: PECO Common 3943 PA
Scenario: PECO Common Groups 2021
Dispersion: 20.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,963,919.05	10.61	$100,261.03	5.105151%	9.423058%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($94,843.94)	0.50	($2,371.10)	2.500002%	
Total:	$1,963,919.05 *		$97,889.93	4.984418%	9.200210%
Average:	$1,916,497.08		$97,889.93	5.107752%	9.629388%
Grand Total:	$1,963,919.05 *		$97,889.93	4.984418%	9.200210%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3961 PA
Dispersion: 12.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2002	18.50	$93,979.86	12.00	1.60	0.1333	1.0000	$12,531.87	$7,831.66
1998	22.50	$35,800.78	12.00	0.62	0.0516	1.0000	$1,848.41	$2,983.40
1986	34.50	$5,472.23	12.00	0.00	0.0000	0.0000	$0.00	$0.00
1981	39.50	$6,017.00	12.00	0.00	0.0000	0.0000	$0.00	$0.00
1980	40.50	$3,955.00	12.00	0.00	0.0000	0.0000	$0.00	$0.00
1977	43.50	$11,826.57	12.00	0.00	0.0000	0.0000	$0.00	$0.00
1973	47.50	$28,014.86	12.00	0.00	0.0000	0.0000	$0.00	$0.00
		$185,066.30	12.00	1.33	0.0777	1.0000	$14,380.27	$10,815.05

Remaining Life Depreciation Accrual

Account: PECO Common 3961 PA
Scenario: PECO Common Groups 2021
Dispersion: 12.00 - R1.5

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$185,066.30	1.33	$1,115.67	0.602847%	75.207592%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($68,463.10)	0.50	($2,852.63)	4.166668%	
Total:	$185,066.30 *		($1,736.96)	-0.938563%	-117.089419%
Average:	$150,834.75		($1,736.96)	-1.151567%	5.304011%
Grand Total:	$185,066.30 *		($1,736.96)	-0.938563%	-117.089419%

*** Excluding 2021 Retirements**

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3970 PA
Dispersion: 20.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2020	0.50	$30,071,737.79	20.00	19.50	0.9750	1.0000	$29,319,944.35	$1,503,586.89
2019	1.50	$17,846,365.63	20.00	18.50	0.9250	1.0000	$16,507,888.21	$892,318.28
2018	2.50	$18,280,188.44	20.00	17.50	0.8750	1.0000	$15,995,658.46	$914,009.42
2017	3.50	$221,177.09	20.00	16.51	0.8253	1.0000	$182,539.14	$11,058.85
2016	4.50	$466,259.31	20.00	15.52	0.7762	1.0000	$361,899.85	$23,312.97
2015	5.50	$1,894,311.68	20.00	14.56	0.7279	1.0000	$1,378,883.92	$94,715.58
2014	6.50	$1,089,078.66	20.00	13.61	0.6807	1.0000	$741,345.85	$54,453.93
2013	7.50	$34,962.40	20.00	12.69	0.6347	1.0000	$22,191.15	$1,748.12
2012	8.50	$745,044.85	20.00	11.80	0.5900	1.0000	$439,606.49	$37,252.24
2009	11.50	$69,265.89	20.00	9.36	0.4679	1.0000	$32,409.64	$3,463.29
2008	12.50	$1,390,893.17	20.00	8.67	0.4333	1.0000	$602,627.64	$69,544.66
2007	13.50	$6,682,064.26	20.00	8.06	0.4029	1.0000	$2,692,532.39	$334,103.21
2006	14.50	$7,909,519.60	20.00	7.54	0.3772	1.0000	$2,983,255.36	$395,475.98
2005	15.50	$50,000.00	20.00	7.12	0.3559	1.0000	$17,795.03	$2,500.00
2003	17.50	$644,013.54	20.00	6.50	0.3251	1.0000	$209,385.83	$32,200.68
2002	18.50	$50,892.16	20.00	6.28	0.3142	1.0000	$15,989.91	$2,544.61
2001	19.50	$122,375.76	20.00	6.10	0.3050	1.0000	$37,326.47	$6,118.79
1999	21.50	$1,031,170.51	20.00	5.77	0.2883	1.0000	$297,242.67	$51,558.53
1998	22.50	$7,398,704.24	20.00	5.58	0.2792	1.0000	$2,065,949.82	$369,935.21
1997	23.50	$2,232,651.92	20.00	5.38	0.2692	1.0000	$601,039.39	$111,632.60
		$98,230,676.90	20.00	15.17	0.7585	1.0000	$74,505,511.55	$4,911,533.85

Remaining Life Depreciation Accrual

Account: PECO Common 3970 PA
Scenario: PECO Common Groups 2021
Dispersion: 20.00 - L3

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$98,230,676.90	15.17	$4,834,764.93	4.921848%	6.592175%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($2,648,499.63)	0.50	($66,212.49)	2.500000%	
Total:	$98,230,676.90 *		$4,768,552.44	4.854443%	6.501895%
Average:	$96,906,427.09		$4,768,552.44	4.920780%	6.621452%
Grand Total:	$98,230,676.90 *		$4,768,552.44	4.854443%	6.501895%

* Excluding 2021 Retirements

Generation Arrangement Report

PECO Common Groups 2021

Account: PECO Common 3980 PA
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1, 2021

Vintage	Age	Surviving Plant	Avg Life	Remaining Life	Net Plant Ratio	Alloc Factor	Computed Net Plant	Accrual
2017	3.50	$57,233.54	15.00	11.50	0.7667	1.0000	$43,879.05	$3,815.57
2015	5.50	$16,773.27	15.00	9.50	0.6333	1.0000	$10,623.07	$1,118.22
2014	6.50	$497,037.52	15.00	8.50	0.5667	1.0000	$281,654.59	$33,135.83
2012	8.50	$67,989.42	15.00	6.50	0.4333	1.0000	$29,462.08	$4,532.63
2011	9.50	$22,622.02	15.00	5.50	0.3667	1.0000	$8,294.74	$1,508.13
2010	10.50	$511,435.53	15.00	4.50	0.3000	1.0000	$153,430.66	$34,095.70
2009	11.50	$18,269.07	15.00	3.50	0.2333	1.0000	$4,262.78	$1,217.94
2008	12.50	$29,625.38	15.00	2.50	0.1667	1.0000	$4,937.56	$1,975.03
2007	13.50	$20,663.73	15.00	1.50	0.1000	1.0000	$2,066.37	$1,377.58
		$1,241,649.48	15.00	6.51	0.4338	1.0000	$538,610.91	$82,776.63

Remaining Life Depreciation Accrual

Account: PECO Common 3980 PA
Scenario: PECO Common Groups 2021
Dispersion: 15.00 - SQ

Average Net Salvage Rate: 0.00%
Future Net Salvage Rate: 0.00%

Broad Group Procedure

January 1 , 2021

	Plant Amt	Remaining Life	Accrual (Dollars)	Accrual Rate (Gross Plant)	Accrual Rate (Net Plant)
Pre- 2021 Additions	$1,241,649.48	6.51	$91,637.94	7.380339%	15.368540%
2021 Additions	$0.00	0.00	$0.00	0.000000%	
2021 Retirements	($0.00)	0.50	($0.00)	0.000000%	
Total:	$1,241,649.48 *		$91,637.94	7.380339%	15.368540%
Average:	$1,241,649.48		$91,637.94	7.380339%	15.368540%
Grand Total:	$1,241,649.48 *		$91,637.94	7.380339%	15.368540%

* Excluding 2021 Retirements

PECO Exhibit CF-2

Estimated Annual Depreciation Accruals Related to Utility Plant in Service for 2021

Summary –

This exhibit is based on the results of the 2018 Depreciation Study and updated to reflect the estimated original cost of PECO's electric and common plant in service at December 31, 2021.

Estimated Annual Depreciation Accruals Related to Utility Plant In Service for 2021

Utility Account	2018 Service Life Study - Average Service Life	2018 Service Life Study - Dispersion Curve	2021 Depreciation Rate	Original Cost of Gross Plant - January 1, 2021	2021 Estimated Plant Additions	2021 Estimated Plant Retirements	Estimated Original Cost of Gross Plant - December 31, 2021	Accumulated Book Reserve - January 1, 2021	2021 Estimated Annual Depreciation Accrual	2021 Estimated Plant Retirements	2021 - Estimated Cost of (Removal) / Salvage	Estimated Accumulated Book Reserve - December 31, 2021	Estimated Depreciable Plant Net Book Value - December 31, 2021
361 Structures and Improvements	50	R2.5	2.65%	167,040,038	27,448,597	(845,721)	193,642,914	40,762,520.00	3,628,126	(845,721)	(952,814)	42,592,111	151,050,803
362 Station Equipment	53	R3	3.01%	1,106,597,425	42,696,194	(6,399,990)	1,142,893,629	466,064,004.00	19,567,084	(6,399,990)	(3,939,920)	475,291,178	667,602,451
364 Poles, Towers and Fixtures	53	R2	2.47%	889,083,564	102,543,767	(7,412,402)	984,214,929	134,673,927.00	19,553,974	(7,412,402)	(12,141,177)	134,674,322	849,540,607
365 Overhead Conudctors & Devices	52	R2.5	2.49%	1,581,691,309	204,592,934	(8,082,009)	1,778,202,234	277,545,741.00	34,461,978	(8,082,009)	(13,273,231)	290,652,479	1,487,549,755
366 Underground Conduit	70	R4	2.04%	527,046,333	58,533,794	(431,082)	585,149,045	167,034,097.00	7,967,884	(431,082)	(2,963,356)	171,607,543	413,541,502
367 Underground Conductors & Devices	54	S0.5	2.40%	1,394,360,314	109,940,253	(10,332,242)	1,493,968,325	204,830,376.00	29,511,357	(10,332,242)	(11,070,171)	212,939,320	1,281,029,005
368 Line Transformers	47	R1.5	2.98%	667,074,660	65,088,219	(13,615,362)	718,547,517	183,584,256.00	15,019,074	(13,615,362)	(732,236)	184,255,732	534,291,785
369.1 Services - Aerial	53	R4	2.84%	167,503,971	10,115,875	(126,275)	177,493,571	58,395,844.00	3,188,924	(126,275)	(473,886)	60,984,607	116,508,964
369.2 Services - Underground	55	R3	3.19%	269,393,283	2,957,535	(206,089)	272,144,729	116,883,503.00	4,833,934	(206,089)	(321,911)	121,189,437	150,955,292
370.1 Meter Transformers	35	R2	3.20%	3,503,640	560,354	-	4,063,994	465,571.00	102,587	-	-	568,158	3,495,836
370.2 Smart Meters	15	S2	11.14%	325,100,370	11,469,418	(13,326)	336,556,462	137,379,127.00	20,018,805	(13,326)	(6,493)	157,378,113	179,178,349
371 Installs on Customers' Premises	36	R4	6.95%	1,030,123	-	-	1,030,123	962,065.00	4,579	-	-	966,644	63,479
371.1 Installs on Customers' Premises - DLC Switches **(Note A)**	15	S2	15.08%	12,742,260	-	-	12,742,260	7,678,007.00	713,010	-	-	8,391,017	4,351,243
373 Street Lighting and Signal Systems	24	L0	Various	62,152,325	3,355,155	(2,577,878)	62,929,602	30,937,122.00	1,729,363	(2,577,878)	(231,916)	29,856,691	33,072,911
374 Asset Retirement costs **(Note B)**	N/A	N/A	N/A	3,540,995	-	(122,379)	3,418,616	2,274,471.00	57,766	(122,379)	-	2,209,858	1,208,758
Distribution Subtotal				**7,177,860,610**	**639,302,095**	**(50,164,755)**	**7,766,997,950**	**1,829,470,631.00**	**160,358,445**	**(50,164,755)**	**(46,107,111)**	**1,893,557,210**	**5,873,440,740**
Intangible Plant Allocated to Distribution **(Note C)**				196,770,933	21,045,849	(597,005)	217,219,777	128,147,449.00	17,890,756	(597,005)	-	145,441,200	71,778,577
General Plant Allocated to Distribution **(Note D)**				275,346,473	7,893,062	(6,791,505)	276,448,030	85,008,860.00	18,906,837	(6,791,505)	(910,359)	96,213,833	180,234,197
Common Plant Allocated to Distribution **(Note E)**				666,747,958	72,418,597	(12,447,174)	726,719,381	297,752,450.00	45,302,749	(12,447,174)	(3,155,692)	327,452,333	399,267,048
Depreciable Total				**8,316,725,974**	**740,659,603**	**(70,000,439)**	**8,987,385,138**	**2,340,379,390.00**	**242,458,787**	**(70,000,439)**	**(50,173,162)**	**2,462,664,576**	**6,524,720,562**

Fleet Depreciation **(Note F)**	(8,907,379)
ARC Amortization **(Note B)**	(253,924)
Act 129 **(Note G)**	(713,010)
Regulatory Assets **(Note H)**	(2,395,624)
Adjusted 2021 estimated annual depreciation accrual	**230,188,850**
	Note I

Notes:

Note A: Utility Account 371.1 was not included in the 2018 study and will continue to depreciate over the 2013 average service life.

Note B: Asset Retirement Costs (ARC) are depreciable plant, but the ARC depreciation expense is not included in the revenue requirements calculation and not included in the claim for the current proceeding.

Note C: The Intangible Plant allocated to Electric Distribution is individually depreciated based on the service lives estimated at the time the plant is placed into service. The amortization rates for Intangible Plant are weighted based on the relative amount of underlying plant booked to the Intangible Plant accounts.

Note D: The General Plant allocated to Electric Distribution relates to various General Plant utility accounts identified in the 2018 Depreciation Study; the depreciation rates are calculated the same as Electric Distribution Plant. The General Plant amounts are allocated to Electric Distribution plant based on a labor allocation methodology as explained in Mr. Trzaska's testimony (PECO Statement No. 3).

Note E: The Common Plant allocated to Electric Distribution relates to various Common Plant utility accounts identified in the 2018 Depreciation Study; the depreciation rates are calculated the same as Electric Distribution Plant. The Common Plant amounts are allocated to Electric plant based on the Common Allocation Factor determined each year and further allocated to Electric Distribution plant based on a labor allocation methodology.

Note F: Included in the 2021 Estimated Annual Depreciation Accrual column for the Common Plant allocated to Distribution row is $8.9 million relating to PECO Fleet depreciation. PECO Fleet depreciation is reversed from depreciation expense and redistributed to both capital and expense accounts/projects. As a result, a $8.9 million credit is shown for Fleet depreciation expense. The amount of Fleet depreciation that is capitalized to Electric Distribution capital projects is included in the 2021 Estimated Plant Additions column and related depreciation is in the 2021 Estimated Annual Depreciation Accrual column.

Note G: ACT 129 costs for Direct Load Control (DLC) switches were fully recovered in 2013 and are not included in the claim for the current proceeding.

Note H: Included in the 2021 Estimated Annual Depreciation Accrual is $2.4 million relating to PECO Regulatory Asset amortization. Regulatory Asset amortization expense is charged to a Regulatory Asset.

Note I: Agrees to Electric Distribution depreciation expense included in the revenue requirements calculation in Exhibit MJT-2, Schedule D-17.

PECO Exhibit CF-3

Estimated Annual Depreciation Accruals Related to Utility Plant in Service for 2022

Summary –

This exhibit is based on the results of the 2018 Depreciation Study and updated to reflect the estimated original cost of PECO's electric and common plant in service at December 31, 2022.

Estimated Annual Depreciation Accruals Related to Utility Plant In Service for 2022

Utility Account	2018 Service Life Study - Average Service Life	2018 Service Life Study - Dispersion Curve	2022 Depreciation Rate	Original Cost of Gross Plant - January 1, 2022	2022 Estimated Plant Additions	2022 Estimated Plant Retirements	Estimated Original Cost of Gross Plant - December 31, 2022	Accumulated Book Reserve - January 1, 2022	2022 Estimated Annual Depreciation Accrual	2022 Estimated Plant Retirements	2022 - Estimated Cost of (Removal) / Salvage	Estimated Accumulated Book Reserve - December 31, 2022	Estimated Depreciable Plant Net Book Value - December 31, 2022
361 Structures and Improvements	50	R2.5	2.65%	193,642,914	27,612,522	(845,721)	220,409,715	42,592,111	4,453,187	(845,721)	(952,814)	45,246,763	175,162,952
362 Station Equipment	53	R3	3.01%	1,142,893,629	42,965,365	(6,399,990)	1,179,459,004	475,291,178	20,921,863	(6,399,990)	(3,939,920)	485,873,131	693,585,873
364 Poles, Towers and Fixtures	53	R2	2.47%	984,214,929	103,205,695	(7,412,402)	1,080,008,222	134,674,322	22,885,573	(7,412,402)	(12,141,177)	138,006,316	942,001,906
365 Overhead Conudctors & Devices	52	R2.5	2.49%	1,778,202,234	205,850,395	(8,082,009)	1,975,970,620	290,652,479	40,790,992	(8,082,009)	(13,273,231)	310,088,231	1,665,882,389
366 Underground Conduit	70	R4	2.04%	585,149,045	58,888,738	(431,082)	643,606,701	171,607,543	9,754,377	(431,082)	(2,963,356)	177,967,482	465,639,219
367 Underground Conductors & Devices	54	S0.5	2.40%	1,493,968,325	110,638,691	(10,332,242)	1,594,274,774	212,939,320	33,026,711	(10,332,242)	(11,070,171)	224,563,618	1,369,711,156
368 Line Transformers	47	R1.5	2.98%	718,547,517	65,468,115	(13,615,362)	770,400,270	184,255,732	16,931,159	(13,615,362)	(732,236)	186,839,293	583,560,977
369.1 Services - Aerial	53	R4	2.84%	177,493,571	10,176,996	(126,275)	187,544,292	60,984,607	3,496,557	(126,275)	(473,886)	63,881,003	123,663,289
369.2 Services - Underground	55	R3	3.19%	272,144,729	2,976,463	(206,089)	274,915,103	121,189,437	4,929,201	(206,089)	(321,911)	125,590,638	149,324,465
370.1 Meter Transformers	35	R2	3.20%	4,063,994	563,588	-	4,627,582	568,158	118,865	-	-	687,023	3,940,559
370.2 Smart Meters	15	S2	11.14%	336,556,462	11,535,654	(13,326)	348,078,790	157,378,113	20,352,181	(13,326)	(6,493)	177,710,475	170,368,315
371 Installs on Customers' Premises	36	R4	6.95%	1,030,123	-	-	1,030,123	966,644	4,579	-	-	971,223	58,900
371.1 Installs on Customers' Premises - DLC Switches **(Note A)**	15	S2	15.08%	12,742,260	-	-	12,742,260	8,391,017	713,010	-	-	9,104,027	3,638,233
373 Street Lighting and Signal Systems	24	L0	Various	62,929,602	3,375,859	(2,577,878)	63,727,583	29,856,691	1,833,568	(2,577,878)	(231,916)	28,880,465	34,847,118
374 Asset Retirement costs **(Note B)**	N/A	N/A	N/A	3,418,616	-	(122,379)	3,296,237	2,209,858	28,456	(122,379)	-	2,115,935	1,180,302
Distribution Subtotal				**7,766,997,950**	**643,258,081**	**(50,164,755)**	**8,360,091,276**	**1,893,557,210**	**180,240,279**	**(50,164,755)**	**(46,107,111)**	**1,977,525,623**	**6,382,565,653**
Intangible Plant Allocated to Distribution **(Note C)**				217,219,777	15,982,190	(597,005)	232,604,962	145,441,200	21,124,638	(597,005)	-	165,968,833	66,636,129
General Plant Allocated to Distribution **(Note D)**				276,448,030	6,590,314	(6,791,505)	276,246,839	96,213,833	19,722,033	(6,791,505)	(910,359)	108,234,002	168,012,837
Common Plant Allocated to Distribution **(Note E)**				726,719,381	69,574,769	(12,447,174)	783,846,976	327,452,333	52,819,352	(12,447,174)	(3,155,692)	364,668,819	419,178,157
Depreciable Total				**8,987,385,138**	**735,405,354**	**(70,000,439)**	**9,652,790,053**	**2,462,664,576**	**273,906,302**	**(70,000,439)**	**(50,173,162)**	**2,616,397,277**	**7,036,392,776**

Fleet Depreciation **(Note F)**	(10,789,140)
ARC Amortization **(Note B)**	(222,201)
Act 129 **(Note G)**	(713,010)
Regulatory Assets **(Note H)**	(2,349,382)
Adjusted 2022 estimated annual depreciation accrual	**259,832,569**
	Note I

Notes:

Note A: Utility Account 371.1 was not included in the 2018 study and will continue to depreciate over the 2013 average service life.

Note B: Asset Retirement Costs (ARC) are depreciable plant, but the ARC depreciation expense is not included in the revenue requirements calculation and not included in the claim for the current proceeding.

Note C: The Intangible Plant allocated to Electric Distribution is individually depreciated based on the service lives estimated at the time the plant is placed into service. The amortization rates for Intangible Plant are weighted based on the relative amount of underlying plant booked to the Intangible Plant accounts.

Note D: The General Plant allocated to Electric Distribution relates to various General Plant utility accounts identified in the 2018 Depreciation Study; the depreciation rates are calculated the same as Electric Distribution Plant. The General Plant amounts are allocated to Electric Distribution plant based on a labor allocation methodology as explained in Mr. Trzaska's testimony (PECO Statement No. 3).

Note E: The Common Plant allocated to Electric Distribution relates to various Common Plant utility accounts identified in the 2018 Depreciation Study; the depreciation rates are calculated the same as Electric Distribution Plant. The Common Plant amounts are allocated to Electric plant based on the Common Allocation Factor determined each year and further allocated to Electric Distribution plant based on a labor allocation methodology.

Note F: Included in the 2022 Estimated Annual Depreciation Accrual column for the Common Plant allocated to Distribution row is $10.8 million relating to PECO Fleet depreciation. PECO Fleet depreciation is reversed from depreciation expense and redistributed to both capital and expense accounts/projects. As a result, a $10.8 million credit is shown for Fleet depreciation expense. The amount of Fleet depreciation that is capitalized to Electric Distribution capital projects is included in the 2022 Estimated Plant Additions column and related depreciation is in the 2022 Estimated Annual Depreciation Accrual column.

Note G: ACT 129 costs for Direct Load Control (DLC) switches were fully recovered in 2013 and are not included in the claim for the current proceeding.

Note H: Included in the 2022 Estimated Annual Depreciation Accrual is $2.3 million relating to PECO Regulatory Asset amortization. Regulatory Asset amortization expense is charged to a Regulatory Asset.

Note I: Agrees to Electric Distribution depreciation expense included in the revenue requirements calculation in Exhibit MJT-1, Schedule D-17.

PECO ENERGY COMPANY

PHILADELPHIA, PENNSYLVANIA

2018 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC DISTRIBUTION, GENERAL
AND COMMON PLANT AS OF DECEMBER 31, 2018

Prepared by:

Gannett Fleming

*Excellence Delivered **As Promised***

PECO ENERGY COMPANY

Philadelphia, Pennsylvania

2018 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC DISTRIBUTION, GENERAL
AND COMMON PLANT AS OF DECEMBER 31, 2018

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Valley Forge, Pennsylvania

Gannett Fleming

Excellence Delivered ***As Promised***

March 31, 2020

PECO Energy Company
2301 Market Street
Philadelphia, PA 19101

Attention Mr. Scott Bailey
Vice President and Controller

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric distribution, general and common plant of PECO Energy Company (PECO) as of December 31, 2018. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual depreciation accrual rates, the statistical support for the service life estimates and the detailed tabulations of annual depreciation.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC

John F. Wiedmayer

JOHN F. WIEDMAYER
Project Manager, Depreciation Studies

JFW:mle

065222

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PECO ENERGY COMPANY

DEPRECIATION STUDY

EXECUTIVE SUMMARY

Pursuant to PECO Energy Company's ("PECO" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to PECO's electric and common plant as of December 31, 2018. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life for each depreciable group of assets.

The most significant change since the previous depreciation study as of December 31, 2013 is related to increased service lives for several major accounts which resulted in a decrease in depreciation expense.

The two largest Electric Distribution Plant accounts with increased service lives were Accounts 362, Station Equipment and 366, Underground Conduit. The service life estimates were lengthened from 50 to 53 years for Station Equipment and 65 to 70 years for Underground Conduit. There were no Electric Distribution and General Plant accounts where the proposed service life estimates decreased in this report.

The Common Plant account almost entirely responsible for the decrease in depreciation expense was Account 390, Structures and Improvements. The service

life estimate for Structures and Improvements was lengthened from 50 to 55 years.

PECO's current depreciation rates are based on service life estimates approved in the most recent service life study filed in March 2015.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric and common plant in service as of December 31, 2018 as summarized by Tables 1 and 2, respectively, of the study. Supporting analysis and calculations are provided within the study.

The study results set forth an annual depreciation expense for electric and common plant of $176.581 million when applied to depreciable plant balances as of December 31, 2018. The results are summarized at the functional level as follows:

SUMMARY OF ORIGINAL COST, PROPOSED ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF DECEMBER 31, 2018	ACCRUAL RATE	ACCRUAL AMOUNT
(1)	(2)	(3)=(4)/(2)	(4)
ELECTRIC PLANT			
Distribution Plant	6,261,786,689	2.14	134,235,486
General Plant	272,701,859	6.72	18,334,531
Total Electric Plant	**6,534,488,548**	**2.33**	**152,570,017**
COMMON PLANT			
General Plant	512,723,577	4.68	24,011,209
Total Common Plant	**512,723,577**	**4.68**	**24,011,209**
Total	**7,047,212,125**	**2.51**	**176,581,226**

PART I. INTRODUCTION

PECO ENERGY COMPANY

DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report sets forth the results of the depreciation study for PECO Energy Company ("PECO"), to determine the annual depreciation accrual rates and amounts for book purposes applicable to the original cost of electric and common plant as of December 31, 2018. The rates and amounts are based on the straight line remaining life method of depreciation. This report also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to electric and common plant in service as of December 31, 2018.

The service life estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through 2018, a review of Company practice and outlook as they relate to plant operation and retirement, and consideration of current practice in the electric industry, including knowledge of service life estimates used for other electric companies.

PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life studies. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents a discussion of the method used by PECO for the recovery of net salvage. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation. Part VI, Results of Study, presents summaries by depreciable group of

annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics presents the statistical analysis of service life estimates, and Part VIII, Detailed Depreciation Calculations presents the detailed tabulations of annual and accrued depreciation.

BASIS OF THE STUDY

Depreciation

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight-line method of depreciation.

For most accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. For certain General Plant accounts, the annual depreciation is based on amortization

accounting. Both types of calculations were based on original cost, attained ages, and estimates of service lives.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout North America. Gannett Fleming recommends its continued use in this study. Amortization accounting is used for certain General Plant accounts because of the disproportionate plant accounting effort required when compared to the minimal original cost of the large number of items in these accounts. An explanation of the calculation of annual and accrued amortization is presented beginning on page V-4 of the report.

Service Life Estimates

The service life estimates used in the depreciation and amortization calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for utility plant. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts not subject to amortization accounting.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and estimates of future experience yielded estimated survivor curves from which the average service lives were derived.

A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirement was obtained through discussions with operating and management personnel and was incorporated in the interpretation and extrapolation of the statistical analyses.

PART II. ESTIMATION OF SURVIVOR CURVES

PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below.

SURVIVOR CURVES

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

This study has incorporated the use of Iowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

Iowa Type Curves

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. There are four families in the Iowa system, labeled in accordance with the location of the modes of the retirements (or the portion of the frequency curve with the highest level of retirements) in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family. A higher number designates a higher mode curve.

The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves,

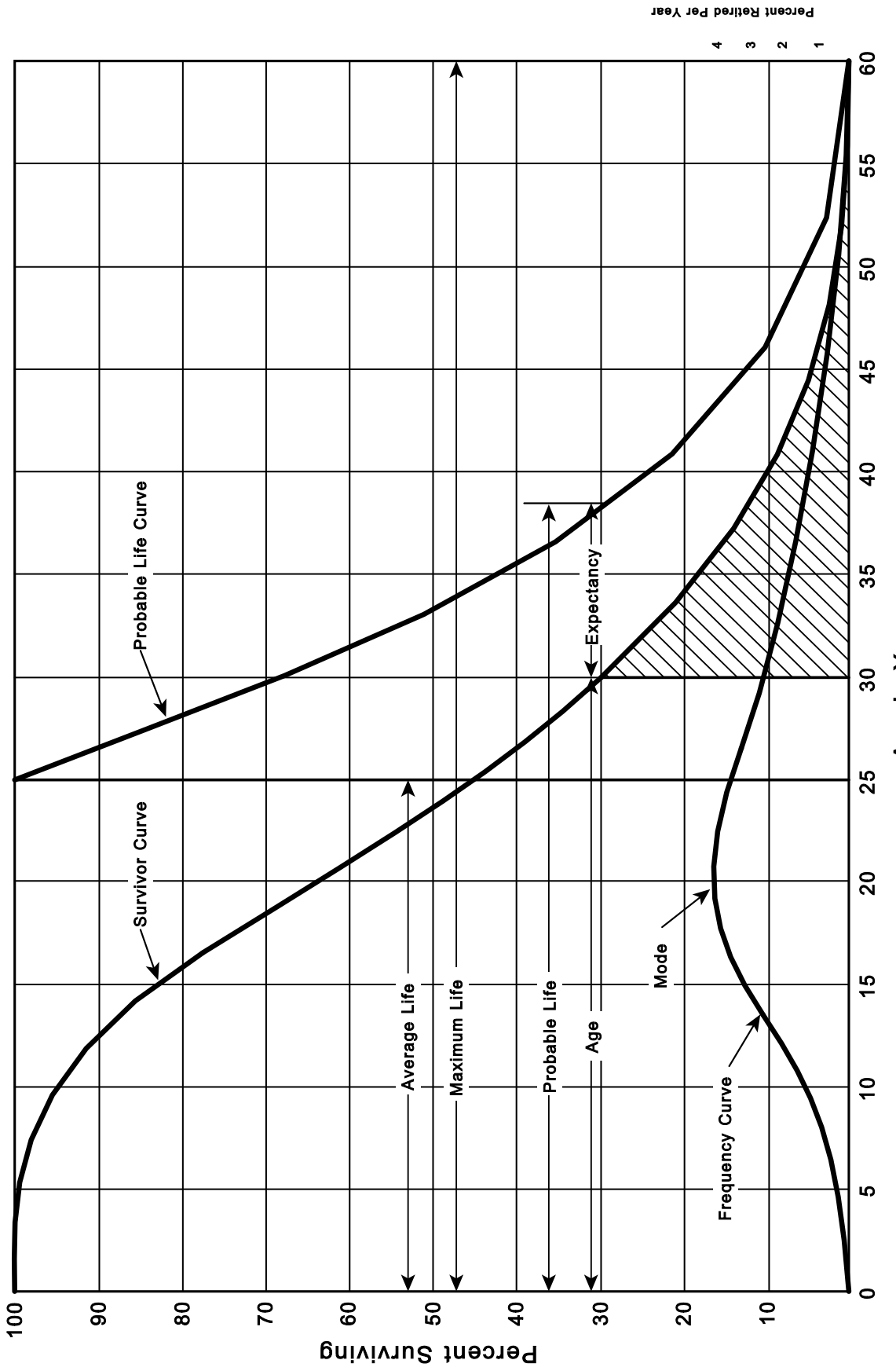


Figure 1. A Typical Survivor Curve and Derived Curves

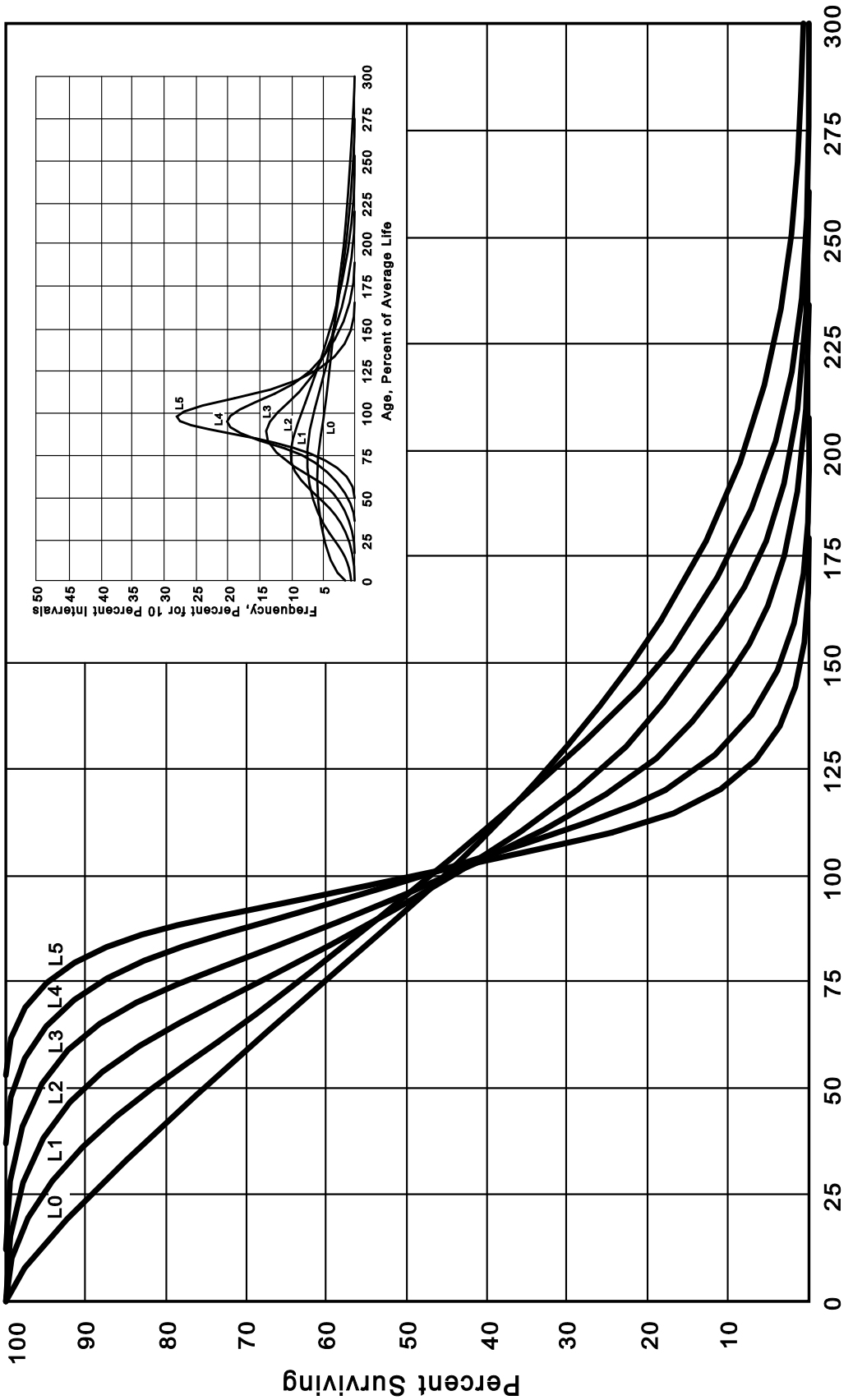


Figure 2. Left Modal or "L" Iowa Type Survivor Curves

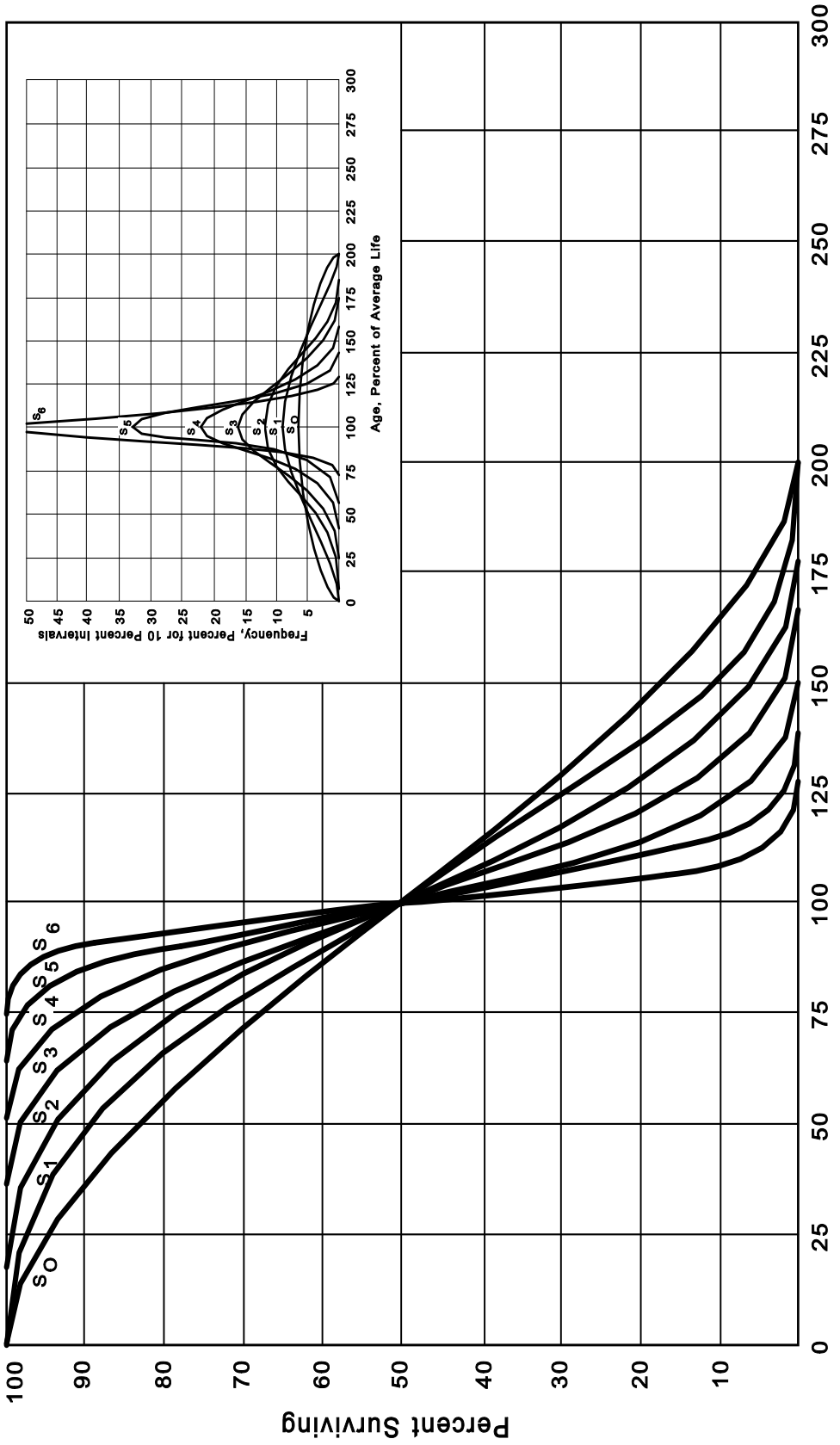


Figure 3. Symmetrical or "S" Iowa Type Survivor Curves

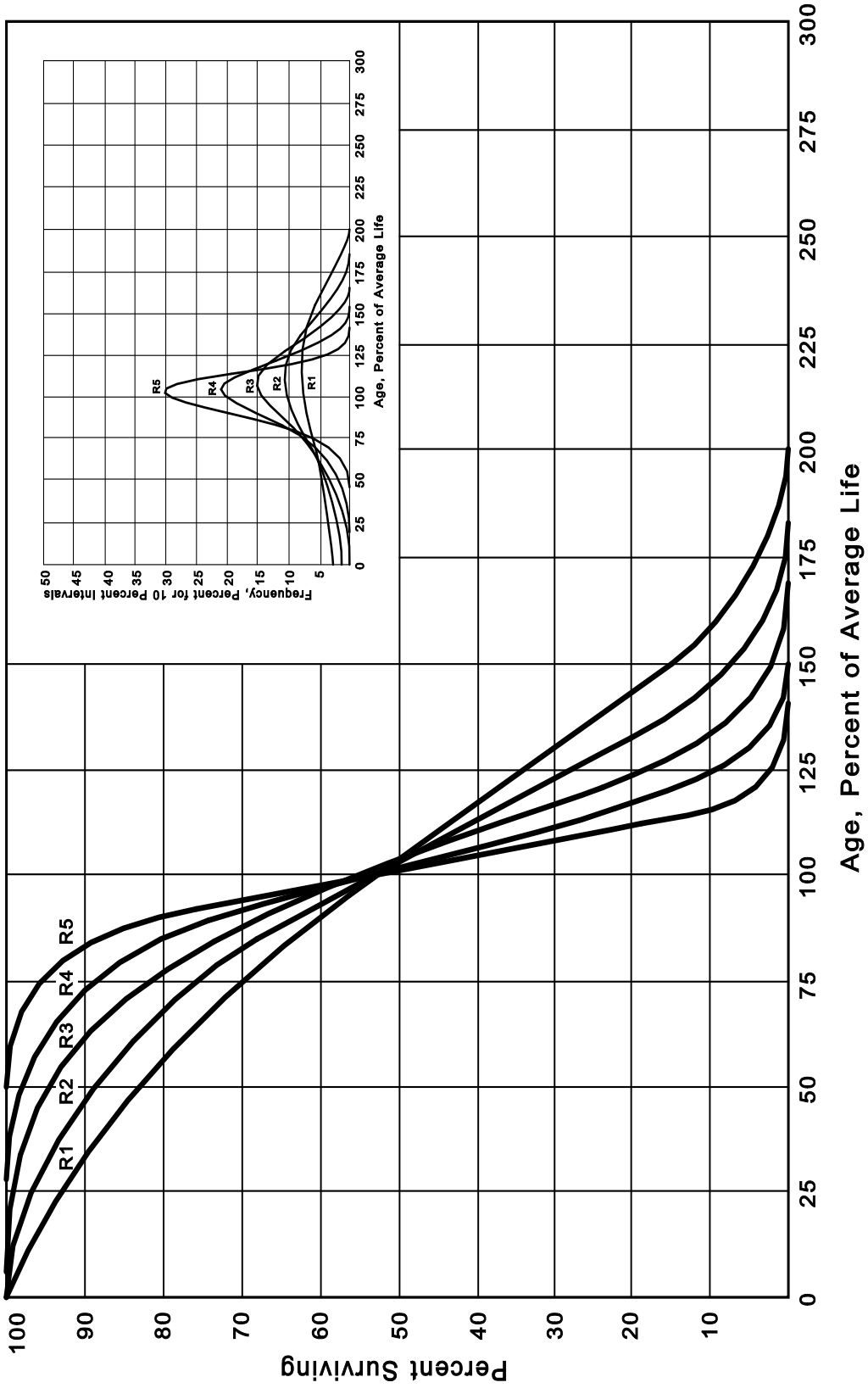


Figure 4. Right Modal or "R" Iowa Type Survivor Curves

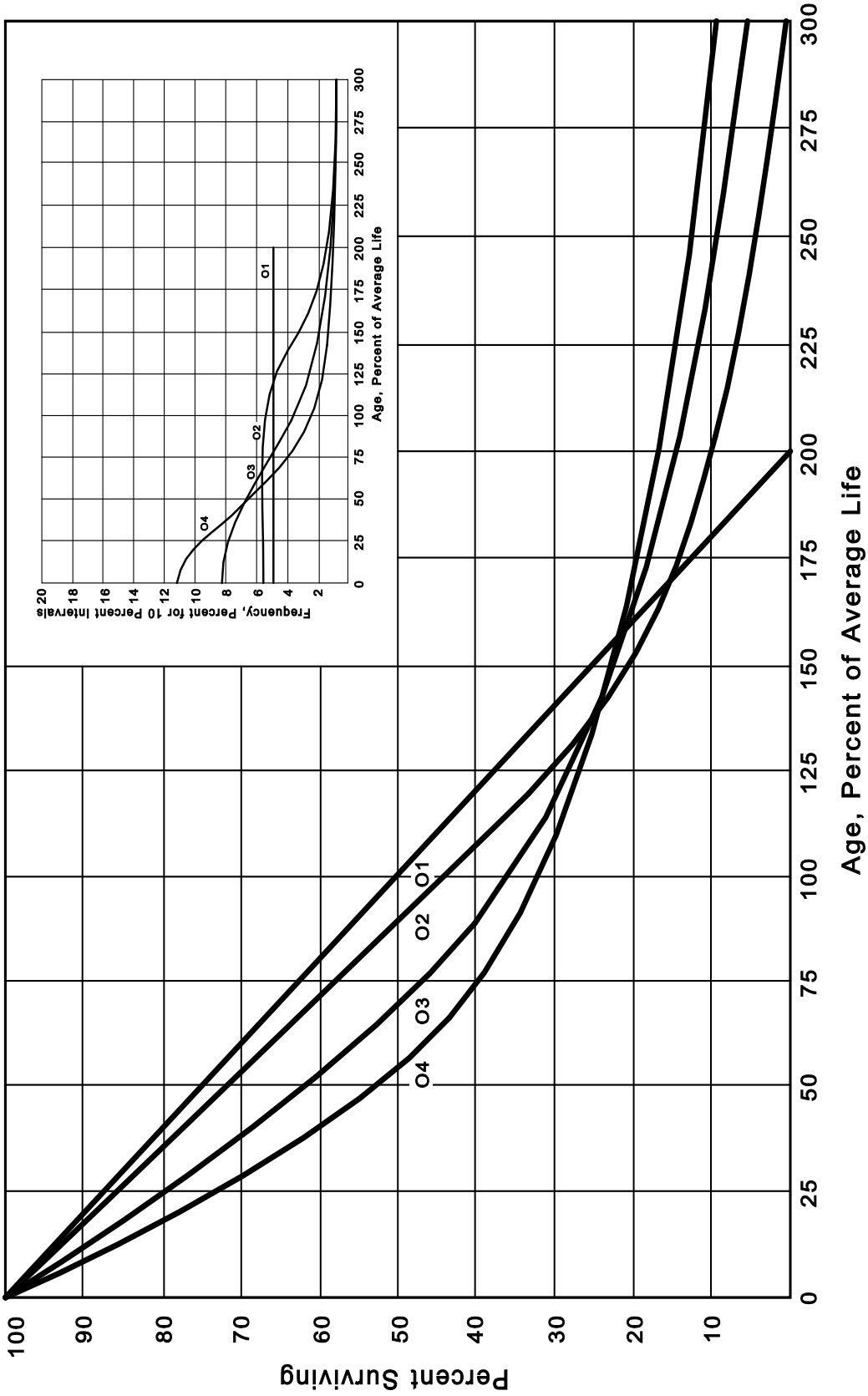


Figure 5. Origin Modal or "O" Iowa Type Survivor Curves

which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125. These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation."[1] In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text, and is also explained in several publications, including "Statistical Analyses of Industrial Property Retirements,"[2] "Engineering Valuation and Depreciation,"[3] and "Depreciation Systems."[4]

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band, and the band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes

[1]Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.
[2]Winfrey, Robley, Supra Note 1.
[3]Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 2.
[4]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994.

schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

Schedules of Annual Transactions in Plant Records

A hypothetical property group is used to illustrate the retirement rate method. This property group is observed for the experience band 2009-2018 during which there were placements during the years 2004-2018. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12 In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the dollars invested in 2004 were retired in 2009. The $10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2009 retirements of 2004 installations and ending with the 2018 retirements of the 2013 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20.

SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2009-2018
SUMMARIZED BY AGE INTERVAL

Experience Band 2009-2018

Placement Band 2004-2018

Year Placed	Retirements, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004	10	11	12	13	14	16	23	24	25	26	26	13½-14½
2005	11	12	13	15	16	18	20	21	22	19	44	12½-13½
2006	11	12	13	14	16	17	19	21	22	18	64	11½-12½
2007	8	9	10	11	11	13	14	15	16	17	83	10½-11½
2008	9	10	11	12	13	14	16	17	19	20	93	9½-10½
2009	4	9	10	11	12	13	14	15	16	20	105	8½-9½
2010		5	11	12	13	14	15	16	18	20	113	7½-8½
2011			6	12	13	15	16	17	19	19	124	6½-7½
2012				6	13	15	16	17	19	19	131	5½-6½
2013					7	14	16	17	19	20	143	4½-5½
2014						8	18	20	22	23	146	3½-4½
2015							9	20	22	25	150	2½-3½
2016								11	23	25	151	1½-2½
2017									11	24	153	½-1½
2018										13	80	0-½
Total	53	68	86	106	128	157	196	231	273	308	1,606	

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2009-2018
SUMMARIZED BY AGE INTERVAL

Experience Band 2009-2018 Placement Band 2004-2018

Year Placed	Acquisitions, Transfers and Sales, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004	-	-	-	-	-	-	60[a]	-	-	-	-	13½-14½
2005	-	-	-	-	-	-	-	-	-	-	-	12½-13½
2006	-	-	-	-	-	-	-	-	-	-	-	11½-12½
2007	-	-	-	-	-	-	-	(5)[b]	-	-	60	10½-11½
2008	-	-	-	-	-	-	-	6[a]	-	-	-	9½-10½
2009	-	-	-	-	-	-	-	-	-	-	(5)	8½-9½
2010		-	-	-	-	-	-	-	-	-	6	7½-8½
2011			-	-	-	-	-	-	-	-	-	6½-7½
2012				-	-	-	-	(12)[b]	-	-	-	5½-6½
2013					-	-	-	-	22[a]	-	-	4½-5½
2014						-	-	(19)[b]	-	-	10	3½-4½
2015							-	-	-	-	-	2½-3½
2016								-	-	(102)[c]	(121)	1½-2½
2017									-	-	-	½-1½
2018											-	0-½
Total	-	-	-	-	-	-	60	(30)	22	(102)	(50)	

[a] Transfer Affecting Exposures at Beginning of Year
[b] Transfer Affecting Exposures at End of Year
[c] Sale with Continued Use
Parentheses Denote Credit Amount.

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2009 through 2018 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2014 are calculated in the following manner:

Exposures at age 0	= amount of addition	= $750,000
Exposures at age ½	= $750,000 - $ 8,000	= $742,000
Exposures at age 1½	= $742,000 - $18,000	= $724,000
Exposures at age 2½	= $724,000 - $20,000 - $19,000	= $685,000
Exposures at age 3½	= $685,000 - $22,000	= $663,000

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2009-2018
SUMMARIZED BY AGE INTERVAL

Experience Band 2009-2018

Placement Band 2004-2018

Year Placed	Exposures, Thousands of Dollars — Annual Survivors at the Beginning of the Year										Total at Beginning of Age Interval	Age Interval
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2004	255	245	234	222	209	195	239	216	192	167	167	13½-14½
2005	279	268	256	243	228	212	194	174	153	131	323	12½-13½
2006	307	296	284	271	257	241	224	205	184	162	531	11½-12½
2007	338	330	321	311	300	289	276	262	242	226	823	10½-11½
2008	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
2009	420[a]	416	407	397	386	374	361	347	332	316	1,503	8½-9½
2010		460[a]	455	444	432	419	405	390	374	356	1,952	7½-8½
2011			510[a]	504	492	479	464	448	431	412	2,463	6½-7½
2012				580[a]	574	561	546	530	501	482	3,057	5½-6½
2013					660[a]	653	639	623	628	609	3,789	4½-5½
2014						750[a]	742	724	685	663	4,332	3½-4½
2015							850[a]	841	821	799	4,955	2½-3½
2016								960[a]	949	926	5,719	1½-2½
2017									1,080[a]	1,069	6,579	½-1½
2018										1,220[a]	7,490	0-½
Total	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780	

[a]Additions during the year

For the entire experience band 2009-2018, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.

Original Life Table

The original life table, illustrated in Schedule 4 on page II-16**,** is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½	=	88.15				
Exposures at age 4½	=	3,789,000				
Retirements from age 4½ to 5½	=	143,000				
Retirement Ratio	=	143,000	÷	3,789,000	=	0.0377
Survivor Ratio	=	1.000	-	0.0377	=	0.9623
Percent surviving at age 5½	=	(88.15)	x	(0.9623)	=	84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

SCHEDULE 4. ORIGINAL LIFE TABLE
CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2009-2018 Placement Band 2004-2018

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
					35.66
Total	44,780	1,606			

Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.
Column 3 from Schedule 1, Column 12, Retirements for Each Year.
Column 4 = Column 3 Divided by Column 2.
Column 5 = 1.0000 Minus Column 4.
Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Table 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

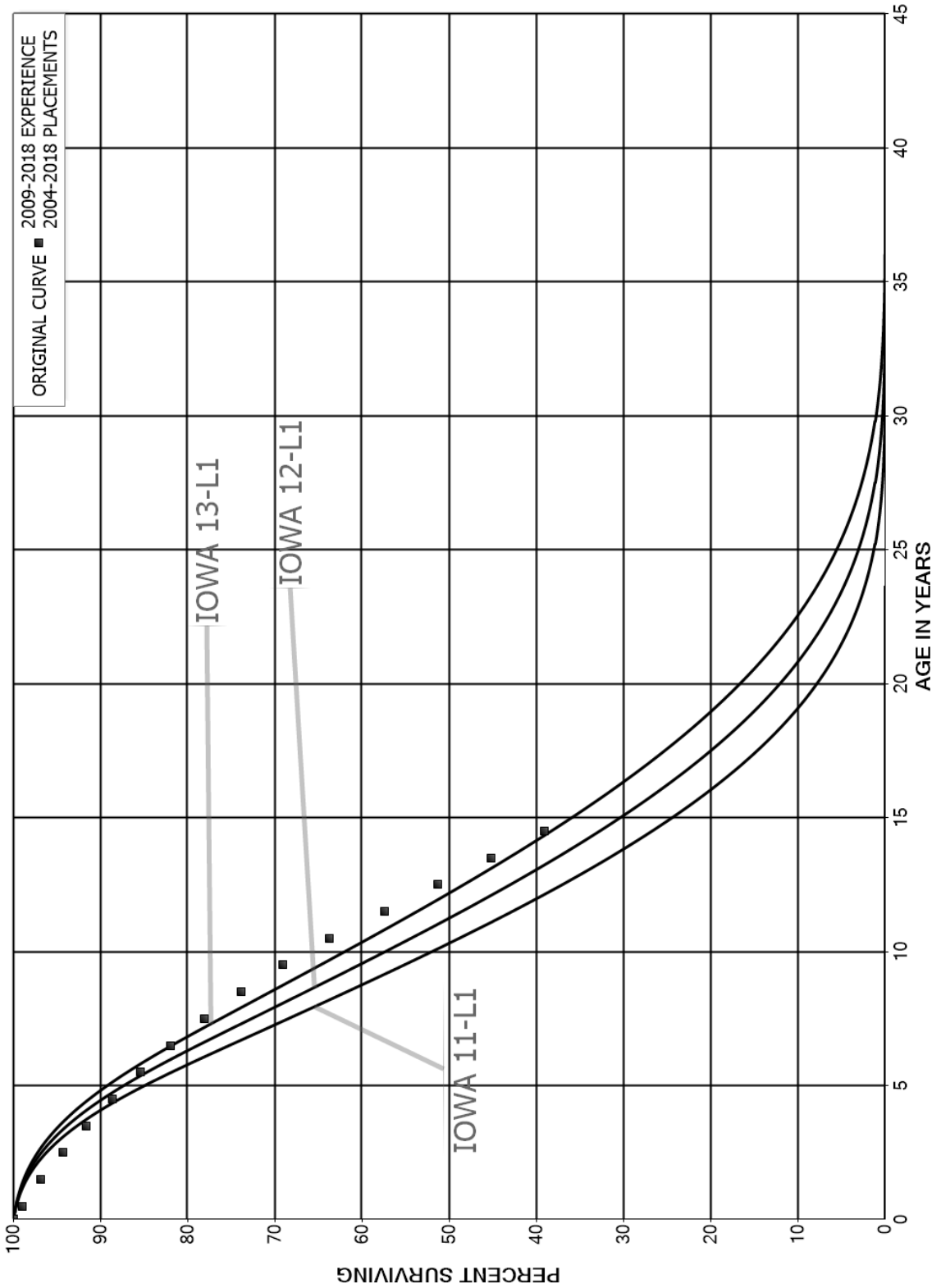


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN S0 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

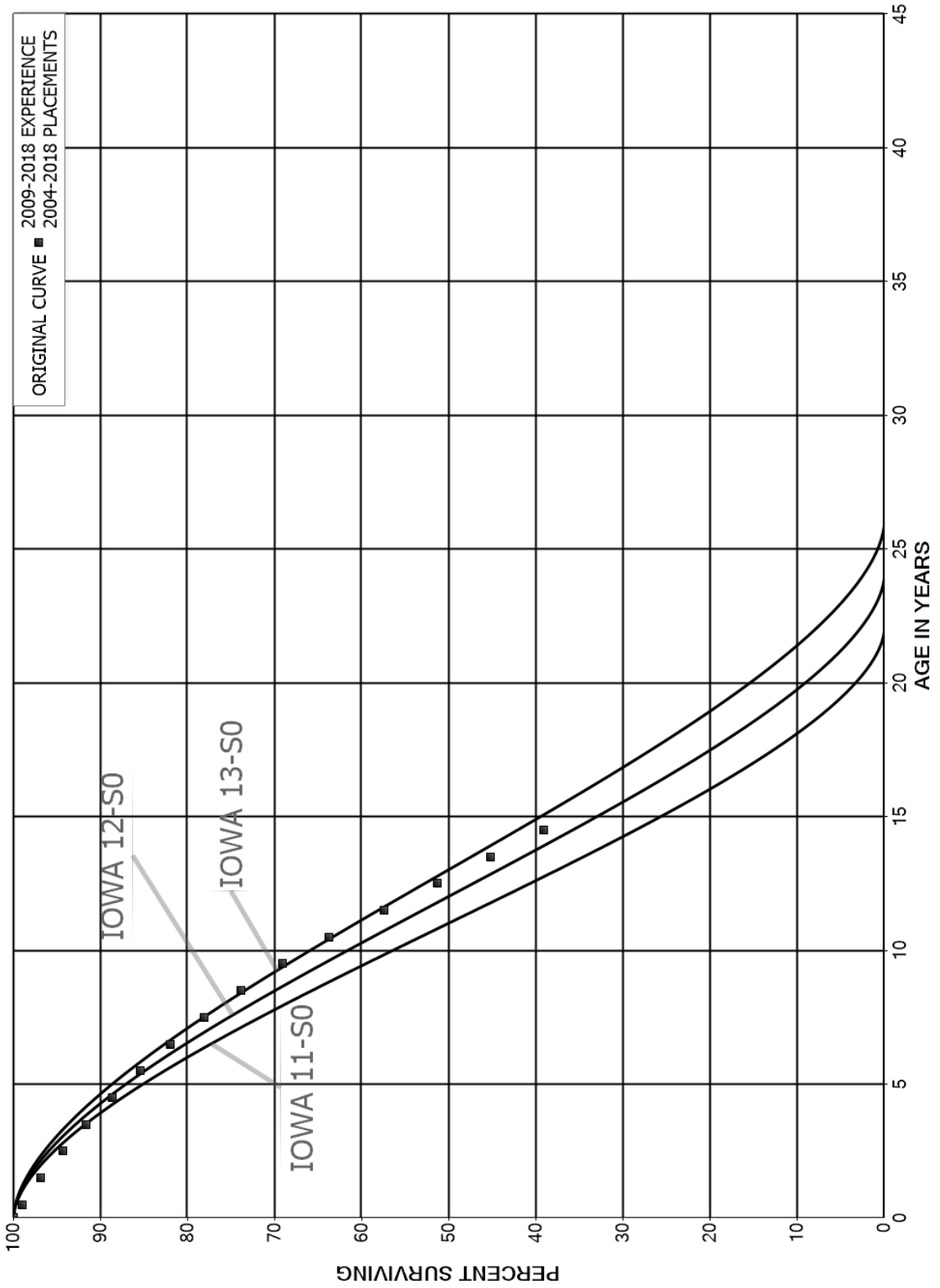


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

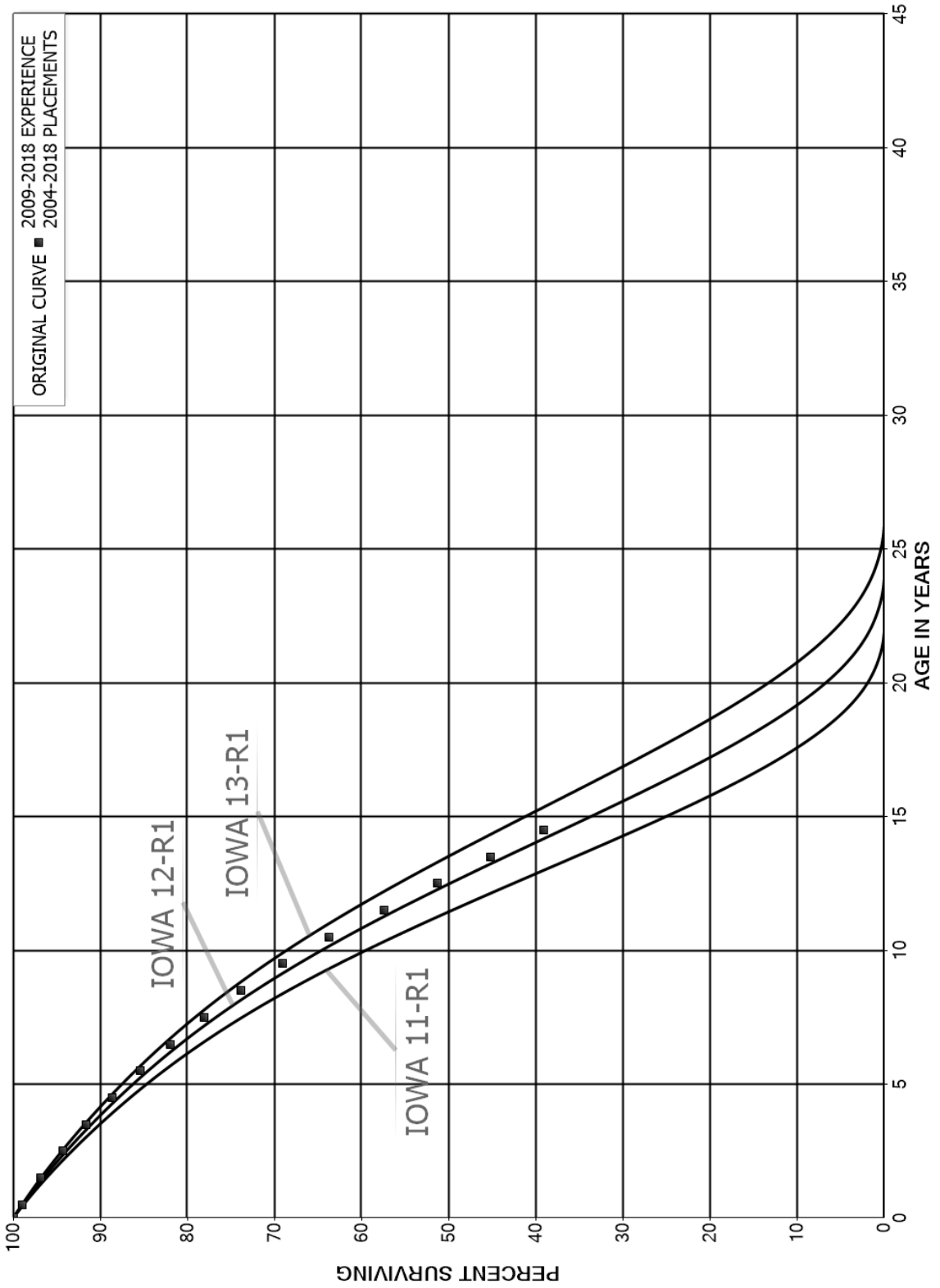
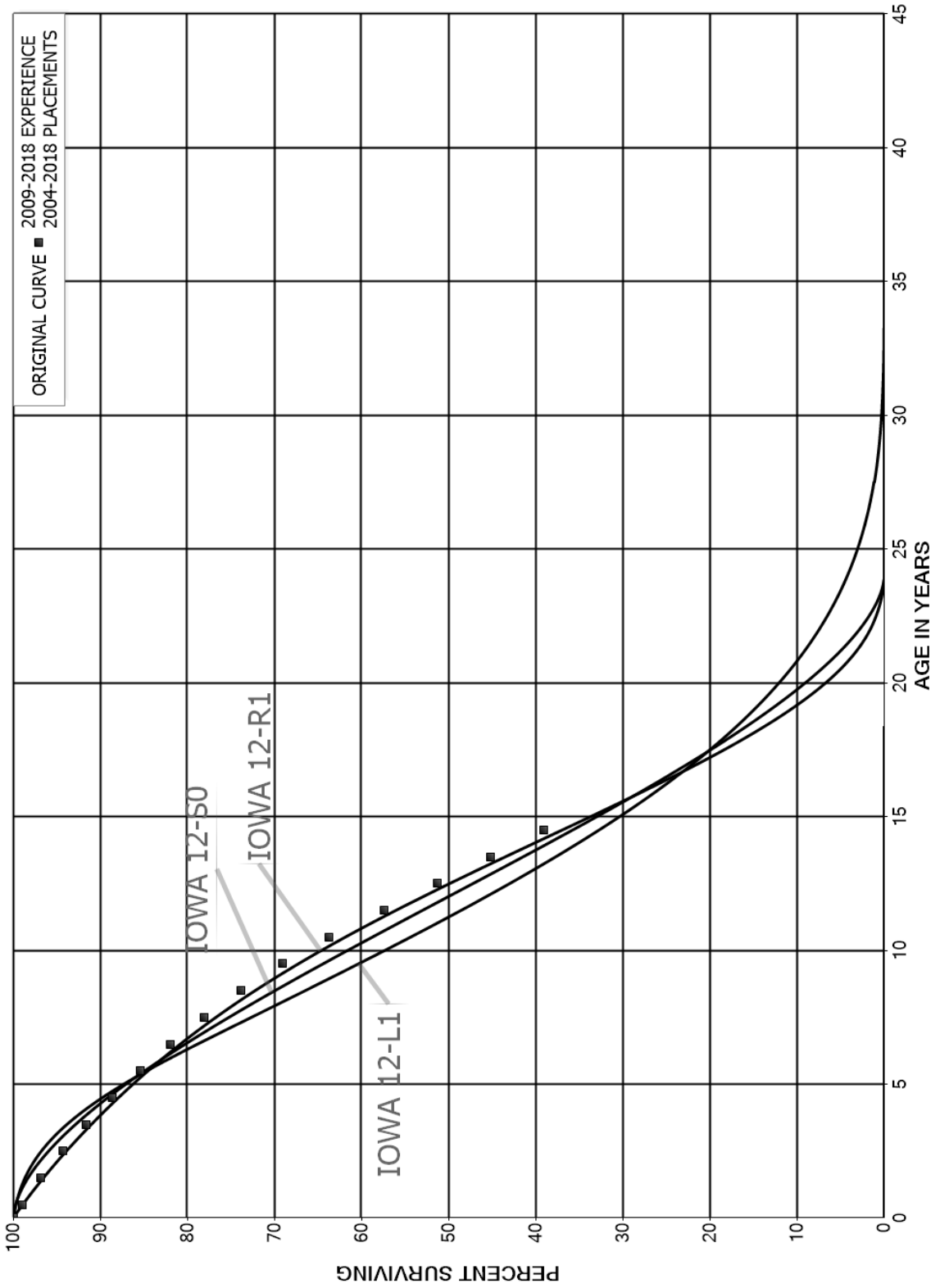


FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, S0 AND R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



PART III. SERVICE LIFE CONSIDERATIONS

PART III. SERVICE LIFE CONSIDERATIONS

FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, a field trip was conducted for the study. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during the most recent field trips.

September 30, 2019
- Berwyn Service Center
- Howell Distribution Substation
- Creamery Distribution Substation
- Wentz Distribution Substation

September 24, 2014
- Plymouth Service Center
- Plymouth Transmission Substation
- Plymouth Distribution Substation

September 26, 2014
- PECO Energy Headquarters Building – 2301 Market Street

LIFE ANALYSIS

The retirement rate method of life analysis is an actuarial method of developing survivor curves using the average rates at which property is retired from each depreciable group. The method involves the analysis of historical retirements of property of various ages, in relation to the property units exposed to retirement at those same ages. Application of this method requires an extensive compilation of historical aged retirement data as well as related plant accounting data including additions,

acquisitions, sales and transfers. Plant accounting data for the years 1975 through 2018 were available to study. The life analyses were performed using Gannett Fleming's depreciation software programs. The actuarial data may or may not produce a complete life cycle of experience. A complete life cycle is indicated by the life table reaching zero percent surviving for the last age interval shown on the life table. The curve-fitting portion of Gannett Fleming's depreciation software program matches the stub survivor curves (i.e., from the original life tables) with each member of the Iowa curve family. The curve-fitting results are based on a least squares solution of the differences between the stub curve and the Iowa curve. Survivor data developed by the actuarial analysis and set forth on the original life table are graphed and compared visually and statistically with the Iowa curves. There are two distinct steps in the estimation of service lives and retirement dispersions which must be recognized in the interpretation of the service life analysis results. The first step, life analysis, refers to the application of statistical procedures to determine life and dispersion indications based solely on past experience. The second step, life estimation, refers to the exercise of informed judgment in making sound estimates of service lives and retirement dispersions. Life estimation incorporates known historical experience, estimated historical trends and estimated future trends or events in order to define complete patterns of estimated service life characteristics. The results of the life analyses, performed as the first step, are only one of the relevant factors to be considered during the decision making process of life estimation.

LIFE ESTIMATION

The service life estimates were based on informed judgment which considered a number of factors. The primary factors were the statistical analyses of PECO's property accounting data; current Company policies and outlook as determined during conversations with engineering management and other technical subject matters

experts from the company's operations, facilities and IT departments; and the survivor curve estimates from previous studies of this company and other electric companies.

For many of the plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in reasonable indications of the survivor patterns experienced. These accounts represent 60 percent of depreciable plant including Common Plant. Generally, the information external to the statistics led to no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page VII-2.

Account No.	Account Description
ELECTRIC PLANT	
DISTRIBUTION	
364	Poles, Towers and Fixtures
365	Overhead Conductors and Devices
367	Underground Conductors and Devices
368	Line Transformers
371	Installations on Customers' Premises
COMMON PLANT	
GENERAL	
390	Structures and Improvements
392.1	Transportation Equipment – Automobiles
392.2	Transportation Equipment – Light Trucks
392.3	Transportation Equipment – Heavy Trucks
392.4	Transportation Equipment – Tractors
392.5	Transportation Equipment – Trailers
392.6	Transportation Equipment – Other Vehicles

Account 364, Poles, Towers and Fixtures is used to illustrate the manner in which the study was conducted for the accounts in the preceding list. Aged plant accounting data have been compiled for most accounts for the years 1975 through 2018. These data have been coded according to account or property group, type of transaction, year in which the transaction took place and year in which the utility plant

was placed in service. The retirements, other plant transactions and plant additions were analyzed by the retirement rate method.

The survivor curve estimate for this account is the 53-R2 and is based on the statistical indications for the period 1975-2018. Discussions with Engineering management focused on topics such as retirement causes, maintenance practices, company plans and service life outlook for the assets included in this account. Account 364 is comprised of poles, anchors, guy wires, crossarms, etc. Of the approximate 410,000 poles owned by PECO, the vast majority are wood poles. The existing survivor curve estimate for this account is the 53-R2. The company has a pole inspection program in which poles are inspected on a ten-year cycle. The pole inspection includes a test and treat program. Poles are sonically tested and borings are inspected to quantify the condition of the poles. Poles showing signs of advanced rot and decay are removed while other poles in fair condition can be treated before the pole is significantly weakened. The current pole inspection program at PECO has been in place since 2001. Some mitigation techniques are used for rot and decay particularly at the groundline. These techniques include the use of a preservative paste and fiberglass wrap around the base of the pole after the decay has been chipped away. Other techniques include the installation of a steel reinforcement rod at the base of the pole known as a C-truss. C-trusses are installed on poles that are starting to deteriorate at the base but are, otherwise, in relatively good condition. The addition of a C-truss is to provide the pole with additional support which will enhance reliability and is expected provide poles with an additional service life of 15 to 20 years. Visual inspections also are performed as part of the pole inspection program and these inspections provide

information on other problems such as damaged hardware, woodpecker holes, cracks, splits and decayed pole tops. The mitigation techniques employed by PECO can impact the service life of poles; however, the test and treat program also identifies poles for proactive replacement. Increased annual replacements are also expected in the near future as PECO works toward removing poles older than 60 years from the population. Retirements for poles typically occur due to decay, relocations, the test and treat program, vehicle accidents, storm damage, upgrades, woodpecker damage and clearance requirements. Some of these causes of retirements such as vehicle accidents, relocations, clearance requirements necessitating a taller pole, affect poles of all vintages equally while other retirement causes such as decay and inadequacy are more common to older poles.

The 53-R2 survivor curve estimate for this account takes into consideration the statistical indications for the overall experience band, 1975-2018. More recent experience bands such as the most recent 30 and 20 year band also are supportive of the 53-R2 survivor curve. The 53-R2 represents a good fit of the historical data through the representative data points, as shown on page VII-10; is consistent with management outlook for a continuation of the historical experience; is the same survivor curve as the existing, PA PUC approved estimate and is within the typical range of service lives experienced for Account 364, Poles, Towers and Fixtures by other electric companies in the mid-Atlantic and Northeast regions. Based on a consideration of these factors, a continuation of the 53-R2 survivor curve estimate is appropriate.

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity,

management's outlook for the future, and the typical range of lives used by other electric companies.

The selected amortization periods for certain other General Plant accounts are described in the section "Calculated Annual and Accrued Amortization."

Generally, the survivor curve estimates for the remainder of the accounts were based on judgments which considered the nature of the plant and equipment, a review of available historical retirement data and a general knowledge of the service lives for similar equipment in other electric companies.

For Account 362, Station Equipment, the historical data indicated service lives of 70 years or more for the overall experience band 1975-2018. More recent experience bands indicated service lives of 80 years or more. These results were well beyond what is typically experienced for this account and well beyond the expectations of the company's engineering management. This account includes equipment and devices typically found in a substation yard. Some of the assets in this account include power transformers, circuit breakers, relays, busbar and supporting structures, etc. Based on discussions with engineering conducted during our management meeting and field review, a range of service lives were determined for the major equipment types within this account as follows: 45 to 55 years for power transformers; 40 to 50 years for circuit breakers; 50 years for electromechanical relays, 25 years for solid state relays; 50 years or more for busbar, and supporting structures. The survivor curve estimate for Account 362, Station Equipment is the 53-R3 and is based primarily on informed judgment with consideration of all relevant factors.

PART IV. NET SALVAGE CONSIDERATIONS

PART IV. NET SALVAGE CONSIDERATIONS

Net Salvage Considerations

Inasmuch as this report relates primarily to Pennsylvania rate regulation practices, under which experienced costs of negative net salvage (i.e., primarily removal costs) are amortized after their occurrence, no adjustments for expected salvage were made to either the annual depreciation accrual or the calculated accrued depreciation for individual accounts. The annual provision for recovering negative net salvage in Pennsylvania typically is based on the amortization of experienced net salvage over a five year period. However, PECO had requested in their 1989 rate case (Docket R-891364) to amortize experienced negative net salvage over the account's remaining life. The Pennsylvania Public Utility Commission (PA PUC) granted PECO's request and the company has been utilizing this method since 1989.

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

GROUP DEPRECIATION PROCEDURES

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a $1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1{,}000}{(4 + 6)} = \$100 \text{ per year.}$$

The accrued depreciation is:

$$\$1{,}000 \left(1 - \frac{6}{10}\right) = \$400.$$

Remaining Life Annual Accruals

For the purpose of calculating remaining life accruals as of December 31, 2018, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of December 31, 2018, are set forth in the Results of Study section of the report.

Average Service Life Procedure

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

$$Ratio = 1 - \frac{Average\ Remaining\ Life}{Average\ Service\ Life}.$$

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization period and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is proposed for a number of accounts that represent numerous units of property, but a very small portion of depreciable utility plant in service. The accounts and their amortization periods are as follows:

ACCT	TITLE	AMORTIZATION PERIOD, YEARS
Electric		
391,	Office Furniture and Equipment	
391.1	Office Machines	10
391.2	Furniture and Fixtures	15
391.3	Computers	5
391.4	Smart Meter Computer Equipment	5
393,	Stores Equipment	15
394,	Tools, Shop and Garage Equipment	15
395.1,	Laboratory Equipment - Testing	20
395.2,	Laboratory Equipment - Meters	15
398,	Miscellaneous Equipment	15

ACCT	TITLE	AMORTIZATION PERIOD, YEARS
Common		
391,	Office Furniture and Equipment	
391.1	Office Machines	10
391.2	Furniture and Fixtures	15
391.3	Computers	5
393,	Stores Equipment	15
394,	Tools, Shop and Garage Equipment	
394.1,	Construction Tools	15
394.2,	Common Tools	15
394.3,	Garage Equipment	20
398,	Miscellaneous Equipment	15

For the purpose of calculating annual amortization amounts as of December 31, 2018, the book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

PART VI. RESULTS OF STUDY

PART VI. RESULTS OF STUDY

QUALIFICATION OF RESULTS

The calculated annual accrual rates and amounts resulting from an updated service life study are the principal results of this report. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions. The annual depreciation accrual rates are applicable specifically to the electric and common plant in service as of December 31, 2018.

DESCRIPTION OF DETAILED TABULATIONS

Tables 1 and 2 present summary results of the study as applied to the original cost of electric and common plant respectively, at December 31, 2018. The summary schedules for each business division are presented on pages VI-4 and VI-5 of this report.

The service life estimates were based on judgment that incorporated statistical analysis of retirement data, discussions with management and consideration of estimates made for other electric utilities. The results of the statistical analysis of service life are presented in the section beginning on page VII-2, within the supporting documents of this report.

For each depreciable group analyzed by the retirement rate method, a chart depicting the original and estimated survivor curves followed by a tabular presentation of the original life table(s) plotted on the chart. The survivor curves estimated for the depreciable groups are shown as dark smooth curves on the charts. Each smooth

survivor curve is denoted by a numeral followed by the curve type designation. The numeral used is the average life derived from the entire curve from 100 percent to zero percent surviving. The titles of the chart indicate the group, the symbol used to plot the points of the original life table, and the experience and placement bands of the life tables which where plotted. The experience band indicates the range of years for which retirements were used to develop the stub survivor curve. The placements indicate, for the related experience band, the range of years of installations which appear in the experience.

The tables of the calculated annual depreciation applicable to depreciable assets as of December 31, 2018 are presented in account sequence starting on page VIII-2 of the supporting documents. The tables indicate the estimated survivor curve for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life, and the calculated annual accrual amount.

PECO ENERGY COMPANY
ELECTRIC PLANT

TABLE 1. ESTIMATED SURVIVOR CURVES, ORIGINAL COST, BOOK RESERVE AND
CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AT DECEMBER 31, 2018

ACCOUNT		SURVIVOR CURVE	ORIGINAL COST AT 12/31/2018	BOOK RESERVE AT 12/31/2018	FUTURE ACCRUALS (NET PLANT)	COMPOSITE REMAINING LIFE	CALCULATED ANNUAL ACCRUAL AMOUNT	RATE (%) GROSS PLANT	RATE (%) NET PLANT
(1)		(2)	(3)	(4)	(5)=(3)-(4)	(6)	(7)	(8)=(7)/(3)	(9)=(7)/(5)
DEPRECIABLE PLANT									
DISTRIBUTION PLANT									
361	STRUCTURES AND IMPROVEMENTS	50 - R2.5	131,923,250	38,895,666	93,027,584	37.8	2,458,965	1.86	2.64
362	STATION EQUIPMENT	53 - R3	1,063,088,348	447,064,719	616,023,629	37.2	16,545,067	1.56	2.69
364	POLES, TOWERS AND FIXTURES	53 - R2	734,955,658	151,904,383	583,051,275	37.7	15,458,780	2.10	2.65
365	OVERHEAD CONDUCTORS AND DEVICES	52 - R2.5	1,266,604,582	271,957,577	994,647,005	37.6	26,486,255	2.09	2.66
366	UNDERGROUND CONDUIT	70 - R4	431,326,278	161,824,220	269,502,058	49.8	5,415,396	1.26	2.01
367	UNDERGROUND CONDUCTORS AND DEVICES	54 - S0.5	1,243,010,861	199,183,945	1,043,826,916	40.3	25,882,981	2.08	2.48
368	LINE TRANSFORMERS	47 - R1.5	602,928,338	188,592,017	414,336,321	33.2	12,484,325	2.07	3.01
369.1	SERVICES - AERIAL	53 - R4	153,909,691	53,375,212	100,534,479	36.3	2,770,502	1.80	2.76
369.2	SERVICES - UNDERGROUND	55 - R3	265,081,148	107,811,221	157,269,927	32.6	4,825,132	1.82	3.07
370.1	METER TRANSFORMERS	35 - R2	2,783,221	290,726	2,492,495	32.3	77,188	2.77	3.10
370.2	SMART METERS	15 - S2	305,275,591	96,785,355	208,490,236	10.4	20,012,793	6.56	9.60
371	INSTALLATIONS ON CUSTOMERS' PREMISES	36 - R4	1,030,123	952,878	77,245	16.4	4,716	0.46	6.11
373	STREET LIGHTING AND SIGNAL SYSTEMS	24 - L0	59,869,600	28,744,054	31,125,546	17.2	1,813,386	3.03	5.83
TOTAL DISTRIBUTION PLANT			**6,261,786,689**	**1,747,381,973**	**4,514,404,716**		**134,235,486**	**2.14**	**2.97**
GENERAL PLANT									
390	STRUCTURES AND IMPROVEMENTS	45 - S0	49,393,587	11,771,540	37,622,047	29.9	1,260,055	2.55	3.35
391.1	OFFICE FURNITURE AND EQUIPMENT - OFFICE MACHINES	10 - SQ	83,461	56,913	26,548	2.5	10,619	12.72	40.00
391.2	OFFICE FURNITURE AND EQUIPMENT - FURNITURE AND FIXTURES	15 - SQ	509,566	113,111	396,455	10.7	37,008	7.26	9.33
391.3	OFFICE FURNITURE AND EQUIPMENT - COMPUTERS	5 - SQ	22,992,598	7,539,039	15,453,559	3.7	4,204,772	18.29	27.21
391.4	OFFICE FURNITURE AND EQUIPMENT - SMART METER COMP. EQUIP.	5 - SQ	2,902,801	1,901,872	1,000,929	1.2	858,014	29.56	85.72
393	STORES EQUIPMENT	15 - SQ	46,470	6,982	39,488	9.2	4,297	9.25	10.88
394	TOOLS, SHOP AND GARAGE EQUIPMENT	15 - SQ	34,588,353	10,806,819	23,781,534	8.7	2,735,930	7.91	11.50
395.1	LABORATORY EQUIPMENT - TESTING	20 - SQ	311,026	214,531	96,495	6.8	14,228	4.57	14.74
395.2	LABORATORY EQUIPMENT - METERS	15 - SQ	101,381	75,266	26,115	3.5	7,461	7.36	28.57
397	COMMUNICATION EQUIPMENT	20 - L3	125,639,704	29,840,526	95,799,178	14.4	6,671,322	5.31	6.96
397.1	COMMUNICATION EQUIPMENT - SMART METERS	15 - S2	35,480,218	12,177,653	23,302,565	9.4	2,473,509	6.97	10.61
398	MISCELLANEOUS EQUIPMENT	15 - SQ	652,694	590,273	62,421	1.1	57,316	8.78	91.82
TOTAL GENERAL PLANT			**272,701,859**	**75,094,525**	**197,607,334**		**18,334,531**	**6.72**	**9.28**
TOTAL DEPRECIABLE PLANT			**6,534,488,548**	**1,822,476,498**	**4,712,012,050**		**152,570,017**		
NONDEPRECIABLE AND ACCOUNTS NOT STUDIED									
	TRANSMISSION PLANT (DEPRECIABLE)		1,548,649,512	507,904,458					
121	NON-UTILITY PROPERTY		11,837,171	1,800,839					
302	FRANCHISES AND CONSENTS		162,934	0					
303	MISCELLANEOUS INTANGIBLE PLANT*		162,783,557	110,985,499					
350	LAND AND LAND RIGHTS		62,970,795	0					
359.1	TRANSMISSION ARO COSTS		1,728	(405)					
360	LAND AND LAND RIGHTS		50,690,142	0					
370	METERS (AMR)		6,115	0					
371.1	INSTALLATIONS ON CUSTOMERS' PREMISES - DLC SWITCHES		12,742,260	6,157,542					
374	DISTRIBUTION ARO COSTS		2,021,740	2,186,839					
389	LAND AND LAND RIGHTS		1,063,459	0					
399.1	GENERAL ARO COSTS		1,656,099	347,666					
TOTAL NONDEPRECIABLE AND ACCOUNTS NOT STUDIED			**1,854,585,512**	**629,382,438**					
TOTAL ELECTRIC PLANT			**8,389,074,060**	**2,451,858,936**					

* Miscellaneous Intangible Plant is individually depreciated over 5 years.

PECO ENERGY COMPANY
COMMON PLANT

TABLE 2. ESTIMATED SURVIVOR CURVES, ORIGINAL COST, BOOK RESERVE AND
CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO COMMON PLANT AT DECEMBER 31, 2018

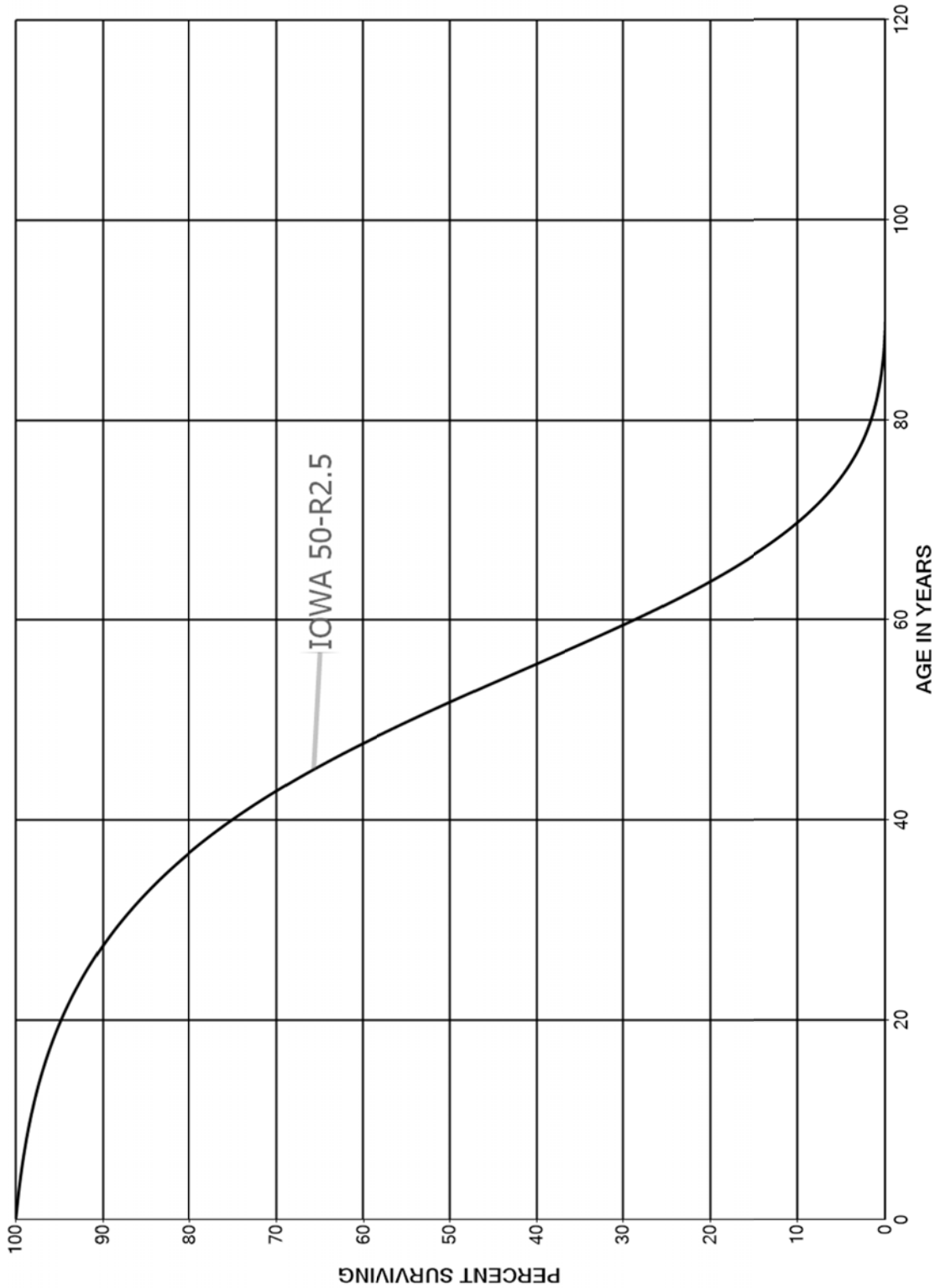
ACCOUNT		SURVIVOR CURVE	ORIGINAL COST AT 12/31/2018	BOOK RESERVE AT 12/31/2018	FUTURE ACCRUALS (NET PLANT)	COMPOSITE REMAINING LIFE	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE (%) GROSS PLANT	CALCULATED ANNUAL ACCRUAL RATE (%) NET PLANT
(1)		(2)	(3)	(4)	(5)=(3)-(4)	(6)	(7)	(8)=(7)/(3)	(9)=(7)/(5)
DEPRECIABLE PLANT									
GENERAL PLANT									
390	STRUCTURES AND IMPROVEMENTS	55 - R1	276,613,564	77,358,711	199,254,853	41.6	4,788,193	1.73	2.40
391.1	OFFICE FURNITURE AND EQUIPMENT - OFFICE MACHINES	10 - SQ	90,318	57,791	32,527	1.5	21,651	23.97	66.56
391.2	OFFICE FURNITURE AND EQUIPMENT - FURNITURE AND FIXTURES	15 - SQ	15,732,611	3,417,635	12,314,976	9.4	1,316,353	8.37	10.69
391.3	OFFICE FURNITURE AND EQUIPMENT - COMPUTERS	5 - SQ	31,957,627	14,117,570	17,840,057	2.8	6,385,877	19.98	35.80
392.1	TRANSPORTATION EQUIPMENT - AUTOMOBILES	6 - L3	93,640	92,857	783	4.5	173	0.18	22.09
392.2	TRANSPORTATION EQUIPMENT - LIGHT TRUCKS	12 - S4	33,344,723	16,446,700	16,898,023	8.4	2,003,546	6.01	11.86
392.3	TRANSPORTATION EQUIPMENT - HEAVY TRUCKS	14 - R4	79,052,417	35,954,218	43,098,199	8.7	4,976,258	6.29	11.55
392.4	TRANSPORTATION EQUIPMENT - TRACTORS	11 - L2	279,351	281,544	(2,193)	-	0	-	-
392.5	TRANSPORTATION EQUIPMENT - TRAILERS	14 - L1.5	4,929,447	2,426,502	2,502,945	10.7	233,008	4.73	9.31
392.6	TRANSPORTATION EQUIPMENT - OTHER VEHICLES	15 - L2	5,071,551	3,836,237	1,235,314	8.4	146,459	2.89	11.86
392.7	TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS	8 - L4	8,909,932	827,531	8,082,401	7.3	1,110,706	12.47	13.74
393	STORES EQUIPMENT	15 - SQ	1,237,256	298,787	938,469	6.9	136,517	11.03	14.55
394.1	TOOLS, SHOP AND GARAGE EQUIPMENT - CONSTRUCTION TOOLS	15 - SQ	11,617	(31,889)	43,506	3.5	12,430	107.00	28.57
394.2	TOOLS, SHOP AND GARAGE EQUIPMENT - COMMON TOOLS	15 - SQ	1,031,452	54,001	977,451	13.7	71,451	6.93	7.31
394.3	TOOLS, SHOP AND GARAGE EQUIPMENT - GARAGE EQUIPMENT	20 - SQ	2,676,683	1,525,126	1,151,557	8.4	136,317	5.09	11.84
396	POWER OPERATED EQUIPMENT	12 - R1.5	185,066	181,409	3,657	2.2	1,701	0.92	46.51
397	COMMUNICATION EQUIPMENT	20 - L3	50,308,247	17,760,487	32,547,760	12.6	2,580,891	5.13	7.93
398	MISCELLANEOUS EQUIPMENT	15 - SQ	1,198,075	481,813	716,262	8.0	89,678	7.49	12.52
TOTAL GENERAL PLANT			**512,723,577**	**175,087,030**	**337,636,547**		**24,011,209**	**4.68**	**7.11**
TOTAL DEPRECIABLE PLANT			**512,723,577**	**175,087,030**	**337,636,547**		**24,011,209**		
NONDEPRECIABLE AND ACCOUNTS NOT STUDIED									
301	ORGANIZATION		677,136	0					
303	MISCELLANEOUS INTANGIBLE PLANT*		234,459,058	192,457,953					
389	LAND AND LAND RIGHTS		6,783,056	0					
399.1	GENERAL ARO COSTS		1,018,150	(355,373)					
TOTAL NONDEPRECIABLE AND ACCOUNTS NOT STUDIED			**242,937,400**	**192,102,580**					
TOTAL COMMON PLANT			**755,660,977**	**367,189,610**					

* Miscellaneous Intangible Plant is individually depreciated over 5 years.

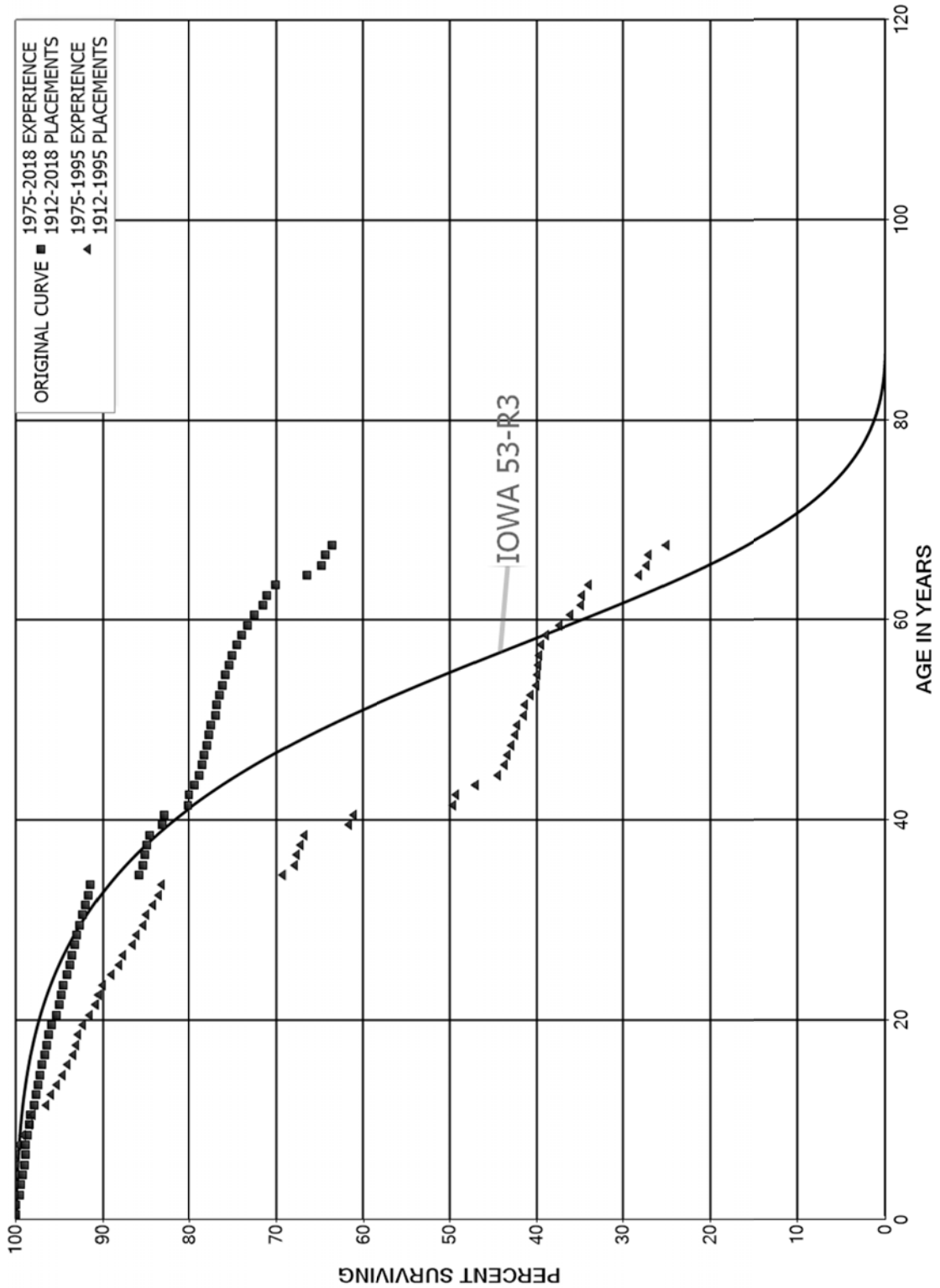
PART VII. SERVICE LIFE STATISTICS

ELECTRIC PLANT

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 361 STRUCTURES AND IMPROVEMENTS
SMOOTH SURVIVOR CURVE



PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 362 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1912-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	895,283,645	29,931	0.0000	1.0000	100.00
0.5	874,578,043	807,225	0.0009	0.9991	100.00
1.5	832,224,239	3,123,428	0.0038	0.9962	99.90
2.5	801,799,909	764,129	0.0010	0.9990	99.53
3.5	778,953,866	2,142,803	0.0028	0.9972	99.43
4.5	765,413,049	1,612,043	0.0021	0.9979	99.16
5.5	767,492,326	587,432	0.0008	0.9992	98.95
6.5	768,022,953	689,420	0.0009	0.9991	98.88
7.5	725,898,751	1,235,451	0.0017	0.9983	98.79
8.5	701,299,891	1,434,655	0.0020	0.9980	98.62
9.5	675,270,633	872,892	0.0013	0.9987	98.42
10.5	639,749,067	2,804,405	0.0044	0.9956	98.29
11.5	610,961,277	1,737,686	0.0028	0.9972	97.86
12.5	581,744,070	1,147,806	0.0020	0.9980	97.58
13.5	577,092,992	1,344,464	0.0023	0.9977	97.39
14.5	565,836,163	1,263,389	0.0022	0.9978	97.16
15.5	553,133,683	1,617,867	0.0029	0.9971	96.95
16.5	550,932,642	1,405,177	0.0026	0.9974	96.66
17.5	519,407,326	1,528,162	0.0029	0.9971	96.41
18.5	514,437,605	1,299,644	0.0025	0.9975	96.13
19.5	504,487,425	3,092,209	0.0061	0.9939	95.89
20.5	471,604,003	1,472,358	0.0031	0.9969	95.30
21.5	467,620,504	1,305,003	0.0028	0.9972	95.00
22.5	450,221,081	1,239,777	0.0028	0.9972	94.74
23.5	436,520,785	1,919,715	0.0044	0.9956	94.48
24.5	429,866,158	1,486,348	0.0035	0.9965	94.06
25.5	417,451,635	807,951	0.0019	0.9981	93.74
26.5	384,944,946	1,755,139	0.0046	0.9954	93.55
27.5	363,576,874	756,124	0.0021	0.9979	93.13
28.5	325,182,998	1,031,482	0.0032	0.9968	92.93
29.5	295,601,427	1,028,702	0.0035	0.9965	92.64
30.5	271,742,019	989,079	0.0036	0.9964	92.32
31.5	255,793,470	1,106,445	0.0043	0.9957	91.98
32.5	254,019,690	523,843	0.0021	0.9979	91.58
33.5	247,349,227	14,934,524	0.0604	0.9396	91.39
34.5	224,837,801	1,396,568	0.0062	0.9938	85.88
35.5	219,497,211	557,610	0.0025	0.9975	85.34
36.5	217,503,970	601,155	0.0028	0.9972	85.13
37.5	212,415,319	611,740	0.0029	0.9971	84.89
38.5	209,411,211	3,723,144	0.0178	0.9822	84.65

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1912-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	202,012,979	571,447	0.0028	0.9972	83.14
40.5	200,157,042	6,500,351	0.0325	0.9675	82.91
41.5	190,987,533	448,311	0.0023	0.9977	80.21
42.5	191,872,992	1,454,722	0.0076	0.9924	80.03
43.5	182,782,621	1,358,863	0.0074	0.9926	79.42
44.5	166,820,159	634,716	0.0038	0.9962	78.83
45.5	159,758,892	418,739	0.0026	0.9974	78.53
46.5	144,407,817	578,300	0.0040	0.9960	78.32
47.5	128,478,391	519,723	0.0040	0.9960	78.01
48.5	116,735,143	328,243	0.0028	0.9972	77.69
49.5	101,938,362	708,099	0.0069	0.9931	77.48
50.5	96,026,739	162,693	0.0017	0.9983	76.94
51.5	89,992,835	364,325	0.0040	0.9960	76.81
52.5	85,939,965	360,672	0.0042	0.9958	76.50
53.5	82,180,957	411,449	0.0050	0.9950	76.17
54.5	77,671,585	447,849	0.0058	0.9942	75.79
55.5	72,040,036	260,305	0.0036	0.9964	75.36
56.5	68,496,610	559,793	0.0082	0.9918	75.08
57.5	62,526,261	472,673	0.0076	0.9924	74.47
58.5	56,709,046	488,653	0.0086	0.9914	73.91
59.5	51,314,296	561,915	0.0110	0.9890	73.27
60.5	45,089,180	622,261	0.0138	0.9862	72.47
61.5	40,333,701	229,613	0.0057	0.9943	71.47
62.5	34,853,025	493,231	0.0142	0.9858	71.06
63.5	31,492,606	1,601,735	0.0509	0.9491	70.06
64.5	26,068,081	658,762	0.0253	0.9747	66.49
65.5	21,593,049	127,386	0.0059	0.9941	64.81
66.5	20,218,329	250,129	0.0124	0.9876	64.43
67.5	18,173,400	117,578	0.0065	0.9935	63.63
68.5	16,327,057	264,626	0.0162	0.9838	63.22
69.5	14,553,913	221,354	0.0152	0.9848	62.20
70.5	13,667,543	80,059	0.0059	0.9941	61.25
71.5	9,532,731	37,449	0.0039	0.9961	60.89
72.5	9,326,071	25,895	0.0028	0.9972	60.65
73.5	8,421,301	53,390	0.0063	0.9937	60.48
74.5	8,018,039	6,459	0.0008	0.9992	60.10
75.5	7,769,754	10,376	0.0013	0.9987	60.05
76.5	6,609,373	37,087	0.0056	0.9944	59.97
77.5	6,417,754	5,441	0.0008	0.9992	59.64
78.5	6,332,251	150,559	0.0238	0.9762	59.58

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1912-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	6,117,786	33,704	0.0055	0.9945	58.17
80.5	6,049,025	76,057	0.0126	0.9874	57.85
81.5	5,951,621	89,423	0.0150	0.9850	57.12
82.5	5,861,432	108,978	0.0186	0.9814	56.26
83.5	5,752,454	17,557	0.0031	0.9969	55.22
84.5	5,734,882	376,921	0.0657	0.9343	55.05
85.5	5,351,539	5,685	0.0011	0.9989	51.43
86.5	3,624,528	14,025	0.0039	0.9961	51.37
87.5	3,392,531	72,485	0.0214	0.9786	51.18
88.5	3,100,231	11,424	0.0037	0.9963	50.08
89.5	2,049,199	124,266	0.0606	0.9394	49.90
90.5	1,869,372	13,747	0.0074	0.9926	46.87
91.5	1,824,102	11,518	0.0063	0.9937	46.53
92.5	1,740,960	12,886	0.0074	0.9926	46.23
93.5	1,473,693	274	0.0002	0.9998	45.89
94.5	787,379	2,291	0.0029	0.9971	45.88
95.5	88,041	5,298	0.0602	0.9398	45.75
96.5	78,751	92	0.0012	0.9988	43.00
97.5	76,392	749	0.0098	0.9902	42.95
98.5	22,316	37	0.0017	0.9983	42.53
99.5	21,867	3	0.0001	0.9999	42.46
100.5	21,864	162	0.0074	0.9926	42.45
101.5	19,748	24	0.0012	0.9988	42.14
102.5					42.09

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1912-1995 EXPERIENCE BAND 1975-1995

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	277,640,124		0.0000	1.0000	100.00
0.5	278,932,497	84,948	0.0003	0.9997	100.00
1.5	280,541,278	57,795	0.0002	0.9998	99.97
2.5	270,115,781	92,854	0.0003	0.9997	99.95
3.5	254,221,628	77,280	0.0003	0.9997	99.91
4.5	243,303,255	149,747	0.0006	0.9994	99.88
5.5	221,866,727	83,392	0.0004	0.9996	99.82
6.5	200,643,697	309,360	0.0015	0.9985	99.79
7.5	181,324,760	1,027,371	0.0057	0.9943	99.63
8.5	170,149,829	1,273,330	0.0075	0.9925	99.07
9.5	164,510,302	569,131	0.0035	0.9965	98.33
10.5	162,501,583	2,691,546	0.0166	0.9834	97.99
11.5	158,146,298	890,882	0.0056	0.9944	96.36
12.5	157,913,532	1,010,870	0.0064	0.9936	95.82
13.5	162,041,288	1,153,787	0.0071	0.9929	95.21
14.5	162,916,818	977,600	0.0060	0.9940	94.53
15.5	164,649,163	1,151,270	0.0070	0.9930	93.96
16.5	166,285,503	622,308	0.0037	0.9963	93.30
17.5	169,426,196	395,756	0.0023	0.9977	92.95
18.5	173,354,054	1,061,265	0.0061	0.9939	92.74
19.5	176,385,381	1,439,529	0.0082	0.9918	92.17
20.5	170,899,076	1,192,777	0.0070	0.9930	91.42
21.5	159,017,250	754,631	0.0047	0.9953	90.78
22.5	152,318,574	616,007	0.0040	0.9960	90.35
23.5	137,827,455	1,663,357	0.0121	0.9879	89.98
24.5	121,972,597	1,104,238	0.0091	0.9909	88.90
25.5	126,448,751	653,737	0.0052	0.9948	88.09
26.5	112,045,216	1,465,747	0.0131	0.9869	87.64
27.5	107,319,208	547,358	0.0051	0.9949	86.49
28.5	99,984,447	855,393	0.0086	0.9914	86.05
29.5	95,925,748	375,602	0.0039	0.9961	85.31
30.5	95,621,322	846,648	0.0089	0.9911	84.98
31.5	90,574,298	733,469	0.0081	0.9919	84.23
32.5	91,556,898	398,828	0.0044	0.9956	83.55
33.5	87,821,867	14,775,943	0.1682	0.8318	83.18
34.5	67,311,717	1,313,314	0.0195	0.9805	69.19
35.5	60,526,173	218,061	0.0036	0.9964	67.84
36.5	56,414,385	375,639	0.0067	0.9933	67.59
37.5	50,211,929	336,316	0.0067	0.9933	67.14
38.5	45,667,115	3,441,734	0.0754	0.9246	66.69

PECO ENERGY COMPANY
ELECTRIC PLANT

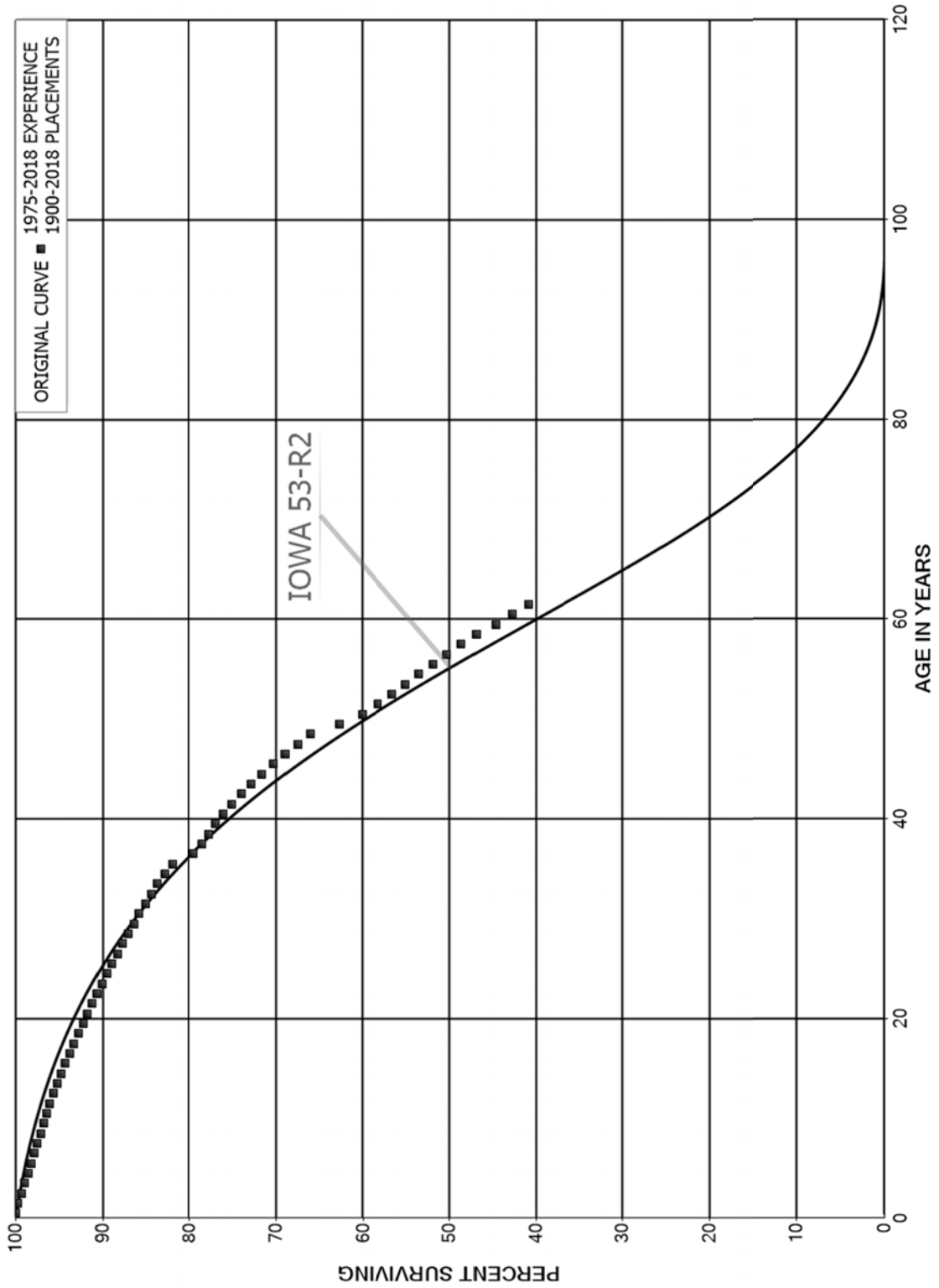
ACCOUNT 362 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1912-1995 EXPERIENCE BAND 1975-1995

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	36,807,512	345,830	0.0094	0.9906	61.67
40.5	32,948,948	6,255,467	0.1899	0.8101	61.09
41.5	22,845,178	164,450	0.0072	0.9928	49.49
42.5	20,182,939	910,630	0.0451	0.9549	49.13
43.5	19,557,753	1,053,023	0.0538	0.9462	46.92
44.5	17,133,429	291,679	0.0170	0.9830	44.39
45.5	16,221,495	112,595	0.0069	0.9931	43.63
46.5	14,743,301	165,527	0.0112	0.9888	43.33
47.5	14,041,569	132,047	0.0094	0.9906	42.84
48.5	10,367,392	53,150	0.0051	0.9949	42.44
49.5	10,884,683	211,050	0.0194	0.9806	42.22
50.5	10,746,498	23,553	0.0022	0.9978	41.41
51.5	11,384,592	185,612	0.0163	0.9837	41.31
52.5	10,945,715	175,008	0.0160	0.9840	40.64
53.5	9,407,540	32,190	0.0034	0.9966	39.99
54.5	9,236,741	27,199	0.0029	0.9971	39.85
55.5	9,569,618	23,940	0.0025	0.9975	39.74
56.5	9,438,559	51,552	0.0055	0.9945	39.64
57.5	9,320,777	150,669	0.0162	0.9838	39.42
58.5	9,124,986	342,998	0.0376	0.9624	38.78
59.5	8,781,322	331,022	0.0377	0.9623	37.33
60.5	8,450,300	270,466	0.0320	0.9680	35.92
61.5	8,193,050	42,541	0.0052	0.9948	34.77
62.5	8,051,547	165,324	0.0205	0.9795	34.59
63.5	6,102,394	1,045,180	0.1713	0.8287	33.88
64.5	4,663,267	149,009	0.0320	0.9680	28.08
65.5	4,103,354	38,964	0.0095	0.9905	27.18
66.5	3,001,726	216,325	0.0721	0.9279	26.92
67.5	2,337,157	24,926	0.0107	0.9893	24.98
68.5	2,268,053	72,108	0.0318	0.9682	24.71
69.5	1,915,645		0.0000	1.0000	23.93
70.5	1,619,702	3,578	0.0022	0.9978	23.93
71.5	894,840	9,880	0.0110	0.9890	23.88
72.5	104,497		0.0000	1.0000	23.61
73.5	93,719		0.0000	1.0000	23.61
74.5	88,313		0.0000	1.0000	23.61
75.5	24,885		0.0000	1.0000	23.61
76.5	24,176		0.0000	1.0000	23.61
77.5	24,176		0.0000	1.0000	23.61
78.5	22,213		0.0000	1.0000	23.61
79.5					23.61

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 364 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	727,946,827	583,345	0.0008	0.9992	100.00
0.5	686,597,114	1,556,474	0.0023	0.9977	99.92
1.5	658,490,280	2,972,434	0.0045	0.9955	99.69
2.5	633,507,735	2,064,664	0.0033	0.9967	99.24
3.5	607,257,110	2,413,620	0.0040	0.9960	98.92
4.5	583,785,276	1,945,062	0.0033	0.9967	98.53
5.5	566,799,102	2,147,881	0.0038	0.9962	98.20
6.5	545,394,578	2,092,378	0.0038	0.9962	97.83
7.5	518,886,152	1,931,814	0.0037	0.9963	97.45
8.5	495,725,881	1,654,270	0.0033	0.9967	97.09
9.5	446,685,550	1,564,057	0.0035	0.9965	96.76
10.5	431,927,297	1,787,817	0.0041	0.9959	96.43
11.5	431,490,329	1,798,811	0.0042	0.9958	96.03
12.5	426,649,284	2,014,782	0.0047	0.9953	95.63
13.5	411,594,205	1,990,362	0.0048	0.9952	95.17
14.5	402,498,043	1,883,396	0.0047	0.9953	94.71
15.5	374,698,839	1,957,775	0.0052	0.9948	94.27
16.5	347,846,235	1,903,331	0.0055	0.9945	93.78
17.5	309,859,104	1,773,897	0.0057	0.9943	93.27
18.5	302,416,433	1,673,602	0.0055	0.9945	92.73
19.5	281,897,749	1,607,586	0.0057	0.9943	92.22
20.5	265,983,244	1,530,970	0.0058	0.9942	91.69
21.5	252,745,649	1,498,165	0.0059	0.9941	91.16
22.5	234,930,474	1,431,503	0.0061	0.9939	90.62
23.5	224,599,197	1,434,196	0.0064	0.9936	90.07
24.5	214,548,483	1,404,167	0.0065	0.9935	89.50
25.5	200,612,105	1,387,890	0.0069	0.9931	88.91
26.5	187,485,434	1,284,342	0.0069	0.9931	88.30
27.5	177,600,362	1,235,497	0.0070	0.9930	87.69
28.5	165,368,691	1,209,094	0.0073	0.9927	87.08
29.5	151,555,455	1,130,751	0.0075	0.9925	86.44
30.5	140,406,676	1,166,841	0.0083	0.9917	85.80
31.5	127,861,008	1,044,179	0.0082	0.9918	85.09
32.5	117,891,783	997,836	0.0085	0.9915	84.39
33.5	109,337,895	1,040,148	0.0095	0.9905	83.68
34.5	102,178,655	1,082,763	0.0106	0.9894	82.88
35.5	96,725,094	2,979,198	0.0308	0.9692	82.00
36.5	89,520,151	1,076,468	0.0120	0.9880	79.48
37.5	84,732,080	839,274	0.0099	0.9901	78.52
38.5	80,707,541	881,243	0.0109	0.9891	77.74

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	76,842,476	841,984	0.0110	0.9890	76.89
40.5	72,764,471	957,386	0.0132	0.9868	76.05
41.5	68,752,157	956,959	0.0139	0.9861	75.05
42.5	65,296,565	1,052,689	0.0161	0.9839	74.01
43.5	61,708,821	1,025,247	0.0166	0.9834	72.81
44.5	56,910,457	1,046,723	0.0184	0.9816	71.60
45.5	52,923,003	1,039,806	0.0196	0.9804	70.29
46.5	49,192,706	1,000,477	0.0203	0.9797	68.91
47.5	45,501,212	957,750	0.0210	0.9790	67.50
48.5	40,620,619	2,058,235	0.0507	0.9493	66.08
49.5	34,657,750	1,457,945	0.0421	0.9579	62.74
50.5	31,006,413	954,415	0.0308	0.9692	60.10
51.5	28,830,368	790,850	0.0274	0.9726	58.25
52.5	26,659,111	737,712	0.0277	0.9723	56.65
53.5	25,978,915	756,254	0.0291	0.9709	55.08
54.5	23,195,316	727,807	0.0314	0.9686	53.48
55.5	20,482,549	620,216	0.0303	0.9697	51.80
56.5	17,853,112	559,921	0.0314	0.9686	50.23
57.5	15,003,017	544,871	0.0363	0.9637	48.66
58.5	12,535,508	604,851	0.0483	0.9517	46.89
59.5	10,383,957	437,858	0.0422	0.9578	44.63
60.5	8,202,616	369,358	0.0450	0.9550	42.74
61.5	6,728,578	350,950	0.0522	0.9478	40.82
62.5	5,265,648	288,087	0.0547	0.9453	38.69
63.5	4,169,935	185,660	0.0445	0.9555	36.57
64.5	3,327,656	161,749	0.0486	0.9514	34.95
65.5	2,876,684	193,551	0.0673	0.9327	33.25
66.5	2,683,133	203,916	0.0760	0.9240	31.01
67.5	2,147,189	133,274	0.0621	0.9379	28.65
68.5	1,799,132	97,830	0.0544	0.9456	26.87
69.5	1,465,944	77,128	0.0526	0.9474	25.41
70.5	1,195,535	55,203	0.0462	0.9538	24.08
71.5	1,040,185	43,584	0.0419	0.9581	22.96
72.5	900,902	46,827	0.0520	0.9480	22.00
73.5	773,103	48,822	0.0632	0.9368	20.86
74.5	819,583	41,263	0.0503	0.9497	19.54
75.5	723,217	120,276	0.1663	0.8337	18.56
76.5	485,771	56,702	0.1167	0.8833	15.47
77.5	429,069	22,745	0.0530	0.9470	13.67
78.5	406,324	16,416	0.0404	0.9596	12.94

PECO ENERGY COMPANY
ELECTRIC PLANT

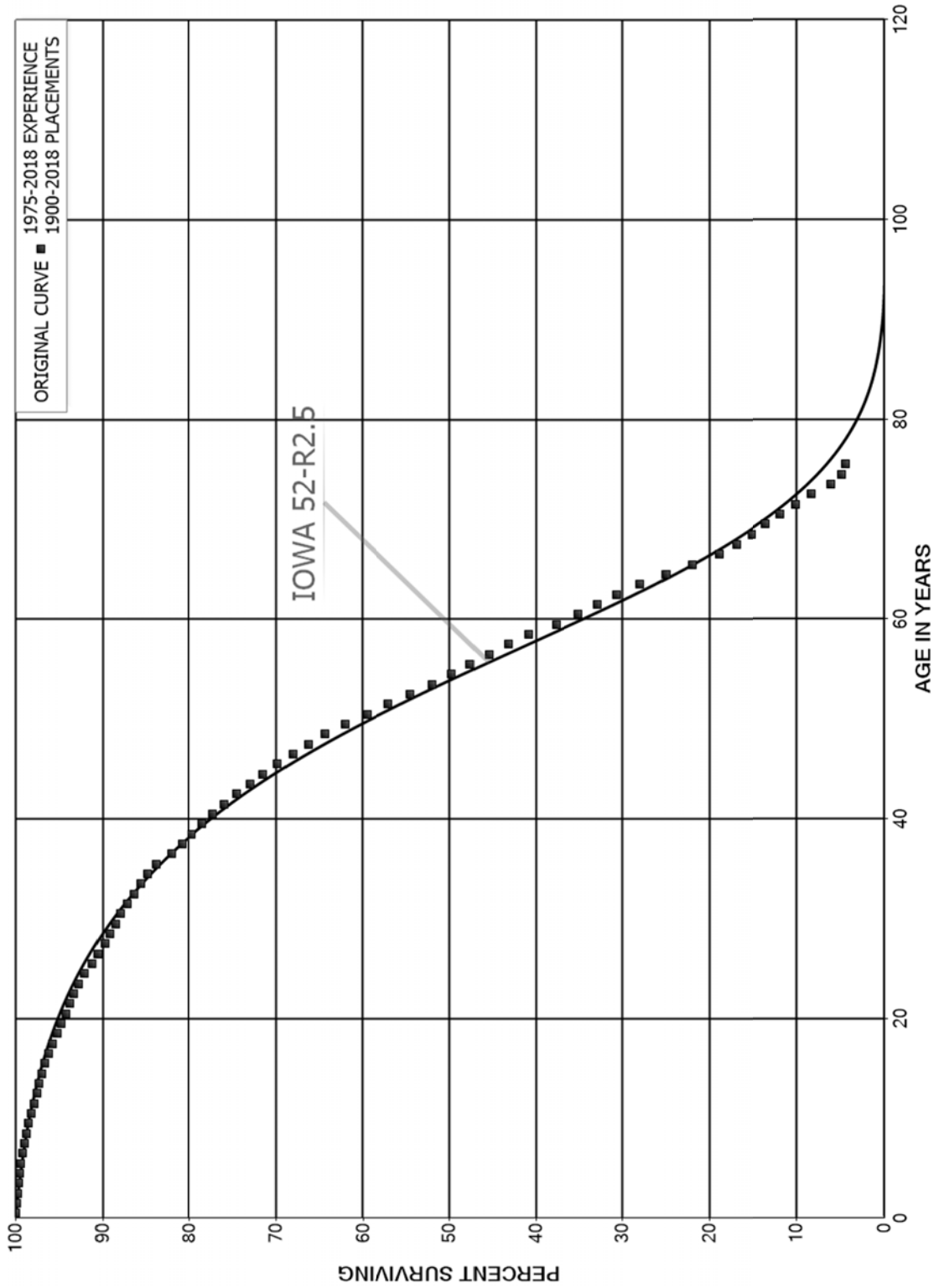
ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	386,870	14,717	0.0380	0.9620	12.42
80.5	353,995	15,106	0.0427	0.9573	11.95
81.5	330,731	14,166	0.0428	0.9572	11.44
82.5	295,932	14,677	0.0496	0.9504	10.95
83.5	263,973	11,732	0.0444	0.9556	10.40
84.5	243,802	10,536	0.0432	0.9568	9.94
85.5	226,431	7,828	0.0346	0.9654	9.51
86.5	213,797	8,267	0.0387	0.9613	9.18
87.5	198,452	5,115	0.0258	0.9742	8.83
88.5	186,315	3,443	0.0185	0.9815	8.60
89.5	175,489	655	0.0037	0.9963	8.44
90.5	168,706	8,301	0.0492	0.9508	8.41
91.5	160,405	8,306	0.0518	0.9482	8.00
92.5	152,099	22,608	0.1486	0.8514	7.58
93.5	129,491	41,534	0.3207	0.6793	6.45
94.5	87,957	74,127	0.8428	0.1572	4.38
95.5	13,830	13,830	1.0000		0.69
96.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,244,701,614	485,337	0.0004	0.9996	100.00
0.5	1,162,409,840	1,054,583	0.0009	0.9991	99.96
1.5	1,095,638,098	1,566,043	0.0014	0.9986	99.87
2.5	1,043,945,744	1,221,673	0.0012	0.9988	99.73
3.5	993,731,623	1,158,436	0.0012	0.9988	99.61
4.5	933,406,644	1,290,249	0.0014	0.9986	99.49
5.5	909,028,724	1,799,704	0.0020	0.9980	99.36
6.5	868,134,164	2,105,262	0.0024	0.9976	99.16
7.5	821,196,941	2,071,324	0.0025	0.9975	98.92
8.5	777,292,834	1,691,989	0.0022	0.9978	98.67
9.5	655,710,263	1,991,804	0.0030	0.9970	98.46
10.5	635,268,848	1,928,957	0.0030	0.9970	98.16
11.5	617,643,265	1,918,492	0.0031	0.9969	97.86
12.5	614,509,635	1,892,390	0.0031	0.9969	97.55
13.5	572,077,551	1,790,082	0.0031	0.9969	97.25
14.5	564,779,348	1,990,672	0.0035	0.9965	96.95
15.5	547,135,317	2,385,000	0.0044	0.9956	96.61
16.5	523,349,464	2,727,253	0.0052	0.9948	96.19
17.5	501,206,015	2,553,981	0.0051	0.9949	95.69
18.5	498,167,600	2,503,891	0.0050	0.9950	95.20
19.5	479,639,665	2,562,117	0.0053	0.9947	94.72
20.5	444,354,921	2,267,261	0.0051	0.9949	94.21
21.5	421,230,162	2,222,247	0.0053	0.9947	93.73
22.5	383,802,632	2,025,672	0.0053	0.9947	93.24
23.5	356,463,443	2,432,953	0.0068	0.9932	92.75
24.5	334,270,250	3,211,912	0.0096	0.9904	92.11
25.5	310,584,959	2,601,135	0.0084	0.9916	91.23
26.5	289,058,634	2,266,922	0.0078	0.9922	90.46
27.5	273,124,405	1,910,551	0.0070	0.9930	89.75
28.5	251,802,712	1,756,149	0.0070	0.9930	89.13
29.5	226,819,068	1,513,162	0.0067	0.9933	88.51
30.5	210,990,733	1,809,077	0.0086	0.9914	87.91
31.5	194,081,218	1,630,795	0.0084	0.9916	87.16
32.5	182,191,229	1,637,772	0.0090	0.9910	86.43
33.5	172,290,557	1,735,733	0.0101	0.9899	85.65
34.5	162,897,553	1,890,176	0.0116	0.9884	84.79
35.5	155,598,359	3,328,934	0.0214	0.9786	83.81
36.5	146,786,730	2,172,869	0.0148	0.9852	82.01
37.5	138,842,498	1,831,216	0.0132	0.9868	80.80
38.5	130,847,030	1,999,032	0.0153	0.9847	79.73

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	123,589,134	1,893,184	0.0153	0.9847	78.51
40.5	117,256,547	2,113,796	0.0180	0.9820	77.31
41.5	111,314,822	2,025,164	0.0182	0.9818	75.92
42.5	105,010,230	2,167,752	0.0206	0.9794	74.54
43.5	99,010,850	2,032,254	0.0205	0.9795	73.00
44.5	90,786,864	2,102,340	0.0232	0.9768	71.50
45.5	82,696,852	2,081,537	0.0252	0.9748	69.84
46.5	76,147,542	2,013,660	0.0264	0.9736	68.09
47.5	69,073,360	1,985,855	0.0287	0.9713	66.29
48.5	60,140,033	2,113,025	0.0351	0.9649	64.38
49.5	50,554,950	2,097,501	0.0415	0.9585	62.12
50.5	44,969,204	1,847,303	0.0411	0.9589	59.54
51.5	40,061,712	1,802,174	0.0450	0.9550	57.09
52.5	35,411,513	1,639,116	0.0463	0.9537	54.53
53.5	31,444,666	1,357,802	0.0432	0.9568	52.00
54.5	24,988,432	1,096,040	0.0439	0.9561	49.76
55.5	19,876,786	930,804	0.0468	0.9532	47.57
56.5	15,981,380	765,263	0.0479	0.9521	45.35
57.5	11,776,637	628,064	0.0533	0.9467	43.18
58.5	8,926,410	702,829	0.0787	0.9213	40.87
59.5	6,603,349	447,590	0.0678	0.9322	37.65
60.5	5,186,890	335,584	0.0647	0.9353	35.10
61.5	4,065,668	272,882	0.0671	0.9329	32.83
62.5	3,198,986	281,104	0.0879	0.9121	30.63
63.5	2,723,560	292,075	0.1072	0.8928	27.94
64.5	2,371,767	286,020	0.1206	0.8794	24.94
65.5	1,954,601	274,602	0.1405	0.8595	21.93
66.5	1,616,284	171,251	0.1060	0.8940	18.85
67.5	1,134,062	116,911	0.1031	0.8969	16.85
68.5	813,447	89,182	0.1096	0.8904	15.12
69.5	582,254	69,645	0.1196	0.8804	13.46
70.5	466,199	69,536	0.1492	0.8508	11.85
71.5	372,781	65,530	0.1758	0.8242	10.08
72.5	279,697	77,096	0.2756	0.7244	8.31
73.5	187,616	36,020	0.1920	0.8080	6.02
74.5	353,976	37,629	0.1063	0.8937	4.86
75.5	308,178	26,812	0.0870	0.9130	4.35
76.5	266,702	18,172	0.0681	0.9319	3.97
77.5	248,531	12,632	0.0508	0.9492	3.70
78.5	232,744	3,291	0.0141	0.9859	3.51

PECO ENERGY COMPANY
ELECTRIC PLANT

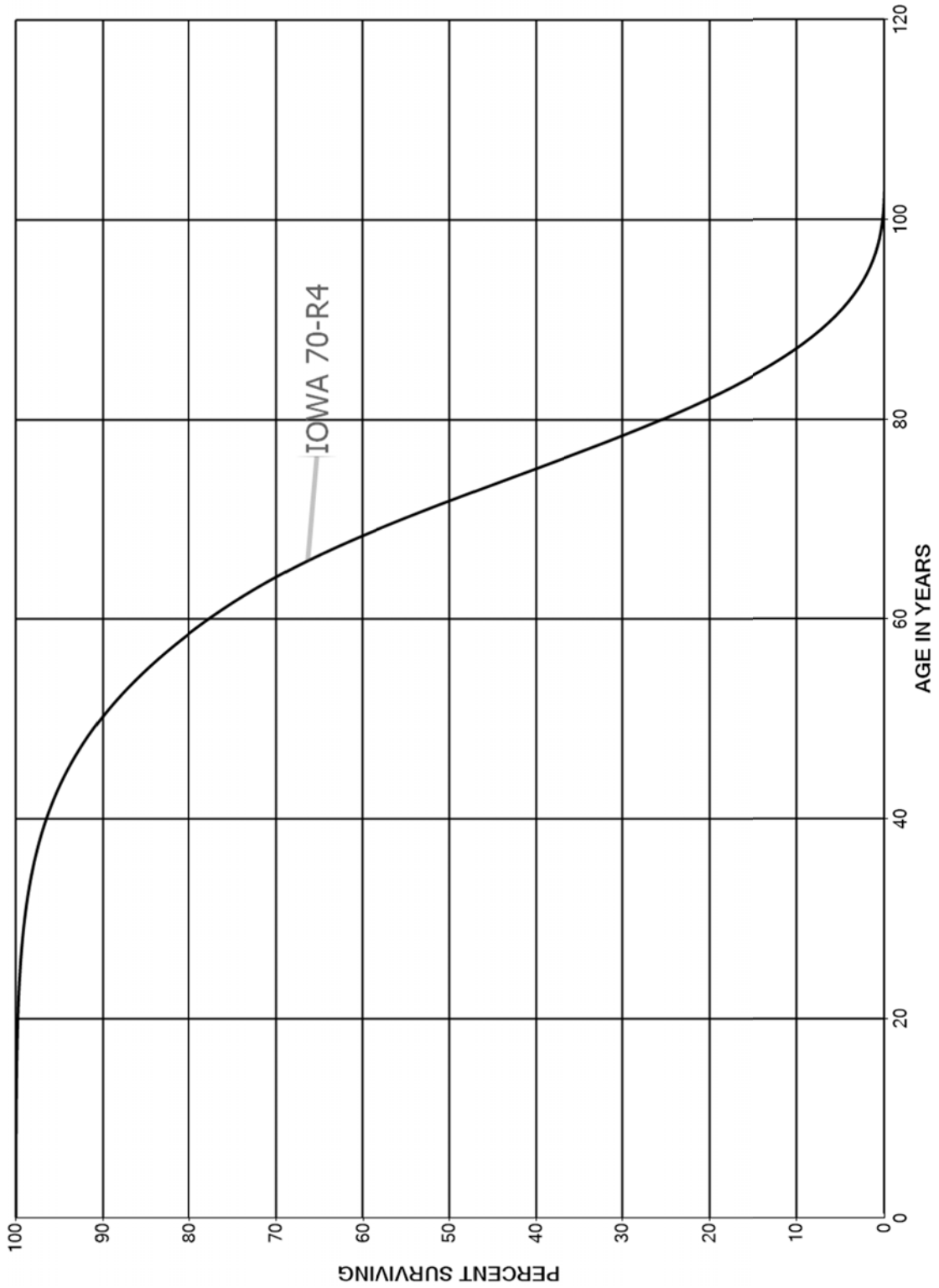
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

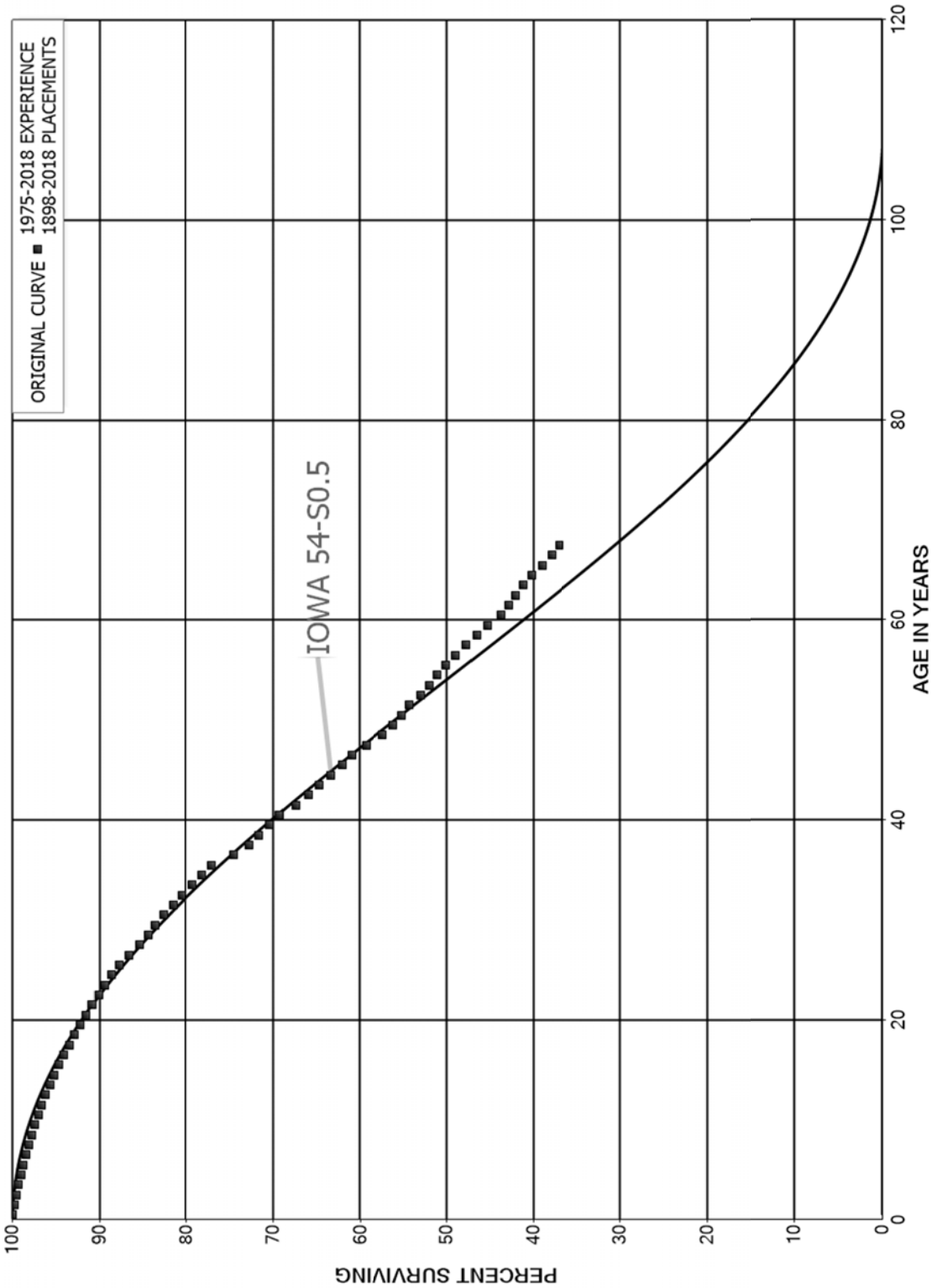
PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	222,488	2,085	0.0094	0.9906	3.46
80.5	220,045	585	0.0027	0.9973	3.43
81.5	219,284	400	0.0018	0.9982	3.42
82.5	218,792	298	0.0014	0.9986	3.41
83.5	218,426	202	0.0009	0.9991	3.41
84.5	218,041	109	0.0005	0.9995	3.40
85.5	217,825	42	0.0002	0.9998	3.40
86.5	217,756	26	0.0001	0.9999	3.40
87.5	217,678		0.0000	1.0000	3.40
88.5	217,678		0.0000	1.0000	3.40
89.5	217,678		0.0000	1.0000	3.40
90.5	217,678	48,863	0.2245	0.7755	3.40
91.5	168,814	68,569	0.4062	0.5938	2.64
92.5	100,245	11,697	0.1167	0.8833	1.57
93.5	88,548	63,964	0.7224	0.2776	1.38
94.5	24,584	24,236	0.9859	0.0141	0.38
95.5	348		0.0000	1.0000	0.01
96.5	348	348	1.0000		0.01
97.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 366 UNDERGROUND CONDUIT
SMOOTH SURVIVOR CURVE



PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1898-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,254,910,066	776,321	0.0006	0.9994	100.00
0.5	1,188,673,076	2,092,489	0.0018	0.9982	99.94
1.5	1,130,705,767	2,987,377	0.0026	0.9974	99.76
2.5	1,063,121,431	2,534,342	0.0024	0.9976	99.50
3.5	1,014,236,422	3,036,813	0.0030	0.9970	99.26
4.5	975,688,906	2,875,093	0.0029	0.9971	98.96
5.5	937,034,714	3,093,886	0.0033	0.9967	98.67
6.5	904,470,599	2,952,157	0.0033	0.9967	98.35
7.5	854,307,089	2,959,780	0.0035	0.9965	98.03
8.5	820,857,014	2,772,007	0.0034	0.9966	97.69
9.5	737,635,061	2,758,878	0.0037	0.9963	97.36
10.5	698,195,754	2,793,291	0.0040	0.9960	96.99
11.5	655,903,532	2,776,866	0.0042	0.9958	96.60
12.5	619,932,982	3,492,925	0.0056	0.9944	96.20
13.5	569,857,471	2,901,459	0.0051	0.9949	95.65
14.5	562,593,414	3,048,677	0.0054	0.9946	95.17
15.5	537,080,669	3,275,128	0.0061	0.9939	94.65
16.5	510,127,809	3,392,170	0.0066	0.9934	94.07
17.5	470,820,753	3,249,412	0.0069	0.9931	93.45
18.5	461,794,545	3,268,879	0.0071	0.9929	92.80
19.5	449,786,410	3,275,164	0.0073	0.9927	92.15
20.5	436,602,451	3,203,631	0.0073	0.9927	91.47
21.5	418,966,084	3,275,295	0.0078	0.9922	90.80
22.5	400,250,831	3,298,968	0.0082	0.9918	90.09
23.5	389,928,132	3,174,567	0.0081	0.9919	89.35
24.5	378,035,610	3,792,738	0.0100	0.9900	88.62
25.5	357,307,381	4,650,671	0.0130	0.9870	87.73
26.5	341,483,895	4,639,741	0.0136	0.9864	86.59
27.5	321,265,213	3,635,666	0.0113	0.9887	85.42
28.5	290,683,124	3,055,418	0.0105	0.9895	84.45
29.5	264,393,995	2,870,986	0.0109	0.9891	83.56
30.5	240,208,451	3,247,095	0.0135	0.9865	82.65
31.5	220,117,232	2,773,933	0.0126	0.9874	81.54
32.5	203,862,435	3,127,657	0.0153	0.9847	80.51
33.5	188,148,495	2,659,565	0.0141	0.9859	79.27
34.5	174,068,877	2,342,781	0.0135	0.9865	78.15
35.5	160,619,438	5,448,135	0.0339	0.9661	77.10
36.5	148,029,977	3,430,450	0.0232	0.9768	74.49
37.5	136,536,184	2,172,643	0.0159	0.9841	72.76
38.5	127,112,468	2,083,919	0.0164	0.9836	71.60

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1898-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	116,647,458	1,836,623	0.0157	0.9843	70.43
40.5	107,902,468	3,028,308	0.0281	0.9719	69.32
41.5	98,466,231	2,102,030	0.0213	0.9787	67.37
42.5	90,556,383	1,699,593	0.0188	0.9812	65.94
43.5	84,703,547	1,763,199	0.0208	0.9792	64.70
44.5	76,609,139	1,551,877	0.0203	0.9797	63.35
45.5	72,593,772	1,256,703	0.0173	0.9827	62.07
46.5	66,214,805	1,894,387	0.0286	0.9714	60.99
47.5	59,447,116	1,853,979	0.0312	0.9688	59.25
48.5	53,478,275	1,162,952	0.0217	0.9783	57.40
49.5	48,719,294	839,919	0.0172	0.9828	56.15
50.5	45,279,317	748,383	0.0165	0.9835	55.18
51.5	41,638,055	1,047,467	0.0252	0.9748	54.27
52.5	37,836,358	644,548	0.0170	0.9830	52.91
53.5	36,183,857	642,624	0.0178	0.9822	52.01
54.5	30,465,387	638,270	0.0210	0.9790	51.08
55.5	28,583,414	623,140	0.0218	0.9782	50.01
56.5	26,705,631	641,294	0.0240	0.9760	48.92
57.5	24,802,321	618,932	0.0250	0.9750	47.75
58.5	23,394,669	636,708	0.0272	0.9728	46.56
59.5	21,715,720	767,416	0.0353	0.9647	45.29
60.5	20,540,593	405,056	0.0197	0.9803	43.69
61.5	18,700,936	352,115	0.0188	0.9812	42.83
62.5	16,617,937	345,141	0.0208	0.9792	42.02
63.5	15,524,536	366,008	0.0236	0.9764	41.15
64.5	15,108,198	482,102	0.0319	0.9681	40.18
65.5	14,028,258	373,943	0.0267	0.9733	38.90
66.5	13,262,287	320,245	0.0241	0.9759	37.86
67.5	11,714,793	300,172	0.0256	0.9744	36.94
68.5	10,389,888	207,382	0.0200	0.9800	36.00
69.5	8,790,686	210,013	0.0239	0.9761	35.28
70.5	8,076,401	181,912	0.0225	0.9775	34.44
71.5	7,848,294	242,028	0.0308	0.9692	33.66
72.5	7,561,606	350,208	0.0463	0.9537	32.62
73.5	7,154,742	444,738	0.0622	0.9378	31.11
74.5	6,714,921	593,686	0.0884	0.9116	29.18
75.5	6,125,801	514,449	0.0840	0.9160	26.60
76.5	5,613,451	979,501	0.1745	0.8255	24.36
77.5	4,488,322	554,752	0.1236	0.8764	20.11
78.5	3,926,564	335,598	0.0855	0.9145	17.63

PECO ENERGY COMPANY
ELECTRIC PLANT

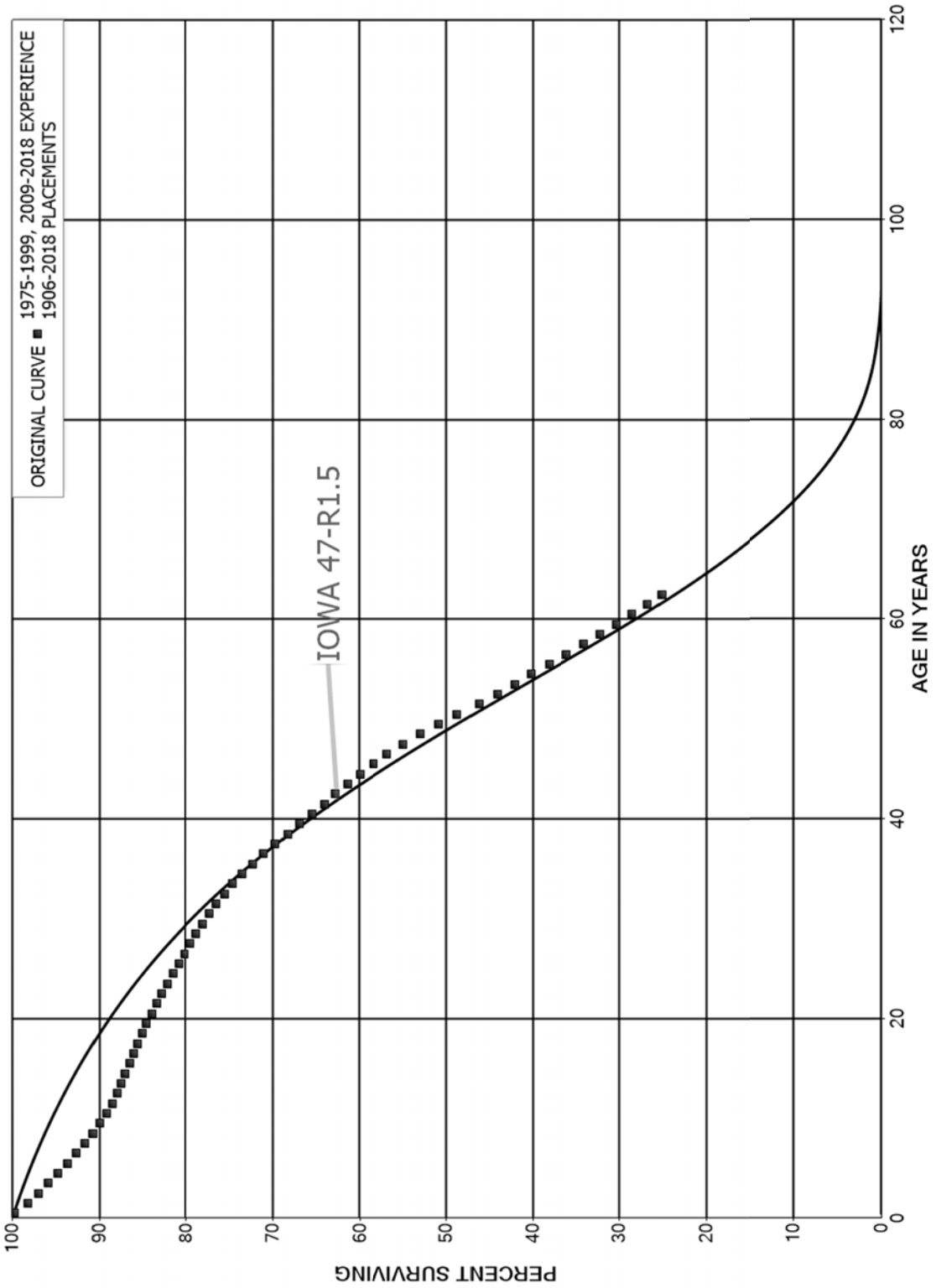
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1898-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	3,555,484	563,271	0.1584	0.8416	16.12
80.5	2,956,997	323,449	0.1094	0.8906	13.57
81.5	2,592,201	261,253	0.1008	0.8992	12.08
82.5	2,326,043	222,108	0.0955	0.9045	10.86
83.5	2,091,296	210,217	0.1005	0.8995	9.83
84.5	1,822,022	165,000	0.0906	0.9094	8.84
85.5	1,584,137	158,135	0.0998	0.9002	8.04
86.5	1,344,068	133,348	0.0992	0.9008	7.24
87.5	1,092,936	117,384	0.1074	0.8926	6.52
88.5	822,419	91,628	0.1114	0.8886	5.82
89.5	627,258	72,103	0.1149	0.8851	5.17
90.5	448,482	52,662	0.1174	0.8826	4.58
91.5	286,341	58,299	0.2036	0.7964	4.04
92.5	130,040	20,898	0.1607	0.8393	3.22
93.5	12,309	2,404	0.1953	0.8047	2.70
94.5	8,016		0.0000	1.0000	2.17
95.5	8,016	7,255	0.9050	0.0950	2.17
96.5	761	761	1.0000		0.21
97.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 368 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1906-2018 EXPERIENCE BAND 1975-1999, 2009-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	488,186,469	1,565,857	0.0032	0.9968	100.00
0.5	470,478,661	7,213,155	0.0153	0.9847	99.68
1.5	458,437,882	5,411,946	0.0118	0.9882	98.15
2.5	435,000,380	5,108,436	0.0117	0.9883	96.99
3.5	423,863,570	5,059,041	0.0119	0.9881	95.85
4.5	397,589,046	4,487,377	0.0113	0.9887	94.71
5.5	381,093,744	4,344,151	0.0114	0.9886	93.64
6.5	369,052,876	3,806,276	0.0103	0.9897	92.57
7.5	367,436,715	3,433,348	0.0093	0.9907	91.62
8.5	338,952,946	3,017,579	0.0089	0.9911	90.76
9.5	318,683,711	2,822,891	0.0089	0.9911	89.95
10.5	293,264,133	2,124,163	0.0072	0.9928	89.16
11.5	276,651,355	1,869,560	0.0068	0.9932	88.51
12.5	260,442,964	1,361,953	0.0052	0.9948	87.91
13.5	247,292,331	1,192,451	0.0048	0.9952	87.45
14.5	238,430,846	1,313,550	0.0055	0.9945	87.03
15.5	236,712,374	1,346,213	0.0057	0.9943	86.55
16.5	230,330,915	1,262,834	0.0055	0.9945	86.06
17.5	209,115,606	1,212,362	0.0058	0.9942	85.59
18.5	222,132,456	1,381,682	0.0062	0.9938	85.09
19.5	228,428,042	1,504,866	0.0066	0.9934	84.56
20.5	227,078,049	1,631,159	0.0072	0.9928	84.01
21.5	221,584,833	1,602,560	0.0072	0.9928	83.40
22.5	222,650,674	1,740,447	0.0078	0.9922	82.80
23.5	218,043,819	1,706,038	0.0078	0.9922	82.15
24.5	210,375,050	1,626,212	0.0077	0.9923	81.51
25.5	197,978,902	1,652,994	0.0083	0.9917	80.88
26.5	185,790,164	1,537,277	0.0083	0.9917	80.20
27.5	175,542,729	1,559,640	0.0089	0.9911	79.54
28.5	158,255,189	1,516,581	0.0096	0.9904	78.83
29.5	134,583,942	1,393,570	0.0104	0.9896	78.08
30.5	112,413,299	1,183,738	0.0105	0.9895	77.27
31.5	94,174,131	1,153,831	0.0123	0.9877	76.46
32.5	79,542,792	965,842	0.0121	0.9879	75.52
33.5	68,854,316	1,043,069	0.0151	0.9849	74.60
34.5	66,004,657	1,089,123	0.0165	0.9835	73.47
35.5	66,364,473	1,099,408	0.0166	0.9834	72.26
36.5	63,339,637	1,206,177	0.0190	0.9810	71.06
37.5	61,340,393	1,239,260	0.0202	0.9798	69.71
38.5	63,294,137	1,274,655	0.0201	0.9799	68.30

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2018			EXPERIENCE BAND 1975-1999, 2009-2018		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	68,516,859	1,482,770	0.0216	0.9784	66.93
40.5	69,589,553	1,445,158	0.0208	0.9792	65.48
41.5	68,230,865	1,420,871	0.0208	0.9792	64.12
42.5	66,067,971	1,419,296	0.0215	0.9785	62.78
43.5	61,841,584	1,473,770	0.0238	0.9762	61.43
44.5	54,455,246	1,422,170	0.0261	0.9739	59.97
45.5	47,633,376	1,317,387	0.0277	0.9723	58.40
46.5	42,884,509	1,418,963	0.0331	0.9669	56.79
47.5	38,479,662	1,372,570	0.0357	0.9643	54.91
48.5	31,964,341	1,299,180	0.0406	0.9594	52.95
49.5	22,371,537	909,824	0.0407	0.9593	50.80
50.5	16,019,152	823,799	0.0514	0.9486	48.73
51.5	13,198,406	625,428	0.0474	0.9526	46.23
52.5	12,466,721	550,885	0.0442	0.9558	44.04
53.5	12,284,350	569,101	0.0463	0.9537	42.09
54.5	12,034,316	608,709	0.0506	0.9494	40.14
55.5	11,180,937	608,873	0.0545	0.9455	38.11
56.5	10,563,476	586,809	0.0556	0.9444	36.03
57.5	9,715,788	535,373	0.0551	0.9449	34.03
58.5	8,526,108	489,651	0.0574	0.9426	32.16
59.5	7,600,162	460,943	0.0606	0.9394	30.31
60.5	6,711,651	406,876	0.0606	0.9394	28.47
61.5	5,766,307	360,018	0.0624	0.9376	26.75
62.5	4,570,555	299,646	0.0656	0.9344	25.08
63.5	3,521,331	231,227	0.0657	0.9343	23.43
64.5	2,705,463	178,397	0.0659	0.9341	21.89
65.5	2,112,203	143,429	0.0679	0.9321	20.45
66.5	1,645,591	124,547	0.0757	0.9243	19.06
67.5	1,336,058	130,022	0.0973	0.9027	17.62
68.5	1,046,707	145,082	0.1386	0.8614	15.90
69.5	786,278	110,316	0.1403	0.8597	13.70
70.5	577,815	85,023	0.1471	0.8529	11.78
71.5	450,896	90,383	0.2005	0.7995	10.04
72.5	326,836	83,306	0.2549	0.7451	8.03
73.5	239,217	58,165	0.2431	0.7569	5.98
74.5	185,471	38,905	0.2098	0.7902	4.53
75.5	139,299	21,418	0.1538	0.8462	3.58
76.5	114,772	28,040	0.2443	0.7557	3.03
77.5	94,642	21,551	0.2277	0.7723	2.29
78.5	78,570	22,204	0.2826	0.7174	1.77

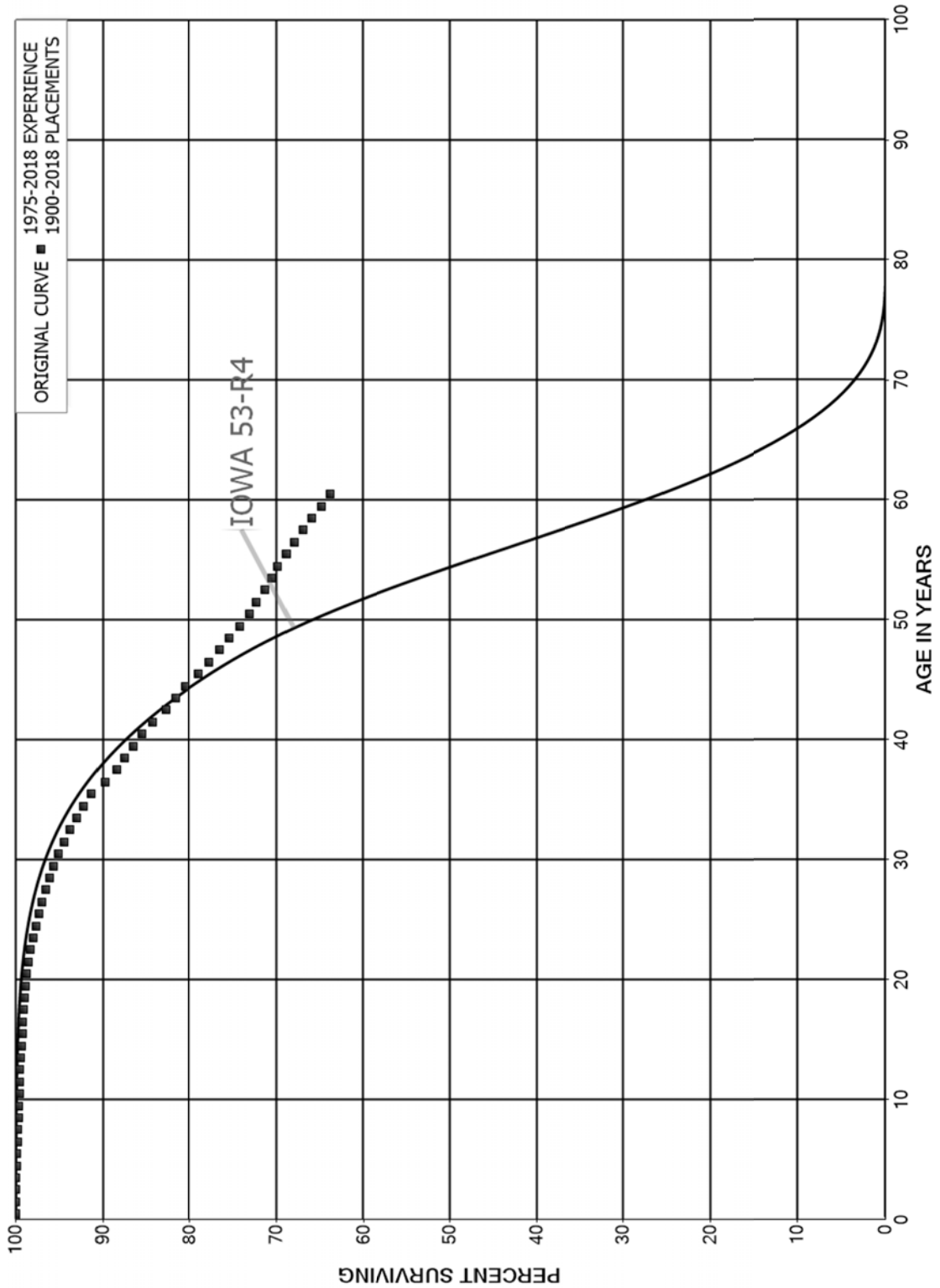
PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2018			EXPERIENCE BAND 1975-1999, 2009-2018		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	73,997	21,582	0.2917	0.7083	1.27
80.5	56,832	18,622	0.3277	0.6723	0.90
81.5	43,571	15,039	0.3452	0.6548	0.60
82.5	27,668	11,354	0.4104	0.5896	0.40
83.5	17,965	9,149	0.5092	0.4908	0.23
84.5	16,927	7,178	0.4240	0.5760	0.11
85.5	13,742	4,316	0.3141	0.6859	0.07
86.5	9,806	4,394	0.4481	0.5519	0.05
87.5	5,393	3,355	0.6221	0.3779	0.02
88.5	2,032	1,254	0.6171	0.3829	0.01
89.5	767	407	0.5306	0.4694	0.00
90.5	358	176	0.4918	0.5082	0.00
91.5	752	338	0.4493	0.5507	0.00
92.5	413	183	0.4429	0.5571	0.00
93.5	229	138	0.6000	0.4000	0.00
94.5	97	68	0.6940	0.3060	0.00
95.5	42	22	0.5171	0.4829	0.00
96.5	19	10	0.5206	0.4794	0.00
97.5	9	4	0.4398	0.5602	0.00
98.5	5	2	0.3532	0.6468	0.00
99.5	3	1	0.2967	0.7033	0.00
100.5	2		0.0000	1.0000	0.00
101.5	2		0.0000	1.0000	0.00
102.5	2		0.0000	1.0000	0.00
103.5	2		0.0000	1.0000	0.00
104.5	1		0.0000	1.0000	0.00
105.5					0.00

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 369.1 SERVICES - AERIAL
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - AERIAL

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	143,373,885	17,756	0.0001	0.9999	100.00
0.5	136,829,762	39,629	0.0003	0.9997	99.99
1.5	131,818,950	49,146	0.0004	0.9996	99.96
2.5	126,581,334	39,336	0.0003	0.9997	99.92
3.5	123,184,865	50,452	0.0004	0.9996	99.89
4.5	119,937,006	70,837	0.0006	0.9994	99.85
5.5	117,390,691	53,743	0.0005	0.9995	99.79
6.5	114,545,408	62,794	0.0005	0.9995	99.74
7.5	111,416,721	59,031	0.0005	0.9995	99.69
8.5	107,957,202	42,048	0.0004	0.9996	99.64
9.5	95,703,027	41,189	0.0004	0.9996	99.60
10.5	93,418,668	43,838	0.0005	0.9995	99.56
11.5	92,841,900	53,665	0.0006	0.9994	99.51
12.5	89,062,372	87,853	0.0010	0.9990	99.45
13.5	86,441,340	59,512	0.0007	0.9993	99.35
14.5	81,350,397	50,457	0.0006	0.9994	99.28
15.5	77,698,836	48,237	0.0006	0.9994	99.22
16.5	70,657,192	59,335	0.0008	0.9992	99.16
17.5	62,692,178	66,938	0.0011	0.9989	99.08
18.5	61,103,064	83,400	0.0014	0.9986	98.97
19.5	58,683,094	94,579	0.0016	0.9984	98.84
20.5	56,319,310	116,856	0.0021	0.9979	98.68
21.5	53,180,240	126,591	0.0024	0.9976	98.47
22.5	51,798,673	127,477	0.0025	0.9975	98.24
23.5	48,763,261	176,619	0.0036	0.9964	98.00
24.5	47,153,539	182,044	0.0039	0.9961	97.64
25.5	45,341,825	164,218	0.0036	0.9964	97.27
26.5	43,703,858	184,596	0.0042	0.9958	96.91
27.5	42,047,893	196,010	0.0047	0.9953	96.50
28.5	39,962,120	189,541	0.0047	0.9953	96.05
29.5	37,484,101	190,600	0.0051	0.9949	95.60
30.5	35,325,784	255,589	0.0072	0.9928	95.11
31.5	33,205,001	247,686	0.0075	0.9925	94.42
32.5	31,221,889	270,255	0.0087	0.9913	93.72
33.5	29,466,979	221,138	0.0075	0.9925	92.91
34.5	27,668,856	270,415	0.0098	0.9902	92.21
35.5	26,109,062	444,930	0.0170	0.9830	91.31
36.5	24,342,541	354,328	0.0146	0.9854	89.75
37.5	23,034,345	244,186	0.0106	0.9894	88.45
38.5	21,341,216	234,240	0.0110	0.9890	87.51

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - AERIAL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	19,877,130	248,639	0.0125	0.9875	86.55
40.5	18,400,348	249,061	0.0135	0.9865	85.47
41.5	16,941,270	319,873	0.0189	0.9811	84.31
42.5	15,558,747	207,953	0.0134	0.9866	82.72
43.5	14,275,403	196,976	0.0138	0.9862	81.61
44.5	12,976,748	240,070	0.0185	0.9815	80.49
45.5	11,764,198	194,044	0.0165	0.9835	79.00
46.5	10,760,787	158,950	0.0148	0.9852	77.69
47.5	9,877,011	142,183	0.0144	0.9856	76.55
48.5	8,842,021	145,735	0.0165	0.9835	75.44
49.5	7,724,585	115,495	0.0150	0.9850	74.20
50.5	6,902,952	72,148	0.0105	0.9895	73.09
51.5	6,198,590	86,343	0.0139	0.9861	72.33
52.5	5,449,349	62,056	0.0114	0.9886	71.32
53.5	4,943,270	50,964	0.0103	0.9897	70.51
54.5	4,214,763	55,065	0.0131	0.9869	69.78
55.5	3,575,412	45,417	0.0127	0.9873	68.87
56.5	3,048,612	45,786	0.0150	0.9850	67.99
57.5	2,579,540	39,213	0.0152	0.9848	66.97
58.5	2,165,921	36,455	0.0168	0.9832	65.96
59.5	1,699,119	26,280	0.0155	0.9845	64.85
60.5	1,241,402	29,280	0.0236	0.9764	63.84
61.5	825,500	19,339	0.0234	0.9766	62.34
62.5	388,755	11,956	0.0308	0.9692	60.88
63.5	100,967	11,902	0.1179	0.8821	59.00
64.5	85,524	3,630	0.0424	0.9576	52.05
65.5	63,961	3,537	0.0553	0.9447	49.84
66.5	4,908	829	0.1688	0.8312	47.08
67.5	4,080	1,032	0.2530	0.7470	39.13
68.5	3,048	874	0.2867	0.7133	29.23
69.5	2,174	809	0.3720	0.6280	20.85
70.5	1,365	1,210	0.8866	0.1134	13.10
71.5	155	108	0.6981	0.3019	1.49
72.5	47	42	0.9048	0.0952	0.45
73.5	4	4	1.0000		0.04
74.5	7,882		0.0000	1.0000	
75.5	7,882		0.0000		
76.5	7,882		0.0000		
77.5	7,882		0.0000		
78.5	7,882		0.0000		

PECO ENERGY COMPANY
ELECTRIC PLANT

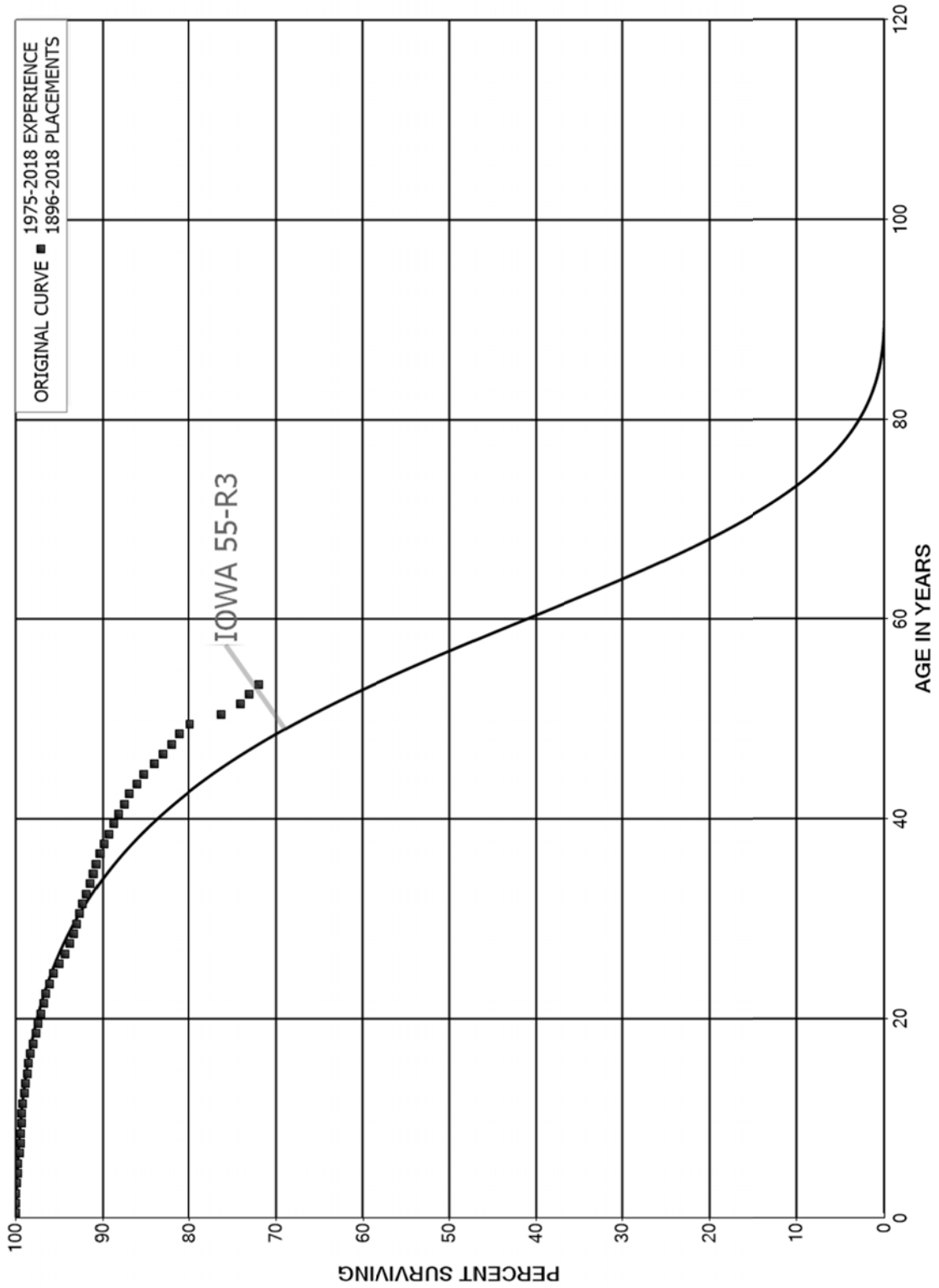
ACCOUNT 369.1 SERVICES - AERIAL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	7,882		0.0000		
80.5	7,882		0.0000		
81.5	7,882		0.0000		
82.5	7,882		0.0000		
83.5	7,882		0.0000		
84.5	7,882		0.0000		
85.5	7,882		0.0000		
86.5	7,882		0.0000		
87.5	7,882		0.0000		
88.5	7,882		0.0000		
89.5	7,882		0.0000		
90.5	7,882	5,964	0.7567		
91.5	1,918		0.0000		
92.5	1,918	1,918	1.0000		
93.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 369.2 SERVICES - UNDERGROUND
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE

PLACEMENT BAND 1896-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	267,170,879	26,210	0.0001	0.9999	100.00
0.5	266,906,453	91,826	0.0003	0.9997	99.99
1.5	267,302,889	123,972	0.0005	0.9995	99.96
2.5	265,839,585	134,248	0.0005	0.9995	99.91
3.5	265,359,525	225,996	0.0009	0.9991	99.86
4.5	264,137,679	159,224	0.0006	0.9994	99.77
5.5	263,302,270	584,591	0.0022	0.9978	99.71
6.5	262,144,132	186,689	0.0007	0.9993	99.49
7.5	256,224,513	144,693	0.0006	0.9994	99.42
8.5	254,685,551	132,350	0.0005	0.9995	99.37
9.5	225,167,426	168,672	0.0007	0.9993	99.31
10.5	225,880,524	258,398	0.0011	0.9989	99.24
11.5	229,644,210	363,543	0.0016	0.9984	99.13
12.5	225,952,282	357,127	0.0016	0.9984	98.97
13.5	223,247,468	335,144	0.0015	0.9985	98.81
14.5	221,810,933	402,439	0.0018	0.9982	98.66
15.5	213,484,691	482,650	0.0023	0.9977	98.49
16.5	201,804,671	596,329	0.0030	0.9970	98.26
17.5	190,073,701	609,655	0.0032	0.9968	97.97
18.5	188,503,198	589,271	0.0031	0.9969	97.66
19.5	178,679,473	536,966	0.0030	0.9970	97.35
20.5	172,691,783	561,745	0.0033	0.9967	97.06
21.5	162,881,396	466,677	0.0029	0.9971	96.74
22.5	158,592,528	667,906	0.0042	0.9958	96.47
23.5	148,479,298	651,625	0.0044	0.9956	96.06
24.5	142,529,144	1,058,312	0.0074	0.9926	95.64
25.5	131,411,010	922,028	0.0070	0.9930	94.93
26.5	122,143,821	727,235	0.0060	0.9940	94.26
27.5	113,912,019	521,982	0.0046	0.9954	93.70
28.5	103,062,119	360,995	0.0035	0.9965	93.27
29.5	92,041,384	345,169	0.0038	0.9962	92.95
30.5	80,354,705	318,159	0.0040	0.9960	92.60
31.5	68,796,574	323,205	0.0047	0.9953	92.23
32.5	58,772,912	224,193	0.0038	0.9962	91.80
33.5	50,656,690	229,150	0.0045	0.9955	91.45
34.5	42,942,414	156,063	0.0036	0.9964	91.03
35.5	37,059,218	174,666	0.0047	0.9953	90.70
36.5	33,924,727	178,854	0.0053	0.9947	90.28
37.5	28,809,764	174,465	0.0061	0.9939	89.80
38.5	23,752,667	141,788	0.0060	0.9940	89.26

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1896-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	19,219,493	110,223	0.0057	0.9943	88.72
40.5	14,942,679	120,706	0.0081	0.9919	88.21
41.5	12,360,017	78,640	0.0064	0.9936	87.50
42.5	10,267,732	98,780	0.0096	0.9904	86.94
43.5	8,783,468	84,909	0.0097	0.9903	86.11
44.5	7,229,337	99,691	0.0138	0.9862	85.28
45.5	5,545,174	70,917	0.0128	0.9872	84.10
46.5	4,858,889	54,864	0.0113	0.9887	83.02
47.5	4,375,665	49,906	0.0114	0.9886	82.09
48.5	4,039,771	60,415	0.0150	0.9850	81.15
49.5	3,737,357	171,236	0.0458	0.9542	79.94
50.5	3,308,651	94,681	0.0286	0.9714	76.27
51.5	3,020,488	43,278	0.0143	0.9857	74.09
52.5	2,748,819	41,341	0.0150	0.9850	73.03
53.5	2,480,558	37,709	0.0152	0.9848	71.93
54.5	2,288,992	35,588	0.0155	0.9845	70.84
55.5	2,155,941	43,215	0.0200	0.9800	69.74
56.5	1,950,048	40,597	0.0208	0.9792	68.34
57.5	1,721,150	29,094	0.0169	0.9831	66.92
58.5	1,527,777	30,294	0.0198	0.9802	65.79
59.5	1,396,753	59,832	0.0428	0.9572	64.48
60.5	1,290,225	30,815	0.0239	0.9761	61.72
61.5	1,192,443	34,111	0.0286	0.9714	60.24
62.5	1,067,674	29,557	0.0277	0.9723	58.52
63.5	975,584	81,067	0.0831	0.9169	56.90
64.5	802,844	34,847	0.0434	0.9566	52.17
65.5	662,294	117,504	0.1774	0.8226	49.91
66.5	512,346	166,868	0.3257	0.6743	41.05
67.5	345,863	56,018	0.1620	0.8380	27.68
68.5	290,634	12,001	0.0413	0.9587	23.20
69.5	236,775	15,400	0.0650	0.9350	22.24
70.5	190,122	19,057	0.1002	0.8998	20.79
71.5	149,312	13,867	0.0929	0.9071	18.71
72.5	116,935	11,134	0.0952	0.9048	16.97
73.5	100,353	10,799	0.1076	0.8924	15.36
74.5	189,217	11,112	0.0587	0.9413	13.70
75.5	176,816	7,507	0.0425	0.9575	12.90
76.5	163,847	2,478	0.0151	0.9849	12.35
77.5	149,495	1,695	0.0113	0.9887	12.16
78.5	140,551	1,584	0.0113	0.9887	12.03

PECO ENERGY COMPANY
ELECTRIC PLANT

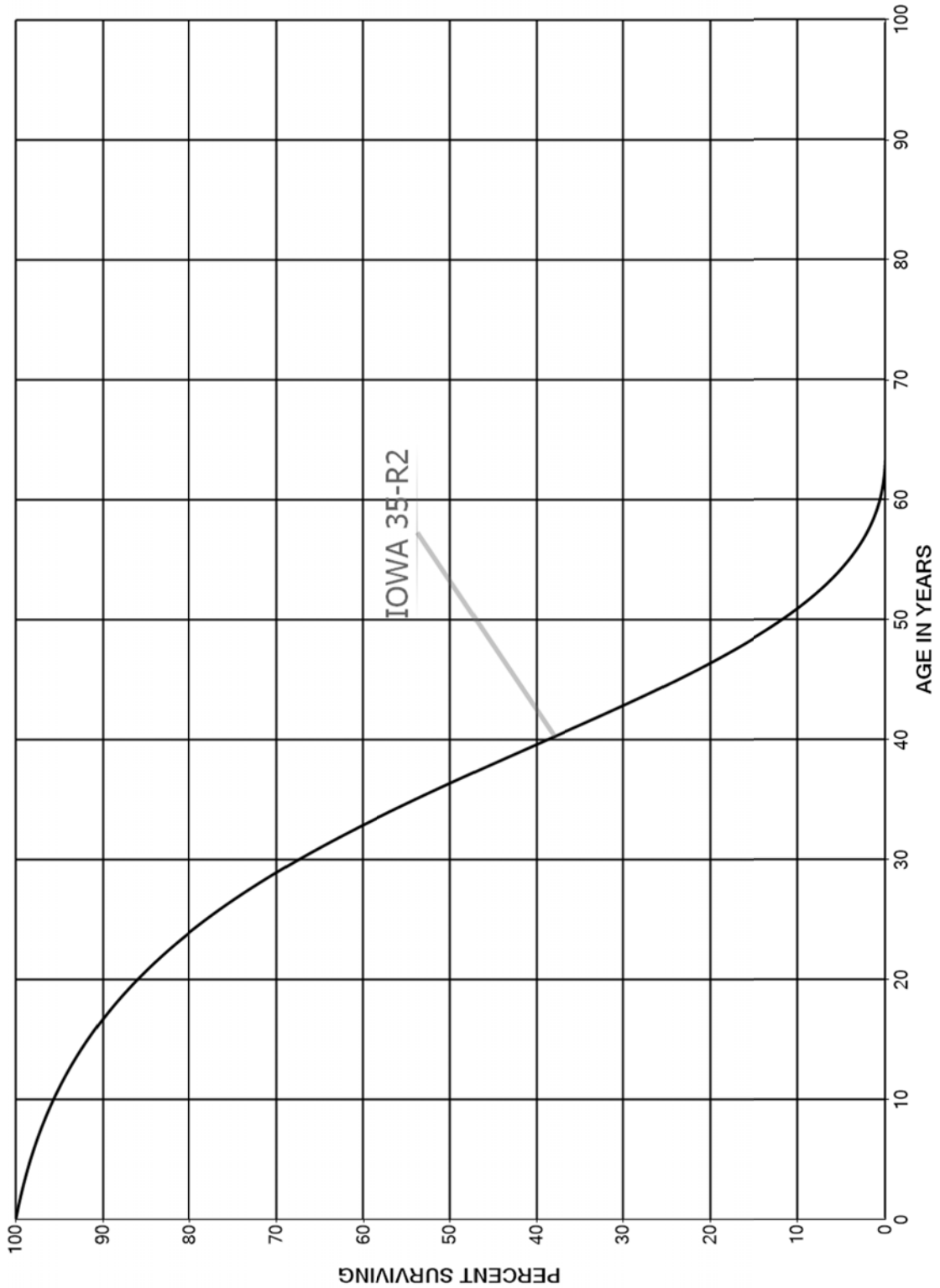
ACCOUNT 369.2 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

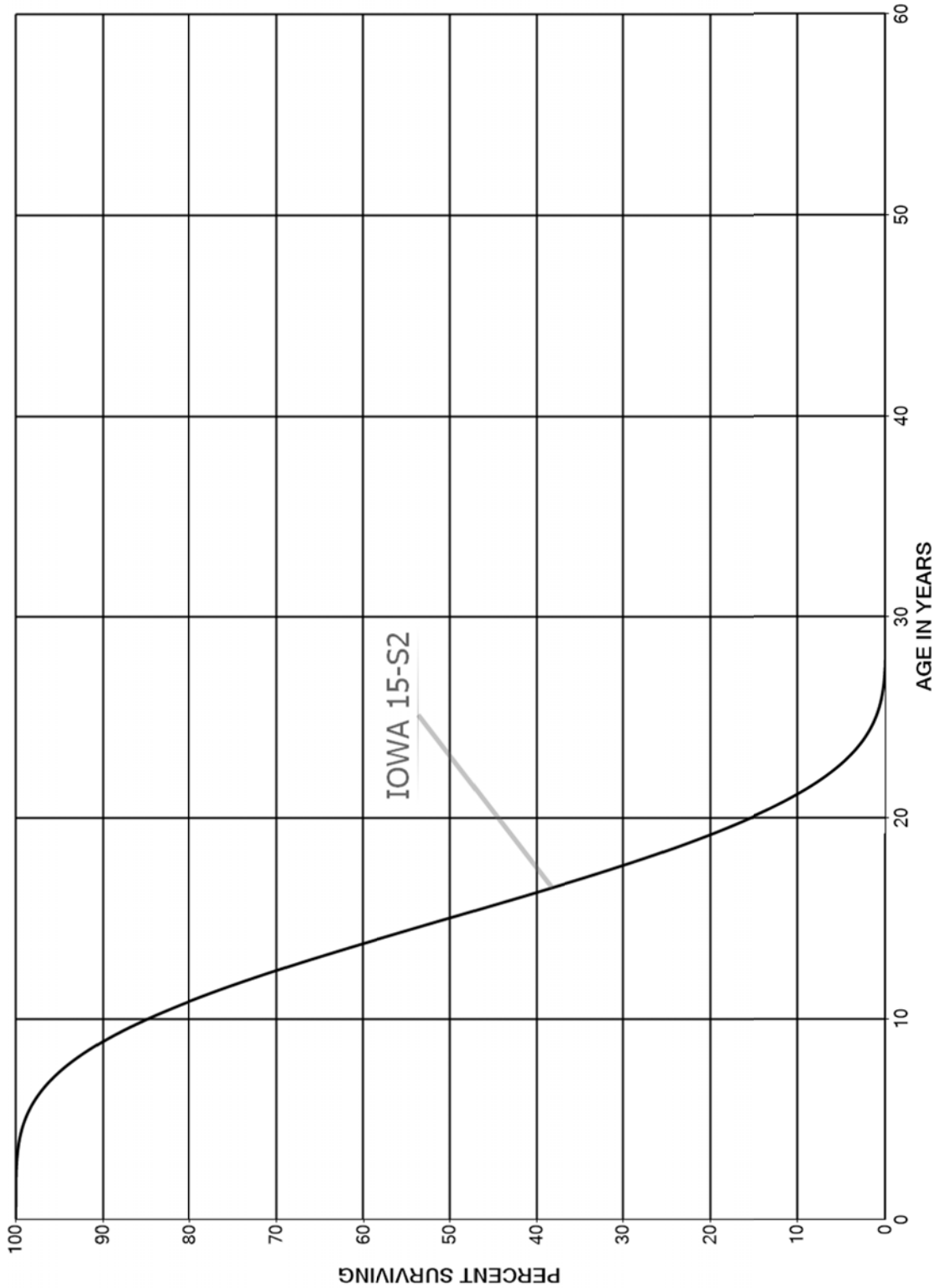
PLACEMENT BAND 1896-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	138,967	2,064	0.0149	0.9851	11.89
80.5	136,903	2,385	0.0174	0.9826	11.71
81.5	134,518	646	0.0048	0.9952	11.51
82.5	133,872	9,691	0.0724	0.9276	11.46
83.5	124,181	6,742	0.0543	0.9457	10.63
84.5	117,439	6,172	0.0526	0.9474	10.05
85.5	111,267	6,020	0.0541	0.9459	9.52
86.5	105,247	1,097	0.0104	0.9896	9.01
87.5	104,150	17	0.0002	0.9998	8.91
88.5	104,133	4	0.0000	1.0000	8.91
89.5	104,130		0.0000	1.0000	8.91
90.5	104,130	1,535	0.0147	0.9853	8.91
91.5	102,595		0.0000	1.0000	8.78
92.5	102,595	8,716	0.0850	0.9150	8.78
93.5	93,879	11,641	0.1240	0.8760	8.03
94.5	82,238	24,061	0.2926	0.7074	7.04
95.5	58,177	25,591	0.4399	0.5601	4.98
96.5	32,586	32,586	1.0000		2.79
97.5					

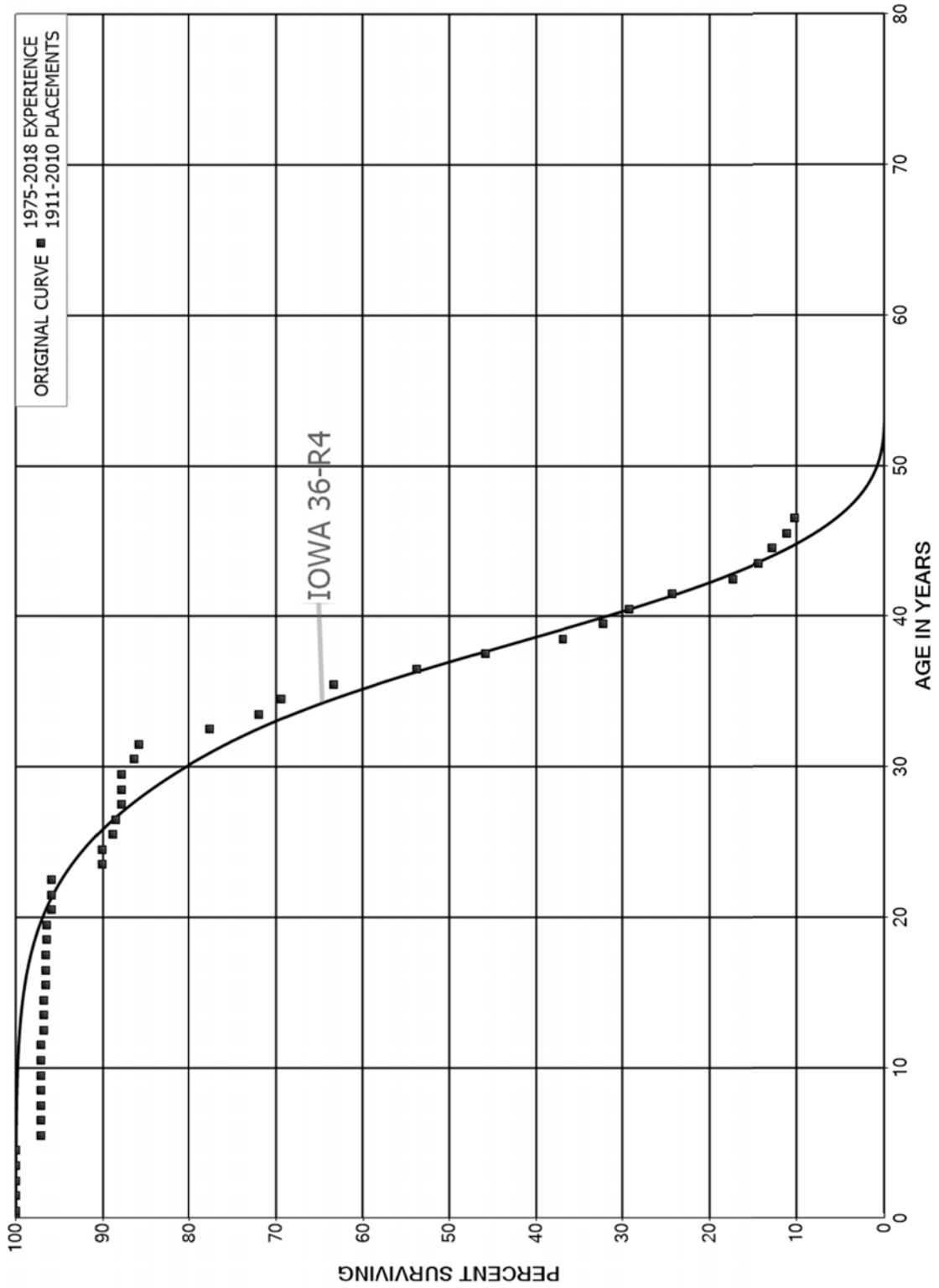
PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 370.1 METER TRANSFORMERS
SMOOTH SURVIVOR CURVE



PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 370.2 SMART METERS
SMOOTH SURVIVOR CURVE



PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1911-2010 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	3,710,593		0.0000	1.0000	100.00
0.5	3,710,593		0.0000	1.0000	100.00
1.5	1,078,447		0.0000	1.0000	100.00
2.5	1,078,447		0.0000	1.0000	100.00
3.5	1,078,447		0.0000	1.0000	100.00
4.5	1,080,509	31,513	0.0292	0.9708	100.00
5.5	1,050,974		0.0000	1.0000	97.08
6.5	1,052,552		0.0000	1.0000	97.08
7.5	1,059,537		0.0000	1.0000	97.08
8.5	1,074,590		0.0000	1.0000	97.08
9.5	1,082,318		0.0000	1.0000	97.08
10.5	1,102,777		0.0000	1.0000	97.08
11.5	1,131,693	4,811	0.0043	0.9957	97.08
12.5	1,152,862		0.0000	1.0000	96.67
13.5	1,186,315		0.0000	1.0000	96.67
14.5	1,205,475	1,855	0.0015	0.9985	96.67
15.5	1,212,590		0.0000	1.0000	96.52
16.5	1,227,368		0.0000	1.0000	96.52
17.5	1,252,367	1,982	0.0016	0.9984	96.52
18.5	1,259,556		0.0000	1.0000	96.37
19.5	1,109,053	6,573	0.0059	0.9941	96.37
20.5	366,370		0.0000	1.0000	95.80
21.5	321,771		0.0000	1.0000	95.80
22.5	316,766	18,874	0.0596	0.9404	95.80
23.5	264,923		0.0000	1.0000	90.09
24.5	263,418	3,733	0.0142	0.9858	90.09
25.5	259,764	999	0.0038	0.9962	88.81
26.5	258,765	1,728	0.0067	0.9933	88.47
27.5	260,124		0.0000	1.0000	87.88
28.5	261,501		0.0000	1.0000	87.88
29.5	261,501	4,510	0.0172	0.9828	87.88
30.5	257,040	1,578	0.0061	0.9939	86.37
31.5	255,608	24,496	0.0958	0.9042	85.84
32.5	232,121	16,972	0.0731	0.9269	77.61
33.5	216,776	7,729	0.0357	0.9643	71.93
34.5	209,048	18,106	0.0866	0.9134	69.37
35.5	191,008	28,916	0.1514	0.8486	63.36
36.5	162,469	23,998	0.1477	0.8523	53.77
37.5	138,471	27,170	0.1962	0.8038	45.83
38.5	111,746	14,289	0.1279	0.8721	36.84

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1911-2010 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	97,457	8,971	0.0920	0.9080	32.13
40.5	88,716	14,778	0.1666	0.8334	29.17
41.5	73,939	21,266	0.2876	0.7124	24.31
42.5	52,881	9,172	0.1734	0.8266	17.32
43.5	53,686	5,898	0.1099	0.8901	14.31
44.5	50,658	6,466	0.1276	0.8724	12.74
45.5	48,552	4,162	0.0857	0.9143	11.12
46.5	46,233	17,555	0.3797	0.6203	10.16
47.5	30,071	3,336	0.1109	0.8891	6.30
48.5	27,364	51	0.0019	0.9981	5.60
49.5	28,233	79	0.0028	0.9972	5.59
50.5	32,442	8,709	0.2684	0.7316	5.58
51.5	24,680	628	0.0254	0.9746	4.08
52.5	24,154	1,376	0.0570	0.9430	3.98
53.5	23,561		0.0000	1.0000	3.75
54.5	23,561	1,542	0.0654	0.9346	3.75
55.5	22,084	146	0.0066	0.9934	3.51
56.5	21,938	1,009	0.0460	0.9540	3.48
57.5	21,017	1,628	0.0775	0.9225	3.32
58.5	19,413		0.0000	1.0000	3.06
59.5	19,413	67	0.0034	0.9966	3.06
60.5	19,406	377	0.0194	0.9806	3.05
61.5	19,029		0.0000	1.0000	2.99
62.5	19,029	444	0.0234	0.9766	2.99
63.5	18,708		0.0000	1.0000	2.92
64.5	18,708	230	0.0123	0.9877	2.92
65.5	18,479		0.0000	1.0000	2.89
66.5	18,479	208	0.0113	0.9887	2.89
67.5	18,271	1,268	0.0694	0.9306	2.86
68.5	17,002	1,378	0.0810	0.9190	2.66
69.5	15,624	4,360	0.2790	0.7210	2.44
70.5	11,265	1,843	0.1636	0.8364	1.76
71.5	9,421	1,393	0.1478	0.8522	1.47
72.5	8,029	629	0.0784	0.9216	1.26
73.5	7,400	920	0.1243	0.8757	1.16
74.5	6,480	4,288	0.6617	0.3383	1.01
75.5	2,192	947	0.4320	0.5680	0.34
76.5	1,245	101	0.0813	0.9187	0.19
77.5	1,144	784	0.6853	0.3147	0.18
78.5	360		0.0000	1.0000	0.06

PECO ENERGY COMPANY
ELECTRIC PLANT

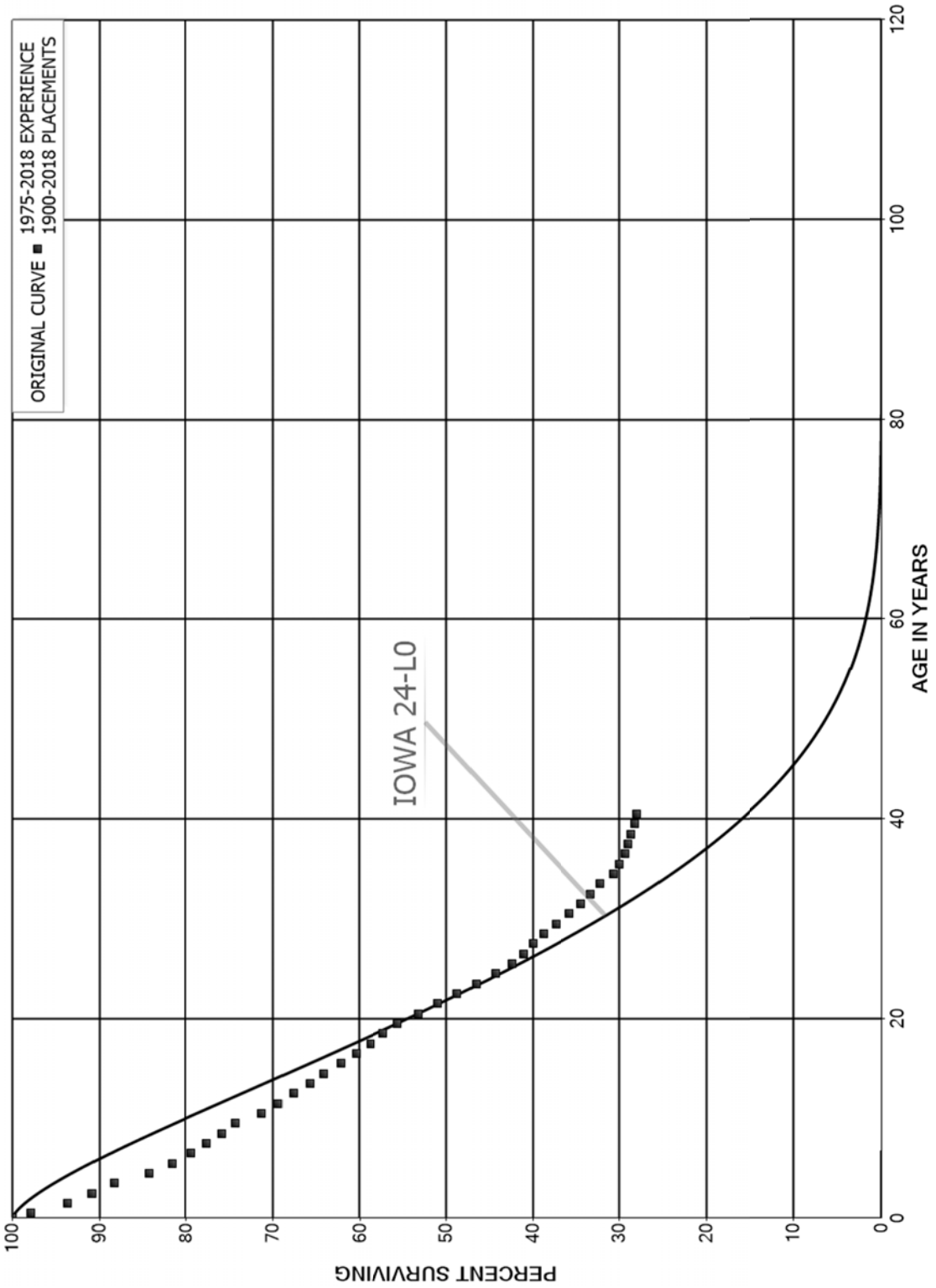
ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1911-2010 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	360	64	0.1790	0.8210	0.06
80.5	295		0.0000	1.0000	0.05
81.5	295	88	0.2977	0.7023	0.05
82.5	207	24	0.1153	0.8847	0.03
83.5	184		0.0000	1.0000	0.03
84.5	184	60	0.3261	0.6739	0.03
85.5	124		0.0000	1.0000	0.02
86.5	124		0.0000	1.0000	0.02
87.5	124	124	1.0000		0.02
88.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	93,863,075	2,026,240	0.0216	0.9784	100.00
0.5	90,548,074	3,870,376	0.0427	0.9573	97.84
1.5	80,809,698	2,480,414	0.0307	0.9693	93.66
2.5	78,180,481	2,197,516	0.0281	0.9719	90.78
3.5	75,955,241	3,365,466	0.0443	0.9557	88.23
4.5	72,513,616	2,335,496	0.0322	0.9678	84.32
5.5	70,251,884	1,863,634	0.0265	0.9735	81.61
6.5	68,172,181	1,604,903	0.0235	0.9765	79.44
7.5	66,540,797	1,472,972	0.0221	0.9779	77.57
8.5	64,859,023	1,348,077	0.0208	0.9792	75.85
9.5	43,328,070	1,740,281	0.0402	0.9598	74.28
10.5	54,113,932	1,470,693	0.0272	0.9728	71.29
11.5	57,163,175	1,445,429	0.0253	0.9747	69.36
12.5	57,833,505	1,594,244	0.0276	0.9724	67.60
13.5	58,433,192	1,379,588	0.0236	0.9764	65.74
14.5	57,115,038	1,837,268	0.0322	0.9678	64.19
15.5	54,158,274	1,547,763	0.0286	0.9714	62.12
16.5	52,376,502	1,377,468	0.0263	0.9737	60.35
17.5	49,139,533	1,242,181	0.0253	0.9747	58.76
18.5	48,048,109	1,388,830	0.0289	0.9711	57.28
19.5	37,696,015	1,620,855	0.0430	0.9570	55.62
20.5	23,967,636	1,045,596	0.0436	0.9564	53.23
21.5	18,889,121	796,523	0.0422	0.9578	50.91
22.5	16,217,763	764,376	0.0471	0.9529	48.76
23.5	13,632,988	646,155	0.0474	0.9526	46.46
24.5	12,566,390	536,551	0.0427	0.9573	44.26
25.5	11,623,410	350,470	0.0302	0.9698	42.37
26.5	10,861,341	306,064	0.0282	0.9718	41.09
27.5	10,082,253	293,718	0.0291	0.9709	39.93
28.5	9,123,839	344,257	0.0377	0.9623	38.77
29.5	8,307,562	358,685	0.0432	0.9568	37.31
30.5	7,259,751	259,739	0.0358	0.9642	35.70
31.5	6,587,515	207,389	0.0315	0.9685	34.42
32.5	6,108,755	217,634	0.0356	0.9644	33.34
33.5	5,128,307	236,303	0.0461	0.9539	32.15
34.5	4,274,101	104,788	0.0245	0.9755	30.67
35.5	3,575,584	68,890	0.0193	0.9807	29.92
36.5	3,105,512	45,748	0.0147	0.9853	29.34
37.5	2,788,481	28,886	0.0104	0.9896	28.91
38.5	2,515,381	34,836	0.0138	0.9862	28.61

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,135,899	23,794	0.0111	0.9889	28.21
40.5	1,834,738	37,174	0.0203	0.9797	27.90
41.5	1,473,211	24,658	0.0167	0.9833	27.33
42.5	1,176,198	12,015	0.0102	0.9898	26.87
43.5	998,341	15,374	0.0154	0.9846	26.60
44.5	814,011	16,631	0.0204	0.9796	26.19
45.5	632,506	16,753	0.0265	0.9735	25.65
46.5	453,260	20,245	0.0447	0.9553	24.98
47.5	349,768	22,983	0.0657	0.9343	23.86
48.5	296,501	12,143	0.0410	0.9590	22.29
49.5	266,067	24,074	0.0905	0.9095	21.38
50.5	227,442	16,312	0.0717	0.9283	19.44
51.5	196,366	16,203	0.0825	0.9175	18.05
52.5	165,495	12,703	0.0768	0.9232	16.56
53.5	146,309	13,602	0.0930	0.9070	15.29
54.5	128,979	8,821	0.0684	0.9316	13.87
55.5	109,973	5,405	0.0491	0.9509	12.92
56.5	100,443	5,331	0.0531	0.9469	12.28
57.5	97,208	6,716	0.0691	0.9309	11.63
58.5	83,373	4,268	0.0512	0.9488	10.83
59.5	69,461	2,013	0.0290	0.9710	10.27
60.5	81,374	5,306	0.0652	0.9348	9.98
61.5	79,697	3,284	0.0412	0.9588	9.33
62.5	77,931	10,415	0.1336	0.8664	8.94
63.5	69,714	2,551	0.0366	0.9634	7.75
64.5	67,163	9,859	0.1468	0.8532	7.46
65.5	58,698	2,579	0.0439	0.9561	6.37
66.5	65,828	1,692	0.0257	0.9743	6.09
67.5	81,223	1,766	0.0217	0.9783	5.93
68.5	83,284	7,942	0.0954	0.9046	5.80
69.5	75,342	21,288	0.2825	0.7175	5.25
70.5	54,054	5,451	0.1008	0.8992	3.77
71.5	48,603	1,085	0.0223	0.9777	3.39
72.5	47,518	663	0.0140	0.9860	3.31
73.5	46,855	1,508	0.0322	0.9678	3.26
74.5	55,123	3,323	0.0603	0.9397	3.16
75.5	51,801	1,010	0.0195	0.9805	2.97
76.5	50,791	2,568	0.0506	0.9494	2.91
77.5	48,223	1,185	0.0246	0.9754	2.76
78.5	47,038	270	0.0057	0.9943	2.70

PECO ENERGY COMPANY
ELECTRIC PLANT

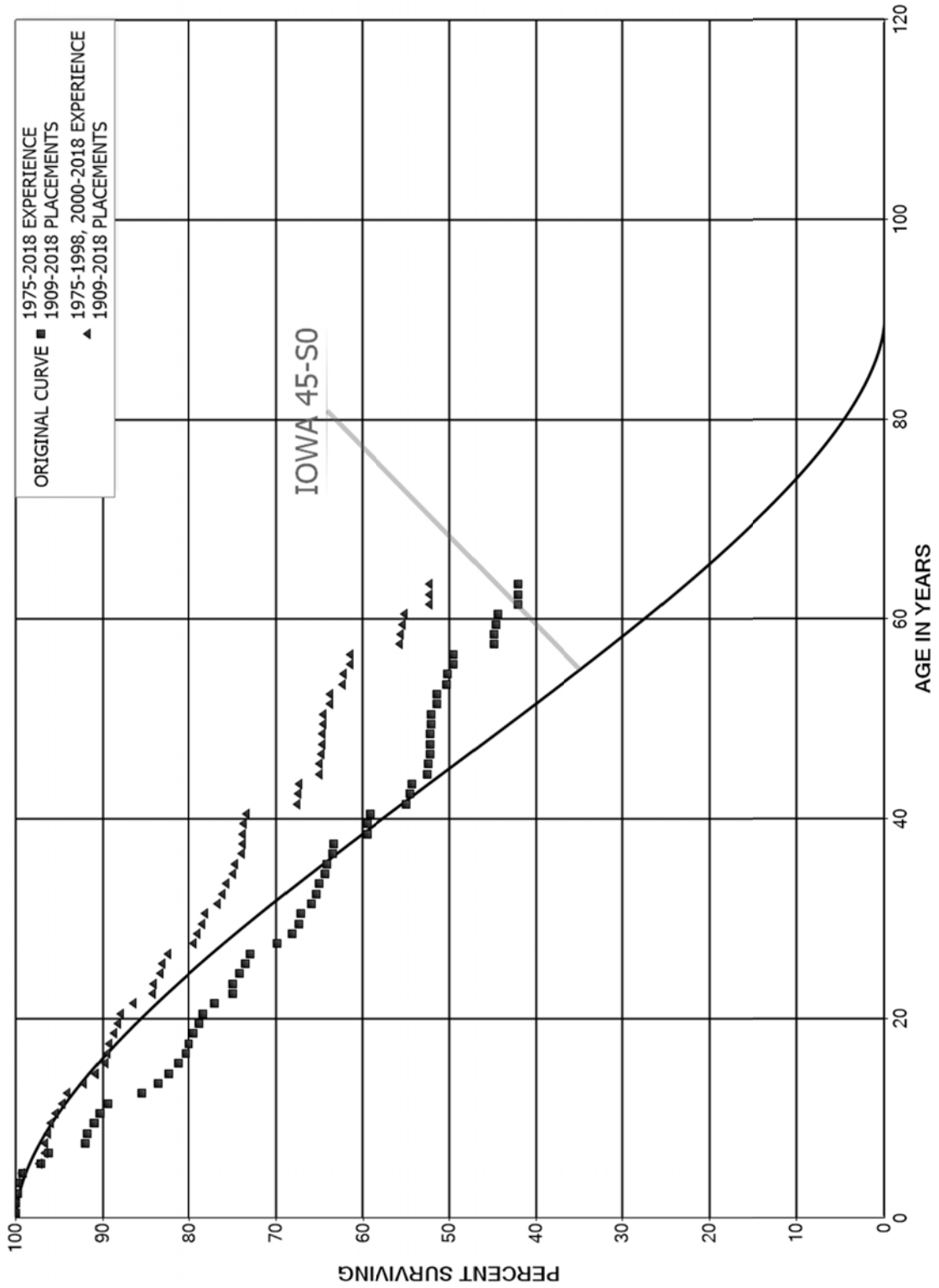
ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	46,768	311	0.0066	0.9934	2.68
80.5	46,457		0.0000	1.0000	2.66
81.5	46,457	1,057	0.0228	0.9772	2.66
82.5	45,400	32	0.0007	0.9993	2.60
83.5	45,368		0.0000	1.0000	2.60
84.5	45,368		0.0000	1.0000	2.60
85.5	45,368		0.0000	1.0000	2.60
86.5	45,368		0.0000	1.0000	2.60
87.5	45,368		0.0000	1.0000	2.60
88.5	45,368	1	0.0000	1.0000	2.60
89.5	45,367	99	0.0022	0.9978	2.60
90.5	45,268	4,389	0.0970	0.9030	2.59
91.5	40,879	8,281	0.2026	0.7974	2.34
92.5	32,598	13,356	0.4097	0.5903	1.87
93.5	19,242	6,267	0.3257	0.6743	1.10
94.5	12,975	5,323	0.4102	0.5898	0.74
95.5	7,652	4,033	0.5271	0.4729	0.44
96.5	3,619	2,432	0.6719	0.3281	0.21
97.5	1,187	481	0.4048	0.5952	0.07
98.5	707	635	0.8989	0.1011	0.04
99.5	71	60	0.8508	0.1492	0.00
100.5	10	7	0.7724	0.2276	0.00
101.5	2		0.0000	1.0000	0.00
102.5	1		0.0000	1.0000	0.00
103.5	0		0.0000	1.0000	0.00
104.5					0.00

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 390 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1909-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	47,607,787		0.0000	1.0000	100.00
0.5	49,031,079		0.0000	1.0000	100.00
1.5	46,631,112	105,165	0.0023	0.9977	100.00
2.5	46,006,651	41,469	0.0009	0.9991	99.77
3.5	44,138,967	227,902	0.0052	0.9948	99.68
4.5	42,295,583	875,908	0.0207	0.9793	99.17
5.5	43,580,824	398,839	0.0092	0.9908	97.12
6.5	40,486,564	1,798,460	0.0444	0.9556	96.23
7.5	37,954,025	102,928	0.0027	0.9973	91.95
8.5	31,540,987	253,953	0.0081	0.9919	91.70
9.5	30,707,927	241,453	0.0079	0.9921	90.97
10.5	30,324,839	302,872	0.0100	0.9900	90.25
11.5	30,170,980	1,307,398	0.0433	0.9567	89.35
12.5	33,809,279	718,307	0.0212	0.9788	85.48
13.5	33,879,513	493,230	0.0146	0.9854	83.66
14.5	33,420,892	474,202	0.0142	0.9858	82.44
15.5	29,085,594	328,158	0.0113	0.9887	81.27
16.5	29,426,890	121,604	0.0041	0.9959	80.36
17.5	27,293,898	184,273	0.0068	0.9932	80.02
18.5	27,078,995	237,779	0.0088	0.9912	79.48
19.5	26,581,530	122,078	0.0046	0.9954	78.79
20.5	18,920,521	322,411	0.0170	0.9830	78.42
21.5	18,541,962	507,225	0.0274	0.9726	77.09
22.5	17,651,427	15,860	0.0009	0.9991	74.98
23.5	16,455,967	171,387	0.0104	0.9896	74.91
24.5	16,143,771	124,873	0.0077	0.9923	74.13
25.5	14,244,002	114,853	0.0081	0.9919	73.56
26.5	11,736,611	496,768	0.0423	0.9577	72.96
27.5	11,253,039	273,620	0.0243	0.9757	69.88
28.5	10,800,055	125,161	0.0116	0.9884	68.18
29.5	10,151,480	38,437	0.0038	0.9962	67.39
30.5	9,788,085	180,912	0.0185	0.9815	67.13
31.5	9,299,500	66,198	0.0071	0.9929	65.89
32.5	7,750,882	46,145	0.0060	0.9940	65.42
33.5	7,102,334	72,736	0.0102	0.9898	65.03
34.5	6,646,436	23,409	0.0035	0.9965	64.37
35.5	6,430,322	64,477	0.0100	0.9900	64.14
36.5	5,988,259	12,019	0.0020	0.9980	63.50
37.5	5,858,985	352,826	0.0602	0.9398	63.37
38.5	4,992,357	2,313	0.0005	0.9995	59.55

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,967,972	29,569	0.0060	0.9940	59.53
40.5	4,926,107	347,590	0.0706	0.9294	59.17
41.5	5,125,288	47,809	0.0093	0.9907	55.00
42.5	5,239,730	13,794	0.0026	0.9974	54.48
43.5	5,225,786	178,843	0.0342	0.9658	54.34
44.5	3,944,279	4,075	0.0010	0.9990	52.48
45.5	3,948,015	15,297	0.0039	0.9961	52.43
46.5	3,954,388	6,218	0.0016	0.9984	52.22
47.5	3,957,952	271	0.0001	0.9999	52.14
48.5	3,955,828	4,053	0.0010	0.9990	52.14
49.5	1,025,663	941	0.0009	0.9991	52.08
50.5	1,010,274	11,801	0.0117	0.9883	52.04
51.5	1,016,381	932	0.0009	0.9991	51.43
52.5	1,006,984	22,365	0.0222	0.9778	51.38
53.5	986,612	719	0.0007	0.9993	50.24
54.5	960,977	12,869	0.0134	0.9866	50.20
55.5	3,262,315		0.0000	1.0000	49.53
56.5	3,127,592	293,501	0.0938	0.9062	49.53
57.5	2,776,655	2,518	0.0009	0.9991	44.88
58.5	2,767,808	14,643	0.0053	0.9947	44.84
59.5	2,735,017	10,268	0.0038	0.9962	44.60
60.5	2,216,860	115,678	0.0522	0.9478	44.44
61.5	2,100,024	414	0.0002	0.9998	42.12
62.5	2,088,614	101	0.0000	1.0000	42.11
63.5	305,468		0.0000	1.0000	42.11
64.5	304,037	3,350	0.0110	0.9890	42.11
65.5	304,575	215,824	0.7086	0.2914	41.64
66.5	87,682	3,889	0.0443	0.9557	12.13
67.5	82,417		0.0000	1.0000	11.60
68.5	76,277		0.0000	1.0000	11.60
69.5	61,463	681	0.0111	0.9889	11.60
70.5	60,566	61	0.0010	0.9990	11.47
71.5	60,505	4,669	0.0772	0.9228	11.46
72.5	36,257		0.0000	1.0000	10.57
73.5	36,257	182	0.0050	0.9950	10.57
74.5	36,075		0.0000	1.0000	10.52
75.5	36,075		0.0000	1.0000	10.52
76.5	36,075		0.0000	1.0000	10.52
77.5	35,920	834	0.0232	0.9768	10.52
78.5	35,085		0.0000	1.0000	10.28

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	35,062		0.0000	1.0000	10.28
80.5	35,062		0.0000	1.0000	10.28
81.5	35,062	202	0.0058	0.9942	10.28
82.5	34,860		0.0000	1.0000	10.22
83.5	20,832		0.0000	1.0000	10.22
84.5	20,832		0.0000	1.0000	10.22
85.5	20,832		0.0000	1.0000	10.22
86.5	20,832		0.0000	1.0000	10.22
87.5	19,756		0.0000	1.0000	10.22
88.5	19,756		0.0000	1.0000	10.22
89.5	5,751		0.0000	1.0000	10.22
90.5	5,751		0.0000	1.0000	10.22
91.5					10.22
92.5					
93.5	292		0.0000		
94.5	292	292	1.0000		
95.5					

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1909-2018 EXPERIENCE BAND 1975-1998, 2000-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	47,607,787		0.0000	1.0000	100.00
0.5	49,031,079		0.0000	1.0000	100.00
1.5	46,631,112	105,165	0.0023	0.9977	100.00
2.5	45,896,320	41,469	0.0009	0.9991	99.77
3.5	43,977,512	227,902	0.0052	0.9948	99.68
4.5	42,256,220	864,048	0.0204	0.9796	99.17
5.5	39,248,526	242,732	0.0062	0.9938	97.14
6.5	35,912,044	26,468	0.0007	0.9993	96.54
7.5	37,952,996	102,928	0.0027	0.9973	96.47
8.5	28,544,610	126,298	0.0044	0.9956	96.21
9.5	30,575,999	149,593	0.0049	0.9951	95.78
10.5	29,003,026	260,618	0.0090	0.9910	95.31
11.5	27,640,287	133,377	0.0048	0.9952	94.46
12.5	32,181,738	653,831	0.0203	0.9797	94.00
13.5	33,378,666	493,230	0.0148	0.9852	92.09
14.5	33,257,449	396,069	0.0119	0.9881	90.73
15.5	28,685,018	67,015	0.0023	0.9977	89.65
16.5	29,198,696	72,708	0.0025	0.9975	89.44
17.5	27,173,177	181,931	0.0067	0.9933	89.22
18.5	26,823,333	130,636	0.0049	0.9951	88.62
19.5	26,494,620	102,763	0.0039	0.9961	88.19
20.5	18,902,036	315,193	0.0167	0.9833	87.85
21.5	18,498,498	481,588	0.0260	0.9740	86.38
22.5	17,648,866	14,704	0.0008	0.9992	84.13
23.5	16,360,505	149,238	0.0091	0.9909	84.06
24.5	14,776,140	48,303	0.0033	0.9967	83.30
25.5	14,237,443	114,487	0.0080	0.9920	83.02
26.5	11,643,252	411,041	0.0353	0.9647	82.36
27.5	11,044,911	65,492	0.0059	0.9941	79.45
28.5	10,743,352	71,759	0.0067	0.9933	78.98
29.5	7,672,115	37,760	0.0049	0.9951	78.45
30.5	9,774,225	176,481	0.0181	0.9819	78.06
31.5	9,299,500	66,198	0.0071	0.9929	76.65
32.5	7,744,149	46,145	0.0060	0.9940	76.11
33.5	7,102,334	72,736	0.0102	0.9898	75.65
34.5	6,637,355	22,397	0.0034	0.9966	74.88
35.5	6,398,977	64,477	0.0101	0.9899	74.63
36.5	5,986,462	11,502	0.0019	0.9981	73.88
37.5	5,500,855	3,186	0.0006	0.9994	73.73
38.5	4,979,978	2,313	0.0005	0.9995	73.69

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2018			EXPERIENCE BAND 1975-1998, 2000-2018		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,966,433	28,301	0.0057	0.9943	73.66
40.5	4,403,661	347,590	0.0789	0.9211	73.24
41.5	5,078,698	1,219	0.0002	0.9998	67.46
42.5	5,239,730	13,794	0.0026	0.9974	67.44
43.5	5,225,688	178,843	0.0342	0.9658	67.26
44.5	3,941,109	1,866	0.0005	0.9995	64.96
45.5	3,901,276	15,297	0.0039	0.9961	64.93
46.5	3,950,671	3,483	0.0009	0.9991	64.67
47.5	3,956,575	271	0.0001	0.9999	64.62
48.5	3,949,878	4,053	0.0010	0.9990	64.61
49.5	1,012,090	941	0.0009	0.9991	64.55
50.5	1,009,951	11,801	0.0117	0.9883	64.49
51.5	1,016,306	857	0.0008	0.9992	63.73
52.5	986,934	22,365	0.0227	0.9773	63.68
53.5	986,612	719	0.0007	0.9993	62.24
54.5	960,890	12,869	0.0134	0.9866	62.19
55.5	3,262,315		0.0000	1.0000	61.36
56.5	3,127,402	293,501	0.0938	0.9062	61.36
57.5	2,775,284	2,518	0.0009	0.9991	55.60
58.5	2,767,808	14,643	0.0053	0.9947	55.55
59.5	2,735,017	10,268	0.0038	0.9962	55.26
60.5	2,216,860	115,678	0.0522	0.9478	55.05
61.5	2,100,024	414	0.0002	0.9998	52.18
62.5	2,088,614	101	0.0000	1.0000	52.17
63.5	305,418		0.0000	1.0000	52.16
64.5	304,037	3,350	0.0110	0.9890	52.16
65.5	304,550	215,824	0.7087	0.2913	51.59
66.5	87,682	3,889	0.0443	0.9557	15.03
67.5	81,318		0.0000	1.0000	14.36
68.5	76,277		0.0000	1.0000	14.36
69.5	46,415		0.0000	1.0000	14.36
70.5	60,505		0.0000	1.0000	14.36
71.5	36,106		0.0000	1.0000	14.36
72.5	36,257		0.0000	1.0000	14.36
73.5	36,235	160	0.0044	0.9956	14.36
74.5	36,075		0.0000	1.0000	14.30
75.5	36,075		0.0000	1.0000	14.30
76.5	36,075		0.0000	1.0000	14.30
77.5	35,085		0.0000	1.0000	14.30
78.5	35,085		0.0000	1.0000	14.30

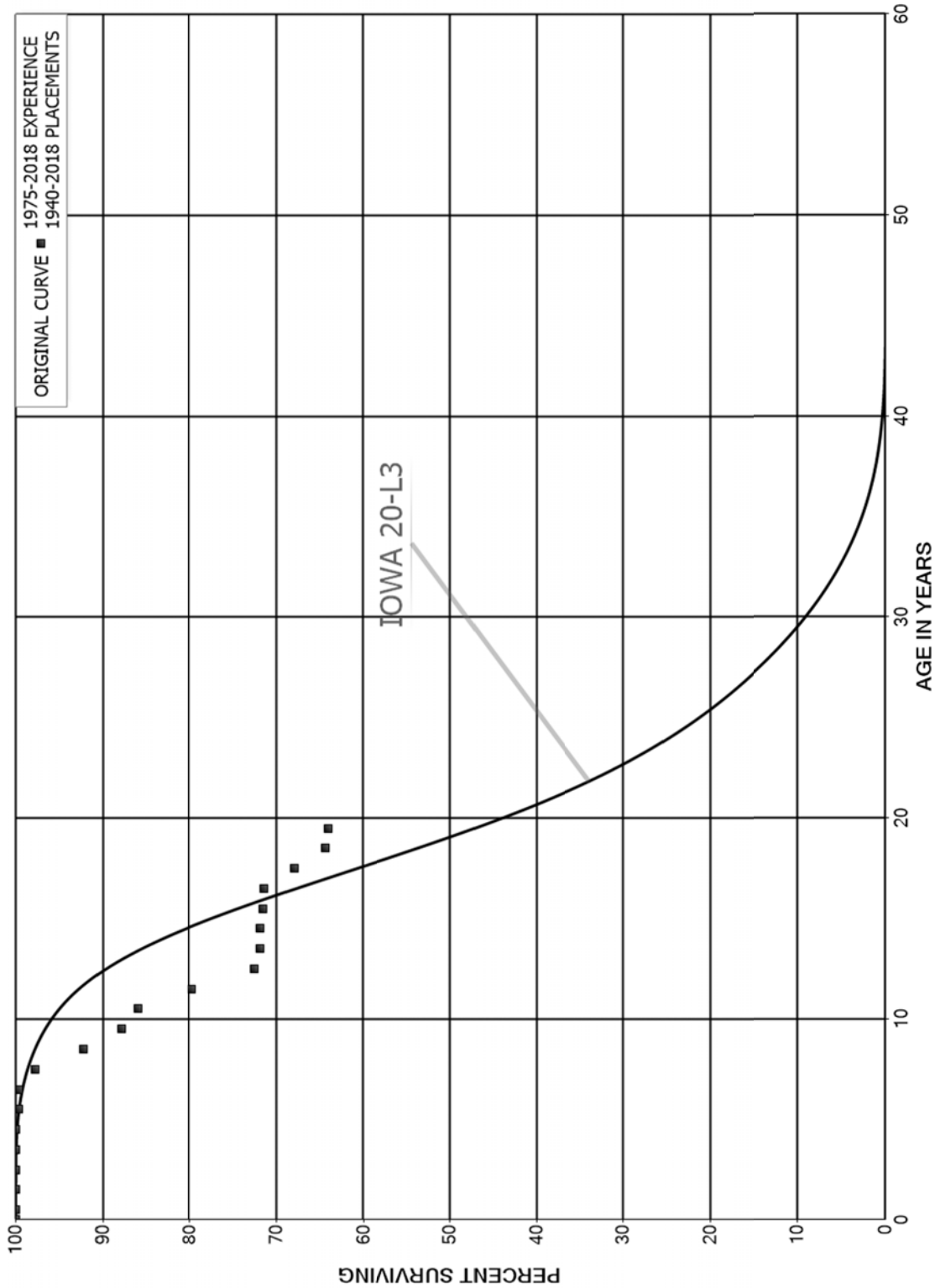
PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2018			EXPERIENCE BAND 1975-1998, 2000-2018		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	35,062		0.0000	1.0000	14.30
80.5	35,062		0.0000	1.0000	14.30
81.5	35,062	202	0.0058	0.9942	14.30
82.5	34,860		0.0000	1.0000	14.22
83.5	20,832		0.0000	1.0000	14.22
84.5	20,832		0.0000	1.0000	14.22
85.5	20,832		0.0000	1.0000	14.22
86.5	20,832		0.0000	1.0000	14.22
87.5	19,756		0.0000	1.0000	14.22
88.5	19,756		0.0000	1.0000	14.22
89.5	5,751		0.0000	1.0000	14.22
90.5	5,751		0.0000	1.0000	14.22
91.5					14.22
92.5					
93.5	292		0.0000		
94.5	292	292	1.0000		
95.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 397 COMMUNICATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 397 COMMUNICATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1940-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	138,516,724		0.0000	1.0000	100.00
0.5	128,141,952		0.0000	1.0000	100.00
1.5	125,690,534	32,447	0.0003	0.9997	100.00
2.5	115,500,597		0.0000	1.0000	99.97
3.5	109,386,124		0.0000	1.0000	99.97
4.5	86,800,469	267,101	0.0031	0.9969	99.97
5.5	80,000,193	8,570	0.0001	0.9999	99.67
6.5	75,941,464	1,484,466	0.0195	0.9805	99.66
7.5	40,683,541	2,299,748	0.0565	0.9435	97.71
8.5	15,494,080	733,556	0.0473	0.9527	92.18
9.5	14,181,201	299,499	0.0211	0.9789	87.82
10.5	5,448,563	396,601	0.0728	0.9272	85.97
11.5	4,174,468	379,737	0.0910	0.9090	79.71
12.5	3,604,074	30,215	0.0084	0.9916	72.46
13.5	3,629,220	3,290	0.0009	0.9991	71.85
14.5	3,654,487	12,361	0.0034	0.9966	71.78
15.5	3,329,845	5,971	0.0018	0.9982	71.54
16.5	2,170,722	106,464	0.0490	0.9510	71.41
17.5	2,073,159	106,659	0.0514	0.9486	67.91
18.5	1,984,001	11,342	0.0057	0.9943	64.42
19.5	1,975,926	614,917	0.3112	0.6888	64.05
20.5	1,334,031	9,497	0.0071	0.9929	44.12
21.5	1,324,534	475,177	0.3588	0.6412	43.80
22.5	849,357	13,302	0.0157	0.9843	28.09
23.5	836,228	663	0.0008	0.9992	27.65
24.5	838,349	46,425	0.0554	0.9446	27.63
25.5	791,924	9,146	0.0115	0.9885	26.10
26.5	782,777		0.0000	1.0000	25.80
27.5	782,777	16,988	0.0217	0.9783	25.80
28.5	765,789	192,730	0.2517	0.7483	25.24
29.5	573,059	4,830	0.0084	0.9916	18.88
30.5	573,661		0.0000	1.0000	18.73
31.5	573,661	95,295	0.1661	0.8339	18.73
32.5	478,366	52,705	0.1102	0.8898	15.61
33.5	425,661		0.0000	1.0000	13.89
34.5	426,297		0.0000	1.0000	13.89
35.5	426,297	18,913	0.0444	0.9556	13.89
36.5	407,384		0.0000	1.0000	13.28
37.5	407,384		0.0000	1.0000	13.28
38.5	407,384	1,560	0.0038	0.9962	13.28

PECO ENERGY COMPANY
ELECTRIC PLANT

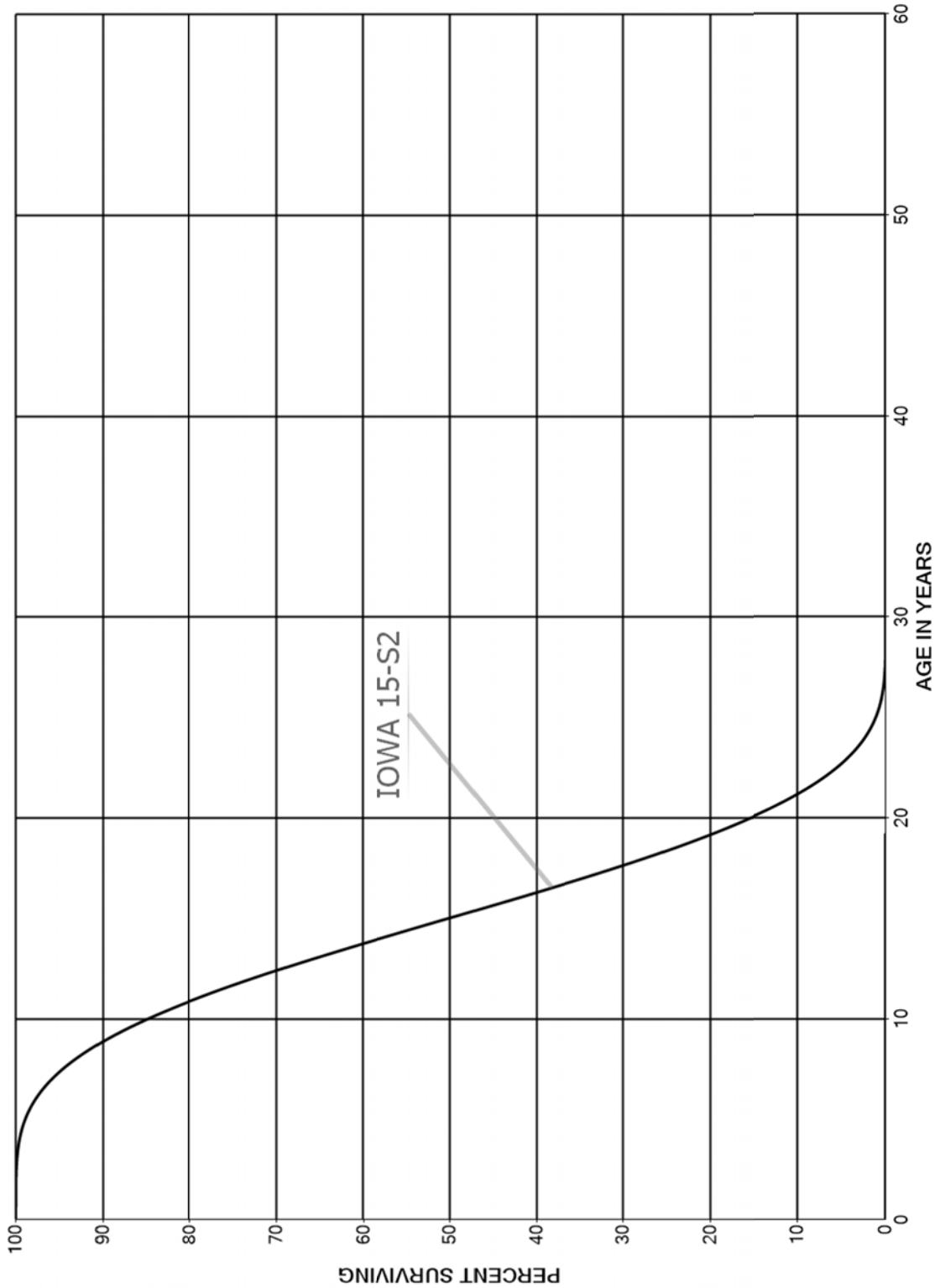
ACCOUNT 397 COMMUNICATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1940-2018 EXPERIENCE BAND 1975-2018

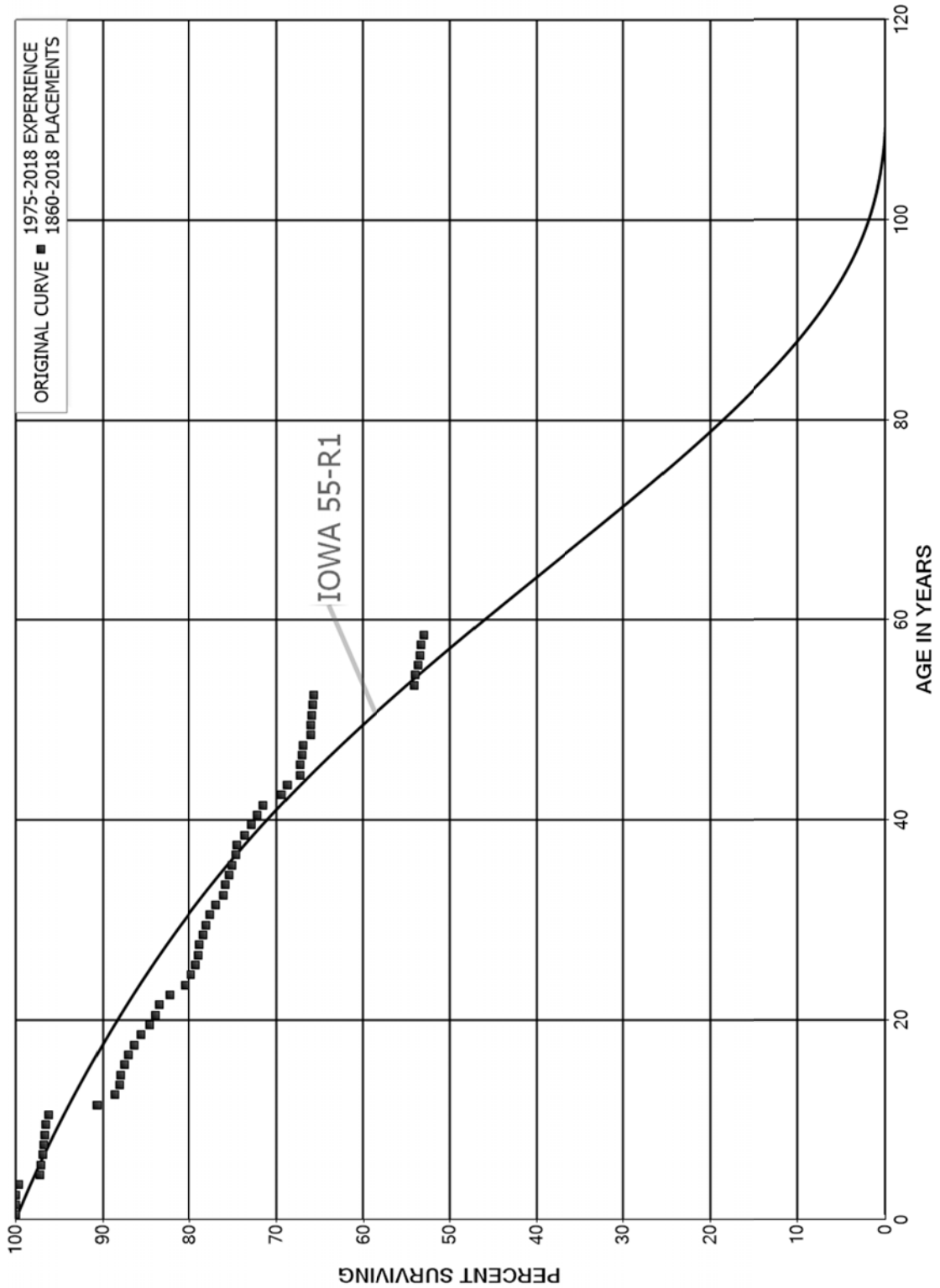
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	405,824	20,375	0.0502	0.9498	13.23
40.5	385,448	15,574	0.0404	0.9596	12.56
41.5	369,875	22,393	0.0605	0.9395	12.06
42.5	347,481	20,043	0.0577	0.9423	11.33
43.5	327,438	24,175	0.0738	0.9262	10.67
44.5	303,264	28,660	0.0945	0.9055	9.88
45.5	274,604	28,756	0.1047	0.8953	8.95
46.5	245,848	1,397	0.0057	0.9943	8.01
47.5	244,451	24,025	0.0983	0.9017	7.97
48.5	220,427	43,642	0.1980	0.8020	7.18
49.5	176,785	27,233	0.1540	0.8460	5.76
50.5	149,552	49,558	0.3314	0.6686	4.87
51.5	99,994	3,138	0.0314	0.9686	3.26
52.5	96,856	46,687	0.4820	0.5180	3.16
53.5	50,168	9,432	0.1880	0.8120	1.64
54.5	40,736	14,382	0.3531	0.6469	1.33
55.5	26,354	6,398	0.2428	0.7572	0.86
56.5	19,956	6,734	0.3374	0.6626	0.65
57.5	13,222	4,197	0.3174	0.6826	0.43
58.5	9,025		0.0000	1.0000	0.29
59.5	9,025	173	0.0191	0.9809	0.29
60.5	8,852		0.0000	1.0000	0.29
61.5	8,852		0.0000	1.0000	0.29
62.5	8,852		0.0000	1.0000	0.29
63.5	8,852	2,784	0.3145	0.6855	0.29
64.5	6,068		0.0000	1.0000	0.20
65.5	6,068		0.0000	1.0000	0.20
66.5	6,068		0.0000	1.0000	0.20
67.5	6,068		0.0000	1.0000	0.20
68.5	6,068		0.0000	1.0000	0.20
69.5	6,068	5,432	0.8952	0.1048	0.20
70.5	636		0.0000	1.0000	0.02
71.5	636		0.0000	1.0000	0.02
72.5	636		0.0000	1.0000	0.02
73.5	636	636	1.0000		0.02
74.5					

PECO ENERGY COMPANY
ELECTRIC PLANT
ACCOUNT 397.1 COMMUNICATION EQUIPMENT - SMART METERS
SMOOTH SURVIVOR CURVE



COMMON PLANT

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 390 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1860-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	292,853,441	20,000	0.0001	0.9999	100.00
0.5	285,873,379	145,482	0.0005	0.9995	99.99
1.5	273,480,741	105,866	0.0004	0.9996	99.94
2.5	301,063,823	859,482	0.0029	0.9971	99.90
3.5	296,622,024	7,209,641	0.0243	0.9757	99.62
4.5	289,511,319	260,414	0.0009	0.9991	97.20
5.5	282,811,290	958,706	0.0034	0.9966	97.11
6.5	281,223,194	241,851	0.0009	0.9991	96.78
7.5	276,769,471	235,933	0.0009	0.9991	96.70
8.5	251,545,442	244,508	0.0010	0.9990	96.61
9.5	236,895,000	727,661	0.0031	0.9969	96.52
10.5	229,662,228	13,455,307	0.0586	0.9414	96.22
11.5	211,448,185	4,595,056	0.0217	0.9783	90.59
12.5	201,582,600	1,201,238	0.0060	0.9940	88.62
13.5	199,620,656	391,150	0.0020	0.9980	88.09
14.5	196,578,538	877,725	0.0045	0.9955	87.92
15.5	173,363,839	942,955	0.0054	0.9946	87.53
16.5	169,500,443	1,184,423	0.0070	0.9930	87.05
17.5	167,130,081	1,651,892	0.0099	0.9901	86.44
18.5	166,476,907	1,956,623	0.0118	0.9882	85.59
19.5	164,918,666	1,330,631	0.0081	0.9919	84.58
20.5	119,273,329	498,251	0.0042	0.9958	83.90
21.5	112,921,372	1,687,624	0.0149	0.9851	83.55
22.5	109,669,541	2,396,285	0.0219	0.9781	82.30
23.5	83,608,953	741,223	0.0089	0.9911	80.50
24.5	79,723,434	550,453	0.0069	0.9931	79.79
25.5	71,632,184	229,199	0.0032	0.9968	79.24
26.5	66,990,261	138,609	0.0021	0.9979	78.98
27.5	64,244,880	354,190	0.0055	0.9945	78.82
28.5	62,032,038	273,112	0.0044	0.9956	78.38
29.5	61,336,288	325,800	0.0053	0.9947	78.04
30.5	59,990,347	499,533	0.0083	0.9917	77.62
31.5	57,628,789	645,789	0.0112	0.9888	76.98
32.5	55,789,886	167,928	0.0030	0.9970	76.12
33.5	55,036,871	338,281	0.0061	0.9939	75.89
34.5	52,933,832	221,682	0.0042	0.9958	75.42
35.5	51,531,510	372,088	0.0072	0.9928	75.10
36.5	50,843,099	51,156	0.0010	0.9990	74.56
37.5	49,778,300	607,222	0.0122	0.9878	74.49
38.5	48,769,958	488,982	0.0100	0.9900	73.58

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1860-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	48,293,778	409,028	0.0085	0.9915	72.84
40.5	47,492,955	444,730	0.0094	0.9906	72.22
41.5	46,322,318	1,394,186	0.0301	0.9699	71.55
42.5	44,821,885	414,145	0.0092	0.9908	69.39
43.5	44,365,968	913,296	0.0206	0.9794	68.75
44.5	43,381,314	44,154	0.0010	0.9990	67.34
45.5	43,066,880	136,973	0.0032	0.9968	67.27
46.5	16,761,748	26,728	0.0016	0.9984	67.06
47.5	16,771,601	220,864	0.0132	0.9868	66.95
48.5	12,158,262	9,511	0.0008	0.9992	66.07
49.5	12,145,058	6,898	0.0006	0.9994	66.02
50.5	8,969,462	17,665	0.0020	0.9980	65.98
51.5	8,413,523	18,884	0.0022	0.9978	65.85
52.5	8,391,474	1,489,638	0.1775	0.8225	65.70
53.5	6,706,322	11,752	0.0018	0.9982	54.04
54.5	6,683,361	37,224	0.0056	0.9944	53.94
55.5	4,203,252	23,497	0.0056	0.9944	53.64
56.5	4,167,732	2,475	0.0006	0.9994	53.34
57.5	3,361,704	21,365	0.0064	0.9936	53.31
58.5	3,288,513	28,657	0.0087	0.9913	52.97
59.5	2,742,420	13,170	0.0048	0.9952	52.51
60.5	2,616,214	5,565	0.0021	0.9979	52.26
61.5	2,563,769	8,735	0.0034	0.9966	52.15
62.5	1,159,487	3,288	0.0028	0.9972	51.97
63.5	1,143,644	20,784	0.0182	0.9818	51.82
64.5	1,121,118	11,694	0.0104	0.9896	50.88
65.5	1,030,175	1,332	0.0013	0.9987	50.35
66.5	956,605	1,355	0.0014	0.9986	50.28
67.5	930,562		0.0000	1.0000	50.21
68.5	927,425	2,039	0.0022	0.9978	50.21
69.5	865,647	96,338	0.1113	0.8887	50.10
70.5	769,070	2,952	0.0038	0.9962	44.53
71.5	765,524		0.0000	1.0000	44.36
72.5	764,406	6,638	0.0087	0.9913	44.36
73.5	757,768	316	0.0004	0.9996	43.97
74.5	305,172	9,660	0.0317	0.9683	43.95
75.5	295,513	4,965	0.0168	0.9832	42.56
76.5	286,572	18,852	0.0658	0.9342	41.85
77.5	266,504	8,602	0.0323	0.9677	39.09
78.5	248,396	108	0.0004	0.9996	37.83

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1860-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	248,311	8,300	0.0334	0.9666	37.81
80.5	231,701	1,542	0.0067	0.9933	36.55
81.5	179,528	19,278	0.1074	0.8926	36.31
82.5	161,069		0.0000	1.0000	32.41
83.5	169,631		0.0000	1.0000	32.41
84.5	169,631	201	0.0012	0.9988	32.41
85.5	169,405		0.0000	1.0000	32.37
86.5	169,405	2,543	0.0150	0.9850	32.37
87.5	166,458		0.0000	1.0000	31.88
88.5	166,336	3,206	0.0193	0.9807	31.88
89.5	163,131	111,106	0.6811	0.3189	31.27
90.5	52,024		0.0000	1.0000	9.97
91.5	38,046	222	0.0058	0.9942	9.97
92.5	37,824		0.0000	1.0000	9.91
93.5	31,885	22,859	0.7169	0.2831	9.91
94.5	3,118		0.0000	1.0000	2.81
95.5	3,118		0.0000	1.0000	2.81
96.5	2,885		0.0000	1.0000	2.81
97.5	2,885		0.0000	1.0000	2.81
98.5	2,885		0.0000	1.0000	2.81
99.5	2,885		0.0000	1.0000	2.81
100.5	2,885		0.0000	1.0000	2.81
101.5	2,885	151	0.0523	0.9477	2.81
102.5	2,734		0.0000	1.0000	2.66
103.5	2,734		0.0000	1.0000	2.66
104.5	819		0.0000	1.0000	2.66
105.5	819		0.0000	1.0000	2.66
106.5	819		0.0000	1.0000	2.66
107.5	819		0.0000	1.0000	2.66
108.5	819		0.0000	1.0000	2.66
109.5	819		0.0000	1.0000	2.66
110.5	819		0.0000	1.0000	2.66
111.5	819		0.0000	1.0000	2.66
112.5	819		0.0000	1.0000	2.66
113.5	819		0.0000	1.0000	2.66
114.5	1,359		0.0000	1.0000	2.66
115.5	1,359		0.0000	1.0000	2.66
116.5	1,359		0.0000	1.0000	2.66
117.5	1,359		0.0000	1.0000	2.66
118.5	1,359	540	0.3973	0.6027	2.66

PECO ENERGY COMPANY
COMMON PLANT

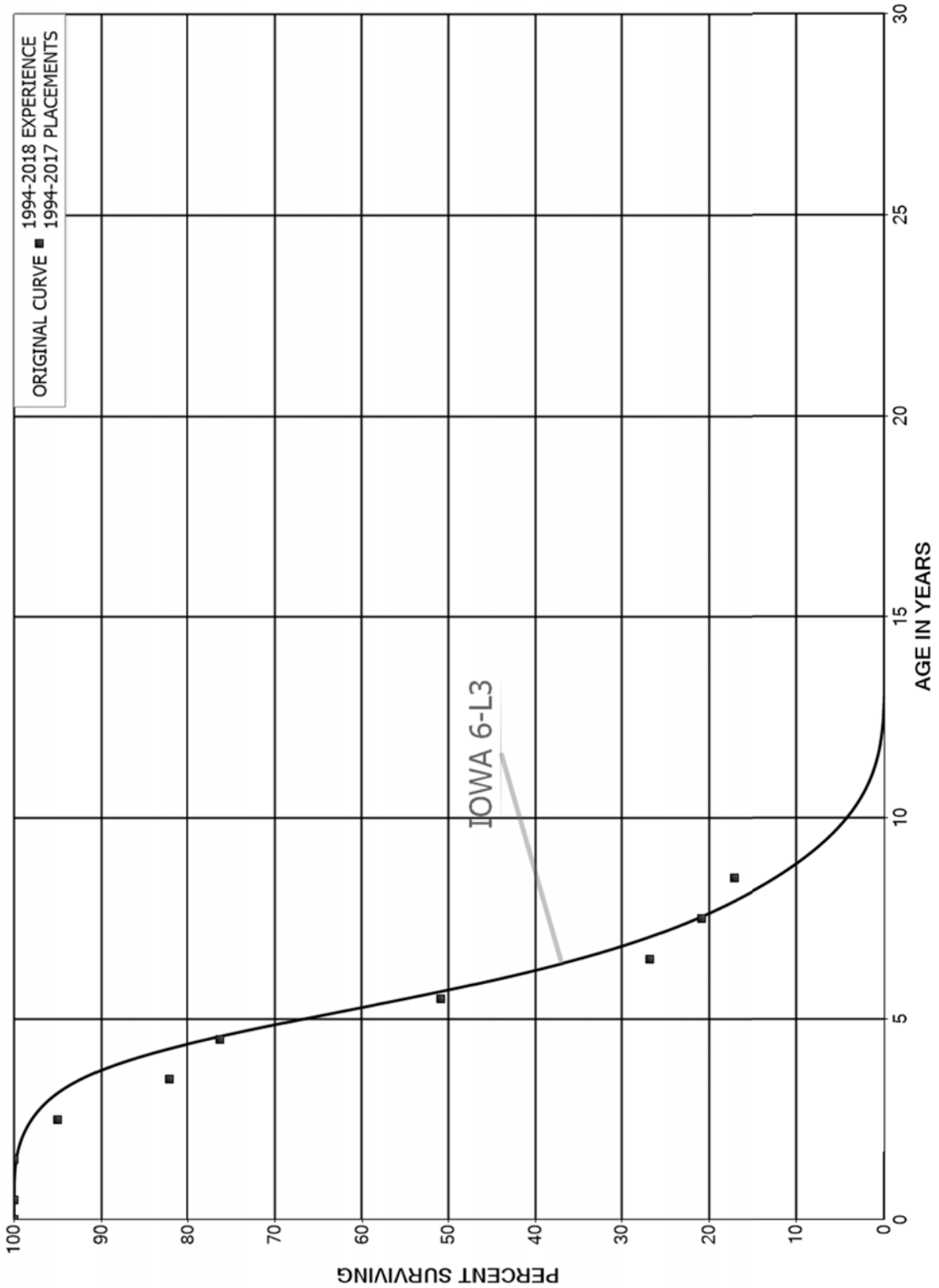
ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1860-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
119.5	819		0.0000	1.0000	1.60
120.5	819	156	0.1904	0.8096	1.60
121.5	663		0.0000	1.0000	1.30
122.5	663		0.0000	1.0000	1.30
123.5	663		0.0000	1.0000	1.30
124.5	663		0.0000	1.0000	1.30
125.5	663		0.0000	1.0000	1.30
126.5					1.30

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - AUTOMOBILES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

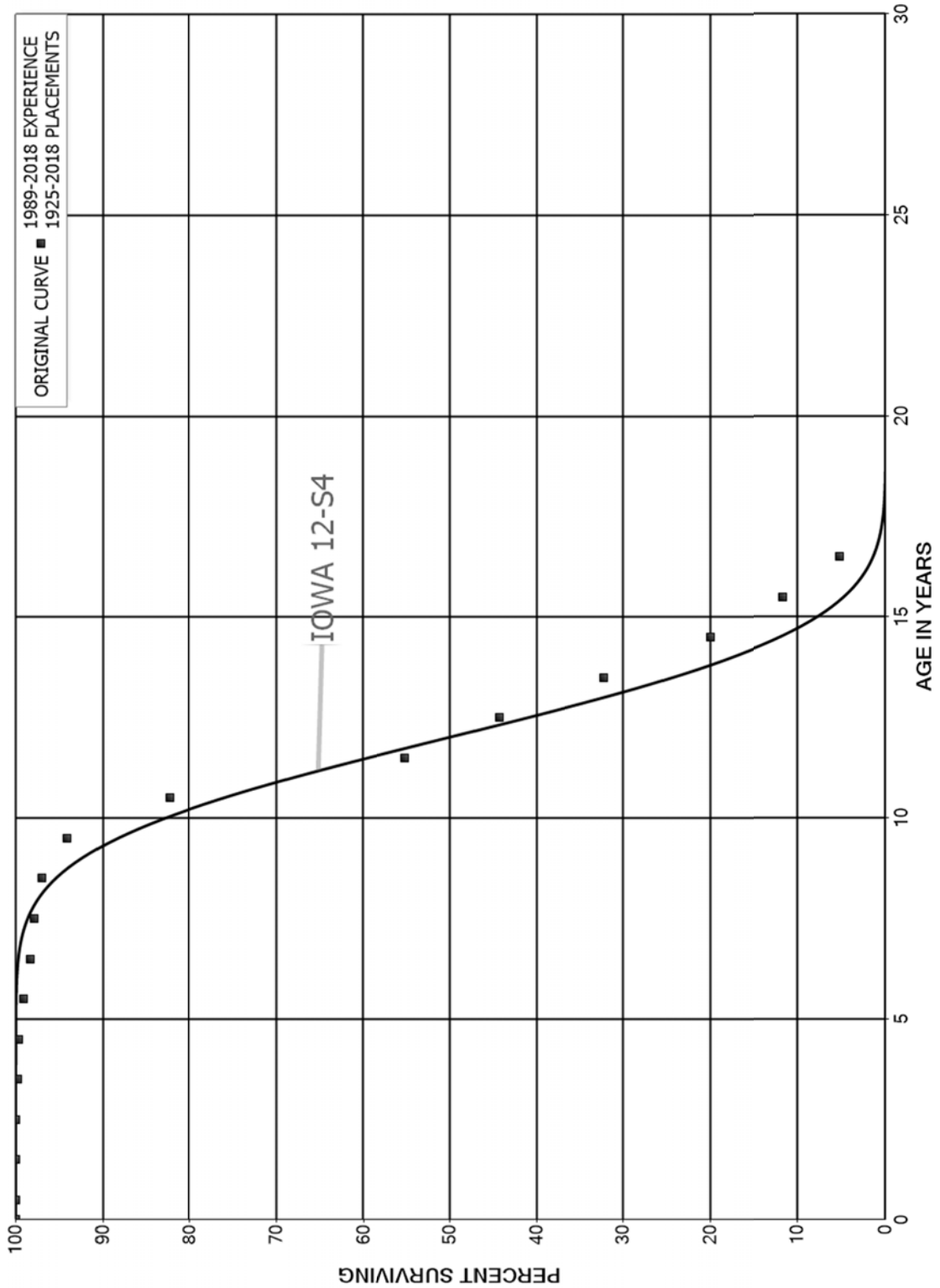
ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - AUTOMOBILES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1994-2017 EXPERIENCE BAND 1994-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	626,684		0.0000	1.0000	100.00
0.5	626,684		0.0000	1.0000	100.00
1.5	624,378	31,533	0.0505	0.9495	100.00
2.5	592,845	79,818	0.1346	0.8654	94.95
3.5	512,275	36,949	0.0721	0.9279	82.17
4.5	475,326	158,583	0.3336	0.6664	76.24
5.5	316,743	150,072	0.4738	0.5262	50.80
6.5	166,671	36,785	0.2207	0.7793	26.73
7.5	129,886	23,593	0.1816	0.8184	20.83
8.5	106,293		0.0000	1.0000	17.05
9.5	106,293	15,711	0.1478	0.8522	17.05
10.5	90,582		0.0000	1.0000	14.53
11.5	90,582		0.0000	1.0000	14.53
12.5	90,582		0.0000	1.0000	14.53
13.5	90,582		0.0000	1.0000	14.53
14.5	90,582		0.0000	1.0000	14.53
15.5	90,582		0.0000	1.0000	14.53
16.5					14.53

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1989-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	49,586,779		0.0000	1.0000	100.00
0.5	46,845,477		0.0000	1.0000	100.00
1.5	44,004,759	11,997	0.0003	0.9997	100.00
2.5	38,906,566	105,422	0.0027	0.9973	99.97
3.5	37,314,216	36,949	0.0010	0.9990	99.70
4.5	32,949,084	159,908	0.0049	0.9951	99.60
5.5	29,593,456	258,196	0.0087	0.9913	99.12
6.5	28,541,829	111,576	0.0039	0.9961	98.25
7.5	27,160,269	244,783	0.0090	0.9910	97.87
8.5	22,827,473	683,232	0.0299	0.9701	96.99
9.5	21,482,209	2,682,687	0.1249	0.8751	94.09
10.5	18,002,322	5,935,440	0.3297	0.6703	82.34
11.5	11,467,149	2,266,049	0.1976	0.8024	55.19
12.5	8,793,544	2,396,461	0.2725	0.7275	44.28
13.5	6,268,890	2,382,360	0.3800	0.6200	32.22
14.5	3,928,528	1,644,933	0.4187	0.5813	19.97
15.5	2,233,736	1,232,525	0.5518	0.4482	11.61
16.5	259,329	90,943	0.3507	0.6493	5.20
17.5	172,822	33,567	0.1942	0.8058	3.38
18.5	162,664	51,133	0.3143	0.6857	2.72
19.5	138,830	19,213	0.1384	0.8616	1.87
20.5	138,917	22,499	0.1620	0.8380	1.61
21.5	122,569	13,368	0.1091	0.8909	1.35
22.5	109,200	1,932	0.0177	0.9823	1.20
23.5	110,421	7,593	0.0688	0.9312	1.18
24.5	103,475	62,733	0.6063	0.3937	1.10
25.5	49,964	2,348	0.0470	0.9530	0.43
26.5	48,820	9,941	0.2036	0.7964	0.41
27.5	42,894	2,939	0.0685	0.9315	0.33
28.5	41,531	12,257	0.2951	0.7049	0.31
29.5	34,074	7,519	0.2207	0.7793	0.22
30.5	27,660	9,601	0.3471	0.6529	0.17
31.5	19,361	2,226	0.1150	0.8850	0.11
32.5	17,440	5,929	0.3400	0.6600	0.10
33.5	22,354	720	0.0322	0.9678	0.06
34.5	22,434	10,194	0.4544	0.5456	0.06
35.5	12,240	6,040	0.4934	0.5066	0.03
36.5	6,200	462	0.0746	0.9254	0.02
37.5	5,738	1,834	0.3196	0.6804	0.02
38.5	4,211	116	0.0276	0.9724	0.01

PECO ENERGY COMPANY
COMMON PLANT

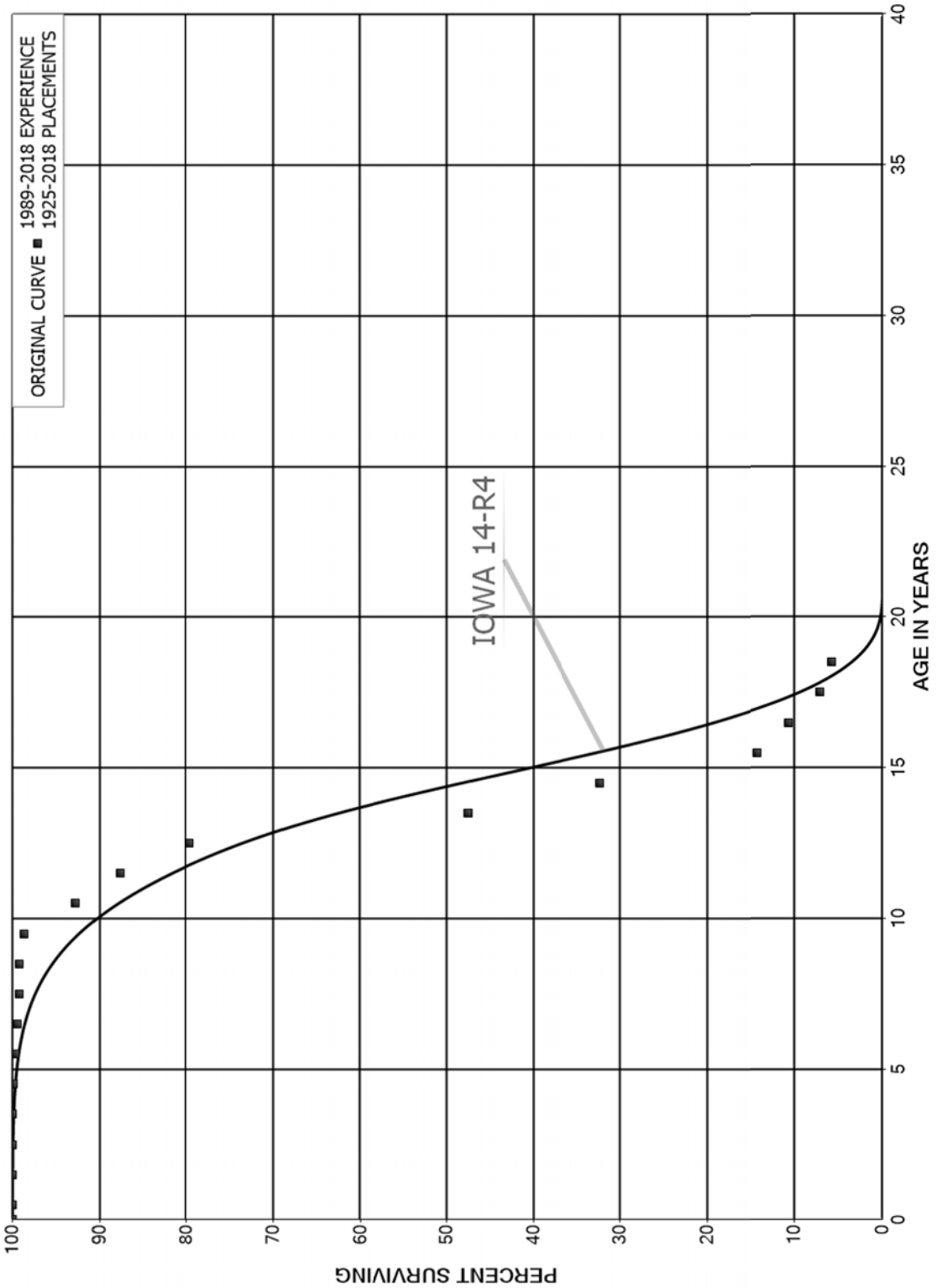
ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1989-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,468	307	0.0688	0.9312	0.01
40.5	5,441	1,105	0.2032	0.7968	0.01
41.5	4,335	415	0.0957	0.9043	0.01
42.5	3,955	221	0.0560	0.9440	0.01
43.5	3,733	1,744	0.4671	0.5329	0.01
44.5	1,989	354	0.1780	0.8220	0.00
45.5	1,635		0.0000	1.0000	0.00
46.5	1,635		0.0000	1.0000	0.00
47.5	1,793	158	0.0879	0.9121	0.00
48.5	1,635		0.0000	1.0000	0.00
49.5	1,635	321	0.1964	0.8036	0.00
50.5	1,314	1,280	0.9741	0.0259	0.00
51.5	34		0.0000	1.0000	0.00
52.5	34	34	1.0000		0.00
53.5					
54.5					
55.5					
56.5					
57.5					
58.5					
59.5	781	432	0.5531		
60.5	349	349	1.0000		
61.5					
62.5	92		0.0000		
63.5	225	92	0.4068		
64.5	133	133	1.0000		
65.5					

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.3 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.3 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1989-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	114,477,278		0.0000	1.0000	100.00
0.5	109,693,137		0.0000	1.0000	100.00
1.5	102,709,459	11,997	0.0001	0.9999	100.00
2.5	95,649,976	79,818	0.0008	0.9992	99.99
3.5	92,414,445	106,819	0.0012	0.9988	99.90
4.5	81,887,805	159,908	0.0020	0.9980	99.79
5.5	74,235,888	172,821	0.0023	0.9977	99.59
6.5	69,366,233	103,910	0.0015	0.9985	99.36
7.5	65,217,945	14,382	0.0002	0.9998	99.21
8.5	57,310,841	312,849	0.0055	0.9945	99.19
9.5	53,840,816	3,204,465	0.0595	0.9405	98.65
10.5	42,346,858	2,361,344	0.0558	0.9442	92.78
11.5	35,716,475	3,249,703	0.0910	0.9090	87.61
12.5	30,394,321	12,246,918	0.4029	0.5971	79.63
13.5	18,085,941	5,799,113	0.3206	0.6794	47.55
14.5	11,456,046	6,424,106	0.5608	0.4392	32.30
15.5	5,071,946	1,281,529	0.2527	0.7473	14.19
16.5	3,806,176	1,253,951	0.3295	0.6705	10.60
17.5	2,554,487	500,303	0.1959	0.8041	7.11
18.5	2,077,594	223,197	0.1074	0.8926	5.72
19.5	1,881,695	362,005	0.1924	0.8076	5.10
20.5	1,538,991	258,520	0.1680	0.8320	4.12
21.5	1,083,970	66,236	0.0611	0.9389	3.43
22.5	887,467	168,402	0.1898	0.8102	3.22
23.5	722,218	7,593	0.0105	0.9895	2.61
24.5	715,272	527,780	0.7379	0.2621	2.58
25.5	196,713	34,882	0.1773	0.8227	0.68
26.5	163,035	105,908	0.6496	0.3504	0.56
27.5	61,142	21,186	0.3465	0.6535	0.20
28.5	41,531	12,257	0.2951	0.7049	0.13
29.5	34,074	7,519	0.2207	0.7793	0.09
30.5	27,660	9,601	0.3471	0.6529	0.07
31.5	19,361	2,226	0.1150	0.8850	0.05
32.5	17,440	5,929	0.3400	0.6600	0.04
33.5	157,152	720	0.0046	0.9954	0.03
34.5	157,231	10,194	0.0648	0.9352	0.03
35.5	147,037	6,040	0.0411	0.9589	0.02
36.5	140,997	462	0.0033	0.9967	0.02
37.5	140,535	1,834	0.0131	0.9869	0.02
38.5	139,008	116	0.0008	0.9992	0.02

PECO ENERGY COMPANY
COMMON PLANT

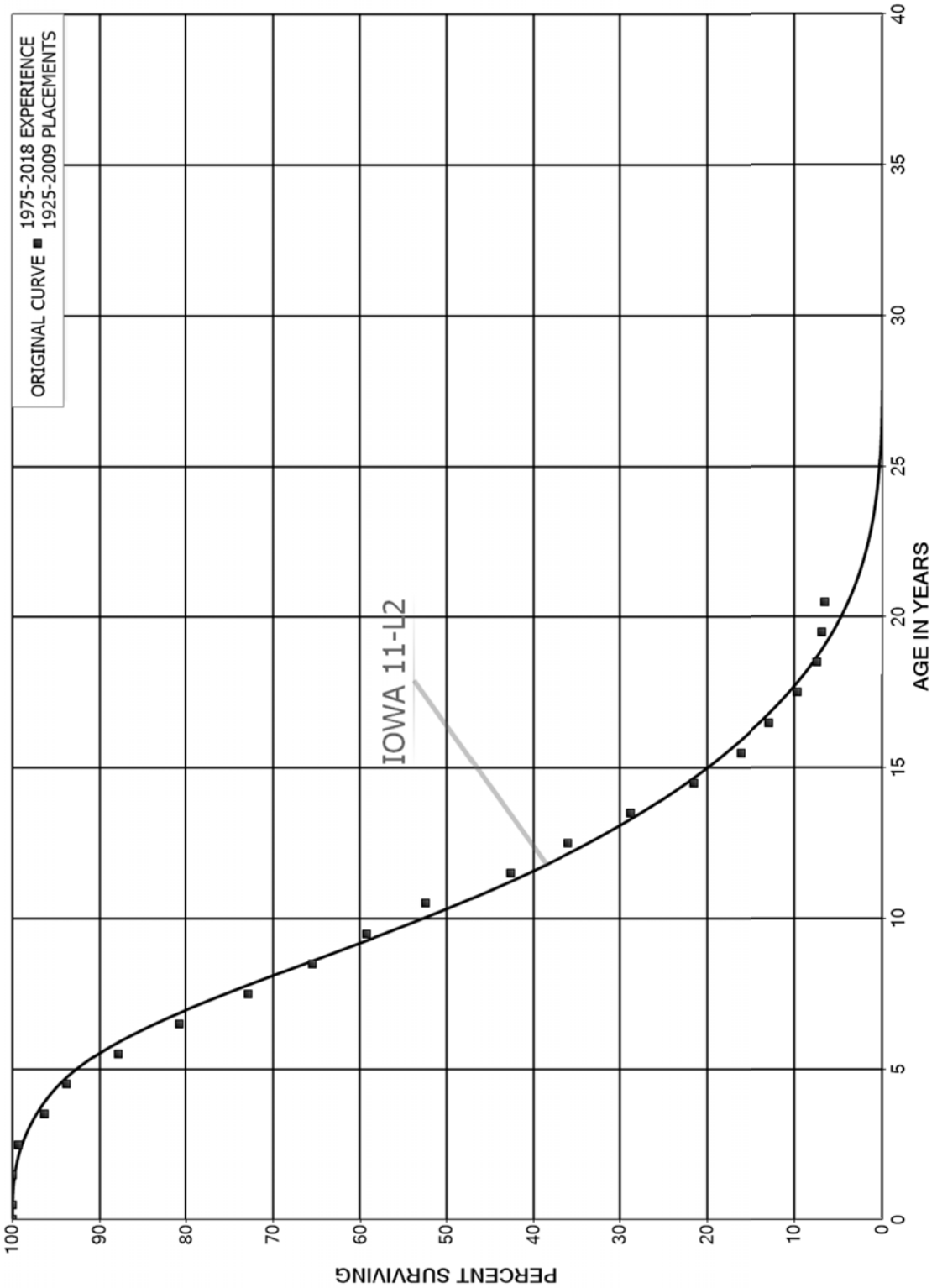
ACCOUNT 392.3 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1989-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	139,265	307	0.0022	0.9978	0.02
40.5	140,238	1,105	0.0079	0.9921	0.02
41.5	139,133	415	0.0030	0.9970	0.02
42.5	138,752	221	0.0016	0.9984	0.02
43.5	138,530	1,744	0.0126	0.9874	0.02
44.5	136,787	354	0.0026	0.9974	0.02
45.5	136,432		0.0000	1.0000	0.02
46.5	136,432		0.0000	1.0000	0.02
47.5	136,590	158	0.0012	0.9988	0.02
48.5	136,432		0.0000	1.0000	0.02
49.5	136,432	321	0.0024	0.9976	0.02
50.5	136,111	1,280	0.0094	0.9906	0.02
51.5	134,831		0.0000	1.0000	0.02
52.5	134,831	34	0.0003	0.9997	0.02
53.5	134,797		0.0000	1.0000	0.02
54.5	134,797		0.0000	1.0000	0.02
55.5	134,797		0.0000	1.0000	0.02
56.5	134,797		0.0000	1.0000	0.02
57.5	134,797		0.0000	1.0000	0.02
58.5	134,797		0.0000	1.0000	0.02
59.5	135,578	432	0.0032	0.9968	0.02
60.5	135,146	349	0.0026	0.9974	0.02
61.5	134,797	134,797	1.0000		0.02
62.5	92		0.0000	1.0000	
63.5	225	92	0.4068		
64.5	133	133	1.0000		
65.5					

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.4 TRANSPORTATION EQUIPMENT - TRACTORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.4 TRANSPORTATION EQUIPMENT - TRACTORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2009 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,815,986		0.0000	1.0000	100.00
0.5	2,227,395	200	0.0001	0.9999	100.00
1.5	2,751,680	18,422	0.0067	0.9933	99.99
2.5	3,095,942	93,883	0.0303	0.9697	99.32
3.5	3,564,308	95,644	0.0268	0.9732	96.31
4.5	3,777,378	236,971	0.0627	0.9373	93.73
5.5	4,161,230	331,845	0.0797	0.9203	87.85
6.5	4,129,334	411,701	0.0997	0.9003	80.84
7.5	3,838,137	384,385	0.1001	0.8999	72.78
8.5	3,506,812	332,635	0.0949	0.9051	65.49
9.5	3,235,545	377,878	0.1168	0.8832	59.28
10.5	2,994,241	555,417	0.1855	0.8145	52.36
11.5	2,657,314	418,195	0.1574	0.8426	42.64
12.5	2,329,055	469,541	0.2016	0.7984	35.93
13.5	1,928,268	484,356	0.2512	0.7488	28.69
14.5	1,478,924	376,259	0.2544	0.7456	21.48
15.5	1,129,619	226,215	0.2003	0.7997	16.02
16.5	861,913	214,899	0.2493	0.7507	12.81
17.5	649,982	153,683	0.2364	0.7636	9.62
18.5	499,330	37,052	0.0742	0.9258	7.34
19.5	473,121	20,477	0.0433	0.9567	6.80
20.5	456,986	23,748	0.0520	0.9480	6.50
21.5	433,451	89,496	0.2065	0.7935	6.17
22.5	344,443	4,971	0.0144	0.9856	4.89
23.5	163,248	8,684	0.0532	0.9468	4.82
24.5	154,888	66,118	0.4269	0.5731	4.57
25.5	90,110	4,218	0.0468	0.9532	2.62
26.5	87,210	13,317	0.1527	0.8473	2.49
27.5	74,166	3,626	0.0489	0.9511	2.11
28.5	70,862	13,658	0.1927	0.8073	2.01
29.5	57,204	9,338	0.1632	0.8368	1.62
30.5	47,866	11,141	0.2328	0.7672	1.36
31.5	36,724	2,359	0.0642	0.9358	1.04
32.5	34,365	7,767	0.2260	0.7740	0.97
33.5	26,913	1,781	0.0662	0.9338	0.75
34.5	25,133	10,194	0.4056	0.5944	0.70
35.5	15,003	6,089	0.4058	0.5942	0.42
36.5	8,915	462	0.0519	0.9481	0.25
37.5	8,653	2,174	0.2513	0.7487	0.24
38.5	6,479	181	0.0279	0.9721	0.18

PECO ENERGY COMPANY
COMMON PLANT

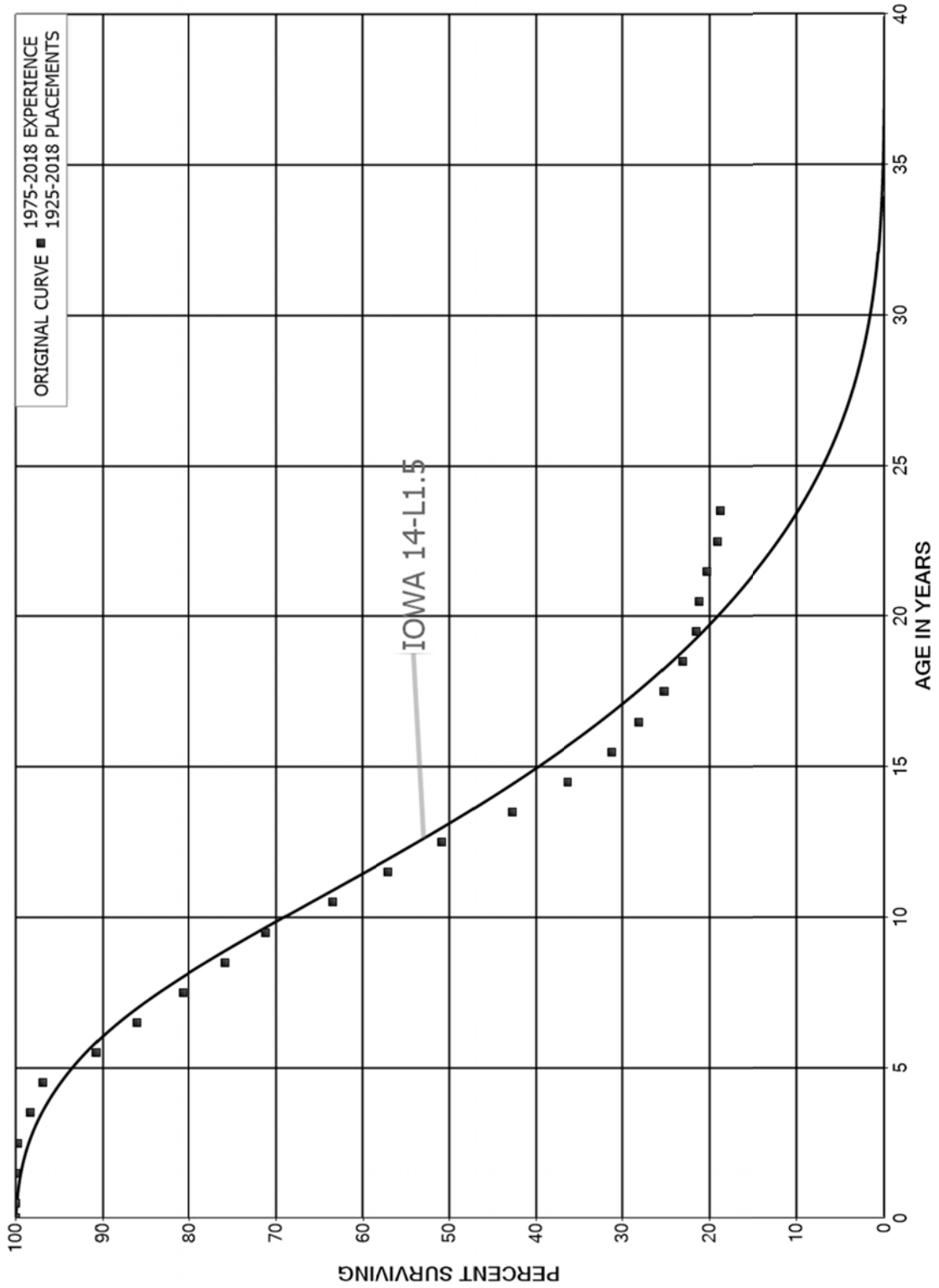
ACCOUNT 392.4 TRANSPORTATION EQUIPMENT - TRACTORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2009 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	6,298	508	0.0806	0.9194	0.17
40.5	5,790	1,105	0.1909	0.8091	0.16
41.5	4,685	415	0.0886	0.9114	0.13
42.5	4,270	379	0.0888	0.9112	0.12
43.5	3,891	1,744	0.4482	0.5518	0.11
44.5	2,147	354	0.1650	0.8350	0.06
45.5	2,573		0.0000	1.0000	0.05
46.5	2,573		0.0000	1.0000	0.05
47.5	2,573	158	0.0613	0.9387	0.05
48.5	2,507		0.0000	1.0000	0.05
49.5	2,641	321	0.1216	0.8784	0.05
50.5	2,320	1,280	0.5518	0.4482	0.04
51.5	1,040		0.0000	1.0000	0.02
52.5	1,040	34	0.0327	0.9673	0.02
53.5	1,006		0.0000	1.0000	0.02
54.5	1,006		0.0000	1.0000	0.02
55.5	1,006		0.0000	1.0000	0.02
56.5	1,006		0.0000	1.0000	0.02
57.5	1,006		0.0000	1.0000	0.02
58.5	1,006		0.0000	1.0000	0.02
59.5	1,006	432	0.4293	0.5707	0.02
60.5	574	349	0.6079	0.3921	0.01
61.5	225		0.0000	1.0000	0.00
62.5	225		0.0000	1.0000	0.00
63.5	225	92	0.4068	0.5932	0.00
64.5	133	133	1.0000		0.00
65.5					

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.5 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.5 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	6,956,153		0.0000	1.0000	100.00
0.5	6,983,706	200	0.0000	1.0000	100.00
1.5	6,995,480	18,411	0.0026	0.9974	100.00
2.5	6,517,340	93,827	0.0144	0.9856	99.73
3.5	6,583,888	98,087	0.0149	0.9851	98.30
4.5	6,518,825	411,278	0.0631	0.9369	96.83
5.5	6,692,114	344,481	0.0515	0.9485	90.72
6.5	6,652,707	411,454	0.0618	0.9382	86.05
7.5	6,339,747	384,154	0.0606	0.9394	80.73
8.5	5,726,699	349,340	0.0610	0.9390	75.84
9.5	5,489,389	596,655	0.1087	0.8913	71.21
10.5	5,029,225	506,829	0.1008	0.8992	63.47
11.5	4,372,833	476,565	0.1090	0.8910	57.08
12.5	3,909,939	628,709	0.1608	0.8392	50.86
13.5	3,330,658	502,703	0.1509	0.8491	42.68
14.5	2,866,614	402,809	0.1405	0.8595	36.24
15.5	2,467,694	243,659	0.0987	0.9013	31.15
16.5	2,052,646	214,770	0.1046	0.8954	28.07
17.5	1,825,289	153,591	0.0841	0.9159	25.13
18.5	1,608,474	105,980	0.0659	0.9341	23.02
19.5	1,513,331	26,808	0.0177	0.9823	21.50
20.5	1,490,862	56,296	0.0378	0.9622	21.12
21.5	1,195,540	73,330	0.0613	0.9387	20.32
22.5	912,976	16,333	0.0179	0.9821	19.08
23.5	764,879	8,679	0.0113	0.9887	18.74
24.5	630,876	66,078	0.1047	0.8953	18.52
25.5	566,136	4,215	0.0074	0.9926	16.58
26.5	563,239	13,309	0.0236	0.9764	16.46
27.5	550,202	24,903	0.0453	0.9547	16.07
28.5	525,621	13,650	0.0260	0.9740	15.34
29.5	511,971	9,332	0.0182	0.9818	14.94
30.5	483,994	15,335	0.0317	0.9683	14.67
31.5	468,659	4,258	0.0091	0.9909	14.21
32.5	464,402	70,463	0.1517	0.8483	14.08
33.5	394,254	1,780	0.0045	0.9955	11.94
34.5	392,475	10,188	0.0260	0.9740	11.89
35.5	382,351	6,085	0.0159	0.9841	11.58
36.5	376,266	23,362	0.0621	0.9379	11.40
37.5	353,105	51,673	0.1463	0.8537	10.69
38.5	301,432	181	0.0006	0.9994	9.12

PECO ENERGY COMPANY
COMMON PLANT

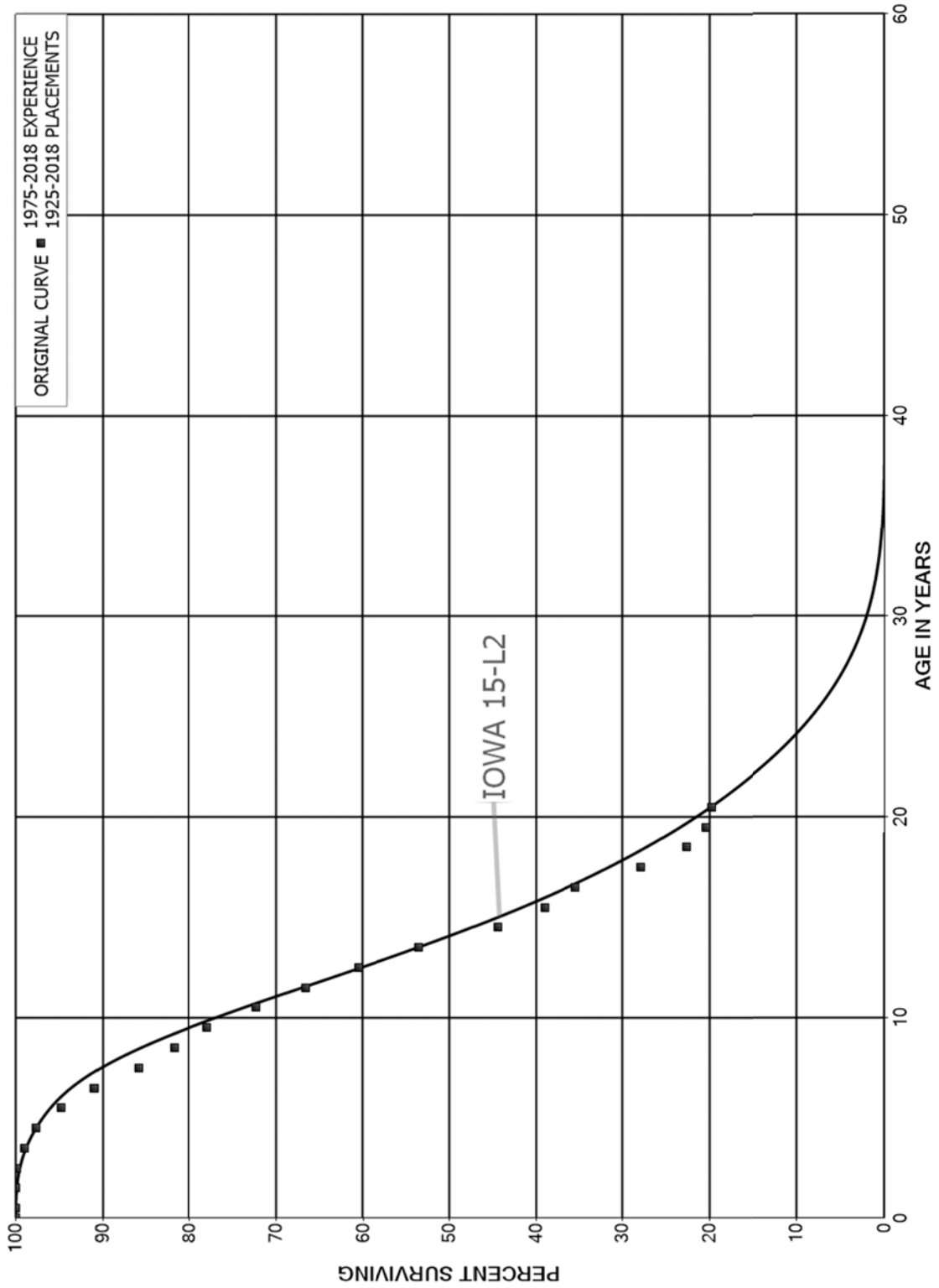
ACCOUNT 392.5 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	301,251	23,507	0.0780	0.9220	9.12
40.5	253,736	1,105	0.0044	0.9956	8.41
41.5	252,632	415	0.0016	0.9984	8.37
42.5	250,673	379	0.0015	0.9985	8.36
43.5	224,942	1,743	0.0077	0.9923	8.34
44.5	222,385	1,154	0.0052	0.9948	8.28
45.5	154,302	800	0.0052	0.9948	8.24
46.5	148,977		0.0000	1.0000	8.19
47.5	142,333	158	0.0011	0.9989	8.19
48.5	114,535		0.0000	1.0000	8.18
49.5	103,323	1,121	0.0108	0.9892	8.18
50.5	47,591	1,279	0.0269	0.9731	8.10
51.5	22,913		0.0000	1.0000	7.88
52.5	19,760	34	0.0017	0.9983	7.88
53.5	19,726		0.0000	1.0000	7.86
54.5	19,726		0.0000	1.0000	7.86
55.5	18,699		0.0000	1.0000	7.86
56.5	17,727	6,574	0.3708	0.6292	7.86
57.5	7,614		0.0000	1.0000	4.95
58.5	1,940		0.0000	1.0000	4.95
59.5	1,940	1,261	0.6499	0.3501	4.95
60.5	679	455	0.6690	0.3310	1.73
61.5	225		0.0000	1.0000	0.57
62.5	225		0.0000	1.0000	0.57
63.5	225	91	0.4068	0.5932	0.57
64.5	133	133	1.0000		0.34
65.5					

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.6 TRANSPORTATION EQUIPMENT - OTHER VEHICLES
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.6 TRANSPORTATION EQUIPMENT - OTHER VEHICLES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,072,027		0.0000	1.0000	100.00
0.5	14,375,046	200	0.0000	1.0000	100.00
1.5	13,702,034	18,411	0.0013	0.9987	100.00
2.5	11,305,445	102,247	0.0090	0.9910	99.86
3.5	8,323,982	113,472	0.0136	0.9864	98.96
4.5	8,196,556	241,679	0.0295	0.9705	97.61
5.5	8,575,328	339,446	0.0396	0.9604	94.73
6.5	8,287,200	468,849	0.0566	0.9434	90.98
7.5	7,933,245	384,154	0.0484	0.9516	85.84
8.5	7,320,795	332,435	0.0454	0.9546	81.68
9.5	6,960,635	504,804	0.0725	0.9275	77.97
10.5	6,442,859	503,955	0.0782	0.9218	72.32
11.5	5,792,238	538,220	0.0929	0.9071	66.66
12.5	4,437,894	512,727	0.1155	0.8845	60.47
13.5	3,682,994	625,153	0.1697	0.8303	53.48
14.5	3,092,832	376,034	0.1216	0.8784	44.40
15.5	2,441,677	226,079	0.0926	0.9074	39.00
16.5	1,038,932	223,038	0.2147	0.7853	35.39
17.5	818,861	153,591	0.1876	0.8124	27.79
18.5	663,158	64,816	0.0977	0.9023	22.58
19.5	609,178	20,465	0.0336	0.9664	20.37
20.5	593,053	23,734	0.0400	0.9600	19.69
21.5	569,532	15,181	0.0267	0.9733	18.90
22.5	526,154	27,718	0.0527	0.9473	18.40
23.5	429,172	44,088	0.1027	0.8973	17.43
24.5	311,263	66,078	0.2123	0.7877	15.64
25.5	218,979	4,215	0.0193	0.9807	12.32
26.5	209,961	13,309	0.0634	0.9366	12.08
27.5	196,925	3,624	0.0184	0.9816	11.32
28.5	194,543	13,650	0.0702	0.9298	11.11
29.5	180,893	9,332	0.0516	0.9484	10.33
30.5	171,561	11,135	0.0649	0.9351	9.79
31.5	160,426	8,458	0.0527	0.9473	9.16
32.5	151,968	12,363	0.0814	0.9186	8.68
33.5	139,921	1,780	0.0127	0.9873	7.97
34.5	138,141	10,188	0.0737	0.9263	7.87
35.5	125,127	6,085	0.0486	0.9514	7.29
36.5	119,042	462	0.0039	0.9961	6.93
37.5	118,781	2,173	0.0183	0.9817	6.91
38.5	116,608	181	0.0016	0.9984	6.78

PECO ENERGY COMPANY
COMMON PLANT

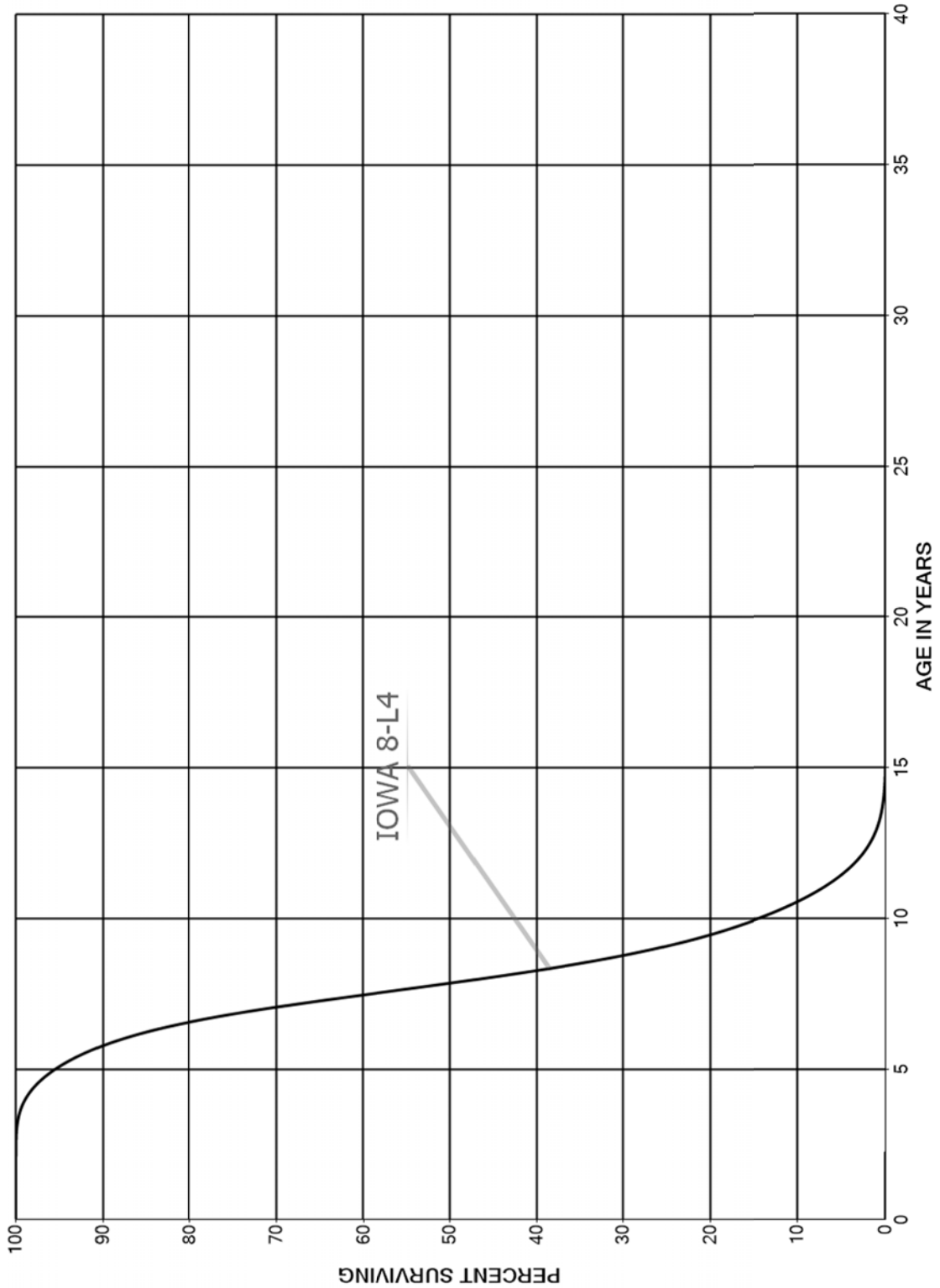
ACCOUNT 392.6 TRANSPORTATION EQUIPMENT - OTHER VEHICLES

ORIGINAL LIFE TABLE, CONT.

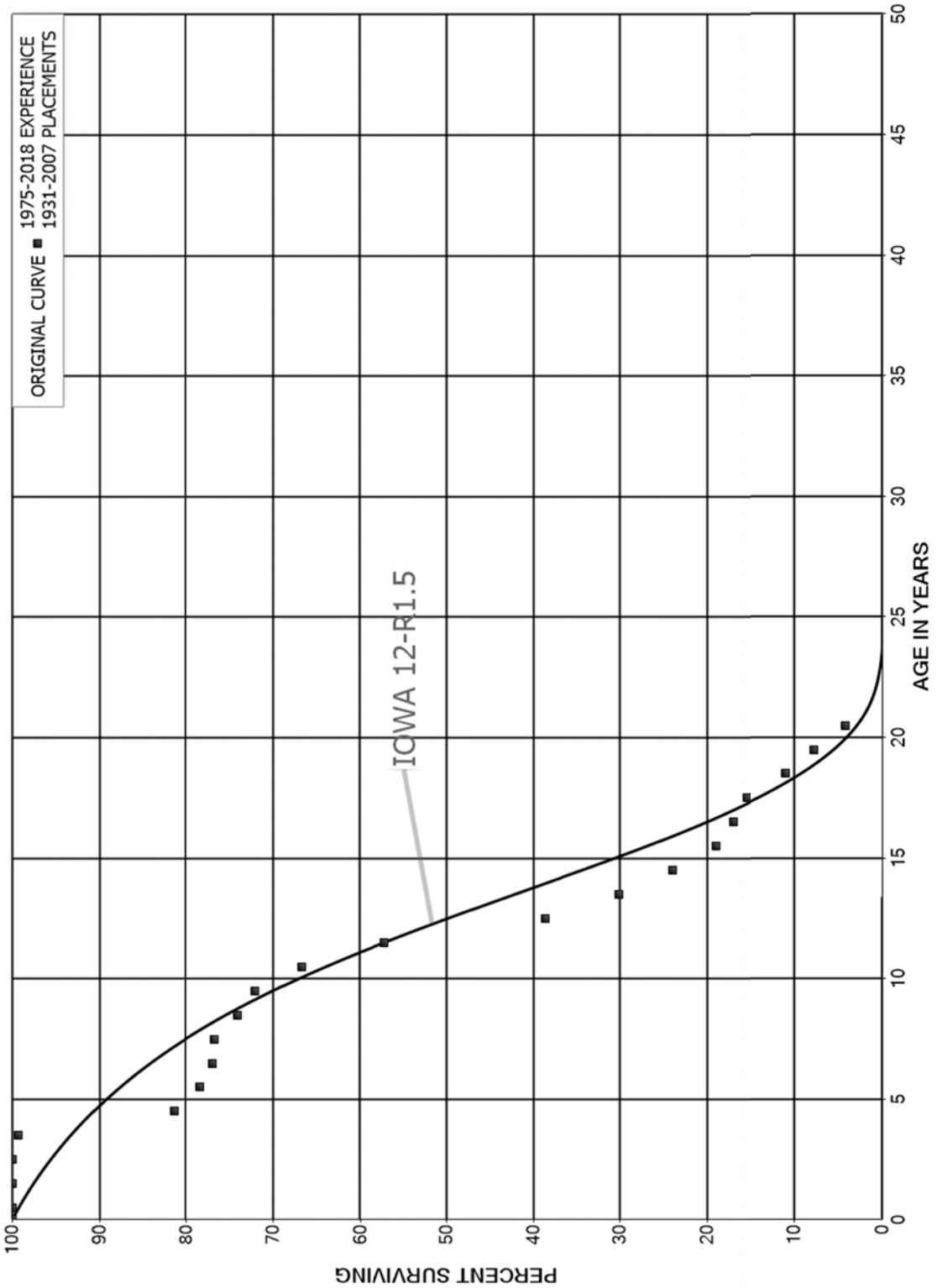
PLACEMENT BAND 1925-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	116,427	507	0.0044	0.9956	6.77
40.5	115,920	1,105	0.0095	0.9905	6.74
41.5	114,815	415	0.0036	0.9964	6.68
42.5	114,400	379	0.0033	0.9967	6.65
43.5	114,022	1,743	0.0153	0.9847	6.63
44.5	108,390	354	0.0033	0.9967	6.53
45.5	105,280		0.0000	1.0000	6.51
46.5	87,956		0.0000	1.0000	6.51
47.5	87,956	158	0.0018	0.9982	6.51
48.5	87,890		0.0000	1.0000	6.50
49.5	88,023	321	0.0036	0.9964	6.50
50.5	87,702	1,279	0.0146	0.9854	6.47
51.5	86,423		0.0000	1.0000	6.38
52.5	86,423	34	0.0004	0.9996	6.38
53.5	1,983		0.0000	1.0000	6.38
54.5	1,983		0.0000	1.0000	6.38
55.5	1,983		0.0000	1.0000	6.38
56.5	1,925		0.0000	1.0000	6.38
57.5	1,925		0.0000	1.0000	6.38
58.5	1,925		0.0000	1.0000	6.38
59.5	1,925	431	0.2241	0.7759	6.38
60.5	1,494	349	0.2334	0.7666	4.95
61.5	1,145		0.0000	1.0000	3.79
62.5	1,145		0.0000	1.0000	3.79
63.5	1,145	91	0.0799	0.9201	3.79
64.5	1,054	133	0.1266	0.8734	3.49
65.5	920		0.0000	1.0000	3.05
66.5	920		0.0000	1.0000	3.05
67.5	920		0.0000	1.0000	3.05
68.5	920		0.0000	1.0000	3.05
69.5	920		0.0000	1.0000	3.05
70.5	920		0.0000	1.0000	3.05
71.5	920		0.0000	1.0000	3.05
72.5					3.05

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 392.7 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS
SMOOTH SURVIVOR CURVE



PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 396 POWER OPERATED EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 396 POWER OPERATED EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2007 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,161,568		0.0000	1.0000	100.00
0.5	1,166,658		0.0000	1.0000	100.00
1.5	1,464,469		0.0000	1.0000	100.00
2.5	1,682,710	12,459	0.0074	0.9926	100.00
3.5	1,943,469	350,512	0.1804	0.8196	99.26
4.5	1,838,141	66,205	0.0360	0.9640	81.36
5.5	1,995,341	38,863	0.0195	0.9805	78.43
6.5	2,151,118	5,327	0.0025	0.9975	76.90
7.5	2,461,068	84,207	0.0342	0.9658	76.71
8.5	2,397,697	63,814	0.0266	0.9734	74.08
9.5	2,504,489	187,803	0.0750	0.9250	72.11
10.5	2,350,183	334,097	0.1422	0.8578	66.71
11.5	2,020,515	658,859	0.3261	0.6739	57.22
12.5	1,362,407	299,135	0.2196	0.7804	38.56
13.5	1,067,099	218,484	0.2047	0.7953	30.10
14.5	849,779	175,432	0.2064	0.7936	23.93
15.5	674,670	72,946	0.1081	0.8919	18.99
16.5	517,489	45,535	0.0880	0.9120	16.94
17.5	472,956	137,826	0.2914	0.7086	15.45
18.5	371,311	108,635	0.2926	0.7074	10.95
19.5	265,327	120,673	0.4548	0.5452	7.74
20.5	120,391	8,739	0.0726	0.9274	4.22
21.5	117,234	12,332	0.1052	0.8948	3.92
22.5	104,902	5,581	0.0532	0.9468	3.50
23.5	100,365	1,188	0.0118	0.9882	3.32
24.5	99,178	1,045	0.0105	0.9895	3.28
25.5	98,133		0.0000	1.0000	3.24
26.5	103,399		0.0000	1.0000	3.24
27.5	111,434	5,023	0.0451	0.9549	3.24
28.5	106,411	323	0.0030	0.9970	3.10
29.5	106,088	263	0.0025	0.9975	3.09
30.5	105,825	2,105	0.0199	0.9801	3.08
31.5	103,719		0.0000	1.0000	3.02
32.5	98,247		0.0000	1.0000	3.02
33.5	98,247	632	0.0064	0.9936	3.02
34.5	97,615		0.0000	1.0000	3.00
35.5	97,615	35,916	0.3679	0.6321	3.00
36.5	61,698	2,464	0.0399	0.9601	1.90
37.5	53,217	1,386	0.0260	0.9740	1.82
38.5	47,968		0.0000	1.0000	1.77

PECO ENERGY COMPANY
COMMON PLANT

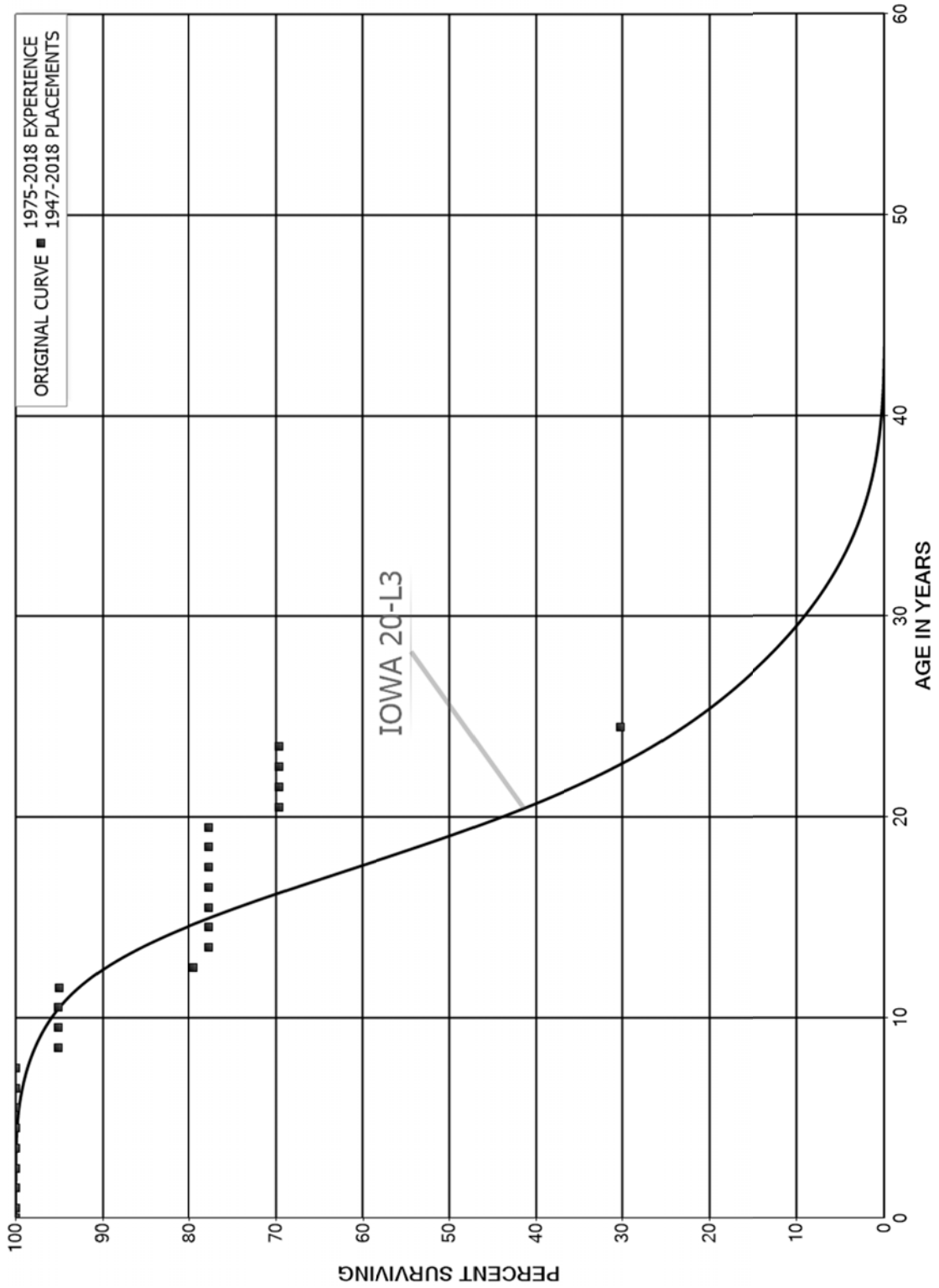
ACCOUNT 396 POWER OPERATED EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2007 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	47,968		0.0000	1.0000	1.77
40.5	47,968		0.0000	1.0000	1.77
41.5	36,141	92	0.0026	0.9974	1.77
42.5	36,049		0.0000	1.0000	1.77
43.5	36,527		0.0000	1.0000	1.77
44.5	36,527	8,034	0.2200	0.7800	1.77
45.5	477		0.0000	1.0000	1.38
46.5	477	477	1.0000		1.38
47.5					

PECO ENERGY COMPANY
COMMON PLANT
ACCOUNT 397 COMMUNICATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 397 COMMUNICATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1947-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	60,440,307		0.0000	1.0000	100.00
0.5	42,261,917		0.0000	1.0000	100.00
1.5	42,040,740		0.0000	1.0000	100.00
2.5	41,574,481		0.0000	1.0000	100.00
3.5	39,684,673		0.0000	1.0000	100.00
4.5	38,595,594		0.0000	1.0000	100.00
5.5	38,560,632	15,352	0.0004	0.9996	100.00
6.5	37,800,235		0.0000	1.0000	99.96
7.5	37,800,235	1,848,387	0.0489	0.9511	99.96
8.5	35,951,847		0.0000	1.0000	95.07
9.5	35,882,581		0.0000	1.0000	95.07
10.5	34,491,688	30,329	0.0009	0.9991	95.07
11.5	27,790,311	4,524,028	0.1628	0.8372	94.99
12.5	15,356,764	338,198	0.0220	0.9780	79.53
13.5	14,974,354		0.0000	1.0000	77.77
14.5	14,974,354		0.0000	1.0000	77.77
15.5	14,330,340		0.0000	1.0000	77.77
16.5	14,279,448		0.0000	1.0000	77.77
17.5	14,157,072		0.0000	1.0000	77.77
18.5	14,157,072		0.0000	1.0000	77.77
19.5	13,125,902	1,378,936	0.1051	0.8949	77.77
20.5	4,348,296		0.0000	1.0000	69.60
21.5	2,028,086		0.0000	1.0000	69.60
22.5	2,013,667		0.0000	1.0000	69.60
23.5	2,013,667	1,140,541	0.5664	0.4336	69.60
24.5	873,126		0.0000	1.0000	30.18
25.5	873,126		0.0000	1.0000	30.18
26.5	873,126		0.0000	1.0000	30.18
27.5	875,112	61,609	0.0704	0.9296	30.18
28.5	813,504	443,566	0.5453	0.4547	28.06
29.5	369,937		0.0000	1.0000	12.76
30.5	369,937		0.0000	1.0000	12.76
31.5	369,937		0.0000	1.0000	12.76
32.5	369,937	351,106	0.9491	0.0509	12.76
33.5	18,831		0.0000	1.0000	0.65
34.5	18,831	16,811	0.8927	0.1073	0.65
35.5	2,020	34	0.0169	0.9831	0.07
36.5	1,986		0.0000	1.0000	0.07
37.5	1,986		0.0000	1.0000	0.07
38.5	1,986		0.0000	1.0000	0.07

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 397 COMMUNICATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1947-2018 EXPERIENCE BAND 1975-2018

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,986		0.0000	1.0000	0.07
40.5	1,986		0.0000	1.0000	0.07
41.5	1,986		0.0000	1.0000	0.07
42.5	1,986	1,986	1.0000		0.07
43.5					

PART VIII. DETAILED DEPRECIATION CALCULATIONS

ELECTRIC PLANT

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. 0						
1913	110.36	110	110			
1914	35,689.99	35,690	35,690			
1915	425.69	426	426			
1916	233.39	233	233			
1917	440,873.40	440,873	440,873			
1918	109.37	109	109			
1920	145.31	145	145			
1922	2,610.73	2,611	2,611			
1923	21,156.62	21,157	21,157			
1924	1,161.52	1,162	1,162			
1925	192,042.35	192,042	192,042			
1926	83,313.17	82,897	83,313			
1927	100,902.75	100,136	100,903			
1928	37,409.49	36,946	37,409			
1929	177,812.48	174,719	177,812			
1930	76,132.50	74,412	76,132			
1931	91,044.93	88,514	91,045			
1932	74,343.59	71,875	74,344			
1933	2,752.59	2,646	2,753			
1934	1,550.98	1,483	1,551			
1935	2,714.24	2,580	2,714			
1936	155.83	147	156			
1937	192.77	181	192	1	3.01	
1938	8,968.05	8,385	8,879	89	3.25	27
1939	3,127.65	2,909	3,080	48	3.49	14
1940	4,671.21	4,324	4,579	92	3.72	25
1941	16,516.85	15,215	16,111	406	3.94	103
1942	308,134.81	282,498	299,126	9,009	4.16	2,166
1943	44,617.52	40,718	43,115	1,503	4.37	344
1944	130,918.06	118,900	125,899	5,019	4.59	1,093
1945	4,259.31	3,850	4,077	182	4.81	38
1946	19,420.13	17,466	18,494	926	5.03	184
1947	2,656,471.75	2,377,011	2,516,927	139,545	5.26	26,529
1948	154,480.91	137,519	145,614	8,867	5.49	1,615
1949	254,239.89	225,155	238,408	15,832	5.72	2,768
1950	238,850.45	210,427	222,813	16,037	5.95	2,695
1951	92,120.12	80,716	85,467	6,653	6.19	1,075
1952	106,354.98	92,656	98,110	8,245	6.44	1,280
1953	282,800.83	244,962	259,381	23,420	6.69	3,501
1954	544,882.07	469,252	496,873	48,009	6.94	6,918
1955	501,770.94	429,516	454,798	46,973	7.20	6,524

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. 0						
1956	854,893.79	727,173	769,976	84,918	7.47	11,368
1957	556,860.54	470,547	498,244	58,617	7.75	7,563
1958	560,334.43	470,233	497,912	62,422	8.04	7,764
1959	261,696.90	218,046	230,881	30,816	8.34	3,695
1960	493,061.93	407,664	431,660	61,402	8.66	7,090
1961	717,562.45	588,545	623,188	94,374	8.99	10,498
1962	218,138.04	177,433	187,877	30,261	9.33	3,243
1963	1,121,393.74	904,292	957,521	163,873	9.68	16,929
1964	401,142.23	320,432	339,293	61,849	10.06	6,148
1965	281,624.40	222,765	235,877	45,747	10.45	4,378
1966	1,316,908.86	1,031,140	1,091,835	225,074	10.85	20,744
1967	617,761.39	478,394	506,553	111,208	11.28	9,859
1968	315,597.76	241,622	255,844	59,754	11.72	5,098
1969	1,098,502.02	830,907	879,816	218,686	12.18	17,955
1970	1,228,875.13	917,724	971,743	257,132	12.66	20,311
1971	2,459,264.23	1,812,478	1,919,165	540,099	13.15	41,072
1972	1,349,474.90	980,798	1,038,530	310,945	13.66	22,763
1973	530,606.42	380,020	402,389	128,217	14.19	9,036
1974	514,287.68	362,779	384,133	130,155	14.73	8,836
1975	1,529,871.76	1,062,037	1,124,551	405,321	15.29	26,509
1976	32,238.27	22,006	23,301	8,937	15.87	563
1977	25,031.14	16,791	17,779	7,252	16.46	441
1978	72,816.98	47,957	50,780	22,037	17.07	1,291
1979	1,255,081.71	811,034	858,773	396,309	17.69	22,403
1980	109,595.81	69,440	73,527	36,069	18.32	1,969
1981	514,366.18	319,216	338,006	176,360	18.97	9,297
1982	45,083.79	27,384	28,996	16,088	19.63	820
1983	17,372.39	10,319	10,926	6,446	20.30	318
1984	96,191.98	55,811	59,096	37,096	20.99	1,767
1985	509,388.85	288,518	305,501	203,888	21.68	9,404
1986	130,776.52	72,215	76,466	54,311	22.39	2,426
1987	586,577.17	315,461	334,030	252,547	23.11	10,928
1988	3,459,385.40	1,809,950	1,916,488	1,542,897	23.84	64,719
1989	2,179,465.82	1,108,040	1,173,262	1,006,204	24.58	40,936
1990	853,488.04	421,111	445,899	407,589	25.33	16,091
1991	1,496,690.94	715,718	757,847	738,844	26.09	28,319
1992	948,678.86	439,049	464,893	483,786	26.86	18,011
1993	648,306.26	290,052	307,125	341,181	27.63	12,348
1994	406,913.28	175,624	185,962	220,951	28.42	7,774
1995	309,864.32	128,780	136,360	173,504	29.22	5,938
1996	1,772,920.80	708,459	750,161	1,022,760	30.02	34,069

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 50-R2.5						
NET SALVAGE PERCENT.. 0						
1997	107,059.39	41,025	43,440	63,619	30.84	2,063
1998	619,482.91	227,226	240,601	378,882	31.66	11,967
1999	116,951.93	40,957	43,368	73,584	32.49	2,265
2000	130,331.23	43,452	46,010	84,321	33.33	2,530
2002	1,561,754.55	467,589	495,112	1,066,643	35.03	30,449
2003	835,409.26	235,752	249,629	585,780	35.89	16,322
2004	1,765,497.39	467,504	495,022	1,270,475	36.76	34,561
2005	737,477.20	182,304	193,035	544,442	37.64	14,464
2006	2,097,276.25	481,535	509,879	1,587,397	38.52	41,210
2007	13,206,707.48	2,797,181	2,961,830	10,244,877	39.41	259,956
2008	2,647,453.09	513,606	543,838	2,103,615	40.30	52,199
2009	1,873,791.31	329,787	349,199	1,524,592	41.20	37,005
2010	3,764,764.23	594,080	629,049	3,135,715	42.11	74,465
2011	10,738,476.04	1,499,091	1,587,332	9,151,144	43.02	212,718
2012	2,124,938.94	257,968	273,153	1,851,786	43.93	42,153
2013	1,560,836.44	160,454	169,899	1,390,937	44.86	31,006
2014	6,165,690.82	520,384	551,015	5,614,676	45.78	122,645
2015	12,314,987.09	810,326	858,023	11,456,964	46.71	245,279
2016	3,152,170.23	148,152	156,873	2,995,297	47.65	62,860
2017	8,839,859.20	249,284	263,957	8,575,902	48.59	176,495
2018	18,948,752.33	178,118	188,603	18,760,150	49.53	378,763
	131,923,250.00	36,796,312	38,895,666	93,027,584		2,458,965

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.8 1.86

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R3						
NET SALVAGE PERCENT.. 0						
1916	19,723.91	19,724	19,724			
1917	1,954.83	1,955	1,955			
1919	411.69	412	412			
1920	53,327.35	53,327	53,327			
1921	2,267.30	2,267	2,267			
1922	3,992.55	3,993	3,993			
1923	697,046.71	697,047	697,047			
1924	686,040.46	686,040	686,040			
1925	254,381.14	254,381	254,381			
1926	71,623.80	71,624	71,624			
1927	31,523.36	31,523	31,523			
1928	55,561.57	55,562	55,562			
1929	1,039,607.66	1,039,015	1,039,608			
1930	219,815.46	218,281	219,815			
1931	217,971.54	215,750	217,972			
1932	1,721,326.07	1,696,969	1,721,326			
1933	6,421.78	6,304	6,422			
1934	14.16	14	14			
1936	766.22	742	766			
1937	36,532.37	35,202	36,532			
1938	35,056.43	33,615	35,056			
1939	63,906.74	60,977	63,907			
1940	80,061.14	75,998	80,061			
1941	154,531.61	145,960	154,532			
1942	1,150,005.92	1,080,569	1,150,006			
1943	241,826.50	226,086	241,826			
1944	349,871.15	325,380	349,871			
1945	878,875.23	813,039	878,875			
1946	169,211.45	155,707	169,211			
1947	4,054,752.66	3,711,234	4,054,753			
1948	665,662.06	606,005	665,662			
1949	1,508,517.35	1,365,917	1,508,517			
1950	1,728,765.13	1,556,874	1,728,765			
1951	1,794,800.24	1,607,190	1,794,800			
1952	1,247,334.64	1,110,602	1,247,335			
1953	3,823,909.61	3,384,504	3,823,910			
1954	3,822,790.43	3,362,603	3,822,790			
1955	2,867,188.36	2,505,808	2,867,188			
1956	5,239,141.04	4,547,155	5,239,141			
1957	4,151,175.89	3,577,857	4,142,342	8,834	7.32	1,207
1958	5,769,400.69	4,935,549	5,714,240	55,161	7.66	7,201

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R3						
NET SALVAGE PERCENT.. 0						
1959	5,014,860.60	4,256,965	4,928,594	86,267	8.01	10,770
1960	5,367,345.37	4,518,714	5,231,640	135,705	8.38	16,194
1961	5,420,446.22	4,524,555	5,238,403	182,043	8.76	20,781
1962	3,295,234.19	2,725,719	3,155,761	139,473	9.16	15,226
1963	5,768,224.78	4,726,656	5,472,389	295,836	9.57	30,913
1964	4,274,158.18	3,466,898	4,013,877	260,281	10.01	26,002
1965	3,546,646.70	2,846,681	3,295,807	250,840	10.46	23,981
1966	3,981,255.05	3,160,201	3,658,792	322,463	10.93	29,503
1967	6,916,562.39	5,426,251	6,282,361	634,201	11.42	55,534
1968	7,495,911.20	5,810,006	6,726,662	769,249	11.92	64,534
1969	14,778,938.47	11,307,218	13,091,179	1,687,759	12.45	135,563
1970	11,966,081.42	9,033,315	10,458,518	1,507,563	12.99	116,056
1971	16,159,890.85	12,028,453	13,926,205	2,233,686	13.55	164,848
1972	16,060,116.40	11,781,380	13,640,151	2,419,965	14.12	171,386
1973	7,689,761.65	5,555,468	6,431,965	1,257,797	14.71	85,506
1974	15,189,836.75	10,799,063	12,502,852	2,686,985	15.32	175,391
1975	9,378,514.06	6,556,144	7,590,519	1,787,995	15.95	112,100
1976	544,499.52	374,060	433,076	111,424	16.59	6,716
1977	2,829,535.42	1,909,144	2,210,353	619,182	17.24	35,915
1978	1,199,458.17	794,137	919,430	280,028	17.91	15,635
1979	3,910,818.32	2,539,099	2,939,697	971,121	18.59	52,239
1980	2,384,218.62	1,516,911	1,756,237	627,982	19.28	32,572
1981	4,735,955.93	2,949,695	3,415,074	1,320,882	19.99	66,077
1982	1,636,386.12	996,968	1,154,262	482,124	20.71	23,280
1983	4,157,966.42	2,475,944	2,866,578	1,291,388	21.44	60,233
1984	7,868,086.86	4,573,876	5,295,505	2,572,582	22.19	115,934
1985	6,607,722.96	3,747,702	4,338,984	2,268,739	22.94	98,899
1986	8,217,153.49	4,541,128	5,257,590	2,959,563	23.71	124,823
1987	15,280,321.36	8,222,494	9,519,772	5,760,549	24.48	235,317
1988	26,562,567.34	13,897,801	16,090,483	10,472,084	25.27	414,408
1989	29,673,080.48	15,082,827	17,462,473	12,210,607	26.06	468,557
1990	38,027,819.26	18,748,475	21,706,458	16,321,361	26.87	607,419
1991	24,173,073.11	11,548,444	13,370,464	10,802,609	27.68	390,268
1992	33,496,450.13	15,478,040	17,920,040	15,576,410	28.51	546,349
1993	29,014,628.46	12,952,710	14,996,284	14,018,344	29.34	477,790
1994	7,148,959.11	3,076,769	3,562,197	3,586,762	30.19	118,806
1995	15,338,004.17	6,355,149	7,357,813	7,980,191	31.04	257,094
1996	18,455,854.64	7,347,460	8,506,683	9,949,172	31.90	311,886
1997	7,429,774.91	2,835,945	3,283,377	4,146,398	32.77	126,530
1998	35,609,773.78	13,000,772	15,051,928	20,557,846	33.65	610,932
1999	13,379,790.29	4,662,723	5,398,370	7,981,420	34.53	231,145

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R3						
NET SALVAGE PERCENT.. 0						
2000	10,666,831.84	3,536,161	4,094,068	6,572,764	35.43	185,514
2001	35,132,703.51	11,050,289	12,793,714	22,338,990	36.33	614,891
2002	7,392,867.06	2,198,343	2,545,180	4,847,687	37.24	130,174
2003	16,840,045.04	4,718,412	5,462,845	11,377,200	38.15	298,223
2004	17,268,076.64	4,538,569	5,254,628	12,013,449	39.07	307,485
2005	10,320,616.69	2,531,441	2,930,831	7,389,786	40.00	184,745
2006	31,989,633.33	7,279,241	8,427,701	23,561,932	40.94	575,523
2007	32,303,274.23	6,777,550	7,846,857	24,456,417	41.88	583,964
2008	39,903,761.09	7,664,714	8,873,990	31,029,771	42.82	724,656
2009	28,532,106.95	4,968,866	5,752,813	22,779,294	43.77	520,432
2010	28,612,055.71	4,464,625	5,169,017	23,443,039	44.73	524,101
2011	50,824,594.11	7,009,728	8,115,666	42,708,928	45.69	934,754
2012	17,469,875.70	2,093,066	2,423,293	15,046,583	46.65	322,542
2013	19,650,019.68	1,994,673	2,309,376	17,340,644	47.62	364,146
2014	28,993,609.40	2,412,558	2,793,192	26,200,417	48.59	539,214
2015	37,626,563.60	2,435,191	2,819,396	34,807,168	49.57	702,182
2016	43,302,272.71	2,010,091	2,327,227	40,975,046	50.54	810,745
2017	43,567,728.54	1,216,411	1,408,327	42,159,402	51.52	818,311
2018	37,788,934.82	349,548	404,697	37,384,238	52.51	711,945
	1,063,088,348.00	387,680,198	447,064,719	616,023,629		16,545,067

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.2 1.56

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R2						
NET SALVAGE PERCENT.. 0						
1928	6,128.64	5,888	4,603	1,526	2.08	734
1929	7,383.57	7,056	5,516	1,868	2.35	795
1930	7,021.22	6,673	5,216	1,805	2.63	686
1931	7,078.60	6,690	5,230	1,849	2.91	635
1932	4,805.40	4,516	3,530	1,275	3.19	400
1933	6,835.41	6,387	4,993	1,842	3.48	529
1934	8,439.24	7,839	6,128	2,311	3.77	613
1935	17,280.97	15,960	12,476	4,805	4.05	1,186
1936	20,633.34	18,944	14,808	5,825	4.34	1,342
1937	8,158.73	7,446	5,820	2,339	4.63	505
1938	18,157.79	16,472	12,876	5,282	4.92	1,074
1939	3,038.50	2,739	2,141	898	5.22	172
1942	117,169.28	103,705	81,066	36,103	6.09	5,928
1943	55,103.03	48,459	37,880	17,223	6.39	2,695
1944	73,404.16	64,152	50,147	23,257	6.68	3,482
1945	80,972.62	70,309	54,960	26,013	6.98	3,727
1946	95,698.86	82,554	64,532	31,167	7.28	4,281
1947	100,146.18	85,804	67,072	33,074	7.59	4,358
1948	193,281.85	164,471	128,566	64,716	7.90	8,192
1949	235,358.26	198,857	155,445	79,913	8.22	9,722
1950	214,782.62	180,175	140,842	73,941	8.54	8,658
1951	392,981.48	327,212	255,780	137,201	8.87	15,468
1953	289,223.26	237,108	185,346	103,877	9.55	10,877
1954	656,837.63	534,147	417,540	239,298	9.90	24,172
1955	807,815.55	651,285	509,106	298,710	10.27	29,086
1956	1,113,237.29	889,755	695,516	417,721	10.64	39,259
1957	1,110,107.51	879,494	687,495	422,613	11.01	38,384
1958	1,746,050.12	1,370,492	1,071,306	674,744	11.40	59,188
1959	1,555,699.79	1,209,339	945,333	610,367	11.80	51,726
1960	1,943,677.03	1,495,893	1,169,331	774,346	12.21	63,419
1961	2,309,159.78	1,758,887	1,374,912	934,248	12.63	73,971
1962	2,029,545.63	1,529,060	1,195,258	834,288	13.07	63,832
1963	2,016,294.15	1,502,321	1,174,356	841,938	13.51	62,320
1964	2,130,788.40	1,569,539	1,226,900	903,888	13.96	64,748
1966	1,416,442.20	1,018,238	795,951	620,491	14.90	41,644
1967	1,701,333.47	1,207,300	943,740	757,593	15.39	49,226
1968	2,330,284.19	1,631,642	1,275,445	1,054,839	15.89	66,384
1969	4,142,372.81	2,860,598	2,236,113	1,906,260	16.40	116,235
1970	4,147,556.61	2,823,449	2,207,074	1,940,483	16.92	114,686
1971	2,843,700.17	1,907,412	1,491,013	1,352,687	17.45	77,518
1972	2,847,814.59	1,881,181	1,470,509	1,377,306	17.99	76,560

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R2						
NET SALVAGE PERCENT.. 0						
1973	3,179,341.51	2,067,176	1,615,900	1,563,442	18.54	84,328
1974	3,915,712.71	2,503,824	1,957,225	1,958,488	19.11	102,485
1975	2,618,333.57	1,646,094	1,286,742	1,331,592	19.68	67,662
1976	2,536,673.36	1,566,523	1,224,542	1,312,131	20.27	64,733
1977	3,152,092.12	1,910,893	1,493,734	1,658,358	20.87	79,461
1978	3,289,044.50	1,956,061	1,529,042	1,760,002	21.48	81,937
1979	3,064,064.23	1,786,993	1,396,882	1,667,182	22.09	75,472
1980	3,282,962.87	1,875,622	1,466,163	1,816,800	22.72	79,965
1981	3,765,510.70	2,105,862	1,646,140	2,119,371	23.36	90,726
1982	4,514,547.88	2,469,367	1,930,290	2,584,258	24.01	107,633
1983	4,455,137.23	2,382,251	1,862,192	2,592,945	24.66	105,148
1984	6,203,614.86	3,238,783	2,531,738	3,671,877	25.33	144,962
1985	7,871,568.83	4,010,013	3,134,604	4,736,965	26.00	182,191
1986	9,244,486.49	4,589,148	3,587,311	5,657,175	26.69	211,959
1987	11,591,943.06	5,603,545	4,380,259	7,211,684	27.38	263,392
1988	10,296,519.85	4,839,364	3,782,903	6,513,617	28.09	231,884
1989	12,854,878.00	5,869,537	4,588,184	8,266,694	28.80	287,038
1990	11,323,025.23	5,016,327	3,921,234	7,401,791	29.52	250,738
1991	8,921,233.29	3,831,045	2,994,706	5,926,527	30.24	195,983
1992	12,301,830.95	5,111,042	3,995,273	8,306,558	30.98	268,126
1993	13,308,810.66	5,343,621	4,177,078	9,131,733	31.72	287,886
1994	10,010,384.41	3,875,721	3,029,629	6,980,755	32.48	214,925
1995	10,006,675.28	3,730,789	2,916,337	7,090,338	33.24	213,307
1996	17,420,203.63	6,244,969	4,881,657	12,538,547	34.00	368,781
1997	13,003,882.34	4,470,345	3,494,443	9,509,439	34.78	273,417
1998	15,635,729.72	5,145,093	4,021,890	11,613,840	35.56	326,598
1999	20,696,796.93	6,501,899	5,082,498	15,614,299	36.35	429,554
2000	7,941,420.05	2,374,961	1,856,494	6,084,926	37.15	163,793
2001	38,401,160.29	10,904,393	8,523,902	29,877,258	37.95	787,280
2002	27,463,665.04	7,378,938	5,768,074	21,695,591	38.76	559,742
2003	28,989,687.85	7,340,479	5,738,011	23,251,677	39.58	587,460
2004	10,760,680.05	2,558,244	1,999,765	8,760,915	40.40	216,854
2005	22,118,843.42	4,912,153	3,839,802	18,279,041	41.23	443,343
2006	21,406,787.96	4,414,722	3,450,963	17,955,825	42.07	426,808
2007	16,319,265.04	3,106,862	2,428,616	13,890,649	42.91	323,716
2008	21,093,352.80	3,677,415	2,874,615	18,218,738	43.76	416,333
2009	15,492,335.54	2,452,437	1,917,056	13,575,280	44.61	304,310
2010	23,666,449.39	3,362,529	2,628,470	21,037,979	45.47	462,678
2011	27,213,366.09	3,419,632	2,673,107	24,540,259	46.34	529,570
2012	22,828,368.63	2,493,999	1,949,545	20,878,824	47.21	442,254
2013	21,132,259.08	1,957,692	1,530,317	19,601,942	48.09	407,610

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R2						
NET SALVAGE PERCENT.. 0						
2014	27,221,935.12	2,069,956	1,618,073	25,603,862	48.97	522,848
2015	25,413,407.32	1,505,744	1,177,031	24,236,376	49.86	486,089
2016	26,168,651.21	1,110,859	868,352	25,300,299	50.75	498,528
2017	28,925,756.08	736,739	575,905	28,349,851	51.65	548,884
2018	55,121,462.84	467,981	365,818	54,755,645	52.55	1,041,972
	734,955,657.94	194,327,090	151,904,383	583,051,275		15,458,780
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					37.7	2.10

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2.5						
NET SALVAGE PERCENT.. 0						
1931	51.93	50	42	10	2.39	4
1932	27.44	26	22	5	2.67	2
1933	107.00	101	85	22	2.93	8
1934	182.21	171	143	39	3.19	12
1935	68.71	64	54	15	3.43	4
1936	91.71	85	71	21	3.67	6
1937	175.72	163	137	39	3.89	10
1938	358.75	330	276	83	4.12	20
1939	6,964.43	6,385	5,348	1,616	4.33	373
1940	3,155.40	2,879	2,412	743	4.55	163
1942	14,663.11	13,256	11,104	3,559	4.99	713
1943	8,169.75	7,351	6,158	2,012	5.21	386
1944	15,298.16	13,698	11,474	3,824	5.44	703
1945	14,984.00	13,353	11,185	3,799	5.66	671
1946	27,554.91	24,434	20,467	7,088	5.89	1,203
1947	23,881.10	21,066	17,646	6,235	6.13	1,017
1948	46,410.38	40,725	34,113	12,297	6.37	1,930
1949	142,011.39	123,959	103,834	38,177	6.61	5,776
1950	203,704.07	176,831	148,122	55,582	6.86	8,102
1951	370,492.75	319,835	267,909	102,584	7.11	14,428
1952	63,992.40	54,923	46,006	17,986	7.37	2,440
1953	131,780.63	112,419	94,168	37,613	7.64	4,923
1954	66,310.48	56,223	47,095	19,215	7.91	2,429
1955	201,750.62	169,975	142,379	59,372	8.19	7,249
1956	608,859.07	509,451	426,741	182,118	8.49	21,451
1957	809,536.20	672,692	563,479	246,057	8.79	27,993
1958	988,133.77	815,023	682,703	305,431	9.11	33,527
1959	1,625,854.77	1,330,388	1,114,398	511,457	9.45	54,122
1960	2,232,316.87	1,812,039	1,517,852	714,465	9.79	72,979
1961	3,457,067.55	2,782,283	2,330,575	1,126,493	10.15	110,985
1962	3,024,443.22	2,411,993	2,020,402	1,004,041	10.53	95,351
1963	4,061,950.20	3,208,941	2,687,965	1,373,985	10.92	125,823
1964	5,123,133.52	4,006,905	3,356,378	1,766,756	11.33	155,936
1965	2,362,139.24	1,827,941	1,531,172	830,967	11.76	70,660
1966	2,918,768.50	2,233,967	1,871,279	1,047,490	12.20	85,860
1967	3,199,246.25	2,420,358	2,027,409	1,171,837	12.66	92,562
1968	3,591,051.57	2,684,311	2,248,509	1,342,543	13.13	102,250
1969	7,644,659.82	5,640,842	4,725,043	2,919,617	13.63	214,205
1970	7,562,731.25	5,507,710	4,613,525	2,949,206	14.13	208,719
1971	5,143,178.89	3,693,214	3,093,615	2,049,564	14.66	139,807
1972	4,625,769.77	3,273,611	2,742,135	1,883,635	15.20	123,923

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2.5						
NET SALVAGE PERCENT.. 0						
1973	6,155,406.95	4,289,826	3,593,366	2,562,041	15.76	162,566
1974	6,264,336.63	4,297,084	3,599,446	2,664,891	16.33	163,190
1975	3,964,030.47	2,674,214	2,240,051	1,723,979	16.92	101,890
1976	4,312,675.48	2,859,649	2,395,381	1,917,294	17.52	109,435
1977	3,876,154.32	2,524,733	2,114,839	1,761,315	18.13	97,149
1978	4,529,834.93	2,895,606	2,425,500	2,104,335	18.76	112,171
1979	5,311,826.07	3,330,090	2,789,445	2,522,381	19.40	130,020
1980	6,237,116.55	3,831,024	3,209,052	3,028,065	20.06	150,950
1981	5,864,323.14	3,527,625	2,954,910	2,909,413	20.72	140,416
1982	5,638,670.52	3,318,132	2,779,428	2,859,243	21.40	133,609
1983	5,518,075.34	3,173,942	2,658,648	2,859,427	22.09	129,444
1984	7,751,943.93	4,354,499	3,647,540	4,104,404	22.79	180,097
1985	8,624,151.87	4,726,725	3,959,334	4,664,818	23.50	198,503
1986	10,393,799.02	5,552,679	4,651,193	5,742,606	24.22	237,102
1987	15,168,581.92	7,890,545	6,609,503	8,559,079	24.95	343,049
1988	14,405,287.05	7,285,762	6,102,908	8,302,379	25.70	323,050
1989	23,316,119.82	11,456,375	9,596,415	13,719,705	26.45	518,703
1990	19,547,812.44	9,319,029	7,806,071	11,741,741	27.21	431,523
1991	13,949,276.32	6,443,450	5,397,346	8,551,930	27.98	305,644
1992	19,468,220.43	8,700,737	7,288,159	12,180,061	28.76	423,507
1993	21,378,929.13	9,233,987	7,734,835	13,644,094	29.54	461,885
1994	20,502,549.40	8,540,132	7,153,629	13,348,920	30.34	439,978
1995	26,686,036.90	10,705,104	8,967,114	17,718,923	31.14	569,008
1996	36,293,474.55	13,986,779	11,716,005	24,577,470	31.96	769,007
1997	21,772,230.26	8,047,452	6,740,936	15,031,294	32.78	458,551
1998	33,965,812.00	12,012,009	10,061,841	23,903,971	33.61	711,216
1999	18,051,221.89	6,092,287	5,103,195	12,948,027	34.45	375,850
2000	2,923,732.58	939,541	787,005	2,136,728	35.29	60,548
2001	22,160,281.47	6,758,886	5,661,571	16,498,710	36.14	456,522
2002	23,940,403.17	6,905,849	5,784,674	18,155,729	37.00	490,695
2003	19,604,165.95	5,327,040	4,462,187	15,141,979	37.87	399,841
2004	10,601,050.60	2,703,268	2,264,388	8,336,663	38.74	215,195
2005	61,581,977.11	14,661,437	12,281,131	49,300,846	39.62	1,244,342
2006	35,483,081.42	7,847,083	6,573,097	28,909,984	40.50	713,827
2007	40,053,206.46	8,172,456	6,845,646	33,207,560	41.39	802,309
2008	51,069,825.06	9,536,268	7,988,041	43,081,784	42.29	1,018,723
2009	43,923,524.86	7,441,524	6,233,382	37,690,143	43.19	872,659
2010	47,121,316.87	7,158,670	5,996,449	41,124,868	44.10	932,537
2011	50,388,559.98	6,773,230	5,673,586	44,714,974	45.01	993,445
2012	45,372,380.63	5,296,318	4,436,453	40,935,928	45.93	891,268
2013	35,402,237.09	3,506,238	2,936,995	32,465,242	46.85	692,961

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2.5						
NET SALVAGE PERCENT.. 0						
2014	71,806,790.19	5,827,121	4,881,079	66,925,711	47.78	1,400,706
2015	52,918,975.45	3,348,184	2,804,601	50,114,374	48.71	1,028,831
2016	56,975,356.33	2,574,716	2,156,707	54,818,649	49.65	1,104,102
2017	72,791,503.41	1,987,936	1,665,192	71,126,311	50.58	1,406,214
2018	93,217,288.53	842,684	705,873	92,511,415	51.53	1,795,292
	1,266,604,582.00	324,667,896	271,957,577	994,647,005		26,486,255
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					37.6	2.09

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. 0						
1905	2,086,425.36	2,086,425	2,086,425			
1906	64,530.09	64,530	64,530			
1907	78,722.20	78,722	78,722			
1908	114,758.05	114,758	114,758			
1909	43,244.59	43,245	43,245			
1910	64,341.07	64,341	64,341			
1911	361,050.02	361,050	361,050			
1912	105,687.74	105,234	105,688			
1913	249,203.64	248,135	249,204			
1914	109,582.06	108,783	109,582			
1915	16,565.16	16,400	16,565			
1916	108,233.24	106,873	108,233			
1917	103,788.14	102,142	103,788			
1918	64,445.22	63,257	64,445			
1919	265,385.20	259,661	265,385			
1920	161,393.98	157,429	161,394			
1921	206,750.18	201,021	206,750			
1922	231,306.65	224,104	231,307			
1923	482,079.74	465,549	482,080			
1924	1,065,780.71	1,025,430	1,065,781			
1925	1,235,956.02	1,185,109	1,235,956			
1926	1,031,811.44	985,679	1,031,811			
1927	1,918,038.11	1,825,416	1,918,038			
1928	1,546,507.54	1,466,089	1,546,508			
1929	339,828.53	320,897	339,829			
1930	709,962.10	667,769	709,962			
1931	943,899.32	884,302	943,899			
1932	664,133.16	619,636	664,133			
1933	737,546.87	685,284	737,547			
1934	788,587.18	729,672	788,587			
1935	138,749.30	127,828	138,749			
1936	101,117.20	92,754	101,117			
1937	57,410.52	52,432	57,411			
1938	60,656.58	55,137	60,453	204	6.37	32
1939	53,679.74	48,565	53,247	433	6.67	65
1940	51,511.06	46,367	50,838	673	6.99	96
1941	426,139.87	381,638	418,434	7,706	7.31	1,054
1942	1,604,221.22	1,428,896	1,566,665	37,556	7.65	4,909
1943	53,654.70	47,523	52,105	1,550	8.00	194
1944	113,733.13	100,150	109,806	3,927	8.36	470
1945	132,340.48	115,798	126,963	5,377	8.75	615

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. 0						
1946	161,201.35	140,131	153,642	7,559	9.15	826
1947	2,234,099.45	1,928,676	2,114,632	119,467	9.57	12,483
1948	1,649,396.86	1,413,302	1,549,568	99,829	10.02	9,963
1949	1,633,924.46	1,389,310	1,523,262	110,662	10.48	10,559
1950	2,047,822.12	1,726,908	1,893,411	154,411	10.97	14,076
1951	2,312,975.58	1,933,648	2,120,084	192,892	11.48	16,802
1952	800,141.39	662,861	726,772	73,369	12.01	6,109
1953	991,906.72	813,790	892,253	99,654	12.57	7,928
1954	1,354,169.21	1,099,775	1,205,812	148,357	13.15	11,282
1955	1,122,098.41	901,528	988,450	133,648	13.76	9,713
1956	2,961,037.30	2,352,751	2,579,595	381,442	14.38	26,526
1957	1,715,769.20	1,347,617	1,477,550	238,219	15.02	15,860
1958	908,779.33	705,340	773,346	135,433	15.67	8,643
1959	1,619,422.75	1,241,628	1,361,341	258,082	16.33	15,804
1960	1,605,015.57	1,214,997	1,332,143	272,873	17.01	16,042
1961	2,436,334.96	1,820,283	1,995,788	440,547	17.70	24,890
1962	2,007,724.27	1,480,275	1,622,998	384,726	18.39	20,920
1963	2,552,021.08	1,855,677	2,034,595	517,426	19.10	27,090
1964	4,660,850.25	3,341,830	3,664,038	996,812	19.81	50,319
1965	3,918,599.49	2,768,765	3,035,720	882,879	20.54	42,983
1966	3,584,238.66	2,494,630	2,735,154	849,085	21.28	39,901
1967	5,216,343.82	3,574,708	3,919,369	1,296,975	22.03	58,873
1968	6,672,529.15	4,501,088	4,935,067	1,737,462	22.78	76,271
1969	7,202,012.80	4,779,040	5,239,819	1,962,194	23.55	83,320
1970	9,417,214.45	6,144,073	6,736,463	2,680,751	24.33	110,183
1971	6,712,226.78	4,303,477	4,718,403	1,993,824	25.12	79,372
1972	5,374,743.81	3,383,777	3,710,029	1,664,715	25.93	64,200
1973	3,792,506.87	2,343,769	2,569,747	1,222,760	26.74	45,728
1974	4,488,890.29	2,721,569	2,983,973	1,504,917	27.56	54,605
1975	2,405,595.97	1,429,958	1,567,830	837,766	28.39	29,509
1976	4,655,836.55	2,711,699	2,973,152	1,682,685	29.23	57,567
1977	1,365,480.96	778,515	853,577	511,904	30.09	17,012
1978	1,027,890.85	573,419	628,706	399,185	30.95	12,898
1979	1,992,470.74	1,086,753	1,191,534	800,937	31.82	25,171
1980	1,966,238.68	1,047,730	1,148,749	817,490	32.70	25,000
1981	2,608,397.43	1,356,732	1,487,543	1,120,854	33.59	33,369
1982	2,324,132.80	1,179,335	1,293,042	1,031,091	34.48	29,904
1983	2,638,380.07	1,304,494	1,430,269	1,208,111	35.39	34,137
1984	3,132,583.89	1,508,120	1,653,528	1,479,056	36.30	40,745
1985	2,741,128.83	1,283,643	1,407,407	1,333,722	37.22	35,833
1986	2,947,087.25	1,341,337	1,470,664	1,476,423	38.14	38,711

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 366 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R4						
NET SALVAGE PERCENT.. 0						
1987	6,228,135.89	2,751,964	3,017,299	3,210,837	39.07	82,182
1988	5,187,654.37	2,222,547	2,436,837	2,750,817	40.01	68,753
1989	5,767,356.95	2,393,453	2,624,222	3,143,135	40.95	76,755
1990	17,885,615.82	7,179,823	7,872,077	10,013,539	41.90	238,987
1991	4,243,028.01	1,645,064	1,803,675	2,439,353	42.86	56,914
1992	3,738,267.99	1,398,636	1,533,488	2,204,780	43.81	50,326
1993	7,757,650.12	2,795,004	3,064,489	4,693,161	44.78	104,805
1994	3,397,340.62	1,177,416	1,290,938	2,106,403	45.74	46,052
1995	5,302,310.29	1,764,132	1,934,224	3,368,086	46.71	72,106
1996	5,185,142.56	1,653,335	1,812,744	3,372,399	47.68	70,730
1997	5,522,581.40	1,683,614	1,845,942	3,676,639	48.66	75,558
1998	3,094,790.60	900,151	986,940	2,107,851	49.64	42,463
1999	2,533,609.72	701,455	769,087	1,764,523	50.62	34,858
2000	920,574.29	241,982	265,313	655,261	51.60	12,699
2001	14,913,935.19	3,709,245	4,066,878	10,847,057	52.59	206,257
2002	7,197,875.43	1,689,413	1,852,300	5,345,575	53.57	99,787
2003	9,069,536.53	2,000,468	2,193,346	6,876,191	54.56	126,030
2004	4,264,822.10	880,387	965,271	3,299,551	55.55	59,398
2005	5,710,760.24	1,098,122	1,203,999	4,506,761	56.54	79,709
2006	5,013,912.06	892,476	978,526	4,035,386	57.54	70,132
2007	11,781,013.65	1,930,437	2,116,563	9,664,451	58.53	165,120
2008	4,876,757.12	730,099	800,493	4,076,264	59.52	68,486
2009	12,644,104.69	1,712,391	1,877,494	10,766,611	60.52	177,902
2010	7,734,725.92	936,985	1,027,326	6,707,400	61.52	109,028
2011	16,308,663.60	1,745,027	1,913,276	14,395,388	62.51	230,289
2012	7,897,626.85	732,189	802,784	7,094,843	63.51	111,712
2013	8,980,501.51	704,341	772,251	8,208,251	64.51	127,240
2014	14,049,937.16	901,163	988,050	13,061,887	65.51	199,388
2015	20,316,139.97	1,015,807	1,113,748	19,202,392	66.50	288,758
2016	26,585,392.63	949,364	1,040,898	25,544,495	67.50	378,437
2017	14,380,765.32	308,180	337,894	14,042,871	68.50	205,005
2018	23,183,772.01	165,532	181,492	23,002,280	69.50	330,968
	431,326,278.12	148,361,190	161,824,220	269,502,058		5,415,396

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 49.8 1.26

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-S0.5						
NET SALVAGE PERCENT.. 0						
1924	1,888.94	1,726	1,193	696	4.66	149
1925	96,833.49	87,885	60,756	36,077	4.99	7,230
1926	98,001.31	88,329	61,063	36,938	5.33	6,930
1927	109,480.08	98,005	67,752	41,728	5.66	7,372
1928	106,672.86	94,820	65,551	41,122	6.00	6,854
1929	103,532.13	91,396	63,184	40,348	6.33	6,374
1930	153,133.22	134,218	92,787	60,346	6.67	9,047
1931	117,783.64	102,494	70,856	46,928	7.01	6,694
1932	81,934.64	70,797	48,943	32,992	7.34	4,495
1933	72,884.31	62,519	43,220	29,664	7.68	3,862
1934	59,056.97	50,286	34,764	24,293	8.02	3,029
1935	12,639.18	10,683	7,385	5,254	8.36	628
1936	4,904.57	4,114	2,844	2,061	8.70	237
1937	41,346.31	34,425	23,799	17,547	9.04	1,941
1938	35,217.12	29,093	20,112	15,105	9.39	1,609
1939	35,480.84	29,088	20,109	15,372	9.73	1,580
1940	7,007.35	5,699	3,940	3,067	10.08	304
1941	145,626.69	117,499	81,229	64,398	10.43	6,174
1944	34,904.27	27,477	18,995	15,909	11.49	1,385
1945	58,220.91	45,455	31,424	26,797	11.84	2,263
1946	53,634.27	41,517	28,701	24,933	12.20	2,044
1947	75,929.90	58,255	40,273	35,657	12.57	2,837
1948	551,251.55	419,260	289,841	261,411	12.93	20,217
1949	1,407,377.84	1,060,741	733,308	674,070	13.30	50,682
1950	1,049,419.57	783,759	541,826	507,594	13.67	37,132
1951	1,294,334.74	957,808	662,149	632,186	14.04	45,027
1952	424,120.80	310,864	214,905	209,216	14.42	14,509
1953	610,359.49	443,188	306,383	303,976	14.79	20,553
1954	83,204.40	59,815	41,351	41,853	15.18	2,757
1955	814,762.40	579,989	400,956	413,806	15.56	26,594
1956	1,892,145.67	1,333,263	921,707	970,439	15.95	60,843
1957	1,509,592.39	1,052,805	727,822	781,770	16.34	47,844
1958	530,016.96	365,712	252,823	277,194	16.74	16,559
1959	1,068,349.77	729,245	504,139	564,211	17.14	32,918
1960	1,006,550.21	679,613	469,828	536,722	17.54	30,600
1961	1,680,495.26	1,121,882	775,576	904,919	17.95	50,413
1962	1,472,553.54	971,885	671,880	800,674	18.36	43,610
1963	1,442,522.24	941,116	650,609	791,913	18.77	42,190
1964	5,680,459.82	3,661,795	2,531,460	3,149,000	19.19	164,096
1965	1,983,331.02	1,262,727	872,944	1,110,387	19.62	56,595
1966	3,067,888.05	1,929,364	1,333,802	1,734,086	20.04	86,531

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-S0.5						
NET SALVAGE PERCENT.. 0						
1967	3,485,885.85	2,163,829	1,495,891	1,989,995	20.48	97,168
1968	3,175,971.48	1,945,568	1,345,004	1,830,967	20.92	87,522
1969	4,783,199.92	2,891,157	1,998,705	2,784,495	21.36	130,360
1970	4,923,417.12	2,934,898	2,028,944	2,894,473	21.81	132,713
1971	5,771,537.41	3,392,394	2,345,219	3,426,318	22.26	153,923
1972	5,780,439.69	3,348,377	2,314,789	3,465,651	22.72	152,537
1973	6,825,367.89	3,895,510	2,693,031	4,132,337	23.18	178,272
1974	7,866,693.68	4,419,902	3,055,552	4,811,142	23.66	203,345
1975	4,831,004.96	2,672,270	1,847,385	2,983,620	24.13	123,648
1976	6,231,737.55	3,391,685	2,344,728	3,887,010	24.61	157,944
1977	6,743,054.78	3,608,815	2,494,834	4,248,221	25.10	169,252
1978	7,154,023.77	3,762,516	2,601,090	4,552,934	25.60	177,849
1979	8,466,294.85	4,374,281	3,024,013	5,442,282	26.10	208,517
1980	7,688,667.15	3,899,846	2,696,029	4,992,638	26.61	187,623
1981	8,874,270.45	4,415,748	3,052,680	5,821,590	27.13	214,581
1982	7,489,399.63	3,654,527	2,526,436	4,962,964	27.65	179,492
1983	11,267,423.88	5,387,519	3,724,482	7,542,942	28.18	267,670
1984	11,521,478.30	5,393,780	3,728,810	7,792,668	28.72	271,332
1985	13,251,888.45	6,071,353	4,197,228	9,054,660	29.26	309,455
1986	14,132,821.08	6,328,395	4,374,925	9,757,896	29.82	327,227
1987	16,980,092.42	7,427,262	5,134,590	11,845,502	30.38	389,911
1988	21,488,009.57	9,172,157	6,340,865	15,147,145	30.95	489,407
1989	23,445,227.24	9,751,573	6,741,425	16,703,802	31.54	529,607
1990	27,152,058.52	11,001,743	7,605,689	19,546,370	32.12	608,542
1991	16,162,070.82	6,368,987	4,402,987	11,759,084	32.72	359,385
1992	15,578,443.39	5,963,117	4,122,402	11,456,041	33.33	343,716
1993	19,904,195.26	7,390,428	5,109,126	14,795,069	33.95	435,790
1994	10,963,589.03	3,942,836	2,725,748	8,237,841	34.58	238,226
1995	9,652,308.78	3,356,880	2,320,667	7,331,642	35.22	208,167
1996	17,191,458.27	5,771,860	3,990,183	13,201,275	35.87	368,031
1997	15,647,502.28	5,062,280	3,499,639	12,147,863	36.53	332,545
1998	12,377,707.93	3,850,829	2,662,142	9,715,566	37.20	261,171
1999	9,901,062.02	2,953,784	2,042,000	7,859,062	37.89	207,418
2000	7,933,010.46	2,265,350	1,566,074	6,366,936	38.58	165,032
2001	39,032,357.98	10,632,805	7,350,636	31,681,722	39.29	806,356
2002	24,954,978.48	6,465,086	4,469,422	20,485,556	40.01	512,011
2003	24,652,661.91	6,053,708	4,185,029	20,467,633	40.74	502,396
2004	7,028,614.40	1,628,319	1,125,684	5,902,930	41.49	142,274
2005	52,778,211.63	11,484,011	7,939,089	44,839,123	42.25	1,061,281
2006	43,579,353.09	8,860,990	6,125,750	37,453,603	43.02	870,609
2007	55,751,776.92	10,520,360	7,272,901	48,478,876	43.81	1,106,571

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-S0.5						
NET SALVAGE PERCENT.. 0						
2008	45,894,603.55	7,980,613	5,517,131	40,377,473	44.61	905,122
2009	57,233,689.91	9,082,987	6,279,221	50,954,469	45.43	1,121,604
2010	35,834,431.42	5,136,149	3,550,705	32,283,726	46.26	697,876
2011	53,643,285.82	6,844,347	4,731,611	48,911,675	47.11	1,038,244
2012	36,788,751.57	4,108,200	2,840,067	33,948,685	47.97	707,707
2013	45,310,770.63	4,321,288	2,987,379	42,323,392	48.85	866,395
2014	46,052,749.89	3,633,101	2,511,623	43,541,127	49.74	875,374
2015	56,647,878.81	3,503,671	2,422,147	54,225,732	50.66	1,070,386
2016	72,703,312.67	3,244,749	2,243,149	70,460,164	51.59	1,365,772
2017	64,416,378.47	1,741,819	1,204,149	63,212,229	52.54	1,203,126
2018	76,990,891.72	698,307	482,751	76,508,141	53.51	1,429,791
	1,243,010,861.47	288,122,577	199,183,945	1,043,826,917		25,882,981
	COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				40.3	2.08

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R1.5						
NET SALVAGE PERCENT.. 0						
1913	0.81	1	1			
1914	0.89	1	1			
1917	0.67	1	1			
1922	0.89	1	1			
1923	1.89	2	2			
1924	3.78	4	4			
1925	1.03	1	1			
1926	0.81	1	1			
1927	2.53	2	2	1	0.98	1
1928	1.95	2	2			
1929	10.71	10	10	1	1.65	1
1930	6.10	6	6			
1931	18.66	18	19			
1932	11.20	11	11			
1933	21.45	20	21			
1934	52.57	49	51	2	3.21	1
1935	22.30	21	22			
1936	258.79	239	249	10	3.68	3
1937	1,539.65	1,412	1,471	69	3.91	18
1938	1,593.91	1,454	1,515	79	4.13	19
1939	2,199.47	1,995	2,078	121	4.36	28
1940	2,444.62	2,206	2,298	147	4.59	32
1941	9,318.09	8,360	8,709	609	4.83	126
1942	3,330.04	2,971	3,095	235	5.07	46
1943	472.17	419	437	35	5.33	7
1944	2,488.07	2,193	2,285	203	5.58	36
1945	4,510.41	3,949	4,114	396	5.85	68
1946	34,373.77	29,898	31,147	3,227	6.12	527
1947	66,545.54	57,498	59,900	6,646	6.39	1,040
1948	89,680.13	76,954	80,169	9,511	6.67	1,426
1949	124,755.46	106,308	110,750	14,005	6.95	2,015
1950	151,076.49	127,805	133,145	17,931	7.24	2,477
1951	229,314.15	192,576	200,622	28,692	7.53	3,810
1952	329,686.66	274,761	286,241	43,446	7.83	5,549
1953	403,605.40	333,790	347,736	55,869	8.13	6,872
1954	592,462.59	486,074	506,383	86,080	8.44	10,199
1955	752,102.86	612,084	637,658	114,445	8.75	13,079
1956	903,185.05	728,888	759,342	143,843	9.07	15,859
1957	700,157.01	560,126	583,529	116,628	9.40	12,407
1958	637,029.93	505,152	526,258	110,772	9.73	11,385
1959	719,322.68	565,201	588,816	130,507	10.07	12,960

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R1.5						
NET SALVAGE PERCENT.. 0						
1960	935,778.00	728,316	758,746	177,032	10.42	16,990
1961	745,060.39	574,330	598,326	146,734	10.77	13,624
1962	704,008.46	537,144	559,587	144,421	11.14	12,964
1963	1,032,136.24	779,376	811,939	220,197	11.51	19,131
1964	813,059.34	607,201	632,571	180,488	11.90	15,167
1965	889,348.54	656,793	684,235	205,114	12.29	16,690
1966	1,536,368.53	1,121,549	1,168,409	367,960	12.69	28,996
1967	3,001,688.45	2,164,397	2,254,829	746,859	13.11	56,969
1968	6,251,967.41	4,452,214	4,638,234	1,613,733	13.53	119,271
1969	9,197,815.81	6,463,949	6,734,022	2,463,794	13.97	176,363
1970	6,200,971.19	4,298,451	4,478,046	1,722,925	14.42	119,482
1971	3,499,950.67	2,391,866	2,491,802	1,008,149	14.88	67,752
1972	3,725,618.35	2,509,651	2,614,508	1,111,110	15.34	72,432
1973	5,827,613.92	3,864,815	4,026,293	1,801,321	15.83	113,792
1974	5,674,597.11	3,704,207	3,858,974	1,815,623	16.32	111,251
1975	2,395,323.49	1,538,109	1,602,373	792,950	16.82	47,143
1976	1,601,117.08	1,010,401	1,052,617	548,500	17.34	31,632
1977	2,894,607.18	1,794,656	1,869,639	1,024,968	17.86	57,389
1978	4,586,772.10	2,791,097	2,907,713	1,679,059	18.40	91,253
1979	4,056,825.14	2,422,006	2,523,201	1,533,624	18.94	80,973
1980	3,659,080.33	2,140,964	2,230,417	1,428,663	19.50	73,265
1981	4,214,731.71	2,414,957	2,515,857	1,698,875	20.07	84,647
1982	5,070,109.37	2,842,506	2,961,270	2,108,839	20.65	102,123
1983	4,608,569.60	2,525,911	2,631,447	1,977,123	21.24	93,085
1984	7,454,453.15	3,992,083	4,158,878	3,295,575	21.83	150,965
1985	10,641,305.81	5,560,614	5,792,944	4,848,362	22.44	216,059
1986	11,151,695.25	5,680,227	5,917,555	5,234,140	23.06	226,979
1987	11,599,705.56	5,752,990	5,993,358	5,606,348	23.69	236,655
1988	13,331,506.22	6,433,118	6,701,903	6,629,603	24.32	272,599
1989	18,444,925.74	8,645,506	9,006,728	9,438,198	24.97	377,981
1990	15,537,559.47	7,067,880	7,363,186	8,174,373	25.62	319,062
1991	9,177,336.08	4,045,829	4,214,870	4,962,466	26.28	188,831
1992	9,348,396.09	3,985,969	4,152,509	5,195,887	26.96	192,726
1993	9,430,977.13	3,886,789	4,049,185	5,381,792	27.63	194,781
1994	12,044,164.67	4,786,953	4,986,959	7,057,206	28.32	249,195
1995	13,672,787.10	5,233,533	5,452,198	8,220,589	29.01	283,371
1996	7,478,198.43	2,751,005	2,865,946	4,612,252	29.71	155,242
1997	12,456,644.45	4,394,330	4,577,931	7,878,713	30.42	258,998
1998	11,229,330.31	3,789,338	3,947,662	7,281,668	31.14	233,836
1999	9,853,451.80	3,174,092	3,306,710	6,546,742	31.86	205,485
2001	25,754,518.71	7,496,110	7,809,308	17,945,211	33.32	538,572

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 47-R1.5						
NET SALVAGE PERCENT.. 0						
2002	11,412,850.59	3,142,186	3,273,471	8,139,380	34.06	238,972
2003	4,084,324.52	1,060,168	1,104,463	2,979,862	34.80	85,628
2004	10,818,705.12	2,635,653	2,745,774	8,072,931	35.55	227,087
2005	15,535,551.45	3,533,561	3,681,198	11,854,353	36.31	326,476
2006	11,129,661.50	2,351,475	2,449,723	8,679,938	37.07	234,150
2007	15,141,638.37	2,950,954	3,074,249	12,067,389	37.84	318,906
2008	15,929,013.57	2,843,488	2,962,293	12,966,721	38.61	335,838
2009	12,741,152.45	2,065,723	2,152,032	10,589,120	39.38	268,896
2010	18,381,680.51	2,675,086	2,786,855	15,594,826	40.16	388,317
2011	20,612,598.15	2,653,254	2,764,111	17,848,487	40.95	435,860
2012	19,694,712.34	2,204,035	2,296,123	17,398,589	41.74	416,833
2013	18,618,129.96	1,766,674	1,840,488	16,777,642	42.54	394,397
2014	28,198,666.13	2,195,830	2,287,575	25,911,091	43.34	597,856
2015	21,219,350.29	1,291,197	1,345,145	19,874,205	44.14	450,254
2016	25,509,756.24	1,112,736	1,159,228	24,350,528	44.95	541,725
2017	20,675,591.36	541,080	563,688	20,111,903	45.77	439,412
2018	35,733,270.34	311,594	324,613	35,408,658	46.59	760,006
	602,928,338.45	181,028,390	188,592,017	414,336,322		12,484,325

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.2 2.07

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - AERIAL

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R4						
NET SALVAGE PERCENT.. 0						
1952	55,515.45	52,080	54,471	1,044	3.28	318
1953	17,932.88	16,732	17,500	433	3.55	122
1954	3,550.02	3,294	3,445	105	3.82	27
1955	275,831.94	254,546	266,233	9,599	4.09	2,347
1956	417,410.73	382,995	400,579	16,832	4.37	3,852
1957	386,637.18	352,644	368,834	17,803	4.66	3,820
1958	431,683.86	391,287	409,251	22,433	4.96	4,523
1959	431,276.58	388,395	406,227	25,050	5.27	4,753
1960	376,090.76	336,424	351,870	24,221	5.59	4,333
1961	425,856.71	378,127	395,487	30,370	5.94	5,113
1962	481,750.33	424,485	443,974	37,776	6.30	5,996
1963	585,779.04	511,947	535,451	50,328	6.68	7,534
1964	680,776.52	589,709	616,783	63,994	7.09	9,026
1965	471,491.66	404,502	423,073	48,419	7.53	6,430
1966	676,417.51	574,448	600,822	75,596	7.99	9,461
1967	647,680.61	543,929	568,901	78,780	8.49	9,279
1968	716,030.18	594,169	621,448	94,582	9.02	10,486
1969	990,151.90	811,360	848,611	141,541	9.57	14,790
1970	928,668.04	750,642	785,105	143,563	10.16	14,130
1971	753,326.06	600,243	627,801	125,525	10.77	11,655
1972	843,945.06	662,261	692,666	151,279	11.41	13,258
1973	986,782.37	762,053	797,040	189,742	12.07	15,720
1974	1,111,716.99	844,482	883,253	228,464	12.74	17,933
1975	1,084,287.07	809,735	846,911	237,376	13.42	17,688
1976	1,066,062.57	782,042	817,947	248,116	14.12	17,572
1977	1,213,481.22	873,937	914,061	299,420	14.83	20,190
1978	1,230,257.93	869,079	908,980	321,278	15.56	20,648
1979	1,232,053.25	853,135	892,304	339,749	16.30	20,843
1980	1,459,764.17	990,158	1,035,617	424,147	17.05	24,877
1981	965,870.91	641,116	670,550	295,321	17.82	16,572
1982	1,333,266.73	865,370	905,100	428,167	18.60	23,020
1983	1,303,114.69	826,370	864,310	438,805	19.39	22,630
1984	1,590,199.29	984,127	1,029,310	560,889	20.20	27,767
1985	1,493,934.34	901,156	942,529	551,405	21.03	26,220
1986	1,739,654.58	1,022,134	1,069,061	670,594	21.86	30,677
1987	1,873,519.89	1,070,735	1,119,894	753,626	22.71	33,185
1988	1,975,838.08	1,097,143	1,147,514	828,324	23.57	35,143
1989	2,290,969.34	1,234,099	1,290,758	1,000,211	24.45	40,908
1990	1,895,157.57	989,424	1,034,850	860,308	25.33	33,964
1991	1,480,284.65	747,677	782,004	698,281	26.23	26,621
1992	1,492,337.33	728,141	761,571	730,766	27.14	26,926

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.1 SERVICES - AERIAL

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 53-R4						
NET SALVAGE PERCENT.. 0						
1993	1,661,434.35	782,120	818,028	843,406	28.05	30,068
1994	1,532,509.12	694,548	726,436	806,073	28.98	27,815
1995	3,095,073.18	1,348,400	1,410,307	1,684,766	29.91	56,328
1996	1,390,888.82	581,280	607,967	782,922	30.85	25,378
1997	3,152,871.71	1,261,149	1,319,050	1,833,822	31.80	57,667
1998	2,688,502.21	1,026,712	1,073,850	1,614,652	32.76	49,287
1999	3,001,898.79	1,092,001	1,142,136	1,859,763	33.72	55,153
2000	2,083,228.07	720,089	753,149	1,330,079	34.68	38,353
2001	8,453,527.46	2,767,347	2,894,399	5,559,128	35.65	155,936
2002	7,558,370.63	2,334,554	2,441,736	5,116,635	36.63	139,684
2003	4,192,336.85	1,218,167	1,274,095	2,918,242	37.60	77,613
2004	5,601,979.43	1,524,187	1,594,164	4,007,815	38.58	103,883
2005	5,943,428.70	1,506,065	1,575,210	4,368,219	39.57	110,392
2006	5,282,703.74	1,239,956	1,296,884	3,985,820	40.56	98,270
2007	4,111,303.27	888,987	929,802	3,181,501	41.54	76,589
2008	4,814,179.40	950,126	993,748	3,820,431	42.54	89,808
2009	4,786,951.56	855,333	894,602	3,892,350	43.53	89,418
2010	4,363,160.52	698,106	730,157	3,633,004	44.52	81,604
2011	3,950,165.14	557,487	583,082	3,367,083	45.52	73,969
2012	3,739,252.36	457,871	478,892	3,260,360	46.51	70,100
2013	3,844,066.63	398,168	416,449	3,427,618	47.51	72,145
2014	4,550,652.99	385,531	403,231	4,147,422	48.51	85,496
2015	4,304,813.12	284,290	297,342	4,007,471	49.50	80,959
2016	6,204,889.31	292,685	306,123	5,898,766	50.50	116,807
2017	6,200,219.72	175,466	183,522	6,016,698	51.50	116,829
2018	7,984,927.93	75,298	78,755	7,906,173	52.50	150,594
	153,909,691.00	51,032,255	53,375,212	100,534,479		2,770,502

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.3 1.80

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - UNDERGROUND

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R3						
NET SALVAGE PERCENT.. 0						
1940	7,270.26	6,801	6,792	478	3.55	135
1941	11,949.85	11,124	11,109	841	3.80	221
1942	5,462.31	5,059	5,052	410	4.06	101
1943	1,289.29	1,188	1,186	103	4.32	24
1944	4,466.33	4,094	4,089	377	4.58	82
1945	5,546.68	5,060	5,053	494	4.83	102
1946	18,509.47	16,793	16,770	1,739	5.10	341
1947	21,784.45	19,662	19,636	2,148	5.36	401
1948	31,341.86	28,139	28,101	3,241	5.62	577
1949	44,640.79	39,852	39,799	4,842	5.90	821
1952	45,494.52	39,911	39,857	5,638	6.75	835
1953	111,476.11	97,167	97,037	14,439	7.06	2,045
1954	97,379.57	84,331	84,218	13,162	7.37	1,786
1955	69,406.10	59,689	59,609	9,797	7.70	1,272
1956	95,016.76	81,127	81,018	13,999	8.04	1,741
1957	81,869.71	69,366	69,273	12,597	8.40	1,500
1958	70,182.84	58,992	58,913	11,270	8.77	1,285
1959	102,179.22	85,161	85,047	17,132	9.16	1,870
1960	178,051.21	147,102	146,905	31,146	9.56	3,258
1961	194,696.66	159,369	159,155	35,542	9.98	3,561
1962	169,121.39	137,112	136,928	32,193	10.41	3,093
1963	111,947.08	89,843	89,723	22,224	10.86	2,046
1964	156,732.55	124,446	124,279	32,454	11.33	2,864
1965	244,122.87	191,658	191,401	52,722	11.82	4,460
1966	256,072.64	198,666	198,400	57,673	12.33	4,677
1967	213,475.94	163,599	163,380	50,096	12.85	3,899
1968	281,370.51	212,871	212,586	68,785	13.39	5,137
1969	277,052.46	206,834	206,557	70,495	13.94	5,057
1970	306,747.86	225,822	225,519	81,229	14.51	5,598
1971	452,660.06	328,382	327,942	124,718	15.10	8,259
1972	636,184.14	454,465	453,855	182,329	15.71	11,606
1973	1,593,663.67	1,120,776	1,119,273	474,391	16.32	29,068
1974	1,486,275.66	1,027,968	1,026,589	459,687	16.96	27,104
1975	1,405,929.20	955,779	954,497	451,432	17.61	25,635
1976	2,065,178.00	1,379,167	1,377,317	687,861	18.27	37,650
1977	2,529,150.79	1,658,212	1,655,988	873,163	18.94	46,102
1978	4,260,180.27	2,739,679	2,736,005	1,524,175	19.63	77,645
1979	4,468,968.45	2,817,059	2,813,281	1,655,687	20.33	81,441
1980	4,993,134.13	3,083,011	3,078,876	1,914,258	21.04	90,982
1981	4,947,072.18	2,988,922	2,984,913	1,962,159	21.77	90,131
1982	2,974,564.66	1,757,700	1,755,343	1,219,222	22.50	54,188

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 369.2 SERVICES - UNDERGROUND

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R3						
NET SALVAGE PERCENT.. 0						
1983	5,741,533.93	3,314,415	3,309,970	2,431,564	23.25	104,583
1984	7,552,791.46	4,255,620	4,249,913	3,302,878	24.01	137,563
1985	7,932,148.49	4,359,826	4,353,979	3,578,169	24.77	144,456
1986	9,720,879.54	5,205,045	5,198,064	4,522,816	25.55	177,018
1987	11,247,767.07	5,861,099	5,853,238	5,394,529	26.34	204,804
1988	11,357,302.43	5,753,042	5,745,326	5,611,976	27.14	206,779
1989	10,680,431.65	5,254,772	5,247,725	5,432,707	27.94	194,442
1990	10,382,482.38	4,953,379	4,946,736	5,435,746	28.76	189,004
1991	7,574,496.00	3,499,417	3,494,724	4,079,772	29.59	137,877
1992	8,429,712.30	3,767,323	3,762,271	4,667,441	30.42	153,433
1993	10,189,918.05	4,398,376	4,392,477	5,797,441	31.26	185,459
1994	5,399,463.34	2,247,149	2,244,135	3,155,328	32.11	98,266
1995	9,644,064.51	3,862,930	3,857,749	5,786,316	32.97	175,502
1996	3,956,883.56	1,522,332	1,520,290	2,436,594	33.84	72,003
1997	9,490,920.43	3,499,587	3,494,894	5,996,026	34.72	172,697
1998	5,671,820.00	2,000,621	1,997,938	3,673,882	35.60	103,199
1999	9,396,592.44	3,162,423	3,158,182	6,238,410	36.49	170,962
2000	1,215,912.77	389,311	388,789	827,124	37.39	22,122
2001	11,329,845.43	3,440,194	3,435,580	7,894,265	38.30	206,117
2002	11,354,606.93	3,259,794	3,255,422	8,099,185	39.21	206,559
2003	8,141,312.26	2,201,085	2,198,133	5,943,179	40.13	148,098
2004	1,419,422.92	359,753	359,271	1,060,152	41.06	25,820
2005	11,641,314.19	2,753,753	2,750,060	8,891,254	41.99	211,747
2006	6,514,554.40	1,429,619	1,427,702	5,086,852	42.93	118,492
2007	4,968,914.10	1,005,509	1,004,160	3,964,754	43.87	90,375
2008	4,828,591.01	894,593	893,393	3,935,198	44.81	87,820
2009	3,797,463.09	637,290	636,435	3,161,028	45.77	69,063
2010	1,818,813.95	273,822	273,455	1,545,359	46.72	33,077
2011	6,135,889.97	815,521	814,427	5,321,463	47.69	111,584
2012	1,118,029.31	129,076	128,903	989,126	48.65	20,331
2013	1,432,832.68	140,160	139,972	1,292,861	49.62	26,055
2014	1,735,433.76	139,147	138,960	1,596,474	50.59	31,557
2015	1,501,431.56	93,629	93,504	1,407,928	51.57	27,301
2016	2,823,347.75	126,288	126,119	2,697,229	52.54	51,337
2017	1,852,084.57	49,840	49,773	1,802,312	53.52	33,675
2018	2,054,521.11	18,306	18,281	2,036,240	54.51	37,355
	265,081,147.84	107,956,004	107,811,221	157,269,927		4,825,132

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.6 1.82

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 370.1 METER TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 35-R2						
NET SALVAGE PERCENT.. 0						
2013	239,279.78	33,293	44,603	194,677	30.13	6,461
2014	482,213.62	55,247	74,015	408,199	30.99	13,172
2015	1,038,877.16	92,907	124,468	914,409	31.87	28,692
2016	244,754.76	15,664	20,985	223,770	32.76	6,831
2017	384,669.90	14,837	19,877	364,793	33.65	10,841
2018	393,425.87	5,059	6,778	386,648	34.55	11,191
	2,783,221.09	217,007	290,726	2,492,495		77,188

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.3 2.77

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 370.2 SMART METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. IOWA 15-S2						
NET SALVAGE PERCENT.. 0						
2011	2,374,013.19	1,104,700	1,144,960	1,229,053	8.02	153,249
2012	22,107,833.95	9,108,428	9,440,376	12,667,458	8.82	1,436,220
2013	123,025,676.48	43,714,714	45,307,854	77,717,822	9.67	8,037,003
2014	93,389,991.25	27,519,229	28,522,140	64,867,851	10.58	6,131,177
2015	39,262,781.58	9,082,659	9,413,667	29,849,115	11.53	2,588,822
2016	10,220,680.82	1,696,633	1,758,465	8,462,216	12.51	676,436
2017	9,889,531.07	988,953	1,024,995	8,864,536	13.50	656,632
2018	5,005,082.66	166,819	172,898	4,832,184	14.50	333,254
	305,275,591.00	93,382,135	96,785,355	208,490,236		20,012,793

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.4 6.56

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 371 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 36-R4						
NET SALVAGE PERCENT.. 0						
1994	19,065.30	12,255	19,065			
1995	36,305.98	22,520	36,306			
1996	24,135.77	14,421	24,136			
1997	51,638.40	29,635	49,750	1,888	15.34	123
1998	742,575.59	408,417	685,630	56,946	16.20	3,515
1999	156,401.81	82,199	137,991	18,410	17.08	1,078
	1,030,122.85	569,447	952,878	77,245		4,716

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.4 0.46

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 24-L0						
NET SALVAGE PERCENT.. 0						
1914	0.46					
1915	0.36					
1916	0.80	1	1			
1917	0.56	1	1			
1918	0.95	1	1			
1919	0.89	1	1			
1959	13,872.88	10,387	13,873			
1960	17,271.20	12,817	17,271			
1961	13,447.73	9,884	13,448			
1962	17,297.13	12,591	17,297			
1963	13,836.76	9,974	13,837			
1964	5,315.75	3,794	5,316			
1965	15,879.46	11,215	15,879			
1966	23,274.05	16,273	23,274			
1967	20,396.65	14,099	20,397			
1968	23,864.68	16,317	23,865			
1969	28,003.64	18,926	28,004			
1970	39,730.12	26,537	39,437	293	7.97	37
1971	102,934.94	67,937	100,962	1,973	8.16	242
1972	172,933.84	112,767	167,584	5,350	8.35	641
1973	181,367.69	116,755	173,510	7,858	8.55	919
1974	182,796.45	116,076	172,501	10,295	8.76	1,175
1975	178,916.53	112,122	166,625	12,292	8.96	1,372
1976	277,231.25	171,307	254,580	22,651	9.17	2,470
1977	328,556.67	200,147	297,440	31,117	9.38	3,317
1978	286,530.67	171,918	255,488	31,043	9.60	3,234
1979	346,540.85	204,747	304,276	42,265	9.82	4,304
1980	247,942.75	144,221	214,328	33,615	10.04	3,348
1981	274,272.90	156,906	233,179	41,094	10.27	4,001
1982	408,084.79	229,548	341,133	66,952	10.50	6,376
1983	596,419.12	329,522	489,705	106,714	10.74	9,936
1984	622,761.53	338,110	502,467	120,295	10.97	10,966
1985	768,085.30	409,005	607,825	160,260	11.22	14,283
1986	272,212.86	142,117	211,201	61,012	11.47	5,319
1987	412,847.40	211,242	313,928	98,919	11.72	8,440
1988	689,487.83	345,316	513,176	176,312	11.98	14,717
1989	472,776.41	231,660	344,271	128,505	12.24	10,499
1990	666,789.34	319,225	474,402	192,387	12.51	15,379
1991	488,018.37	228,149	339,054	148,964	12.78	11,656
1992	421,051.71	191,928	285,225	135,827	13.06	10,400
1993	453,873.02	201,406	299,311	154,562	13.35	11,578

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 373 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 24-L0						
NET SALVAGE PERCENT.. 0						
1994	453,662.97	195,833	291,029	162,634	13.64	11,923
1995	1,851,242.15	776,744	1,154,324	696,918	13.93	50,030
1996	1,924,392.15	782,593	1,163,016	761,376	14.24	53,467
1997	4,135,096.61	1,629,931	2,422,250	1,712,847	14.54	117,802
1998	12,275,249.11	4,674,783	6,947,223	5,328,026	14.86	358,548
1999	9,108,058.84	3,347,212	4,974,312	4,133,747	15.18	272,315
2000	87,636.16	31,001	46,071	41,565	15.51	2,680
2001	2,081,351.77	707,660	1,051,658	1,029,694	15.84	65,006
2002	500,989.68	163,237	242,588	258,402	16.18	15,970
2003	1,530,053.12	476,229	707,727	822,326	16.53	49,747
2004	605,521.16	179,386	266,587	338,934	16.89	20,067
2005	341,437.85	96,029	142,709	198,729	17.25	11,521
2006	187,990.05	49,973	74,265	113,725	17.62	6,454
2007	147,326.55	36,832	54,736	92,591	18.00	5,144
2008	352,958.54	82,504	122,610	230,349	18.39	12,526
2009	369,750.24	80,114	119,058	250,692	18.80	13,335
2010	662,850.75	132,292	196,600	466,251	19.21	24,271
2011	627,994.27	113,824	169,154	458,840	19.65	23,351
2012	903,431.77	146,808	218,172	685,260	20.10	34,093
2013	662,246.96	94,370	140,244	522,003	20.58	25,365
2014	726,497.61	88,088	130,908	595,590	21.09	28,240
2015	915,741.38	90,429	134,387	781,354	21.63	36,124
2016	1,173,775.53	87,540	130,094	1,043,682	22.21	46,992
2017	6,999,115.92	332,458	494,068	6,505,048	22.86	284,560
2018	2,160,602.87	37,811	56,191	2,104,412	23.58	89,246
	59,869,600.30	19,348,630	28,744,054	31,125,546		1,813,386

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 17.2 3.03

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0						
NET SALVAGE PERCENT.. 0						
1927	5,751.36	5,751	5,751			
1929	14,004.80	13,936	10,792	3,213	0.22	3,213
1931	1,075.45	1,053	815	260	0.92	260
1935	50.25	48	37	13	2.39	5
1941	129.90	117	91	39	4.64	8
1946	19,578.90	16,729	12,955	6,624	6.55	1,011
1948	215.87	181	140	76	7.32	10
1949	13,572.45	11,247	8,710	4,862	7.71	631
1950	5,950.18	4,879	3,778	2,172	8.10	268
1951	1,377.12	1,117	865	512	8.50	60
1952	981.95	788	610	372	8.89	42
1954	959.98	753	583	377	9.68	39
1955	1,783,044.53	1,383,643	1,071,497	711,548	10.08	70,590
1956	10,888.67	8,350	6,466	4,423	10.49	422
1957	1,158.59	878	680	479	10.89	44
1958	508,021.10	380,452	294,623	213,398	11.30	18,885
1959	18,148.40	13,430	10,400	7,748	11.70	662
1960	6,328.45	4,625	3,582	2,746	12.11	227
1961	10,696.14	7,718	5,977	4,719	12.53	377
1962	1,494.46	1,065	825	669	12.94	52
1963	25,555.62	17,968	13,914	11,642	13.36	871
1964	35,896.35	24,904	19,286	16,610	13.78	1,205
1966	7,150.71	4,828	3,739	3,412	14.62	233
1967	2,284.74	1,521	1,178	1,107	15.05	74
1968	11,514.21	7,553	5,849	5,665	15.48	366
1969	2,925,315.52	1,891,041	1,464,428	1,460,888	15.91	91,822
1970	3,533.50	2,250	1,742	1,792	16.35	110
1971	27,057.89	16,968	13,140	13,918	16.78	829
1972	6,218.08	3,839	2,973	3,245	17.22	188
1973	8,156.69	4,954	3,836	4,321	17.67	245
1974	1,109,998.60	663,035	513,456	596,543	18.12	32,922
1975	3,532.85	2,075	1,607	1,926	18.57	104
1976	1,405.70	812	629	777	19.02	41
1978	12,528.42	6,977	5,403	7,125	19.94	357
1979	49,431.66	27,023	20,927	28,505	20.40	1,397
1980	514,893.54	276,096	213,810	301,084	20.87	14,427
1981	120,378.95	63,266	48,993	71,386	21.35	3,344
1982	376,512.59	193,945	150,192	226,321	21.82	10,372
1983	124,422.17	62,764	48,605	75,817	22.30	3,400
1984	385,390.58	190,213	147,302	238,089	22.79	10,447
1985	604,008.13	291,537	225,767	378,241	23.28	16,247

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0						
NET SALVAGE PERCENT.. 0						
1986	1,483,870.82	699,734	541,876	941,995	23.78	39,613
1987	295,387.48	136,008	105,325	190,062	24.28	7,828
1988	726,378.66	326,384	252,753	473,626	24.78	19,113
1989	572,534.38	250,644	194,099	378,435	25.30	14,958
1990	342,603.06	146,100	113,140	229,463	25.81	8,890
1991	1,028.95	427	331	698	26.34	26
1992	2,758,129.60	1,111,223	860,534	1,897,596	26.87	70,621
1993	2,308,233.21	902,773	699,110	1,609,123	27.40	58,727
1994	236,579.53	89,638	69,416	167,164	27.95	5,981
1995	160,864.09	58,984	45,677	115,187	28.50	4,042
1996	37,470.65	13,281	10,285	27,186	29.05	936
1997	533,722.47	182,416	141,264	392,458	29.62	13,250
1998	5,149,515.88	1,694,757	1,312,425	3,837,091	30.19	127,098
1999	499,294.52	157,777	122,183	377,112	30.78	12,252
2001	672,471.52	194,721	150,793	521,679	31.97	16,318
2002	172,481.25	47,605	36,865	135,616	32.58	4,163
2003	3,789,268.44	993,622	769,464	3,019,804	33.20	90,958
2004	100,945.76	25,035	19,387	81,559	33.84	2,410
2005	411,487.24	96,197	74,495	336,992	34.48	9,774
2006	229,769.87	50,345	38,987	190,783	35.14	5,429
2007	386,939.74	79,021	61,194	325,746	35.81	9,097
2008	187,650.44	35,445	27,449	160,201	36.50	4,389
2009	585,768.72	101,531	78,626	507,143	37.20	13,633
2010	6,218,145.60	978,301	757,599	5,460,547	37.92	144,002
2011	2,774,724.43	390,931	302,738	2,471,986	38.66	63,942
2012	2,710,848.28	336,145	260,312	2,450,536	39.42	62,165
2013	553,357.27	59,148	45,804	507,553	40.19	12,629
2014	1,935,577.56	172,053	133,239	1,802,339	41.00	43,959
2015	2,336,653.68	164,594	127,462	2,209,192	41.83	52,814
2016	935,715.42	48,245	37,361	898,354	42.68	21,049
2017	1,406,366.80	44,385	34,372	1,371,995	43.58	31,482
2018	121,186.63	1,320	1,022	120,165	44.51	2,700
	49,393,587.00	15,199,119	11,771,540	37,622,047		1,260,055

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.9 2.55

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 391.1 OFFICE FURNITURE AND EQUIPMENT - OFFICE MACHINES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 10-SQUARE						
NET SALVAGE PERCENT.. 0						
2011	83,461.00	62,596	56,913	26,548	2.50	10,619
	83,461.00	62,596	56,913	26,548		10,619

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 2.5 12.72

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 391.2 OFFICE FURNITURE AND EQUIPMENT - FURNITURE AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	78,405.46	49,657	40,604	37,801	5.50	6,873
2012	1,193.88	517	423	771	8.50	91
2013	11,777.35	4,318	3,531	8,246	9.50	868
2015	252,830.77	58,993	48,237	204,594	11.50	17,791
2016	145,009.33	24,169	19,762	125,247	12.50	10,020
2018	20,348.93	678	554	19,794	14.50	1,365
	509,565.72	138,332	113,111	396,454		37,008

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.7 7.26

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 391.3 OFFICE FURNITURE AND EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	27,421.38	24,679	27,421			
2015	3,342,407.25	2,339,685	2,654,945	687,462	1.50	458,308
2016	2,950,105.55	1,475,053	1,673,809	1,276,297	2.50	510,519
2017	5,688,246.65	1,706,474	1,936,413	3,751,834	3.50	1,071,953
2018	10,984,416.96	1,098,442	1,246,451	9,737,966	4.50	2,163,992
	22,992,597.79	6,644,333	7,539,039	15,453,559		4,204,772

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.7 18.29

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 391.4 OFFICE FURNITURE AND EQUIPMENT - SMART METER COMPUTER EQUIP.

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	2,246,206.67	2,021,586	1,579,069	667,138	0.50	667,138
2015	579,344.22	405,541	316,769	262,575	1.50	175,050
2018	77,250.00	7,725	6,034	71,216	4.50	15,826
	2,902,800.89	2,434,852	1,901,872	1,000,928		858,014

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 1.2 29.56

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 393 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2008	1,656.92	1,160	460	1,197	4.50	266
2013	44,813.08	16,432	6,522	38,291	9.50	4,031
	46,470.00	17,592	6,982	39,488		4,297
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.2	9.25

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	654,752.82	632,930	548,406	106,347	0.50	106,347
2005	1,653,065.02	1,487,759	1,289,077	363,988	1.50	242,659
2006	1,605,606.17	1,338,000	1,159,318	446,288	2.50	178,515
2007	1,052,519.06	806,935	699,174	353,345	3.50	100,956
2008	521,432.98	365,003	316,259	205,174	4.50	45,594
2009	967,257.27	612,593	530,785	436,472	5.50	79,359
2010	1,954,316.24	1,107,452	959,558	994,758	6.50	153,040
2011	2,711,264.82	1,355,632	1,174,595	1,536,670	7.50	204,889
2012	1,690,962.99	732,745	634,891	1,056,072	8.50	124,244
2013	2,621,157.61	961,100	832,751	1,788,407	9.50	188,253
2014	3,347,957.09	1,004,387	870,257	2,477,700	10.50	235,971
2015	3,157,790.51	736,807	638,411	2,519,380	11.50	219,077
2016	4,440,979.77	740,178	641,331	3,799,649	12.50	303,972
2017	4,759,315.83	475,932	412,374	4,346,942	13.50	321,996
2018	3,449,974.82	114,988	99,632	3,350,343	14.50	231,058
	34,588,353.00	12,472,441	10,806,819	23,781,534		2,735,930

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.7 7.91

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 395.1 LABORATORY EQUIPMENT - TESTING

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2003	55,889.29	43,314	45,067	10,822	4.50	2,405
2005	158,343.65	106,882	111,209	47,135	6.50	7,252
2006	6,644.07	4,153	4,321	2,323	7.50	310
2007	90,148.95	51,836	53,934	36,215	8.50	4,261
	311,025.96	206,185	214,531	96,495		14,228

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.8 4.57

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 395.2 LABORATORY EQUIPMENT - METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2007	101,381.00	77,726	75,266	26,115	3.50	7,461
	101,381.00	77,726	75,266	26,115		7,461

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.5 7.36

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 397 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 20-L3						
NET SALVAGE PERCENT.. 0						
1998	27,839.15	19,599	16,801	11,038	5.92	1,865
2002	1,159,560.47	767,049	657,552	502,008	6.77	74,152
2003	328,676.04	211,832	181,593	147,083	7.11	20,687
2004	374.23	233	200	174	7.54	23
2006	242,095.48	137,147	117,569	124,526	8.67	14,363
2007	951,922.05	506,423	434,131	517,791	9.36	55,320
2009	579,323.51	262,434	224,971	354,353	10.94	32,391
2010	22,907,653.17	9,392,138	8,051,400	14,856,253	11.80	1,259,004
2011	33,776,738.16	12,345,398	10,583,079	23,193,659	12.69	1,827,712
2012	4,096,457.75	1,308,818	1,121,983	2,974,475	13.61	218,551
2013	6,561,834.43	1,784,819	1,530,034	5,031,800	14.56	345,591
2014	22,624,548.76	5,067,899	4,344,450	18,280,099	15.52	1,177,841
2015	6,141,488.85	1,071,690	918,705	5,222,784	16.51	316,341
2016	11,136,615.46	1,392,077	1,193,357	9,943,258	17.50	568,186
2017	3,289,403.26	246,705	211,487	3,077,916	18.50	166,374
2018	11,815,173.23	295,379	253,214	11,561,960	19.50	592,921
	125,639,704.00	34,809,640	29,840,526	95,799,178		6,671,322

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.4 5.31

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 397.1 COMMUNICATION EQUIPMENT - SMART METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 15-S2						
NET SALVAGE PERCENT.. 0						
2011	23,991,452.04	11,163,942	10,391,166	13,600,286	8.02	1,695,796
2013	2,030,708.07	721,571	671,623	1,359,085	9.67	140,547
2014	746,106.50	219,855	204,637	541,470	10.58	51,179
2015	563,997.38	130,470	121,439	442,558	11.53	38,383
2016	994,352.70	165,063	153,637	840,716	12.51	67,204
2017	6,659,031.61	665,903	619,808	6,039,224	13.50	447,350
2018	494,569.59	16,484	15,343	479,226	14.50	33,050
	35,480,217.89	13,083,288	12,177,653	23,302,564		2,473,509

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.4 6.97

PECO ENERGY COMPANY
ELECTRIC PLANT

ACCOUNT 398 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	626,876.02	605,982	571,602	55,274	0.50	55,274
2007	25,817.98	19,794	18,671	7,147	3.50	2,042
	652,694.00	625,776	590,273	62,421		57,316
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					1.1	8.78

COMMON PLANT

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1						
NET SALVAGE PERCENT.. 0						
1892	662.94	663	663			
1914	1,915.22	1,845	1,915			
1922	232.91	214	233			
1924	5,907.45	5,358	5,907			
1925	5,647.17	5,091	5,647			
1927	13,978.16	12,448	13,840	138	6.02	23
1930	122.02	107	119	3	6.96	
1931	403.82	350	389	15	7.28	2
1933	25.47	22	24	1	7.93	
1937	121.50	101	112	10	9.28	1
1938	8,310.34	6,855	7,622	688	9.63	71
1941	1,241.54	1,000	1,112	130	10.70	12
1942	3,975.39	3,176	3,531	444	11.06	40
1944	452,388.51	355,247	394,975	57,414	11.81	4,861
1946	1,117.60	862	958	160	12.58	13
1947	293.41	224	249	44	12.97	3
1948	238.29	180	200	38	13.37	3
1949	60,980.97	45,714	50,826	10,155	13.77	737
1950	3,326.06	2,469	2,745	581	14.17	41
1951	16,504.21	12,129	13,485	3,019	14.58	207
1952	63,925.13	46,491	51,690	12,235	15.00	816
1953	79,248.67	57,031	63,409	15,840	15.42	1,027
1954	1,992.49	1,418	1,577	415	15.85	26
1955	35,565.89	25,038	27,838	7,728	16.28	475
1956	1,395,306.57	971,133	1,079,736	315,571	16.72	18,874
1957	46,520.58	31,998	35,576	10,945	17.17	637
1958	114,683.49	77,943	86,659	28,024	17.62	1,590
1959	506,068.46	339,800	377,800	128,268	18.07	7,098
1960	42,053.63	27,885	31,003	11,051	18.53	596
1961	798,747.44	522,820	581,288	217,459	19.00	11,445
1962	13,782.07	8,901	9,896	3,886	19.48	199
1963	102,934.00	65,578	72,912	30,022	19.96	1,504
1964	448.18	282	314	134	20.44	7
1965	230,964.86	143,071	159,071	71,894	20.93	3,435
1966	9,078.19	5,541	6,161	2,917	21.43	136
1967	632,206.34	380,013	422,510	209,696	21.94	9,558
1968	3,205,980.20	1,897,363	2,109,548	1,096,432	22.45	48,839
1969	23,966.84	13,957	15,518	8,449	22.97	368
1970	4,400,615.40	2,521,157	2,803,101	1,597,514	23.49	68,008
1971	13,302.70	7,493	8,331	4,972	24.02	207
1972	26,158,957.10	14,477,675	16,096,733	10,062,224	24.56	409,700

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1						
NET SALVAGE PERCENT.. 0						
1973	9,578.53	5,207	5,789	3,790	25.10	151
1974	81,268.56	43,368	48,218	33,051	25.65	1,289
1975	74,766.72	39,151	43,529	31,238	26.20	1,192
1976	104,333.63	53,551	59,540	44,794	26.77	1,673
1977	186,882.94	94,019	104,533	82,350	27.33	3,013
1978	392,265.71	193,210	214,817	177,449	27.91	6,358
1979	82,947.09	39,980	44,451	38,496	28.49	1,351
1980	401,265.37	189,177	210,333	190,932	29.07	6,568
1981	1,010,941.86	465,589	517,656	493,286	29.67	16,626
1982	329,087.17	147,971	164,519	164,568	30.27	5,437
1983	1,249,564.20	548,221	609,529	640,035	30.87	20,733
1984	1,767,868.17	756,011	840,557	927,311	31.48	29,457
1985	594,780.51	247,643	275,337	319,444	32.10	9,952
1986	1,215,082.75	492,218	547,263	667,820	32.72	20,410
1987	1,850,237.45	728,661	810,148	1,040,089	33.34	31,196
1988	1,666,528.41	637,214	708,475	958,053	33.97	28,203
1989	429,451.01	159,210	177,015	252,436	34.61	7,294
1990	1,738,644.41	624,330	694,150	1,044,494	35.25	29,631
1991	2,611,302.51	906,827	1,008,239	1,603,064	35.90	44,654
1992	4,115,110.06	1,380,414	1,534,788	2,580,322	36.55	70,597
1993	7,516,764.16	2,432,726	2,704,781	4,811,983	37.20	129,354
1994	3,102,266.77	966,790	1,074,907	2,027,360	37.86	53,549
1995	23,636,129.65	7,082,330	7,874,356	15,761,774	38.52	409,184
1996	3,165,132.68	909,817	1,011,563	2,153,570	39.19	54,952
1997	5,502,353.29	1,514,633	1,684,016	3,818,337	39.86	95,794
1998	44,091,978.26	11,600,159	12,897,420	31,194,558	40.53	769,666
1999	1,981,853.83	496,910	552,480	1,429,374	41.21	34,685
2000	417,130.00	99,506	110,634	306,496	41.88	7,318
2001	815,059.23	184,203	204,803	610,256	42.57	14,335
2002	2,857,217.59	610,416	678,680	2,178,538	43.25	50,371
2003	22,956,953.78	4,616,414	5,132,674	17,824,280	43.94	405,650
2004	2,702,538.22	509,564	566,549	2,135,989	44.63	47,860
2005	1,579,625.81	278,014	309,105	1,270,521	45.32	28,034
2006	513,882.40	83,994	93,387	420,495	46.01	9,139
2007	4,705,608.60	709,276	788,595	3,917,014	46.71	83,858
2008	6,663,420.06	919,552	1,022,387	5,641,033	47.41	118,984
2009	14,691,479.54	1,837,757	2,043,276	12,648,204	48.12	262,847
2010	25,020,314.81	2,806,779	3,120,665	21,899,650	48.83	448,488
2011	2,943,249.59	292,176	324,850	2,618,400	49.54	52,854
2012	4,751,143.70	410,309	456,194	4,294,950	50.25	85,472
2013	6,922,683.16	507,225	563,949	6,358,734	50.97	124,754

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 390 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1						
NET SALVAGE PERCENT.. 0						
2014	4,711,309.86	282,679	314,291	4,397,019	51.70	85,049
2015	3,629,817.27	170,275	189,317	3,440,500	52.42	65,633
2016	3,575,230.85	120,271	133,721	3,441,510	53.15	64,751
2017	12,965,289.79	261,640	290,900	12,674,390	53.89	235,190
2018	6,829,482.77	45,962	51,102	6,778,381	54.63	124,078
	276,613,563.94	69,577,992	77,358,711	199,254,853		4,788,193
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					41.6	1.73

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 391.1 OFFICE FURNITURE AND EQUIPMENT - OFFICE MACHINES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 10-SQUARE						
NET SALVAGE PERCENT.. 0						
2009	61,698.40	58,613	44,145	17,553	0.50	17,553
2012	23,764.11	15,447	11,634	12,130	3.50	3,466
2013	4,855.49	2,671	2,012	2,844	4.50	632
	90,318.00	76,731	57,791	32,527		21,651
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 1.5						23.97

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 391.2 OFFICE FURNITURE AND EQUIPMENT - FURNITURE AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	239,473.43	231,492	179,421	60,052	0.50	60,052
2005	665,143.95	598,630	463,977	201,167	1.50	134,111
2006	573,068.01	477,555	370,136	202,932	2.50	81,173
2007	25,407.89	19,479	15,097	10,311	3.50	2,946
2008	863,609.06	604,526	468,546	395,063	4.50	87,792
2009	68,987.13	43,692	33,864	35,123	5.50	6,386
2010	953,124.79	540,107	418,617	534,508	6.50	82,232
2011	486,527.93	243,264	188,545	297,983	7.50	39,731
2012	264,226.94	114,497	88,743	175,484	8.50	20,645
2013	551,666.18	202,279	156,779	394,887	9.50	41,567
2014	269,581.12	80,874	62,683	206,898	10.50	19,705
2015	765,681.81	178,657	138,471	627,211	11.50	54,540
2016	2,471,622.59	411,945	319,283	2,152,340	12.50	172,187
2017	6,170,177.91	617,018	478,228	5,691,950	13.50	421,626
2018	1,364,311.84	45,473	35,245	1,329,067	14.50	91,660
	15,732,610.58	4,409,488	3,417,635	12,314,976		1,316,353

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.4 8.37

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 391.3 OFFICE FURNITURE AND EQUIPMENT - COMPUTERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 5-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	4,090,552.77	3,681,497	3,511,054	579,499	0.50	579,499
2015	5,077,190.59	3,554,033	3,389,491	1,687,700	1.50	1,125,133
2016	9,396,115.90	4,698,058	4,480,551	4,915,565	2.50	1,966,226
2017	7,649,693.65	2,294,908	2,188,660	5,461,034	3.50	1,560,295
2018	5,744,073.84	574,407	547,814	5,196,260	4.50	1,154,724
	31,957,626.75	14,802,903	14,117,570	17,840,057		6,385,877
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				2.8		19.98

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - AUTOMOBILES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. IOWA 6-L3						
NET SALVAGE PERCENT.. 0						
2002	90,582.44	90,582	90,582			
2015	752.09	405	752			
2017	2,305.47	573	1,523	782	4.51	173
	93,640.00	91,560	92,857	783		173

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 4.5 0.18

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 12-S4						
NET SALVAGE PERCENT.. 0						
2002	764,523.24	725,020	764,523			
2003	89,864.95	84,024	89,865			
2004	39,689.27	36,481	39,689			
2005	270,137.99	242,900	270,138			
2006	457,469.96	400,286	457,470			
2007	601,846.45	507,555	601,846			
2008	802,845.20	644,950	802,845			
2009	662,031.71	498,179	632,502	29,530	2.97	9,943
2010	4,088,837.63	2,824,692	3,586,305	502,533	3.71	135,454
2011	1,269,982.95	786,335	998,352	271,631	4.57	59,438
2012	793,430.84	428,453	543,976	249,455	5.52	45,191
2013	3,195,720.52	1,464,695	1,859,616	1,336,105	6.50	205,555
2014	4,332,776.39	1,624,791	2,062,879	2,269,897	7.50	302,653
2015	4,278,140.61	1,247,805	1,584,247	2,693,894	8.50	316,929
2016	5,548,764.84	1,155,974	1,467,656	4,081,109	9.50	429,590
2017	3,397,928.07	424,741	539,262	2,858,666	10.50	272,254
2018	2,750,732.31	114,623	145,529	2,605,204	11.50	226,539
	33,344,722.93	13,211,504	16,446,700	16,898,023		2,003,546

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.4 6.01

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.3 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 14-R4						
NET SALVAGE PERCENT.. 0						
1996	130,266.21	130,266	130,266			
1997	202,652.05	202,652	202,652			
2001	2,173.23	2,037	2,173			
2002	6,881.87	6,312	6,882			
2004	912,469.90	793,201	876,879	35,591	1.83	19,449
2005	203,406.18	169,989	187,922	15,484	2.30	6,732
2006	2,122,365.72	1,685,774	1,863,613	258,753	2.88	89,845
2007	4,271,152.00	3,191,149	3,527,796	743,356	3.54	209,988
2008	8,295,138.21	5,771,011	6,379,817	1,915,321	4.26	449,606
2009	3,157,176.58	2,025,108	2,238,745	918,432	5.02	182,955
2010	7,893,545.70	4,595,149	5,079,909	2,813,637	5.85	480,964
2011	4,044,377.53	2,103,076	2,324,938	1,719,440	6.72	255,869
2012	4,696,834.45	2,137,060	2,362,507	2,334,327	7.63	305,941
2013	7,492,009.97	2,905,851	3,212,400	4,279,610	8.57	499,371
2014	10,424,413.99	3,320,906	3,671,241	6,753,173	9.54	707,880
2015	3,593,131.40	893,145	987,366	2,605,765	10.52	247,696
2016	9,193,523.00	1,635,160	1,807,660	7,385,863	11.51	641,691
2017	7,617,326.79	816,120	902,216	6,715,111	12.50	537,209
2018	4,793,571.78	171,178	189,236	4,604,336	13.50	341,062
	79,052,416.56	32,555,144	35,954,218	43,098,198		4,976,258

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.7 6.29

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.4 TRANSPORTATION EQUIPMENT - TRACTORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 11-L2						
NET SALVAGE PERCENT.. 0						
1995	177,146.57	154,440	177,147			
2002	44,306.19	32,545	44,306			
2009	57,897.77	33,423	60,091	2,193-		
	279,350.53	220,408	281,544	2,193-		
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.5 TRANSPORTATION EQUIPMENT - TRAILERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 14-L1.5						
NET SALVAGE PERCENT.. 0						
1960	5,673.50	5,674	5,674			
1961	3,539.00	3,539	3,539			
1962	972.68	973	973			
1963	1,026.82	1,027	1,027			
1966	3,152.61	3,153	3,153			
1967	23,398.38	23,398	23,398			
1968	54,611.08	54,611	54,611			
1969	11,345.85	11,346	11,346			
1970	27,731.60	27,732	27,732			
1971	6,644.50	6,644	6,644			
1972	4,524.32	4,524	4,524			
1973	67,709.54	67,710	67,710			
1974	814.23	814	814			
1975	25,351.71	24,772	25,352			
1976	1,544.50	1,494	1,544			
1978	24,007.27	22,721	24,007			
1988	18,644.38	15,595	18,644			
1994	125,649.32	94,865	125,649			
1995	132,685.56	98,187	132,686			
1996	209,721.43	151,748	208,590	1,131	3.87	292
1997	239,239.39	169,176	232,546	6,693	4.10	1,632
2000	67,159.32	43,989	60,466	6,693	4.83	1,386
2001	16,382.93	10,427	14,333	2,050	5.09	403
2002	174,201.67	107,632	147,949	26,253	5.35	4,907
2003	23,049.70	13,813	18,987	4,063	5.61	724
2004	9,379.42	5,440	7,478	1,901	5.88	323
2005	23,623.28	13,246	18,208	5,415	6.15	880
2006	77,184.28	41,790	57,444	19,740	6.42	3,075
2007	368,948.83	191,853	263,717	105,232	6.72	15,660
2009	7,165.37	3,383	4,650	2,515	7.39	340
2010	308,073.67	136,652	187,839	120,235	7.79	15,435
2011	45,336.50	18,620	25,595	19,742	8.25	2,393
2012	98,806.05	36,770	50,543	48,263	8.79	5,491
2013	70,130.41	22,993	31,606	38,524	9.41	4,094
2014	303,236.60	84,473	116,114	187,123	10.10	18,527
2015	445,680.25	99,962	137,405	308,275	10.86	28,386

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.5 TRANSPORTATION EQUIPMENT - TRAILERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 14-L1.5						
NET SALVAGE PERCENT.. 0						
2016	850,547.86	140,340	192,908	657,640	11.69	56,257
2017	666,229.90	67,576	92,888	573,342	12.58	45,576
2018	386,323.56	13,247	18,209	368,114	13.52	27,227
	4,929,447.27	1,841,909	2,426,502	2,502,945		233,008
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					10.7	4.73

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.6 TRANSPORTATION EQUIPMENT - OTHER VEHICLES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 15-L2						
NET SALVAGE PERCENT.. 0						
1946	920.22	920	920			
1962	57.56	58	58			
1965	84,406.50	84,406	84,406			
1972	17,323.55	17,324	17,324			
1973	3,536.26	3,536	3,536			
1974	3,888.93	3,889	3,889			
1983	2,890.72	2,644	2,891			
1992	6,119.39	4,871	6,119			
1993	27,544.80	21,522	27,545			
1994	74,146.19	56,796	74,146			
1995	70,184.76	52,686	70,185			
1996	28,685.34	21,055	28,685			
2000	5,141.00	3,431	4,983	158	4.99	32
2002	1,179,478.95	748,580	1,087,185	92,294	5.48	16,842
2003	302,059.24	186,875	271,404	30,655	5.72	5,359
2005	310,885.69	182,387	264,886	46,000	6.20	7,419
2006	906,063.59	515,251	748,314	157,750	6.47	24,382
2007	365,024.87	200,519	291,220	73,805	6.76	10,918
2008	149,463.48	78,718	114,325	35,138	7.10	4,949
2009	231,325.16	115,663	167,981	63,344	7.50	8,446
2010	281,323.47	131,848	191,487	89,836	7.97	11,272
2011	5,537.55	2,385	3,464	2,074	8.54	243
2012	248,450.64	95,902	139,281	109,170	9.21	11,853
2014	322,483.80	90,512	131,453	191,031	10.79	17,704
2015	200,945.00	44,877	65,176	135,769	11.65	11,654
2016	125,532.09	20,420	29,656	95,876	12.56	7,633
2018	118,132.30	3,937	5,718	112,414	14.50	7,753
	5,071,551.05	2,691,012	3,836,237	1,235,314		146,459

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.4 2.89

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 392.7 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. IOWA 8-L4						
NET SALVAGE PERCENT.. 0						
2017	1,995,253.94	374,110	383,972	1,611,282	6.50	247,890
2018	6,914,677.86	432,167	443,559	6,471,119	7.50	862,816
	8,909,931.80	806,277	827,531	8,082,401		1,110,706
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					7.3	12.47

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 393 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2006	134,383.00	111,985	66,660	67,723	2.50	27,089
2007	270,798.56	207,613	123,583	147,216	3.50	42,062
2008	83,816.00	58,671	34,925	48,891	4.50	10,865
2009	54,743.00	34,670	20,638	34,105	5.50	6,201
2010	60,242.00	34,137	20,320	39,922	6.50	6,142
2011	5,183.04	2,592	1,543	3,640	7.50	485
2013	46,416.68	17,020	10,131	36,286	9.50	3,820
2014	770.40	231	138	632	10.50	60
2015	770.40	180	107	663	11.50	58
2016	115,923.80	19,321	11,501	104,423	12.50	8,354
2017	785.81	79	47	739	13.50	55
2018	463,423.36	15,446	9,194	454,229	14.50	31,326
	1,237,256.05	501,945	298,787	938,469		136,517

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.9 11.03

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 394.1 TOOLS, SHOP AND GARAGE EQUIPMENT - CONSTRUCTION TOOLS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2007	11,617.00	8,906	31,889-	43,506	3.50	12,430
	11,617.00	8,906	31,889-	43,506		12,430

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 3.5 107.00

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 394.2 TOOLS, SHOP AND GARAGE EQUIPMENT - COMMON TOOLS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2005	10,526.02	9,473	7,617	2,909	1.50	1,939
2006	10,804.91	9,004	7,240	3,565	2.50	1,426
2014	55,267.65	16,580	13,331	41,937	10.50	3,994
2016	2,088.50	348	280	1,808	12.50	145
2018	952,765.21	31,756	25,533	927,233	14.50	63,947
	1,031,452.29	67,161	54,001	977,452		71,451

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.7 6.93

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 394.3 TOOLS, SHOP AND GARAGE EQUIPMENT - GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
1999	824,190.47	803,586	784,572	39,618	0.50	39,618
2000	23,910.82	22,118	21,595	2,316	1.50	1,544
2001	94,843.94	82,988	81,024	13,820	2.50	5,528
2002	223,879.62	184,701	180,331	43,549	3.50	12,443
2003	286,764.74	222,243	216,985	69,780	4.50	15,507
2004	54,167.87	39,272	38,343	15,825	5.50	2,877
2006	3,478.87	2,174	2,123	1,356	7.50	181
2007	21,453.01	12,335	12,043	9,410	8.50	1,107
2008	12,963.09	6,806	6,645	6,318	9.50	665
2010	73,469.80	31,225	30,486	42,984	11.50	3,738
2011	50,175.40	18,816	18,371	31,804	12.50	2,544
2012	22,052.17	7,167	6,997	15,055	13.50	1,115
2013	60,134.71	16,537	16,146	43,989	14.50	3,034
2014	126,931.56	28,560	27,884	99,048	15.50	6,390
2015	83,948.79	14,691	14,343	69,606	16.50	4,219
2016	424,469.01	53,059	51,803	372,666	17.50	21,295
2017	171,250.58	12,844	12,540	158,711	18.50	8,579
2018	118,598.24	2,965	2,895	115,703	19.50	5,933
	2,676,682.69	1,562,087	1,525,126	1,151,556		136,317

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.4 5.09

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 396 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR CURVE.. IOWA 12-R1.5						
NET SALVAGE PERCENT.. 0						
1973	28,014.86	28,015	28,015			
1977	11,826.57	11,827	11,827			
1980	3,955.00	3,955	3,955			
1981	6,017.00	6,017	6,017			
1986	5,472.23	5,472	5,472			
1998	35,800.78	32,608	35,801			
2002	93,979.86	77,141	90,322	3,658	2.15	1,701
	185,066.30	165,035	181,409	3,658		1,701

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 2.2 0.92

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 397 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 20-L3						
NET SALVAGE PERCENT.. 0						
1996	14,418.94	10,403	10,121	4,298	5.57	772
1997	2,320,209.43	1,653,149	1,608,336	711,873	5.75	123,804
1998	7,398,704.24	5,208,688	5,067,491	2,331,213	5.92	393,786
1999	1,031,170.51	717,179	697,738	333,433	6.09	54,751
2001	122,375.76	82,665	80,424	41,952	6.49	6,464
2002	50,892.16	33,665	32,752	18,140	6.77	2,679
2003	644,013.54	415,067	403,815	240,199	7.11	33,783
2005	50,000.00	29,850	29,041	20,959	8.06	2,600
2006	7,909,519.60	4,480,743	4,359,279	3,550,241	8.67	409,486
2007	6,682,064.26	3,554,858	3,458,493	3,223,571	9.36	344,399
2008	1,390,893.17	687,101	668,475	722,418	10.12	71,385
2009	69,265.89	31,377	30,526	38,740	10.94	3,541
2012	745,044.85	238,042	231,589	513,456	13.61	37,726
2013	34,962.40	9,510	9,252	25,710	14.56	1,766
2014	1,089,078.66	243,954	237,341	851,738	15.52	54,880
2015	1,889,807.96	329,771	320,832	1,568,976	16.51	95,032
2016	466,259.31	58,282	56,702	409,557	17.50	23,403
2017	221,177.09	16,588	16,138	205,039	18.50	11,083
2018	18,178,389.54	454,460	442,142	17,736,248	19.50	909,551
	50,308,247.31	18,255,352	17,760,487	32,547,761		2,580,891

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.6 5.13

PECO ENERGY COMPANY
COMMON PLANT

ACCOUNT 398 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AT DECEMBER 31, 2018

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2004	13,659.19	13,204	11,674	1,985	0.50	1,985
2007	20,663.73	15,842	14,006	6,658	3.50	1,902
2008	29,625.38	20,738	18,335	11,290	4.50	2,509
2009	18,269.07	11,570	10,229	8,040	5.50	1,462
2010	511,435.53	289,815	256,229	255,207	6.50	39,263
2011	22,622.02	11,311	10,000	12,622	7.50	1,683
2012	67,989.42	29,462	26,048	41,941	8.50	4,934
2014	497,037.52	149,111	131,832	365,206	10.50	34,782
2015	16,773.27	3,914	3,460	13,313	11.50	1,158
	1,198,075.13	544,967	481,813	716,262		89,678

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.0 7.49

PECO ENERGY COMPANY
STATEMENT NO. 5

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: PAUL R. MOUL

SUBJECT: OVERALL RATE OF RETURN, INCLUDING CAPITAL STRUCTURE RATIOS, EMBEDDED COST OF DEBT AND THE COST OF EQUITY, FOR PECO ENERGY COMPANY – ELECTRIC DIVISION

DATED: MARCH 30, 2021

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Educational Background, Business Experience and Qualifications .....APPENDIX A

GLOSSARY OF ACRONYMS AND DEFINED TERMS	
ACRONYM	**DEFINED TERM**
AFUDC	Allowance for Funds Used During Construction
β	Beta
b	Represents the retention rate that consists of the fraction of earnings that are not paid out as dividends
b x r	Represents internal growth
CAPM	Capital Asset Pricing Model
CCR	Corporate Credit Rating
CE	Comparable Earnings Approach
Commission	Pennsylvania Public Utility Commission
Company	PECO Energy Company
CWIP	Construction Work in Progress
DCF	Discounted Cash Flow
FOMC	Federal Open Market Committee
g	Growth rate
IGF	Internally Generated Funds
LDC	Local Distribution Company
Lev	Leverage modification
LT	Long Term
M&M	Modigliani & Miller
OCI	Other Comprehensive Income
PECO	PECO Energy Company
PUHCA	Public Utility Holding Company Act
r	Represents the expected rate of return on common equity
Rf	Risk-free rate of return
Rm	Market risk premium
RP	Risk Premium
s	Represents the new common shares expected to be issued by a firm
s x v	Represents external growth

GLOSSARY OF ACRONYMS AND DEFINED TERMS	
ACRONYM	**DEFINED TERM**
S&P	Standard & Poor's
v	Represents the value that accrues to existing shareholders from selling stock at a price different from book value
ytm	Yield to maturity

DIRECT TESTIMONY
OF
PAUL R. MOUL

I. INTRODUCTION AND SUMMARY OF RECOMMENDATIONS

1. Q. Please state your name, occupation and business address.

A. My name is Paul Ronald Moul. My business address is 251 Hopkins Road, Haddonfield, New Jersey 08033-3062. I am Managing Consultant at the firm P. Moul & Associates, an independent financial and regulatory consulting firm. My educational background, business experience and qualifications are provided in Appendix A, which follows my direct testimony.

2. Q. What is the purpose of your direct testimony?

A. My testimony presents evidence, analysis, and a recommendation concerning the appropriate cost of common equity and overall rate of return that the Pennsylvania Public Utility Commission ("Commission") should recognize in determining the revenues that PECO Energy Company's ("PECO" or the "Company") Electric Division will be authorized to realize at the conclusion of this proceeding. My analysis and recommendation are supported by the detailed financial data contained in PECO Exhibit PRM-1, which is a multi-page document divided into fourteen (14) schedules. My testimony is based upon my first-hand knowledge of PECO, consisting of information obtained from meetings with the Company's management and Company-specific data that is widely disseminated within the financial community.

3. Q. Based upon your analysis, what is your conclusion concerning the appropriate rate of return for the Company in this case?

A. My conclusion is that the Company should be afforded an opportunity to earn a rate of return on common equity of 10.95%. The 10.95% rate of return on common equity is composed of a 10.70% cost of equity determined from the results of my proxy group analysis and 0.25% in recognition of the exemplary performance of the Company's management. My analysis of the Company and its superior performance is based upon the direct testimony of Mr. John E. McDonald, the Company's Senior Vice President and Chief Operating Officer, and the direct testimony of other Company witnesses.

As shown on Schedule 1, I have calculated a 7.68% overall cost of capital for the Company estimated at December 31, 2022. This return, which is the product of weighting the individual capital costs by the proportion of each respective type of capital, should establish a compensatory level of return for the use of capital and provide the Company with the ability to attract capital on reasonable terms.

4. Q. Are there unusual factors that you included in your analysis of the cost of equity for PECO that make this case unique?

A. Yes. My cost of equity analysis reflects the impact of the coronavirus pandemic and the collapse of crude oil prices that occurred in the first quarter of 2020. These events have had a significant impact on the capital markets – both debt and equity. Extraordinary events around the COVID-19 pandemic have produced significant turmoil that has rocked the stock and bond markets beginning in the

February-March 2020 time frame. During this period, we saw abrupt reaction to the coronavirus pandemic and declines in the price of crude oil. These events led to the end of the record-setting 128-month economic expansion. As we entered a recession in February 2020, extraordinary actions were taken by the Federal Open Market Committee ("FOMC") to address these disruptions. How these events are fully resolved is yet to be determined.

I have considered these events as they impact the inputs that I used in the various models of the cost of equity. I have analyzed the cost of equity models using input data that follows the onset of the economic recession.

5. Q. What background information have you considered in reaching a conclusion concerning the Company's cost of capital?

A. The Company is a wholly owned subsidiary of Exelon Corporation ("Exelon"). The common stock of Exelon is traded on the Nasdaq Global Select Market. Exelon is a component of the S&P 500 Composite Index. PECO provides electric delivery service to more than 1,600,000 electric customers in both the City of Philadelphia and the surrounding counties. Natural gas distribution service is also provided to approximately 532,000 customers located in the suburban counties surrounding the City of Philadelphia. PECO witness Robert J. Stefani describes the percentage of residential, commercial, and industrial customers among all of the customers served by PECO. Notably, with industrial customers representing 21% of sales, the energy needs of just 0.2% of all customers can have a significant impact on the Company's operations. Indeed, the Company's top ten

customers represent 2,445 GWh, or 7% of total sales. For those distribution customers who receive default service, PECO obtains the necessary energy from third parties.

6. Q. How have you determined the cost of common equity in this case?

A. The cost of common equity is established using capital-market and financial data that investors rely upon to assess the relative risk, and hence the cost of equity for an electric utility. In this regard, I employed four well-recognized measures of the cost of equity: (1) the Discounted Cash Flow ("DCF") model; (2) the Risk Premium ("RP") analysis; (3) the Capital Asset Pricing Model ("CAPM"); and (4) the Comparable Earnings ("CE") approach.

7. Q. In your opinion, what factors should the Commission consider when determining the Company's cost of capital in this proceeding?

A. The Commission's rate of return allowance must be set to cover the Company's interest and dividend payments, provide a reasonable level of earnings retention, produce an adequate level of internally generated funds to meet capital requirements, be commensurate with the risk to which the Company's capital is exposed, assure confidence in the financial integrity of the Company, support reasonable credit quality, and allow the Company to raise capital on reasonable terms. The return that I propose fulfills these established standards of a fair rate of return set forth by the landmark Bluefield and Hope cases.[1] That is to say, my

[1] *Bluefield Water Works & Improvement Co. v. P.S.C. of West Virginia*, 262 U.S. 679 (1923) and *F.P.C. v. Hope Natural Gas Co.*, 320 U.S. 591 (1944).

proposed rate of return is commensurate with returns available on investments having corresponding risks.

8. Q. How have you measured the cost of equity in this case?

A. The models that I used to measure the cost of common equity for the Company were applied with market and financial data developed for my proxy group of nine (9) electric companies. The proxy group consists of electric companies that: (i) have publicly-traded common stock, (ii) are contained in The Value Line Investment Survey and are classified in the Electric Utility East group, (iii) are not currently the target of an announced merger or acquisition, (iv) are not engaged in the construction of a nuclear generating plant, and (v) have not recently reduced their common dividend. The companies in the proxy group are identified on page 2 of Schedule 3. I will refer to these companies as the "Electric Group" throughout my testimony.

9. Q. How have you performed your cost of equity analysis with the market data for the Electric Group?

A. I have applied the models/methods for estimating the cost of equity using the average data for the Electric Group. I have not measured separately the cost of equity for the individual companies within the Electric Group because the determination of the cost of equity for an individual company has become increasingly problematic. By employing group average data, I have helped to minimize the effect of extraneous influences on the market data for an individual company.

10. Q. Please summarize your cost of equity analysis.

A. My cost of equity determination was derived from the results of the methods/models identified above. In general, the use of more than one method provides a superior foundation to arrive at the cost of equity. At any point in time, any single method can provide an incomplete measure of the cost of equity depending upon extraneous factors that may influence market sentiment. The specific application of these methods/models will be described later in my testimony. The following table provides a summary of the indicated costs of equity using each of these approaches.

	Electric Group
DCF	10.66%
Risk Premium	10.00%
CAPM	11.65%
Comparable Earnings	12.60%

Based on the foregoing and a 25 basis point addition for superior management performance, as discussed in the testimony of other PECO witnesses, I recommend that the Commission allow the Company the opportunity to earn a rate of return on common equity of 10.95%. While my recommendation is well within the range of results shown above, there is always the potential that the Company may not actually achieve its allowed rate of return due in the current economic environment. Uncertainty in this regard is related to unanticipated increases in operating and maintenance expenses and the impact on commercial

and industrial sales during this recessionary period. My recommendation should be viewed as the minimum necessary to satisfy investors' expectations. It is important that the Company will have a reasonable opportunity to earn its cost of capital and that way, sustain its ability to attract and retain capital at the level needed to support the increased demand for capital investment that I discuss in more detail in Section II, below.

II. ELECTRIC UTILITY RISK FACTORS

11. Q. Please identify some of the factors that make the electric utility industry generally different today than it was in the past.

A. Electric utilities generally are faced with a variety of challenges that affect their operations, while retaining the obligation to serve under cost of service pricing that continues to dominate their business risk profile.

PECO is part of the PJM Interconnection, L.L.C. ("PJM"). Aside from its traditional responsibility to maintain reliability and comply with the mandates of PJM, PECO primarily provides delivery service at regulated prices, along with its responsibility for default service.

The risk associated with distributed generation is a major concern for the business of electric delivery utilities. With technological advances in micro-turbines, potential commercialization of fuel cells, development of wind and solar power, the creation of micro-grids, and the requirements of the Federal Energy Regulatory Commission for PJM to facilitate greater participation by distributed

generation in the PJM region,[2] utilities like PECO face the potential for bypass and the resulting declines in transmission and distribution revenues. That is to say, the development of distributed generation and local alternative energy has the potential to displace delivery revenue that can impact the incumbent utility's financial profile. This risk is exacerbated by net metering rules that require offsets against distribution rates even though distribution costs may not be reduced as a result of the installation of distributed generation.

The cost to replace aging infrastructure also adds to the risk of electric delivery utilities, such as PECO, because these expenditures increase costs without any concomitant increase in revenues, except through regulatory approved rate increases, such as the Distribution System Improvement Charge ("DSIC"). The Company continues to make substantial investments to harden its system and expand its vegetation management practices to reduce the number and duration of storm-related outages experienced by customers. The DSIC contains a variety of limitations that will not eliminate the need for periodic rate cases to cover the significant new investment that is being made by PECO. PECO has been engaged in energy efficiency and conservation ("EE&C") programs mandated by Act 129 of 2008, P.L. 1592 ("Act 129"). Costs to the Company from demand response programs such as the Company's EE&C program are recoverable only on a prospective basis in future rate cases and can result in the loss of sales between rate cases.

[2] Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators, Order No. 2222, 172 FERC ¶ 61,247 (2020).

12. Q. What are the primary risk factors facing the electric delivery utilities industry?

A. A pricing structure restricted by regulation diminishes management's ability to adjust its business strategy quickly to changing market conditions to respond to broadening competition and the potential for bypass arising from self-generation or distributed-generation. The financial structure of the electric business is uncertain due to the adequacy of capital recovery, counter-party risk, potential for financial penalties associated with operational problems, and growth in the utilization of the transmission and distribution network by non-affiliated generators and marketers. Regulatory risks include the overall framework of ratesetting, cost allocation, and rate design issues, and the level of return that will be allowed.

13. Q. Please indicate how the Company's risk profile is affected by its construction program.

A. The Company is faced with the requirement to undertake investment to maintain and upgrade existing facilities in its service territory and to meet growth. Over five years, the Company's total capital expenditures, as shown in the table below, are expected to be $6,604 million:

Year	Construction
2021	$1,269,323
2022	$1,290,947
2023	$1,275,154
2024	$1,379,062
2025	$1,389,258
Total	$6,603,744

These expenditures represent approximately 65% ($6,604 million ÷ $10,181 million) of the Company's total net utility plant at December 31, 2020. Of the construction expenditures shown above, $4,594 million relates to the Company's electric distribution operations. A reasonable opportunity to experience a fair rate of return represents the key to a financial profile that will provide the Company with the ability to raise capital in all market conditions to meet its needs, and to satisfy investor requirements in an evolving industry.

14. Q. How should the Commission respond to the evolving business environment facing the Company?

A. In the situation where additional capital is required, as shown by the projected construction expenditures indicated above, the regulatory process must establish a return on equity that provides a reasonable opportunity for the Company to actually achieve its cost of capital. Where ongoing capital investment is required to meet the high quality of service that customers demand, supportive regulation is essential.

III. FUNDAMENTAL RISK ANALYSIS

15. Q. Is it necessary to conduct a fundamental risk analysis to provide a framework for the determination of the cost of equity?

A. Yes. It is necessary to establish a company's relative risk position within its industry through a fundamental analysis of various quantitative and qualitative factors which bear upon investors' assessment of overall risk. The qualitative factors that bear upon the Company's risk have already been discussed. The quantitative risk analysis follows. For this purpose, I have compared PECO to the S&P Public Utilities, an industry-wide proxy consisting of all types of public utility endeavors, and the Electric Group.

16. Q. What are the components of the S&P Public Utilities?

A. The S&P Public Utilities is a widely recognized index comprised of electric power and natural gas companies. These companies are identified on page 3 of Schedule 4. I have used this group as a broad-based measure of all types of regulated public utility endeavors.

17. Q. What companies comprise your Electric Group?

A. My Electric Group obtained from the Value Line publication consists of the following companies: AVANGRID, Inc., Consolidated Edison, Duke Energy, Eversource Energy, Exelon Corp., FirstEnergy Corp., NextEra Energy, PPL Corp., and Public Service Enterprise Group.

18. Q. Is knowledge of a utility's bond rating an important factor in assessing its risk and cost of capital?

A. Yes. Knowledge of a company's credit quality rating is an important determinant in analyzing a company's cost of equity because the cost of each type of capital is directly related to the associated risk of the firm. So, while a company's credit quality risk is directly shown by the rating and yield on its bonds, these relative risk assessments also bear upon the cost of equity. This is because a firm's cost of equity is represented by its borrowing cost plus a premium to recognize the higher risk of an equity investment compared to debt.

19. Q. How do the bond ratings compare for PECO, the Electric Group, and the S&P Public Utilities?

A. Presently, the issuer credit rating for PECO is BBB+ (A on First Mortgage Bonds) from Standard and Poor's Corporation ("S&P") and the Long Term ("LT") issuer rating is A2 (Aa3 on First Mortgage Bonds) from Moody's Investors Services ("Moody's"). The issuer credit rating designation by S&P and LT issuer rating by Moody's focus upon the credit quality of the issuer of the debt, rather than upon the debt obligation itself. The Company's credit quality is similar to that of the Electric Group, which has an average A2 and BBB+ credit rating from Moody's and S&P, respectively. For the S&P Public Utilities, the average composite credit rating is A3 by Moody's and BBB+ by S&P. Many of the financial indicators which I will subsequently discuss are considered during the rating process.

20. Q. How do the financial data compare for PECO, the Electric Group, and the S&P Public Utilities?

A. The broad categories of financial data that I will discuss are shown on Schedules 2, 3, and 4. The data cover the five-year period 2015-2019. I will highlight the important categories of relative risk may be summarized as follows:

Size. In terms of capitalization, PECO is smaller than the average size of the Electric Group and the S&P Public Utilities. All other things being equal, a smaller company is riskier than a larger company, because a given change in revenue and expense has a proportionately greater impact on a small firm.

Market Ratios. Historical market-based financial ratios, such as price-earnings multiples and dividend yields, provide a partial measure of the investor-required cost of equity. If all other factors are equal, investors will require a higher rate of return for companies which exhibit greater risk, in order to compensate for that risk. That is to say, a firm that investors perceive to have higher risks will experience a lower price per share in relation to expected earnings.

Since PECO's stock is not traded, there are no market ratios for the Company. The five-year average price-earnings multiple was fairly similar for the Electric Group and the S&P Public Utilities. The five-year average dividend yield for the Electric Group was somewhat higher than the S&P Public Utilities. The average market-to-book ratios were somewhat lower for the Electric Group than the S&P Public Utilities.

Common Equity Ratio. The level of financial risk is measured by the proportion of long-term debt and other senior capital that is contained in a company's capitalization. Financial risk is also analyzed by comparing common equity ratios (the complement of the ratio of debt and other senior capital). That is to say, a firm with a high common equity ratio has low financial risk, while a firm with a low common equity ratio has high financial risk. The five-year average common equity ratios, based on permanent capital based on book value, were 54.1% for PECO, 47.7% for the Electric Group, and 42.2% for the S&P Public Utilities. This shows that the financial risk of PECO historically was somewhat less than that of the Electric Group.

Return on Book Equity. Greater variability (i.e., uncertainty) of a firm's earned returns signifies relative levels of risk, as shown by the coefficient of variation (standard deviation ÷ mean) of the rate of return on book common equity. The higher the coefficient of variation, the greater degree of variability. During the five-year period, the coefficients of variation were 0.048 (0.6% ÷ 12.6%) for PECO, 0.098 (0.9% ÷ 9.2%) for the Electric Group, and 0.049 (0.5% ÷ 10.2%) for the S&P Public Utilities. These comparisons show similar earnings variability for the Company and the S&P Public Utilities and higher variability for the Electric Group.

Operating Ratios. I have also compared operating ratios (the percentage of revenues consumed by operating expense, depreciation and taxes other than income). The five-year average operating ratios were 78.0% for PECO, 76.8%

for the Electric Group, and 78.8% for the S&P Public Utilities. The operating ratio for PECO was similar to the Electric Group and the S&P Public Utilities.

Coverage. The level of fixed charge coverage (i.e., the multiple by which available earnings cover fixed charges, such as interest expense) provides an indication of the earnings protection for creditors. Higher levels of coverage, and hence earnings protection for fixed charges, are usually associated with superior grades of creditworthiness. The five-year average pre-tax interest coverage (excluding AFUDC) was 5.14 times for PECO, 3.48 times for the Electric Group, and 3.22 times for the S&P Public Utilities. The higher interest coverage for PECO suggests lower credit risk.

Quality of Earnings. Measures of earnings quality are usually revealed by the percentage of AFUDC related to income available for common equity, the effective income tax rate, and other cost deferrals. These measures of earnings quality usually influence a firm's internally generated funds. Quality of earnings has not been a significant concern for PECO, the Electric Group, and the S&P Public Utilities.

Internally Generated Funds. Internally generated funds ("IGF") provide an important source of new investment capital for a utility and represent a key measure of credit strength. Historically, the five-year average percentage of IGF to construction expenditures was 71.5% for PECO, 77.6% for the Electric Group, and 74.1% for the S&P Public Utilities. The IGF for PECO was weaker than the reference groups, indicating more risk.

Betas. The financial data that I have been discussing relate primarily to company-specific risks. Market risk for firms with publicly-traded stock is measured by beta coefficients. Beta coefficients attempt to identify systematic risk, i.e., the risk associated with changes in the overall market for common equities. Value Line publishes such a statistical measure of a stock's relative historical volatility to the rest of the market. A comparison of market risk is shown by the Value Line betas of .90 as the average for the Electric Group provided on page 2 of Schedule 3 and .91 as the average for the S&P Public Utilities provided on page 3 of Schedule 4. The systematic risk was similar for the Electric Group and the S&P Public Utilities.

21. Q. Please summarize your risk evaluation of PECO and the Electric Group.

A. The investment risk of PECO parallels that of the Electric Group in certain respects. In certain regards, principally related to its smaller size and weaker IGF to construction, PECO has higher risk traits. PECO has lower risk as shown by its higher common equity operating ratio, lower earnings variability, and higher interest coverages. Operating ratios and quality earnings indicate comparable risk to the Electric Group. On balance, the cost of equity for the Electric Group would fairly represent the Company's cost of equity for this case.

IV. RECOMMENDED CAPITAL STRUCTURE RATIOS

22. Q. Please explain the selection of capital structure ratios for PECO.

A. The capital structure ratios of PECO should be employed for rate of return purposes. If the operating public utility raises its own debt directly in the capital

markets, as PECO does, the operating public utility's own capital structure ratios should be used to determine its overall rate of return. Additionally, if the Company's actual capital structure ratios are used, as they should be, then consistency requires that the embedded cost rates associated with the senior securities reflected in those capital structure ratios should also be employed.

23. Q. Does Schedule 5 provide the Company's capitalization and capital structure ratios?

A. Yes. The capitalization and capital structure ratios at December 31, 2020, 2021, and 2022 correspond with the end of the historic test year ("HTY"), future test year ("FTY"), and fully projected future test year ("FPFTY") in this case. The capitalization and capital structure ratios for the FTY and FPFTY reflect the Company's recent issuance of $375 million of long term debt in March 2021, and its planned issuances of $375 million in the third quarter of 2021, $300 million in the first quarter of 2022, and $425 million in the third quarter of 2022. A $300 million debt maturity will occur in the third quarter of 2021 and a $350 million debt maturity will occur in the third quarter of 2022. Future equity financings include $406.3 million in the FTY and $263.7 million in the FPFTY. The build-up of retained earnings is also reflected. In presenting the Company's capital structure on Schedule 5, I have removed the call premiums on the early redemption of high-cost long-term debt and preferred stock.

24. Q. Please describe the adjustment for the call premiums paid to redeem high-cost debt and preferred stock

A. I have adjusted the principal amounts of long-term debt to exclude the amounts used to finance premiums paid for the early redemption of long-term debt and preferred stock previously redeemed. To do otherwise would deny PECO the opportunity to recover the costs (i.e., a return on and of the money used to fund the call premiums) it incurred solely to redeem high-cost capital. The additional debt PECO issued to finance the call premiums does not increase the Company's rate base. That is to say, no additional rate base was created as a consequence of issuing additional debt and preferred stock to finance the redemptions. Therefore, an adjustment to the capitalization is required to provide the return necessary to service the additional capital PECO issued to fund the call premiums. Thus, while rate base does not change, the return component of the overall cost of capital reflects an adjustment that, when applied to the rate base, furnishes the return necessary to pay the cost of the incremental capitalization that supported the call premiums paid by PECO.

The adjustment for call premiums is appropriate because customers receive all of the cost savings, in the form of a lower overall rate of return, produced by refinancing higher-cost debt and preferred stock, while PECO is simply made whole by recovering the actual costs it incurred to provide these benefits to its customers. In order to produce the savings that resulted from redeeming higher-cost debt and preferred stock, the Company paid to the holders of that debt and preferred stock a premium to surrender their securities prior to maturity. Those

premiums represented an investment made by PECO to reduce its overall cost of capital. Because the reduced interest costs and preferred stock dividends are reflected in the lower cost of capital to customers, it is proper that the Company recover the costs incurred to produce these savings, which consist of a return of and a return on the unamortized premiums. Adjusting the principal amounts in the capital structure provides for the appropriate cost recovery by providing a return on the funds used to pay the premiums, which is reflected as an increment included in the embedded cost rates of PECO's total capital.

25. Q. Should short-term debt be included in the capital structure for rate of return purposes?

A. There is no need to consider short-term debt in the capital structure because the amount of short-term debt is well below the construction work in progress ("CWIP") at the end of the FTY and the FPFTY. Exclusion of short-term debt is required because it finances CWIP and hence the cost of short-term debt is reflected in the AFUDC rate. To avoid double-counting, short-term debt must be excluded from the capital structure ratios when setting base rates.

26. Q. What capital structure ratios do you recommend for determining PECO's overall cost of capital in this proceeding?

A. Because rate-setting is prospective, the rate of return should, at a minimum, reflect known or reasonably foreseeable changes which will occur during the course of the test year. As a result, I will adopt the Company's FPFTY capital structure ratios of 46.59% long-term debt and 53.41% common equity.

V. COSTS OF SENIOR CAPITAL

27. Q. What cost rate have you assigned to the debt portion of PECO's capital structure?

A. The determination of the long-term debt cost rate is essentially an arithmetic exercise. This is because the Company has contracted for the use of this capital for a specific period of time at a specified cost rate. As shown on Schedule 6, pages 1, 2, and 3, I have computed the weighted average embedded cost rates of long-term debt as of the end of the HTY, FTY, and FPFTY, respectively. For the new issues of debt, the Company incurred a 3.05% coupon rate on the issue sold on March 1, 2021, and has budgeted 3.10% coupon rate for the debt issue planned in September 2021 and 3.20% for the two debt issues in 2022. The development of the individual effective cost rates for each series of long-term debt, using the cost rate to maturity technique, is shown on Schedule 6, page 4. The cost rate, or yield to maturity ("ytm"), is the rate of discount that equates the present value of all future interest and principal payments with the net proceeds of the bond. In my calculation of the embedded cost of long-term debt, I have recognized the costs associated with the Company's early redemption of high cost debt. As previously explained, it is necessary to compensate PECO for the costs incurred to lower the embedded debt cost rate, which reduces the cost of capital charged to customers.

28. Q. What cost rate have you determined for the Company's long-term debt?

A. I will adopt the 3.93% embedded cost of long-term debt at December 31, 2022, as shown on Schedule 6, page 3. This rate is related to the amount of long-term debt shown in the last three columns of Schedule 5, which provides the basis for the 46.59% long-term debt ratio.

VI. COST OF EQUITY – GENERAL APPROACH

29. Q. Please describe how you determined the cost of equity for the Company.

A. Although my fundamental financial analysis provides the required framework to establish the risk relationships among PECO, the Electric Group, and the S&P Public Utilities, the cost of equity must be measured by standard financial models that I identified above. Differences in risk traits, such as size, business diversification, geographical diversity, regulatory policy, financial leverage, and bond ratings must be considered when analyzing the cost of equity.

It is also important to reiterate that no one method or model of the cost of equity can be applied in an isolated manner. Rather, informed judgment must be used to take into consideration the relative risk traits of the firm. It is for this reason that I have used more than one method to measure the Company's cost of equity. As I describe below, each of the methods used to measure the cost of equity contains certain incomplete and/or overly restrictive assumptions and constraints that are not optimal. Therefore, I favor considering the results from a variety of methods. In this regard, I applied each of the methods with data taken from the Electric

Group and arrived at a cost of equity of 10.95% for PECO, which includes 0.25% in recognition of exemplary management performance.

VII. DISCOUNTED CASH FLOW

30. Q. Please describe the Discounted Cash Flow model.

A. The DCF model seeks to explain the value of an asset as the present value of future expected cash flows discounted at the appropriate risk-adjusted rate of return. In its simplest form, the DCF-determined return on common stock consists of a current cash (dividend) yield and future price appreciation (growth) of the investment. The dividend discount equation is the familiar DCF valuation model, which assumes that future dividends are systematically related to one another by a constant growth rate. The DCF formula is derived from the standard valuation model: P = D/(k-g), where P = price, D = dividend, k = the cost of equity, and g = growth in cash flows. By rearranging the terms, we obtain the familiar DCF equation: k= D/P + g. All of the terms in the DCF equation represent investors' assessment of expected future cash flows that they will receive in relation to the value that they set for a share of stock (P). The DCF equation is sometimes referred to as the "Gordon" model.[3] My DCF results are provided on Schedule 1, page 2, for the Electric Group. The DCF return is 10.66% with the leverage adjustment and 9.23% without the leverage adjustment for the Electric Group.

[3] Although the popular application of the DCF model is often attributed to the work of Myron J. Gordon in the mid-1950's, J. B. Williams exposited the DCF model in its present form nearly two decades earlier.

Among other limitations of the model, there is a certain element of circularity in the DCF method when applied in rate cases. This is because investors' expectations for the future depend upon regulatory decisions. In turn, when regulators depend upon the DCF model to set the cost of equity, they rely upon investor expectations that include an assessment of how regulators will decide rate cases. Due to this circularity, the DCF model may not fully reflect the true risk of a utility.

31. Q. What is the dividend yield component of a DCF analysis?

A. The dividend yield reveals the portion of investors' cash flow that is generated by the return provided by the dividends an investor receives. It is measured by the dividends per share relative to the price per share. The DCF methodology requires the use of an expected dividend yield to establish the investor-required cost of equity. For the twelve months ended December 2020, the monthly dividend yields are shown on Schedule 7. The month-end prices were adjusted to reflect the buildup of the dividend in the price that has occurred since the last ex-dividend date (i.e., the date by which a shareholder must own the shares to be entitled to the dividend payment – usually about two to three weeks prior to the actual payment).

For the twelve months ended December 2020, the average dividend yield was 3.91% for the Electric Group based upon a calculation using annualized dividend payments and adjusted month-end stock prices. The dividend yields for the more recent six-month and three-month periods were 3.97% and 3.90%, respectively.

For applying the DCF model, I have used the six-month average dividend yield of 3.97% for the Electric Group. The use of this dividend yield will reflect current capital costs, while avoiding spot yields. For the purpose of a DCF calculation, the average dividend yield must be adjusted to reflect the prospective nature of the dividend payments, i.e., the higher expected dividends for the future. Recall that the DCF is an expectational model that must reflect investors' anticipated cash flows. I have adjusted the six-month average dividend yield in three different, but generally accepted, manners. The three calculations for expected increases in dividends are at one-half the growth component, a second for discrete growth in the quarterly dividend, and a third reflecting the compounding of annual quarterly dividends. I then used the average of the three adjusted values as calculated in the lower panel of data presented on Schedule 7. This adjustment adds eleven basis points to the six-month average historical yield, thus producing the 4.08% adjusted dividend yield for the Electric Group.

32. Q. What factors influence investors' growth expectations?

A. As noted previously, investors are interested principally in the dividend yield and future growth of their investment (i.e., the price per share of the stock). Future growth in earnings per share is the DCF model's primary focus because, under the model's assumption that the price-earnings multiple remains constant, the price per share of stock will grow at the same rate as earnings per share. A growth rate analysis considers a variety of variables to reach a consensus of prospective growth, including historical data and widely available analysts' forecasts of earnings, dividends, book value, and cash flow (all stated on a per-share basis). A

fundamental growth rate analysis is frequently based upon internal growth ("b x r"), where "r" is the expected rate of return on common equity and "b" is the retention rate (a fraction representing the proportion of earnings not paid out as dividends). To be complete, the internal growth rate should be modified to account for sales of new common stock (external growth), which is represented by the formula s x v, where "s" is the number of new common shares the firm expects to issue and "v" is the value that accrues to existing shareholders from selling stock at a price above book value. Fundamental growth, which combines internal and external growth, encompasses the factors that cause book value per share to grow over time.

Growth also can be expressed in multiple stages. This expression of growth consists of an initial "growth" stage where a firm enjoys rapidly expanding markets, high profit margins, and abnormally high growth in earnings per share. Thereafter, a firm enters a "transition" stage where fewer technological advances and increased product saturation begin to reduce the growth rate and profit margins come under pressure. During the "transition" phase, investment opportunities begin to mature, capital requirements decline, and a firm begins to pay out a larger percentage of earnings to shareholders. Finally, the mature or "steady-state" stage is reached when a firm's earnings growth, payout ratio, and return on equity stabilize at levels where they remain for the life of a firm. The three stages of growth assume a step-down of high initial growth to lower sustainable growth. Even if these three stages of growth can be envisioned for a firm, the third "steady-state" growth stage, which is assumed to remain fixed in

perpetuity, represents an unrealistic expectation because the three stages of growth can be repeated. That is to say, the stages can be repeated where growth for a firm ramps-up and ramps-down in cycles over time. For these reasons, there is no need to analyze growth rates individually for each cycle, but rather to rely upon analysts' growth forecasts, which are those used by investors when pricing common stocks.

33. Q. How did you determine an appropriate growth rate?

A. The growth rate used in a DCF calculation should measure investor expectations. Investors consider both company-specific variables and overall market sentiment (i.e., level of inflation rates, interest rates, economic conditions, etc.) when balancing their capital gains expectations with their dividend yield requirements. Investors are not influenced solely by a single set of company-specific variables weighted in a formulaic manner. Therefore, all relevant growth rate indicators should be evaluated using a variety of techniques when formulating a judgment of investor-expected growth.

34. Q. What data for the Electric Group have you considered in your growth rate analysis?

A. I considered the growth in the financial variables shown on Schedules 8 and 9, which reflect historical (Schedule 8) and projected (Schedule 9) rates of growth in earnings per share, dividends per share, book value per share, and cash flow per share for the Electric Group. While analysts will review all measures of growth, as I have done, earnings per share growth directly influences the expectations of

investors for the future performance of utility stocks. Forecasts of earnings growth are required because the DCF model is forward-looking, and, with the constant price-earnings multiple and constant payout ratio that the DCF model assumes, all other measures of growth will mirror earnings growth. The historical growth rates were obtained from the Value Line publication that provides those data. While historical data cannot be ignored, it is much less significant in applying the DCF model than projections of future growth. Investors cannot purchase the past earnings of a utility. To the contrary, they are only entitled to future earnings, which are the focus of growth projections. Furthermore, if significant weight is assigned to historical performance, the historical data are double counted because they are already factored into analysts' forecasts of earnings growth.

35. Q. Is a five-year investment horizon associated with the analysts' forecasts consistent with the traditional DCF model?

A. Yes, it is. Although the constant form of the DCF model assumes an infinite stream of cash flows, investors do not expect to hold an investment indefinitely. Rather than viewing the DCF in the context of an endless stream of growing dividends (e.g., a century of cash flows), the growth in the share value (i.e., capital appreciation, or capital gains yield) is most relevant to investors' total return expectations. Hence, the sale price of a stock can be viewed as a liquidating dividend that can be discounted along with the annual dividend receipts during the investment-holding period to arrive at the investors' expected return. The growth in the price per share will equal the growth in earnings per

share if, as the DCF model assumes, there is no change in the price-earnings ("P-E") multiple. As such, my company-specific growth analysis, which focuses principally upon five-year forecasts of earnings per share growth, conforms with the type of analysis that influences investors' expectations of their actual total return. Moreover, academic research focuses also on five-year growth rates specifically because market outcomes occurring over that investment horizon are what influence stock prices. Indeed, if investors required forecasts beyond five years in order to properly value common stocks, then it would be reasonable to expect that some investment advisory service would begin publishing that information for individual stocks in order to meet the demands of the marketplace. The absence of such a publication suggests that there is no market for this information because investors do not require forecasts for an infinite series of future data points in order to make informed decisions to purchase and sell stocks.

36. Q. What are the analysts' forecasts of future growth that you considered?

A. Schedule 9 provides projected earnings per share growth rates taken from analysts' five-year forecasts compiled by IBES/First Call, Zacks, and Value Line. These are all reliable authorities of projected growth that investors use to make buy, sell and hold decisions. The IBES/First Call, and Zacks estimates are obtained from the Internet and are widely available to investors. The growth rates reported by IBES/First Call and Zacks are consensus forecasts taken from a survey of analysts that make growth projections for these companies. Notably, First Call's earnings forecasts are frequently quoted in the financial press. The

Value Line forecasts also are widely available to investors and can be obtained by subscription or free-of-charge at most public and collegiate libraries. The IBES/First Call, and Zacks forecasts are limited to earnings per share growth, while Value Line makes projections of other financial variables. The Value Line forecasts of dividends per share, book value per share, and cash flow per share for the Electric Group are also included on Schedule 9.

37. Q. What are the projected growth rates published by the sources you discussed?

A. Schedule 9 shows the prospective five-year earnings per share growth rates projected for the Electric Group by IBES/First Call (4.28%), Zacks (4.29%), and Value Line (5.17%).

38. Q. Are certain growth rate forecasts entitled to greater weight in developing a growth rate for use in the DCF model?

A. Yes. While a variety of factors should be examined to reach a reasonable conclusion on the DCF growth rate, growth in earnings per share should receive the greatest emphasis. Growth in earnings per share is the primary determinant of investors' expectations of the total returns they will obtain from stocks because the capital gains yield (i.e., price appreciation) will track earnings growth if the P-E multiple remains constant, as the DCF model assumes. Moreover, earnings per share (derived from net income) are the source of dividend payments and are the primary driver of retention growth and its surrogate, i.e., book value per share growth. As such, under these circumstances, greater emphasis must be placed upon projected earnings per share growth. In fact, Professor Myron Gordon, the

foremost proponent of the use of the DCF model in setting utility rates, concluded that the best measure of growth for use in the DCF model is a forecast of earnings per-share growth.[4] Consistent with Professor Gordon's findings, projections of earnings per share growth, such as those published by IBES/First Call, Zacks, and Value Line, provide the best indication of investor expectations.

39. Q. What growth rate do you use in your DCF model?

A. The forecasts shown on Schedule 9 for the Electric Group exhibit a range of average earnings per share growth rates from 4.28% to 5.17%. DCF growth rates should not be established by mathematical formulation, and I have not done so. In my opinion, a growth rate of 5.15% is a reasonable estimate of investor-expected growth for the Electric Group. This value is within the array of analysts' forecasts of five-year earnings per share growth rates and is below the midpoint of that data set. The reasonableness of this growth rate is also supported by the expected continuation of gas utility infrastructure spending.

40. Q. Are the dividend yield and growth components of the DCF adequate to accurately depict the rate of return on common equity when it is used to calculate a utility's weighted average overall cost of capital?

A. The components of the DCF model are adequate for that purpose only if the capital structure ratios are measured by the market value of debt and equity. In the case of the Electric Group, average capital structure ratios are 40.98% long-

[4] Gordon, Gordon & Gould, "Choice Among Methods of Estimating Share Yield," The Journal of Portfolio Management (Spring 1989).

term debt, 0.04% preferred stock, and 58.97% common equity, as shown on Schedule 10. If book values are used to compute the capital structure ratios, then a leverage adjustment is required.

41. Q. What is a leverage adjustment?

A. If a firm's capitalization, as measured by its stock price, diverges from its capitalization, measured at book value, the potential exists for a financial risk difference.Such a risk difference arises because a market-valued capitalization contains more equity and less debt than a book-value capitalization and, therefore, has less risk than the book-value capitalization. A leverage adjustment properly accounts for the risk differential between market-value and book-value capital structures.

42. Q. Why is a leverage adjustment necessary?

A. In order to make the DCF results relevant to the capitalization measured at book value (as is done for rate setting purposes), the market-derived cost rate must be adjusted to account for this difference in financial risk. The only perspective that is important to investors is the return that they can realize on the market value of their investment. As I have measured the DCF, the simple yield (D/P) plus growth (g) provides a return applicable strictly to the price (P) that an investor is willing to pay for a share of stock. The need for the leverage adjustment arises when the results of the DCF model (k) are to be applied to a capital structure that is different from the capital structure indicated by the market price (P). From the market perspective, the financial risk of the Electric Group is accurately measured

by the capital structure ratios calculated from the market-valued capitalization of a firm. If the rate setting process utilized the market capitalization ratios, then no additional analysis or adjustment would be required, and the simple yield (D/P) plus growth (g) components of the DCF would satisfy the financial risk associated with the market value of the equity capitalization. Because the rate-setting process uses ratios calculated from a firm's book value capitalization, further analysis is required to synchronize the financial risk of the book capitalization with the required return on the book value of the firm's equity. This adjustment is developed through precise mathematical calculations, using well recognized analytical procedures that are widely accepted in the financial literature. To arrive at that return, the rate of return on common equity is the unleveraged cost of capital (or equity return at 100% equity) plus one or more terms reflecting the increase in financial risk resulting from the use of leverage in the capital structure. The calculations presented in the lower panel of data shown on Schedule 10, under the heading "M&M," provides a return of 7.24% when applicable to a capital structure with 100% common equity.

43. Q. Are there specific factors that influence market-to-book ratios that determine whether the leverage adjustment should be made?

A. No. The leverage adjustment is not intended, nor was it designed, to address the reasons that stock prices vary from book value. Hence, any observations concerning market prices relative to book are not on point. The leverage adjustment deals with the issue of financial risk and does not transform the DCF result to a book value return through a market-to-book adjustment. Again, the

leverage adjustment that I propose is based on the fundamental financial precept that the cost of equity is equal to the rate of return for an unleveraged firm (i.e., where the overall rate of return equates to the cost of equity with a capital structure that contains 100% equity) plus the additional return required for introducing debt and/or preferred stock leverage into the capital structure.

Further, as noted previously, the relatively high market prices of utility stocks cannot be attributed solely to the notion that these companies are expected to earn a return on the book value of equity that differs from their cost of equity determined from stock market prices. Stock prices above book value are common for utility stocks, and indeed the stock prices of non-regulated companies exceed book values by even greater margins. It is difficult to accept that the vast majority of all firms operating in our economy are generating returns far in excess of their cost of capital. Certainly, in our free-market economy, competition should contain such "excesses" if they actually existed.

Finally, the leverage adjustment adds stability to the final DCF cost rate. That is to say, as the market capitalization increases relative to its book value, the leverage adjustment increases while the simple yield (D/P) plus growth (g) result declines. The reverse is also true: when the market capitalization declines, the leverage adjustment also declines as the simple yield (D/P) plus growth (g) result increases.

44. Q. Is the leverage adjustment that you propose designed to transform the market return into one that is designed to produce a particular market-to-book ratio?

A. No, it is not. What I label a "leverage adjustment" is merely a convenient way of showing the amount that must be added to (or subtracted from) the result of the simple DCF model (i.e., D/P + g) when the DCF return applies to a capital structure used for ratemaking that is computed with book-value weighting rather than market-value weighting. Although I specify a separate factor, which I call the leverage adjustment, there is no need to do so other than to identify this factor. If I expressed my return solely in the context of the book value weighting that we use to calculate the weighted average cost of capital and ignore the familiar D/P + g expression entirely, then a separate element in the DCF cost of equity determination would not be needed to reflect the differential in financial leverage between a market-value and book-value capitalization. As shown in the bottom panel of data on Schedule 10, the equity return applicable to the book value common equity ratio is equal to 7.24%, which is the return for the Electric Group appropriate for a capital structure with no debt (i.e., a 100% equity ratio) plus 3.41% to compensate investors for the risk of a 54.09% debt ratio and 0.01% associated with the 0.27% preferred stock ratio. Under this approach, the parts sum to 10.66% (7.24% + 3.41% + 0.01%), and there is no need to even address the cost of equity in terms of D/P + g. To express this same return in the context of the familiar DCF model, I summed the 4.08% dividend yield, the 5.15% growth rate, and 1.43% for the leverage adjustment in order to arrive at the same

10.66% (4.08% + 5.15% + 1.43%) return. I know of no means to mathematically solve for the 1.43% leverage adjustment by expressing it in the terms of any particular relationship of market price to book value. The 1.43% adjustment is merely a convenient way to compare the 10.66% return computed using the Modigliani & Miller formulas to the 9.23% return generated by the DCF model (i.e., $D_1/P_0 + g$, or the traditional form of the DCF shown on Schedule 7, page 1) based on a market-value capital structure. A 9.23% return assigned to anything other than the market value of equity cannot equate to a reasonable return on book value that has higher financial risk. My point is that when we use a market-determined cost of equity developed from the DCF model, it reflects a level of financial risk that is different (in this case, lower) from the capital structure stated at book value. This process has nothing to do with targeting any particular market-to-book ratio.

45. Q. Please provide the DCF return based upon your preceding discussion of dividend yield, growth, and leverage.

A. As explained previously, I have utilized a six-month average dividend yield ("D_1/P_0") adjusted in a forward-looking manner for my DCF calculation. This dividend yield is used in conjunction with the growth rate ("g") previously developed. The DCF also includes the leverage modification ("lev.") required when the book value equity ratio is used in determining the weighted average cost of capital in the rate-setting process rather than the market value equity ratio related to the price of stock. The resulting DCF cost rate is 10.66%, computed as follows:

	D_1/P_0	+	g	+	$lev.$	=	K
Electric Group	4.08%	+	5.15%	+	1.43%	=	10.66%

The DCF result shown above represents the simplified (i.e., Gordon) form of the model that contains a constant-growth assumption. I should reiterate, however, that the DCF-indicated cost rate provides an explanation of the rate of return on common stock market prices without regard to the prospect of a change in the price-earnings multiple. An assumption that there will be no change in the price-earnings multiple is not supported by the realities of the equity market because price-earnings multiples do not remain constant. This is one of the constraints of this model that makes it important to consider the results of other models when determining a company's cost of equity.

VIII. RISK PREMIUM ANALYSIS

46. Q. Please describe your use of the risk premium approach to determine the cost of equity.

A. With the Risk Premium approach, the cost of equity capital is determined by corporate bond yields plus a premium to account for the fact that common equity is exposed to greater investment risk than debt capital. The result of my Risk Premium study is shown on Schedule 1, page 2. That result is 10.00%.

47. Q. What long-term public utility debt cost rate did you use in your risk premium analysis?

A. In my opinion, and as I will explain in more detail further in my testimony, a

3.25% yield represents a reasonable estimate of the prospective yield on long-term A-rated public utility bonds.

48. Q. What historical data are shown by the Moody's data?

A. I have analyzed the historical yields on the Moody's index of long-term public utility debt as shown on Schedule 11, page 1. For the twelve months ended December 2020, the average monthly yield on Moody's index of A-rated public utility bonds was 3.02%. For the six and three-month periods ended December 2020, the yields were 2.81% and 2.86%, respectively. During the twelve-months ended December 2020, the range of the yields on A-rated public utility bonds was 2.73% to 3.50%. Page 2 of Schedule 11 shows the long-run spread in yields between A-rated public utility bonds and long-term Treasury bonds. As shown on page 3 of Schedule 11, the yields on A-rated public utility bonds have exceeded those on Treasury bonds by 1.45% on a twelve-month average basis, 1.32% on a six-month average basis, and 1.24% on a three-month average basis. Giving greater emphasis to the three-month average spread, which reflects the downtrend, 1.25% represents a reasonable spread for the yield on A-rated public utility bonds over Treasury bonds.

49. Q. What forecasts of interest rates have you considered in your analysis?

A. I have determined the prospective yield on A-rated public utility debt by using the Blue Chip Financial Forecasts ("Blue Chip") along with the spread in the yields that I describe below. Blue Chip is a reliable authority and contains consensus forecasts of a variety of interest rates compiled from a panel of banking,

brokerage, and investment advisory services. In early 1999, Blue Chip stopped publishing forecasts of yields on A-rated public utility bonds because the Federal Reserve deleted these yields from its Statistical Release H.15. To independently project a forecast of the yields on A-rated public utility bonds, I have combined the forecast yields on long-term Treasury bonds published on January 1, 2021, and a yield spread of 1.25%, derived from historical data.

50. Q. How have you used these data to project the yield on A-rated public utility bonds for the purpose of your Risk Premium analyses?

A. Shown below is my calculation of the prospective yield on A-rated public utility bonds using the building blocks discussed above, i.e., the Blue Chip forecast of Treasury bond yields and the public utility bond yield spread. For comparative purposes, I also have shown the Blue Chip forecasts of Aaa-rated and Baa-rated corporate bonds. These forecasts are:

		Blue Chip Financial Forecasts				
		Corporate		30-Year	A-rated Public Utility	
Year	Quarter	Aaa-rated	Baa-rated	Treasury	Spread	Yield
2021	First	2.5%	3.5%	1.7%	1.25%	2.95%
2021	Second	2.5%	3.6%	1.8%	1.25%	3.05%
2021	Third	2.6%	3.7%	1.9%	1.25%	3.15%
2021	Fourth	2.7%	3.8%	2.0%	1.25%	3.25%
2022	First	2.8%	3.8%	2.1%	1.25%	3.35%
2022	Second	2.8%	3.8%	2.1%	1.25%	3.35%

51. Q. Are there additional forecasts of interest rates that extend beyond those shown above?

A. Yes. Twice yearly, Blue Chip provides long-term forecasts of interest rates. In

its December 1, 2020 publication, Blue Chip published longer-term forecasts of interest rates, which were reported to be:

	Blue Chip Financial Forecasts		
	Corporate		30-Year
Averages	Aaa-rated	Baa-rated	Treasury
2022-2026	3.6%	4.6%	2.8%
2027-2031	4.5%	5.4%	3.6%

The longer-term forecasts by Blue Chip suggest that interest rates will move up from the levels revealed by the near-term forecasts. A 3.25% yield on A-rated public utility bonds represents a reasonable benchmark for measuring the cost of equity in this case. All the data I used to formulate my conclusion as to a prospective yield on A-rated public utility debt are available to investors, who regularly rely upon those data to make investment decisions.

52. Q. What equity risk premium have you determined for public utilities?

A. To develop an appropriate equity risk premium, I analyzed the results from 2020 SBBI Yearbook, Stocks, Bonds, Bills and Inflation. My investigation reveals that the equity risk premium varies according to the level of interest rates. That is to say, the equity risk premium increases as interest rates decline, and it declines as interest rates increase. This inverse relationship is revealed by the summary data presented below and shown on Schedule 12, page 1.

Common Equity Risk Premiums	
Low Interest Rates	6.70%
Average Across All Interest Rates	5.69%
High Interest Rates	4.69%

Based on my analysis of the historical data, the equity risk premium was 6.70% when the marginal cost of long-term government bonds was low (i.e., 2.88%, which was the average yield during periods of low rates). Conversely, when the yield on long-term government bonds was high (i.e., 7.09% on average during periods of high interest rates), the spread narrowed to 4.69%. Over the entire spectrum of interest rates, the equity risk premium was 5.69% when the average government bond yield was 4.99%. I have utilized a 6.75% equity risk premium. The equity risk premium of 6.75% that I employed is near the risk premiums associated with low interest rates.

53. Q. What common equity cost rate did you determine based on your risk premium analysis?

A. The cost of equity (i.e., "k") is represented by the sum of the prospective yield for long-term public utility debt (i.e., "i"), and the equity risk premium (i.e., "RP"). The Risk Premium approach provides a cost of equity of 10.00%, computed as follows:

	i	+	RP	=	k
Electric Group	3.25%	+	6.75%	=	10.00%

IX. CAPITAL ASSET PRICING MODEL

54. Q. How is the CAPM used to measure the cost of equity?

A. The CAPM uses the yield on a risk-free interest-bearing obligation plus a rate of return premium that is proportional to the systematic risk of an investment. As shown on page 2 of Schedule 1, the result of the CAPM is 12.67% for the Electric Group. To compute the cost of equity with the CAPM, three components are necessary: a risk-free rate of return ("Rf"), the beta measure of systematic risk ("β"), and the market risk premium ("Rm-Rf") derived from the total return on the market of equities reduced by the risk-free rate of return. The CAPM specifically accounts for differences in systematic risk (i.e., market risk as measured by the beta) between an individual firm or group of firms and the entire market of equities.

55. Q. What betas have you considered in the CAPM?

A. For my CAPM analysis, I initially considered the Value Line betas. As shown on page 2 of Schedule 3, the average beta is 0.90 for the Electric Group.

56. Q. Did you use the Value Line betas in the CAPM determined cost of equity?

A. I used the Value Line betas as a foundation for the leverage adjusted betas that I used in the CAPM. The betas must be reflective of the financial risk associated with the rate-setting capital structure that is measured at book value. Therefore, Value Line betas cannot be used directly in the CAPM, unless the cost rate developed using those betas is applied to a capital structure measured with market

values. To develop a CAPM cost rate applicable to a book-value capital structure, the Value Line (market value) betas have been unleveraged and re-leveraged for the book value common equity ratios using the Hamada formula,[5] as follows:

$$\beta l = \beta u \, [1 + (1 - t) \, D/E + P/E]$$

where ßl = the leveraged beta, ßu = the unleveraged beta, t = income tax rate, D = debt ratio, P = preferred stock ratio, and E = common equity ratio. The betas published by Value Line have been calculated with the market price of stock and are related to the market value capitalization. By using the formula shown above and the capital structure ratios measured at market value, the beta would become 0.62 for the Electric Group if it employed no leverage and was 100% equity financed. Those calculations are shown on Schedule 10 under the section labeled "Hamada," who is credited with developing those formulas. With the unleveraged beta as a base, I calculated the leveraged beta of 1.10 for the book value capital structure of the Electric Group.

57. Q. What risk-free rate have you used in the CAPM?

A. As shown on page 1 of Schedule 13, I provided the historical yields on Treasury notes and bonds. For the twelve months ended December 2020, the average yield on 30-year Treasury bonds was 1.56%. For the six- and three-months ended December 2020, the yields on 30-year Treasury bonds were 1.49% and 1.62%,

[5] Robert S. Hamada, "The Effects of the Firm's Capital Structure on the Systematic Risk of Common Stocks" *The Journal of Finance* Vol. 27, No. 2, Papers and Proceedings of the Thirtieth Annual Meeting of the American Finance Association, New Orleans, Louisiana, December 27-29, 1971. (May 1972), pp. 435-452.

respectively. During the twelve-months ended December 2020, the range of the yields on 30-year Treasury bonds was 1.27% to 2.22%. The low yields that existed during recent years can be traced to weakness in business fixed investment and exports due in part to the U.S.'s trade war with China. Recently, extraordinary events associated with the COVID-19 pandemic prompted in the Federal Open Market Committee ("FOMC") to reduce the Fed Funds rate to near zero. The FOMC continues to support the money and capital markets during the coronavirus pandemic.

As shown on page 2 of Schedule 13, forecasts published by Blue Chip on January 1, 2021 indicate that the yields on long-term Treasury bonds are expected to be in the range of 1.7% to 2.1% during the next six quarters. The forecast for the FPFTY is 2.1% for 30-year Treasury Bonds. The longer-term forecasts described previously show that the yields on 30-year Treasury bonds will average 2.8% from 2022 through 2026 and 3.6% from 2027 to 2031. For the reasons explained previously, forecasts of interest rates should be emphasized at this time in selecting the risk-free rate of return in CAPM. Hence, I have used a 2.00% risk-free rate of return for CAPM purposes, which considers the Blue Chip forecasts.

58. Q. What market premium have you used in the CAPM?

A. As shown in the lower panel of data presented on Schedule 13, page 2 the market premium is derived from historical data and the forecast returns. For the historically based market premium, I have used the arithmetic mean obtained from the data presented on Schedule 12, page 1. On that schedule, the market

return was 11.92% on large stocks during periods of low interest rates. During those periods, the yield on long-term government bonds was 2.88% when interest rates were low. As such, I carried over to Schedule 13, page 2, the average large common stock returns of 11.92% and the average yield on long-term government bonds of 2.88%. The resulting market premium is 9.04% (11.92% - 2.88%) based on historical data, as shown on Schedule 13, page 2. As also shown on Schedule 13, page 2, I calculated the forecast returns, which show a 10.50% total market return. With this forecast, I calculated a market premium of 8.50% (10.50% - 2.00%) using forecast data. The resulting market premium applicable to the CAPM derived from these sources equals 8.77% (8.50% + 9.04% = 17.54% ÷ 2).

59. Q. What does your CAPM analysis show?

A. Using the 2.00% risk-free rate of return, the leverage adjusted beta of 1.10 for the Electric Group, and the 8.77% market premium, the following result is indicated.

$$Rf + \beta \times (Rm\text{-}Rf) = k$$

Electric Group $2.00\% + 1.10 \times (8.77\%) = 11.65\%$

X. COMPARABLE EARNINGS APPROACH

60. Q. What is the Comparable Earnings approach?

A. The Comparable Earnings approach estimates a fair return on equity by comparing returns realized by non-regulated companies to returns that a public utility with similar risks characteristics would need to realize in order to compete for capital. Because regulation is a substitute for competitively determined prices,

the returns realized by non-regulated firms with comparable risks to a public utility provide useful insight into investor expectations for public utility returns. The firms selected for the Comparable Earnings approach should be companies whose prices are not subject to cost-based price ceilings (i.e., non-regulated firms) so that circularity is avoided.

There are two avenues available to implement the Comparable Earnings approach. One method involves the selection of another industry (or industries) with comparable risks to the public utility in question, and the results for all companies within that industry serve as a benchmark. The second approach requires the selection of parameters that represent similar risk traits for the public utility and the comparable risk companies. Using this approach, the business lines of the comparable companies become unimportant. The latter approach is preferable with the further qualification that the comparable risk companies exclude regulated firms in order to avoid the circular reasoning implicit in the use of the achieved earnings/book ratios of other regulated firms. The United States Supreme Court has held that:

> A public utility is entitled to such rates as will permit it to earn a return on the value of the property which it employs for the convenience of the public equal to that generally being made at the same time and in the same general part of the country on investments in other business undertakings which are attended by corresponding risks and uncertainties. The return should be reasonably sufficient to assure confidence in the financial soundness of the utility and should be adequate, under efficient and economical management, to maintain and support its credit and enable it to raise the money necessary for the proper discharge of its public duties. Bluefield Water Works vs. Public Service Commission, 262 U.S. 668 (1923).

It is important to identify the returns earned by firms that compete for capital with a public utility. This can be accomplished by analyzing the returns of non-regulated firms that are subject to the competitive forces of the marketplace.

61. Q. Did you compare the results of your DCF and CAPM analyses to the results indicated by a Comparable Earnings approach?

A. Yes. I selected companies from The Value Line Investment Survey for Windows that have six categories of comparability designed to reflect the risk of the Electric Group. These screening criteria were based upon the range as defined by the rankings of the companies in the Electric Group. The items considered were: Timeliness Rank, Safety Rank, Financial Strength, Price Stability, Value Line betas, and Technical Rank. The definition for these parameters is provided on Schedule 14, page 3. The identities of the companies comprising the Comparable Earnings group and their associated rankings within the ranges are identified on Schedule 14, page 1.

I relied upon Value Line data because they provide a comprehensive basis for evaluating the risks of the comparable firms. As to the returns calculated by Value Line for these companies, there is some downward bias in the figures shown on Schedule 14, page 2, because Value Line computes the returns on year-end rather than average book value. If average book values had been employed, the rates of return would have been slightly higher. Nevertheless, these are the returns considered by investors when taking positions in these stocks. Because many of the comparability factors, as well as the published returns, are used by

investors in selecting stocks, and the fact that investors rely on the Value Line service to gauge returns, it is an appropriate database for measuring comparable return opportunities.

62. Q. What data did you consider in your Comparable Earnings analysis?

A. I used both historical realized returns and forecasted returns for non-utility companies. As noted previously, I have not used returns for utility companies in order to avoid the circularity that arises from using regulatory-influenced returns to determine a regulated return. It is appropriate to consider a relatively long measurement period in the Comparable Earnings approach in order to cover conditions over an entire business cycle. A ten-year period (five historical years and five projected years) is sufficient to cover an average business cycle. Unlike the DCF and CAPM, the results of the Comparable Earnings method can be applied directly to the book value capitalization. In other words, the Comparable Earnings approach does not contain the potential misspecification contained in market models when the market capitalization and book value capitalization diverge significantly. A point of demarcation was chosen to eliminate the results of highly profitable enterprises, which the Bluefield case stated were not the type of returns that a utility was entitled to earn. For this purpose, I used 20% as the point where those returns could be viewed as highly profitable and should be excluded from the Comparable Earnings approach. The average historical rate of return on book common equity was 12.2% using only the returns that were less than 20%, as shown on Schedule 14, page 2. The average forecasted rate of return as published by Value Line is 13.0% also using values less than 20%, as

provided on Schedule 14, page 2. Using the average of these data my Comparable Earnings result is 12.60%, as shown on Schedule 1, page 2.

XI. CONCLUSION ON COST OF EQUITY

63. Q. What is your conclusion regarding the Company's cost of common equity?

A. Based upon the application of a variety of methods and models described previously, it is my opinion that a reasonable rate of return on common equity is 10.95% for PECO, which includes recognition of the Company's strong performance in the area of management performance. My cost of equity recommendation is obtained from a range of results (i.e., 10.00% to 12.60%) and should be considered in the context of the Company's risk characteristics, as well as the general condition of the capital markets, and the strong performance of the Company's management. It is essential that the Commission employ a variety of techniques to measure the Company's cost of equity because of the limitations/infirmities that are inherent in each method.

64. Q. Does this complete your direct testimony at this time?

A. Yes. However, I reserve the right to supplement my testimony, if necessary, and to respond to witnesses presented by other parties.

APPENDIX A TO DIRECT TESTIMONY OF PAUL R. MOUL

Educational Background, Business Experience and Qualifications

I was awarded a degree of Bachelor of Science in Business Administration by Drexel University in 1971. While at Drexel, I participated in the Cooperative Education Program which included employment, for one year, with American Water Works Service Company, Inc., as an internal auditor, where I was involved in the audits of several operating water companies of the American Water Works System and participated in the preparation of annual reports to regulatory agencies and assisted in other general accounting matters.

Upon graduation from Drexel University, I was employed by American Water Works Service Company, Inc., in the Eastern Regional Treasury Department where my duties included preparation of rate case exhibits for submission to regulatory agencies, as well as responsibility for various treasury functions of the thirteen New England operating subsidiaries.

In 1973, I joined the Municipal Financial Services Department of Betz Environmental Engineers, a consulting engineering firm, where I specialized in financial studies for municipal water and wastewater systems.

In 1974, I joined Associated Utility Services, Inc., now known as AUS Consultants. I held various positions with the Utility Services Group of AUS Consultants, concluding my employment there as a Senior Vice President.

In 1994, I formed P. Moul & Associates, an independent financial and regulatory consulting firm. In my capacity as Managing Consultant and for the past twenty-nine years, I have continuously studied the rate of return requirements for cost of service-regulated firms. In this regard, I have supervised the preparation of rate of return studies, which were employed, in connection with my testimony and in the past for other individuals. I have presented direct

testimony on the subject of fair rate of return, evaluated rate of return testimony of other witnesses, and presented rebuttal testimony.

My studies and prepared direct testimony have been presented before thirty-seven (37) federal, state and municipal regulatory commissions, consisting of: the Federal Energy Regulatory Commission; state public utility commissions in Alabama, Alaska, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Virginia, West Virginia, Wisconsin, and the Philadelphia Gas Commission, and the Texas Commission on Environmental Quality. My testimony has been offered in over 200 rate cases involving electric power, natural gas distribution and transmission, resource recovery, solid waste collection and disposal, telephone, wastewater, and water service utility companies. While my testimony has involved principally fair rate of return and financial matters, I have also testified on capital allocations, capital recovery, cash working capital, income taxes, factoring of accounts receivable, and take-or-pay expense recovery. My testimony has been offered on behalf of municipal and investor-owned public utilities and for the staff of a regulatory commission. I have also testified at an Executive Session of the State of New Jersey Commission of Investigation concerning the BPU regulation of solid waste collection and disposal.

I was a co-author of a verified statement submitted to the Interstate Commerce Commission concerning the 1983 Railroad Cost of Capital (Ex Parte No. 452). I was also co-author of comments submitted to the Federal Energy Regulatory Commission regarding the Generic Determination of Rate of Return on Common Equity for Public Utilities in 1985, 1986 and 1987 (Docket Nos. RM85-19-000, RM86-12-000, RM87-35-000 and RM88-25-000). Further, I have

been the consultant to the New York Chapter of the National Association of Water Companies, which represented the water utility group in the Proceeding on Motion of the Commission to Consider Financial Regulatory Policies for New York Utilities (Case 91-M-0509). I have also submitted comments to the Federal Energy Regulatory Commission in its Notice of Proposed Rulemaking (Docket No. RM99-2-000) concerning Regional Transmission Organizations and on behalf of the Edison Electric Institute in its intervention in the case of Southern California Edison Company (Docket No. ER97-2355-000). Also, I was a member of the panel of participants at the Technical Conference in Docket No. PL07-2 on the Composition of Proxy Groups for Determining Gas and Oil Pipeline Return on Equity.

In late 1978, I arranged for the private placement of bonds on behalf of an investor-owned public utility. I have assisted in the preparation of a report to the Delaware Public Service Commission relative to the operations of the Lincoln and Ellendale Electric Company. I was also engaged by the Delaware P.S.C. to review and report on the proposed financing and disposition of certain assets of Sussex Shores Water Company (P.S.C. Docket Nos. 24-79 and 47-79). I was a co-author of a Report on Proposed Mandatory Solid Waste Collection Ordinance prepared for the Board of County Commissioners of Collier County, Florida.

I have been a consultant to the Bucks County Water and Sewer Authority concerning rates and charges for wholesale contract service with the City of Philadelphia. My municipal consulting experience also included an assignment for Baltimore County, Maryland, regarding the City/County Water Agreement for Metropolitan District customers (Circuit Court for Baltimore County in Case 34/153/87-CSP-2636).

PECO Exhibit PRM-1

PECO ENERGY COMPANY

Schedules to Accompany

the Direct Testimony

of

Paul R. Moul, Managing Consultant
P. Moul & Associates

Concerning

Cost of Capital

and

Fair Rate of Return

PECO Exhibit PRM-1

PECO ENERGY COMPANY
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PECO Energy Company
Proposed Rate of Return
Estimated at December 31, 2022

Type of Capital	Ratios	Cost Rate	Weighted Cost Rate
Long-Term Debt	46.59%	3.93%	1.83%
Common Equity	53.41%	10.95%	5.85%
Total	100.00%		7.68%

Indicated levels of fixed charge coverage assuming that the Company could actually achieve its proposed rate of return:

Pre-tax coverage of interest expense based upon a 28.8921% composite federal and state income tax rate
(10.06% ÷ 1.83%) 5.50 x

Post-tax coverage of interest expense
(7.68% ÷ 1.83%) 4.20 x

PECO Energy Company - Electric Division
Cost of Equity
as of December 31, 2020

Discounted Cash Flow (DCF)	D_1/P_0 [1]	+	*g* [2]	+	*lev.* [3]	=	*k*
Electric Group	4.08%	+	5.15%	+	1.43%	=	10.66%
Risk Premium (RP)			*I* [4]	+	*RP* [5]	=	*k*
Electric Group			3.25%	+	6.75%	=	10.00%
Capital Asset Pricing Model (CAPM)	*Rf* [6]	+	*ß* [7]	*x* (	*Rm-Rf* [8]	) =	*k*
Electric Group	2.00%	+	1.10	x (	8.77%	) =	11.65%

Comparable Earnings (CE) [9]	***Historical***	***Forecast***	***Average***
Comparable Earnings Group	12.2%	13.0%	12.60%

References:
[1] Schedule 07
[2] Schedule 09
[3] Schedule 10
[4] A-rated public utility bond yield comprised of a 2.00% risk-free rate of return (Schedule 13 page 2) and a yield spread of 1.25% (Schedule 11 page 3)
[5] Schedule 12 page 1
[6] Schedule 13 page 2
[7] Schedule 10
[8] Schedule 13 page 2
[9] Schedule 14 page 2

PECO ENERGY CO
Capitalization and Financial Statistics
2015-2019, Inclusive

	2019	2018	2017	2016	2015	
			(Millions of Dollars)			
Amount of Capital Employed						
Permanent Capital	$ 7,767.0	$ 7,088.0	$ 6,664.0	$ 6,179.0	$ 6,000.0	
Short-Term Debt	$ -	$ -	$ -	$ -	$ -	
Total Capital	$ 7,767.0	$ 7,088.0	$ 6,664.0	$ 6,179.0	$ 6,000.0	
Capital Structure Ratios						Average
Based on Permanent Capital:						
Long-Term Debt	46.2%	46.1%	46.3%	44.7%	46.1%	45.9%
Preferred Stock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Common Equity [1]	53.8%	53.9%	53.7%	55.3%	53.9%	54.1%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Based on Total Capital:						
Total Debt incl. Short Term	46.2%	46.1%	46.3%	44.7%	46.1%	45.9%
Preferred Stock	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Common Equity [1]	53.8%	53.9%	53.7%	55.3%	53.9%	54.1%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rate of Return on Book Common Equity [1]	13.2%	12.4%	12.4%	13.2%	11.9%	12.6%
Operating Ratio [2]	77.0%	80.6%	77.0%	76.4%	79.2%	78.0%
Coverage incl. AFUDC [3]						
Pre-tax: All Interest Charges	5.36 x	4.48 x	5.17 x	5.66 x	5.49 x	5.23 x
Post-tax: All Interest Charges	4.88 x	4.43 x	4.36 x	4.48 x	4.26 x	4.48 x
Overall Coverage: All Int. & Pfd. Div.	4.88 x	4.43 x	4.36 x	4.48 x	4.26 x	4.48 x
Coverage excl. AFUDC [3]						
Pre-tax: All Interest Charges	5.24 x	4.39 x	5.08 x	5.57 x	5.43 x	5.14 x
Post-tax: All Interest Charges	4.76 x	4.34 x	4.27 x	4.39 x	4.20 x	4.39 x
Overall Coverage: All Int. & Pfd. Div.	4.76 x	4.34 x	4.27 x	4.39 x	4.20 x	4.39 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	3.2%	2.6%	2.8%	2.5%	1.9%	2.6%
Effective Income Tax Rate	11.0%	1.3%	19.3%	25.4%	27.4%	16.9%
Internal Cash Generation/Construction [4]	59.6%	59.0%	69.0%	83.7%	86.4%	71.5%
Gross Cash Flow/ Avg. Total Debt [5]	26.8%	25.4%	27.1%	30.8%	30.7%	28.2%
Gross Cash Flow Interest Coverage [6]	7.70 x	6.96 x	6.95 x	7.58 x	7.69 x	7.38 x
Common Dividend Coverage [7]	2.56 x	2.64 x	2.75 x	3.07 x	2.86 x	2.78 x

See Page 2 for Notes.

PECO Energy Company
Capitalization and Financial Statistics
2015-2019, Inclusive

Notes:

(1) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account.
(2) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
(3) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
(4) Internal cash generation/gross construction is a percentage calculated as gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
(5) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by total debt.
(6) Gross Cash Flow plus interest charges divided by interest charges.
(7) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: Utility COMPUSTAT

Electric Group
Capitalization and Financial Statistics [1]
2015-2019, Inclusive

	2019	2018	2017	2016	2015	
			(Millions of Dollars)			
Amount of Capital Employed						
Permanent Capital	$ 50,064.1	$ 45,650.0	$ 43,224.2	$ 40,246.1	$ 37,843.9	
Short-Term Debt	$ 1,536.5	$ 2,141.3	$ 1,045.2	$ 1,169.1	$ 1,199.2	
Total Capital	$ 51,600.6	$ 47,791.3	$ 44,269.4	$ 41,415.2	$ 39,043.1	
Market-Based Financial Ratios						Average
Price-Earnings Multiple	20 x	19 x	19 x	20 x	19 x	19 x
Market/Book Ratio	194.0%	181.0%	182.5%	161.5%	146.6%	173.1%
Dividend Yield	3.5%	3.8%	3.7%	3.9%	3.4%	3.7%
Dividend Payout Ratio	69.7%	75.3%	69.5%	76.0%	57.7%	69.6%
Capital Structure Ratios						
Based on Permanent Captial:						
Long-Term Debt	52.4%	51.4%	53.3%	51.5%	48.3%	51.4%
Preferred Stock	1.6%	1.3%	0.7%	0.6%	0.5%	0.9%
Common Equity [2]	46.0%	47.4%	46.0%	47.9%	51.2%	47.7%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Based on Total Capital:						
Total Debt incl. Short Term	53.8%	53.4%	54.6%	52.8%	49.8%	52.9%
Preferred Stock	1.6%	1.2%	0.7%	0.6%	0.5%	0.9%
Common Equity [2]	44.6%	45.4%	44.7%	46.6%	49.7%	46.2%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rate of Return on Book Common Equity [2]	9.1%	10.0%	10.2%	8.2%	8.5%	9.2%
Operating Ratio [3]	78.0%	77.6%	74.3%	76.4%	77.6%	76.8%
Coverage incl. AFUDC [4]						
Pre-tax: All Interest Charges	3.11 x	3.55 x	3.42 x	3.91 x	3.90 x	3.58 x
Post-tax: All Interest Charges	2.76 x	3.03 x	3.25 x	2.93 x	2.95 x	2.98 x
Overall Coverage: All Int. & Pfd. Div.	2.75 x	2.96 x	3.25 x	2.93 x	2.95 x	2.97 x
Coverage excl. AFUDC [4]						
Pre-tax: All Interest Charges	3.02 x	3.45 x	3.31 x	3.81 x	3.81 x	3.48 x
Post-tax: All Interest Charges	2.67 x	2.93 x	3.15 x	2.83 x	2.86 x	2.89 x
Overall Coverage: All Int. & Pfd. Div.	2.66 x	2.87 x	3.14 x	2.83 x	2.86 x	2.87 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	5.2%	6.1%	4.6%	5.6%	6.6%	5.6%
Effective Income Tax Rate	17.0%	20.1%	12.6%	33.8%	30.4%	22.8%
Internal Cash Generation/Construction [5]	68.0%	76.9%	76.2%	82.5%	84.4%	77.6%
Gross Cash Flow/ Avg. Total Debt [6]	17.4%	19.6%	20.9%	23.0%	23.2%	20.8%
Gross Cash Flow Interest Coverage [7]	4.90 x	5.56 x	5.82 x	6.13 x	5.83 x	5.65 x
Common Dividend Coverage [8]	3.54 x	3.86 x	4.19 x	4.44 x	4.28 x	4.06 x

See Page 2 for Notes.

Electric Group
Capitalization and Financial Statistics
2015-2019, Inclusive

Notes:

(1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
(2) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account.
(3) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
(4) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
(5) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
(6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
(7) Gross Cash Flow plus interest charges divided by interest charges.
(8) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Basis of Selection:
The Electric Group includes companies that: (i) have publicly-traded common stock, (ii) are contained in The Value Line Investment Survey and are classified in the Electric Utility East group, (iii) are not currently the target of an announced merger or acquisition, (iv) are not engaged in the construction of a nuclear generating plant or have not recently cancelled the construction of a nuclear generating plant, and (v) have not recently reduced its common dividend.

Ticker	Company	Corporate Credit Ratings		Stock	Value Line
		Moody's	S&P	Traded	Beta
AGR	Avangrid, Inc.	A3	BBB+	NYSE	0.85
ED	Consol. Edison	Baa1	A-	NYSE	0.75
DUK	Duke Energy	A1	BBB+	NYSE	0.85
ES	Eversource Energy	A3	A	NYSE	0.90
EXC	Exelon Corp.	A2	BBB+	NYSE	0.95
FE	FirstEnergy Corp.	A3	BB+	NYSE	0.85
NEE	NextEra Energy	A1	A	NYSE	0.90
PPL	PPL Corp.	A3	A-	NYSE	1.15
PEG	Public Serv. Enterprise	A2	A-	NYSE	0.90
	Average	A2	BBB+		0.90

Note: Ratings are those of utility subsidiaries

Source of Information: Standard & Poor's Utility COMPUSTAT
Moody's Investors Service
Standard & Poor's Corporation

Standard & Poor's Public Utilities
Capitalization and Financial Statistics [1]
2015-2019, Inclusive

	2019	2018	2017	2016	2015	
			(Millions of Dollars)			
Amount of Capital Employed						
Permanent Capital	$ 36,567.1	$ 32,871.6	$ 30,827.6	$ 29,173.1	$ 26,655.9	
Short-Term Debt	$ 1,221.9	$ 1,420.3	$ 1,076.1	$ 1,032.2	$ 875.5	
Total Capital	$ 37,789.0	$ 34,291.9	$ 31,903.7	$ 30,205.3	$ 27,531.4	
Market-Based Financial Ratios						Average
Price-Earnings Multiple	20 x	21 x	21 x	21 x	18 x	20 x
Market/Book Ratio	220.8%	204.7%	214.4%	196.0%	181.1%	203.4%
Dividend Yield	3.2%	3.5%	3.3%	3.5%	3.6%	3.4%
Dividend Payout Ratio	62.7%	71.7%	74.4%	74.6%	68.8%	70.4%
Capital Structure Ratios						
Based on Permanent Captial:						
Long-Term Debt	56.7%	55.0%	56.8%	56.6%	54.7%	55.9%
Preferred Stock	2.2%	2.5%	1.4%	1.9%	1.6%	1.9%
Common Equity [2]	41.1%	42.5%	41.8%	41.6%	43.8%	42.2%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Based on Total Capital:						
Total Debt incl. Short Term	58.2%	57.0%	58.4%	58.2%	56.1%	57.6%
Preferred Stock	2.1%	2.4%	1.4%	1.8%	1.5%	1.8%
Common Equity [2]	39.7%	40.7%	40.3%	40.1%	42.4%	40.6%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Rate of Return on Book Common Equity [2]	10.3%	10.3%	10.8%	9.7%	9.7%	10.2%
Operating Ratio [3]	79.3%	79.8%	77.0%	78.2%	79.7%	78.8%
Coverage incl. AFUDC [4]						
Pre-tax: All Interest Charges	3.05 x	2.94 x	3.42 x	3.38 x	3.80 x	3.32 x
Post-tax: All Interest Charges	3.10 x	2.59 x	2.86 x	2.55 x	2.79 x	2.78 x
Overall Coverage: All Int. & Pfd. Div.	3.04 x	2.55 x	2.84 x	2.52 x	2.75 x	2.74 x
Coverage excl. AFUDC [4]						
Pre-tax: All Interest Charges	2.95 x	2.84 x	3.31 x	3.28 x	3.70 x	3.22 x
Post-tax: All Interest Charges	3.00 x	2.48 x	2.75 x	2.44 x	2.69 x	2.67 x
Overall Coverage: All Int. & Pfd. Div.	2.94 x	2.44 x	2.73 x	2.41 x	2.65 x	2.63 x
Quality of Earnings & Cash Flow						
AFC/Income Avail. for Common Equity	5.8%	7.3%	7.3%	6.5%	5.5%	6.5%
Effective Income Tax Rate	12.2%	19.0%	28.2%	29.0%	32.5%	24.2%
Internal Cash Generation/Construction [5]	66.0%	75.7%	78.7%	78.0%	71.9%	74.1%
Gross Cash Flow/ Avg. Total Debt [6]	17.5%	17.4%	19.9%	20.5%	20.0%	19.1%
Gross Cash Flow Interest Coverage [7]	4.97 x	4.98 x	5.57 x	5.54 x	5.41 x	5.29 x
Common Dividend Coverage [8]	5.56 x	4.80 x	4.33 x	4.31 x	4.24 x	4.65 x

See Page 2 for Notes.

Standard & Poor's Public Utilities
Capitalization and Financial Statistics
2015-2019, Inclusive

Notes:

(1) All capitalization and financial statistics for the group are the arithmetic average of the achieved results for each individual company in the group.
(2) Excluding Accumulated Other Comprehensive Income ("OCI") from the equity account
(3) Total operating expenses, maintenance, depreciation and taxes other than income taxes as a percent of operating revenues.
(4) Coverage calculations represent the number of times available earnings, both including and excluding AFUDC (allowance for funds used during construction) as reported in its entirety, cover fixed charges.
(5) Internal cash generation/gross construction is the percentage of gross construction expenditures provided by internally-generated funds from operations after payment of all cash dividends divided by gross construction expenditures.
(6) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) as a percentage of average total debt.
(7) Gross Cash Flow (sum of net income, depreciation, amortization, net deferred income taxes and investment tax credits, less total AFUDC) plus interest charges, divided by interest charges.
(8) Common dividend coverage is the relationship of internally-generated funds from operations after payment of preferred stock dividends to common dividends paid.

Source of Information: Annual Reports to Shareholders
Utility COMPUSTAT

Standard & Poor's Public Utilities
Company Identities

	Ticker	Credit Rating [1] Moody's	Credit Rating [1] S&P	Common Stock Traded	Value Line Beta
Alliant Energy Corporation	LNT	Baa1	A-	NYSE	0.85
Ameren Corporation	AEE	Baa1	BBB+	NYSE	0.85
American Electric Power	AEP	Baa1	A-	NYSE	0.75
American Water Works	AWK	Baa1	A	NYSE	0.85
CenterPoint Energy	CNP	Baa1	BBB+	NYSE	1.15
CMS Energy	CMS	A3	A-	NYSE	0.80
Consolidated Edison	ED	Baa1	A-	NYSE	0.75
Dominion Energy	D	A2	BBB+	NYSE	0.80
DTE Energy Co.	DTE	A2	A-	NYSE	0.95
Duke Energy	DUK	A1	BBB+	NYSE	0.85
Edison Int'l	EIX	Baa2	BBB	NYSE	0.95
Entergy Corp.	ETR	Baa1	A-	NYSE	0.95
Evergy, Inc.	EVRG	Baa1	A-	NYSE	1.00
Eversource	ES	A3	A	NYSE	0.90
Exelon Corp.	EXC	A2	BBB+	NYSE	0.95
FirstEnergy Corp.	FE	A3	BB+	NYSE	0.85
NextEra Energy Inc.	NEE	A1	A	NYSE	0.90
NiSource Inc.	NI	Baa2	BBB+	NYSE	0.85
NRG Energy Inc.	NRG	Ba1	BB+	NYSE	1.25
Pinnacle West Capital	PNW	A2	A-	NYSE	0.90
PPL Corp.	PPL	A3	A-	NYSE	1.15
Public Serv. Enterprise Inc.	PEG	A2	A-	NYSE	0.90
Sempra Energy	SRE	Baa1	BBB+	NYSE	1.00
Southern Co.	SO	Baa1	A-	NYSE	0.90
WEC Energy Corp.	WEC	A2	A-	NYSE	0.80
Xcel Energy Inc	XEL	A2	A-	NYSE	0.80
Average for S&P Utilities		A3	BBB+		0.91

Note: [1] Ratings are those of utility subsidiaries

Source of Information: SNL Financial LLC
Standard & Poor's Stock Guide
Value Line Investment Survey for Windows

PECO Energy Company

Capitalization and Related Capital Structure Ratios

Actual at December 31, 2020 and Estimated at December 31, 2021 and December 31, 2022

	Actual at December 31, 2020			Estimated at December 31, 2021			Estimated at December 31, 2022		
		Capital Structure Ratios			Capital Structure Ratios			Capital Structure Ratios	
	Amount Outstanding	Incl. S-T Debt	Excl. S-T Debt	Amount Outstanding	Incl. S-T Debt	Excl. S-T Debt	Amount Outstanding	Incl. S-T Debt	Excl. S-T Debt
	($000)			($000)			($000)		
Long-Term Debt [1]	$ 3,978,942	46.53%	46.74%	$ 4,431,369 [2]	46.39%	46.59%	$ 4,807,891 [2]	46.38%	46.59%
Common Equity									
Common Stock	1,423,004			1,423,004			1,423,004		
Other Paid-In Capital	1,591,038			1,997,338 [4]			2,261,032 [5]		
Retained Earnings [3]	1,519,068			1,660,365 [5]			1,828,221 [4]		
Total Common Equity	4,533,110	53.01%	53.26%	5,080,707	53.19%	53.41%	5,512,257	53.18%	53.41%
Total Permanent Capital	8,512,052	99.54%	100.00%	9,512,076	99.58%	100.00%	10,320,148	99.56%	100.00%
Short-Term Debt	40,000	0.47%		39,565	0.41%		45,550	0.44%	
Total Capital Employed	$ 8,552,052	100.01%		$ 9,551,641	99.99%		$ 10,365,698	100.00%	

Notes:

[1] Includes current portion of long-term debt.

[2] Reflects change in long-term debt consisting of:

New issue	$ 375,000	$ 300,000
New issue	$ 375,000	$ 425,000
Maturity	$ (300,000)	$ (350,000)
Change in Adjustment for Tenders and Calls	$ 2,427	$ 1,522

[3] Excludes Accumulated Other Comprehensive Income

[4] Equity Infusions $ 406,300 263,694

[5] Reflects change in retained earnings consisting of:

Net income, excluding impact of proposed rate increase	$ 481,297	$ 568,856
Common Dividends	$ (340,000)	$ (401,000)

Source of Information: Company provided data

PECO Energy Company
Calculation of the Embedded Cost of Long-Term Debt
Actual at December 31, 2020

Series	Date of Maturity	Principal Amount Outstanding	Percent to Total	Effective Cost Rate [1]	Weighted Cost Rate
First and Refunding Mortgage Bonds					
1.70%	09/15/21	$ 300,000,000	7.53%	1.86%	0.14%
2.375%	09/15/22	350,000,000	8.78%	2.47%	0.22%
3.150%	10/15/25	350,000,000	8.78%	3.29%	0.29%
5.90%	05/01/34	75,000,000	1.88%	6.00%	0.11%
5.95%	10/01/36	300,000,000	7.53%	6.04%	0.45%
5.70%	03/15/37	175,000,000	4.39%	5.81%	0.26%
4.80%	10/15/43	250,000,000	6.27%	4.89%	0.31%
4.15%	10/01/44	300,000,000	7.53%	4.23%	0.32%
3.70%	09/15/47	325,000,000	8.16%	3.77%	0.31%
3.90%	03/01/48	650,000,000	16.31%	4.08%	0.67%
3.00%	09/15/49	325,000,000	8.16%	3.10%	0.25%
2.80%	06/15/50	350,000,000	8.78%	2.86%	0.25%
PIDC Loan					
2.00%	06/20/23	50,000,000	1.26%	2.27%	0.03%
Trust Preferred Capital Securities					
7.38%	04/06/28	80,520,619	2.02%	7.46%	0.15%
5.25%	04/06/28	805,206	0.02%	5.25%	0.00%
5.75%	06/15/33	103,092,784	2.59%	5.88%	0.15%
		3,984,418,609	100.00%		3.91%
Adjustment for Tenders and Calls		(5,477,000)			
Long-Term Debt		$ 3,978,941,609			
Annualized Cost		$ 155,790,768			
Adjustment for Tenders and Calls on Reacquired Debt		2,466,000			
Total Cost		$ 158,256,768			3.98%

Notes: [1] As calculated on page 4 of this schedule.

Source of Information: Company provided data

PECO Energy Company
Calculation of the Embedded Cost of Long-Term Debt
Estimated at December 31, 2021

Series	Date of Maturity	Principal Amount Outstanding	Percent to Total	Effective Cost Rate [1]	Weighted Cost Rate
First and Refunding Mortgage Bonds					
2.375%	09/15/22	$ 350,000,000	7.89%	2.47%	0.19%
3.150%	10/15/25	350,000,000	7.89%	3.29%	0.26%
5.90%	05/01/34	75,000,000	1.69%	6.00%	0.10%
5.95%	10/01/36	300,000,000	6.77%	6.04%	0.41%
5.70%	03/15/37	175,000,000	3.95%	5.81%	0.23%
4.80%	10/15/43	250,000,000	5.64%	4.89%	0.28%
4.15%	10/01/44	300,000,000	6.77%	4.23%	0.29%
3.70%	09/15/47	325,000,000	7.33%	3.77%	0.28%
3.90%	03/01/48	650,000,000	14.66%	4.08%	0.60%
3.00%	09/15/49	325,000,000	7.33%	3.10%	0.23%
2.80%	06/15/50	350,000,000	7.89%	2.86%	0.23%
3.05%	03/01/51	375,000,000	8.46%	3.11%	0.26%
3.10%	09/01/51	375,000,000	8.46%	3.15%	0.27%
PIDC Loan					
2.00%	06/20/23	50,000,000	1.13%	2.27%	0.03%
Trust Preferred Capital Securities					
7.38%	04/06/28	80,520,619	1.82%	7.46%	0.14%
5.25%	04/06/28	805,206	0.02%	5.25%	0.00%
5.75%	06/15/33	103,092,784	2.33%	5.88%	0.14%
		4,434,418,609	100.00%		3.94%
Adjustment for Tenders and Calls		(3,050,000)			
Long-Term Debt		$ 4,431,368,609			
Annualized Cost		$ 174,716,093			
Adjustment for Tenders and Calls on Reacquired Debt		2,051,000			
Total Cost		$ 176,767,093			3.99%

Notes: [1] As calculated on page 4 of this schedule.

Source of Information: Company provided data

PECO Energy Company
Calculation of the Embedded Cost of Long-Term Debt
Estimated at December 31, 2022

Series	Date of Maturity	Principal Amount Outstanding	Percent to Total	Effective Cost Rate [1]	Weighted Cost Rate
First and Refunding Mortgage Bonds					
3.150%	10/15/25	$ 350,000,000	7.28%	3.29%	0.24%
5.90%	05/01/34	75,000,000	1.56%	6.00%	0.09%
5.95%	10/01/36	300,000,000	6.24%	6.04%	0.38%
5.70%	03/15/37	175,000,000	3.64%	5.81%	0.21%
4.80%	10/15/43	250,000,000	5.20%	4.89%	0.25%
4.15%	10/01/44	300,000,000	6.24%	4.23%	0.26%
3.70%	09/15/47	325,000,000	6.76%	3.77%	0.25%
3.90%	03/01/48	650,000,000	13.52%	4.08%	0.55%
3.00%	09/15/49	325,000,000	6.76%	3.10%	0.21%
2.80%	06/15/50	350,000,000	7.28%	2.86%	0.21%
3.05%	03/01/51	375,000,000	7.80%	3.11%	0.24%
3.10%	09/01/51	375,000,000	7.80%	3.15%	0.25%
3.20%	03/01/52	300,000,000	6.24%	3.25%	0.20%
3.20%	03/01/52	425,000,000	8.84%	3.25%	0.29%
PIDC Loan					
2.00%	06/20/23	50,000,000	1.04%	2.27%	0.02%
Trust Preferred Capital Securities					
7.38%	04/06/28	80,520,619	1.67%	7.46%	0.12%
5.25%	04/06/28	805,206	0.02%	5.25%	0.00%
5.75%	06/15/33	103,092,784	2.14%	5.88%	0.13%
		4,809,418,609	100.00%		3.90%
Adjustment for Tenders and Calls		(1,528,000)			
Long-Term Debt		$ 4,807,890,609			
Annualized Cost		$ 187,567,326			
Adjustment for Tenders and Calls on Reacquired Debt		1,239,000			
Total Cost		$ 188,806,326			3.93%

Notes: [1] As calculated on page 4 of this schedule.

Source of Information: Company provided data

PECO Energy Company
Calculation of the Effective Cost of Long-Term Debt by Series

Series	Date of Issue	Date of Maturity	Average Term in Years [1]	Principal Amount Issued	Premium/ Discount & Expense	Net Proceeds	Net Proceeds Ratio	Effective Cost Rate [2]
First and Refunding Mortgage Bonds								
1.70%	09/21/16	09/15/21	5	$ 300,000,000	$ 2,348,606	$ 297,651,394	99.22%	1.86%
2.375%	09/17/12	09/15/22	10	350,000,000	3,054,240	346,945,760	99.13%	2.47%
3.15%	10/05/15	10/15/25	10	350,000,000	4,156,454	345,843,546	98.81%	3.29%
5.90%	04/23/04	05/01/34	30	75,000,000	1,024,692	73,975,308	98.63%	6.00%
5.95%	09/25/06	10/01/36	30	300,000,000	3,862,236	296,137,764	98.71%	6.04%
5.70%	03/19/07	03/15/37	30	175,000,000	2,672,126	172,327,874	98.47%	5.81%
4.80%	09/23/13	10/15/43	30	250,000,000	3,475,050	246,524,950	98.61%	4.89%
4.15%	09/15/14	10/01/44	30	300,000,000	4,211,731	295,788,269	98.60%	4.23%
3.70%	09/18/17	09/15/47	30	325,000,000	4,197,845	320,802,155	98.71%	3.77%
3.90%	02/23/18	03/01/48	30	650,000,000	20,205,761	629,794,239	96.89%	4.08%
3.00%	09/10/19	09/15/49	30	325,000,000	6,226,403	318,773,597	98.08%	3.10%
2.80%	06/01/20	06/15/50	30	350,000,000	4,016,000	345,984,000	98.85%	2.86%
3.05%	03/01/21	03/01/51	30	375,000,000	4,623,750	370,376,250	98.77%	3.11%
3.10% [3]	09/01/21	09/01/51	30	375,000,000	3,750,000	371,250,000	99.00%	3.15%
3.20% [3]	03/01/22	03/01/52	30	300,000,000	3,000,000	297,000,000	99.00%	3.25%
3.20% [3]	09/01/22	03/01/52	30	425,000,000	4,250,000	420,750,000	99.00%	3.25%
PIDC Loan								
2.00%	06/20/18	06/20/23	5	50,000,000	637,415	49,362,585	98.73%	2.27%
Trust Preferred Capital Securities								
7.38%	04/06/98	04/06/28	30	80,520,619	760,181	79,760,438	99.06%	7.46%
5.25% [4]	04/06/98	04/06/28	30	805,206	-	805,206	100.00%	5.25%
5.75%	06/24/03	06/15/33	30	103,092,784	1,934,015	101,158,769	98.12%	5.88%

Notes: [1] Determined by taking into account the effect of the annual sinking fund requirements which are met by the retirement of bonds which reduce the term of each issue.
[2] The effective cost for each issue is the yield to maturity using as inputs the average term of issue, coupon rate, and net proceeds ratio.
[U] Estimated.
[4] Variable rate at Prime Rate of 3.25% plus two-percentage points.

Source of Information: Company provided data

Monthly Dividend Yields for
Electric Group
for the Twelve Months Ending December 2020

Company	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	12-Month Average	6-Month Average	3-Month Average
AVANGRID, Inc (AGR)	3.32%	3.57%	4.03%	4.12%	3.99%	4.21%	3.56%	3.66%	3.50%	3.59%	3.82%	3.88%			
Consolidated Edison Inc (ED)	3.28%	3.89%	3.94%	3.91%	4.09%	4.28%	4.02%	4.30%	3.95%	3.93%	4.02%	4.26%			
Duke Energy Corporation (DUK)	3.90%	4.13%	4.70%	4.51%	4.42%	4.76%	4.60%	4.82%	4.38%	4.23%	4.17%	4.24%			
Eversource Energy (ES)	2.46%	2.64%	2.91%	2.83%	2.71%	2.73%	2.53%	2.67%	2.72%	2.61%	2.61%	2.63%			
Exelon Corp (EXC)	3.24%	3.55%	4.18%	4.16%	4.00%	4.24%	4.00%	4.15%	4.30%	3.87%	3.73%	3.64%			
FirstEnergy Corp (FE)	3.09%	3.51%	3.92%	3.81%	3.70%	4.05%	5.45%	5.48%	5.48%	5.31%	5.90%	5.14%			
NextEra Energy Inc (NEE)	2.10%	2.22%	2.33%	2.43%	2.20%	2.34%	2.00%	2.01%	2.02%	1.92%	1.90%	1.82%			
PPL Corp (PPL)	4.62%	5.60%	6.75%	6.59%	6.02%	6.45%	6.29%	6.09%	6.12%	6.09%	5.92%	5.91%			
Public Service Enterprise Group Inc (PEG)	3.33%	3.85%	4.38%	3.89%	3.87%	4.00%	3.52%	3.78%	3.58%	3.39%	3.39%	3.37%			
Average	**3.26%**	**3.66%**	**4.13%**	**4.03%**	**3.89%**	**4.12%**	**4.00%**	**4.11%**	**4.01%**	**3.88%**	**3.94%**	**3.88%**	**3.91%**	**3.97%**	**3.90%**

Note: Monthly dividend yields are calculated by dividing the annualized quarterly dividend by the month-end closing stock price adjusted by the fraction of the ex-dividend.

Source of Information: https://finance.yahoo.com
https://www.nasdaq.com

Forward-looking Dividend Yield

1/2 Growth	D_0/P_0	(.5g)	D_1/P_0	$K = \frac{D_0(1+g)^0 + D_0(1+g)^0 + D_0(1+g)^1 + D_0(1+g)^1}{P_0} + g$
	3.97%	1.025750	4.07%	
Discrete	D_0/P_0	Adj.	D_1/P_0	$K = \frac{D_0(1+g)^{.25} + D_0(1+g)^{.50} + D_0(1+g)^{.75} + D_0(1+g)^{1.00}}{P_0} + g$
	3.97%	1.031985	4.10%	
Quarterly	D_0/P_0	Adj.	D_1/P_0	$K = \left[\left(1 + \frac{D_0(1+g)^{.25}}{P_0}\right)^4 - 1\right] + g$
	0.9925%	1.012634	4.08%	
Average			4.08%	
Growth rate			5.15%	
K			9.23%	

Historical Growth Rates
Earnings Per Share, Dividends Per Share,
Book Value Per Share, and Cash Flow Per Share

Electric Group	Earnings per Share		Dividends per Share		Book Value per Share		Cash Flow per Share	
	Value Line		Value Line		Value Line		Value Line	
	5 Year	10 Year	5 Year	10 Year	5 Year	10 Year	5 Year	10 Year
AVANGRID, Inc.	-	-	-	-	-	-	-	-
Consol. Edison	2.00%	2.50%	3.00%	2.00%	4.50%	4.00%	4.00%	4.00%
Duke Energy	2.50%	3.00%	3.00%	3.00%	1.00%	2.00%	6.00%	3.50%
Eversource Energy	7.00%	6.00%	7.00%	9.00%	3.50%	6.50%	6.50%	2.00%
Exelon Corp.	4.50%	-4.50%	-3.00%	-3.50%	4.00%	6.50%	5.00%	1.00%
FirstEnergy Corp.	-	-7.00%	-2.00%	-3.00%	-17.50%	-8.50%	-3.00%	-6.00%
NextEra Energy	7.00%	6.50%	11.00%	9.50%	10.50%	9.00%	7.00%	6.50%
PPL Corp.	-1.00%	1.00%	2.00%	2.00%	-3.50%	1.00%	-3.50%	-1.00%
Public Serv. Enterprise	4.00%	1.00%	4.50%	3.50%	4.50%	6.00%	2.00%	2.00%
Average	3.71%	1.06%	3.19%	2.81%	0.88%	3.31%	3.00%	1.50%

Source of Information: Value Line Investment Survey November 13, 2020

Analysts' Five-Year Projected Growth Rates
Earnings Per Share, Dividends Per Share,
Book Value Per Share, and Cash Flow Per Share

Electric Group	I/B/E/S First Call	Zacks	Value Line Earnings Per Share	Value Line Dividends Per Share	Value Line Book Value Per Share	Value Line Cash Flow Per Share	Value Line Percent Retained to Common Equity
AVANGRID, Inc.	4.00%	4.70%	4.00%	0.50%	1.00%	4.50%	1.50%
Consol. Edison	2.54%	2.00%	3.00%	3.50%	3.00%	4.00%	2.50%
Duke Energy	2.80%	3.60%	5.00%	2.50%	2.50%	5.00%	2.50%
Eversource Energy	6.51%	6.50%	5.50%	6.00%	5.50%	5.50%	3.50%
Exelon Corp.		2.40%	3.50%	5.50%	3.50%	4.00%	4.00%
FirstEnergy Corp.		NA	8.50%	2.00%	10.00%	3.00%	6.50%
NextEra Energy	8.73%	7.90%	9.50%	10.50%	6.50%	7.50%	4.00%
PPL Corp.		NA	2.50%	2.00%	4.50%	4.00%	4.00%
Public Serv. Enterprise	1.10%	2.90%	5.00%	4.00%	5.00%	5.00%	5.00%
Average	4.28%	4.29%	5.17%	4.06%	4.61%	4.72%	3.72%

Note: Negative growth rates removed for Exelon of -2.40%, FirstEnergy of -2.40%, and PPL Corp. of -16.20%.

Source of Information : Yahoo Finance, January 5, 2021
Zacks, January 5, 2021
Value Line Investment Survey, November 13, 2020

Electric Group
Financial Risk Adjustment

	AVANGRID Inc (AGR)	Consolidated Edison Inc (ED)	Duke Energy Corporation (DUK)	Eversource Energy (ES)	Exelon Corp(EXC)	FirstEnergy Corp (FE)	NextEra Energy Inc (NEE)	PPL Corp (PPL)	Public Service Enterprise Group Inc (PEG)	Average
Fiscal Year	12/31/19	12/31/19	12/31/19	12/31/19	12/31/19	12/31/19	12/31/19	12/31/19	12/31/19	
Capitalization at Fair Values										
Debt(D)	8,168,000	22,738,000	63,062,000	15,796,100	41,516,000	22,928,000	42,928,000	25,481,000	16,723,000	28,815,567
Preferred(P)	0	0	0	162,000	0	0	0	0	0	18,000
Equity(E)	15,846,919	28,045,700	66,856,930	28,062,946	44,267,890	26,275,698	118,416,240	27,528,320	29,761,200	42,784,649
Total	24,014,919	50,783,700	129,918,930	44,021,046	85,783,890	49,203,698	161,344,240	53,009,320	46,484,200	71,618,216
Capital Structure Ratios										
Debt(D)	34.01%	44.77%	48.54%	35.88%	48.40%	46.60%	26.61%	48.07%	35.98%	40.98%
Preferred(P)	0.00%	0.00%	0.00%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.04%
Equity(E)	65.99%	55.23%	51.46%	63.75%	51.60%	53.40%	73.39%	51.93%	64.02%	58.97%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%
Common Stock										
Issued		333,000.000			973,000.000				534,000.000	
Treasury		23,000.000			2,000.000				30,000.000	
Outstanding	309,752.140	310,000.000	733,000.000	329,880.645	971,000.000	540,652.222	489,000.000	767,233.000	504,000.000	
Market Price	$51.16	$90.47	$91.21	$85.07	$45.59	$48.60	$242.16	$35.88	$59.05	
Capitalization at Carrying Amounts										
Debt(D)	7,446,000	19,973,000	58,126,000	14,681,500	37,628,000	20,074,000	39,667,000	21,893,000	15,108,000	26,066,278
Preferred(P)	0	0	1,962,000	155,600	0	0	0	0	0	235,289
Equity(E)	15,237,000	18,022,000	44,860,000	12,629,994	32,224,000	6,975,000	37,005,000	12,991,000	15,089,000	21,670,333
Total	22,683,000	37,995,000	104,948,000	27,467,094	69,852,000	27,049,000	76,672,000	34,884,000	30,197,000	47,971,899
Capital Structure Ratios										
Debt(D)	32.83%	52.57%	55.39%	53.45%	53.87%	74.21%	51.74%	62.76%	50.03%	54.09%
Preferred(P)	0.00%	0.00%	1.87%	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.27%
Equity(E)	67.17%	47.43%	42.74%	45.98%	46.13%	25.79%	48.26%	37.24%	49.97%	45.63%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%
Betas Value Line	0.85	0.75	0.85	0.90	0.95	0.85	0.90	1.15	0.90	0.90

Hamada

Bl	=	Bu	[1+	(1 - t)	D/E	+	P/E	]
0.90	=	Bu	[1+	(1-0.35)	0.6949	+	0.0007	]
0.90	=	Bu	[1+	0.65	0.6949	+	0.0007	]
0.90	=	Bu	1.4524					
0.62	=	Bu						

Hamada

Bl	=	0.62	[1+	(1 - t)	D/E	+	P/E	]
Bl	=	0.62	[1+	0.65	1.1854	+	0.0059	]
Bl	=	0.62	1.7764					
Bl	=	1.10						

M&M

ku	=	ke	-	(((	ku	-	i	)		1-t	)		D	/	E	) - (	ku	-	d	)	P	/	E
7.24%	=	9.23%	-	(((	7.24%	-	2.81%	)		0.65	)		40.98%	/	58.97%	) - (	7.24%	-	5.68%	)	0.04%	/	58.97%
7.24%	=	9.23%	-	(((	4.43%			)		0.65	)		0.6949			) - (	1.56%			)	0.0007		
7.24%	=	9.23%	-	((	2.88%						)		0.6949			) - (	1.56%			)	0.0007		
7.24%	=	9.23%	-		2.00%											-	0.00%						

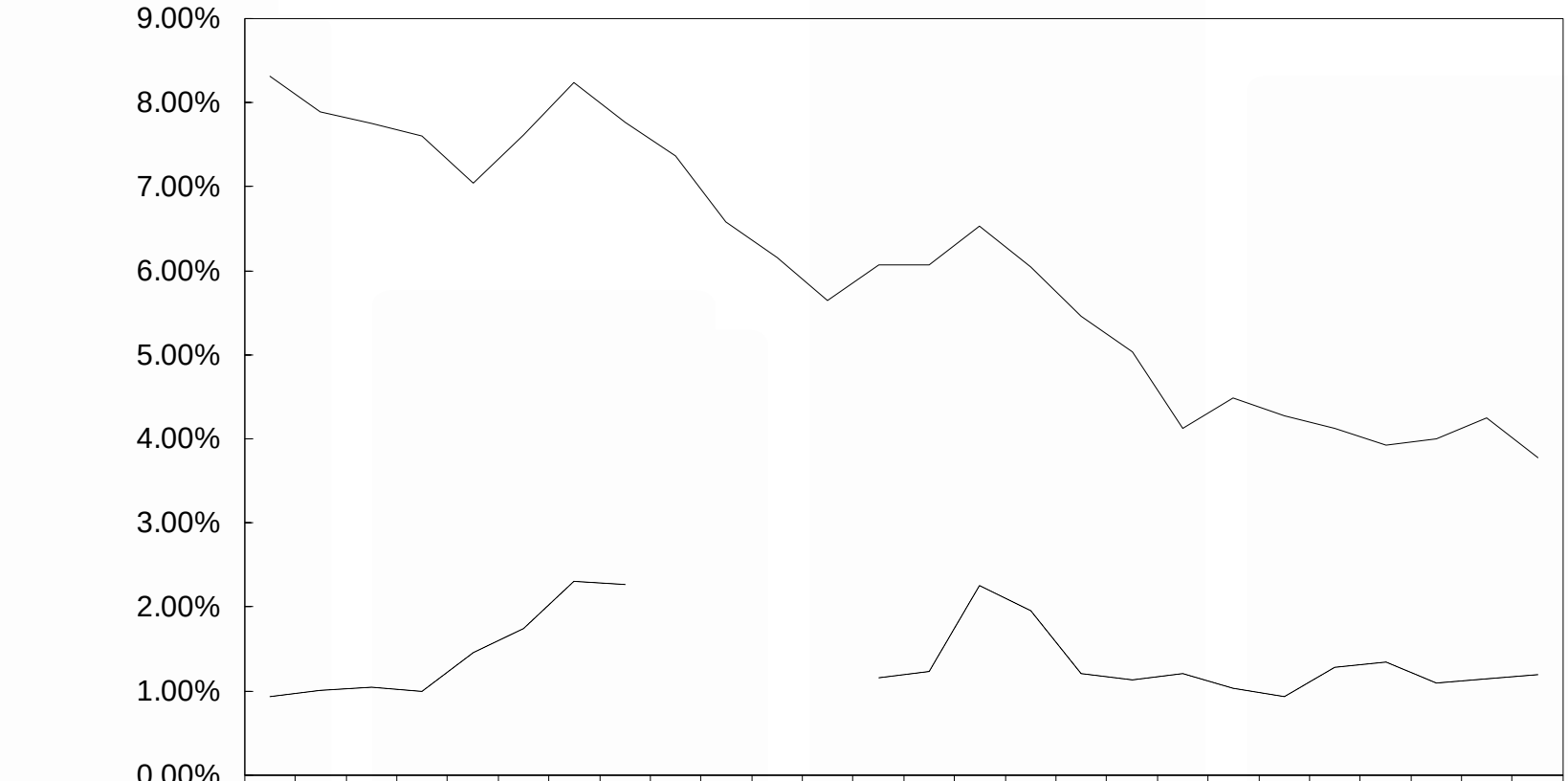
M&M

ke	=	ku	+	(((	ku	-	i	)		1-t	)		D	/	E	) + (	ku	-	d	)	P	/	E
10.64%	=	7.24%	+	(((	7.24%	-	2.81%	)		0.65	)		54.09%	/	45.63%	) + (	7.24%	-	5.68%	)	0.27%	/	45.63%
10.64%	=	7.24%	+	(((	4.43%			)		0.65	)		1.1854			) + (	1.56%			)	0.0059		
10.64%	=	7.24%	+	((	2.88%						)		1.1854			) + (	1.56%			)	0.0059		
10.66%	=	7.24%	+		3.41%											+	0.01%						

Interest Rates for Investment Grade Public Utility Bonds
Yearly for 2015-2019
and the Twelve Months Ended December 2020

Years	Aa Rated	A Rated	Baa Rated	Average
2015	4.00%	4.12%	5.03%	4.38%
2016	3.73%	3.93%	4.68%	4.11%
2017	3.82%	4.00%	4.38%	4.07%
2018	4.09%	4.25%	4.67%	4.34%
2019	3.61%	3.77%	4.19%	3.86%
Five-Year Average	3.85%	4.01%	4.59%	4.15%
Months				
Jan-20	3.12%	3.29%	3.60%	3.34%
Feb-20	2.96%	3.11%	3.42%	3.16%
Mar-20	3.30%	3.50%	3.96%	3.59%
Apr-20	2.93%	3.19%	3.82%	3.31%
May-20	2.89%	3.14%	3.63%	3.22%
Jun-20	2.80%	3.07%	3.44%	3.10%
Jul-20	2.46%	2.74%	3.09%	2.77%
Aug-20	2.49%	2.73%	3.06%	2.76%
Sep-20	2.62%	2.84%	3.17%	2.88%
Oct-20	2.72%	2.95%	3.27%	2.98%
Nov-20	2.63%	2.85%	3.17%	2.89%
Dec-20	2.57%	2.77%	3.05%	2.80%
Twelve-Month Average	2.79%	3.02%	3.39%	3.07%
Six-Month Average	2.58%	2.81%	3.14%	2.85%
Three-Month Average	2.64%	2.86%	3.16%	2.89%

Yields on
A-rated Public Utility Bonds and
Spreads over 30-Year Treasuries



	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
A-rated Public Utility	8.31%	7.89%	7.75%	7.60%	7.04%	7.62%	8.24%	7.76%	7.37%	6.58%	6.16%	5.65%	6.07%	6.07%	6.53%	6.04%	5.46%	5.04%	4.13%	4.48%	4.28%	4.12%	3.93%	4.00%	4.25%	3.77%
Spread vs. 30-year	0.94%	1.01%	1.04%	0.99%	1.46%	1.75%	2.30%	2.27%					1.16%	1.23%	2.25%	1.96%	1.21%	1.13%	1.21%	1.03%	0.94%	1.28%	1.34%	1.10%	1.14%	1.19%

A rated Public Utility Bonds over 30-Year Treasuries

Year	A-rated Public Utility	30-Year Treasuries Yield	30-Year Treasuries Spread
Jan-99	6.97%	5.16%	1.81%
Feb-99	7.09%	5.37%	1.72%
Mar-99	7.26%	5.58%	1.68%
Apr-99	7.22%	5.55%	1.67%
May-99	7.47%	5.81%	1.66%
Jun-99	7.74%	6.04%	1.70%
Jul-99	7.71%	5.98%	1.73%
Aug-99	7.91%	6.07%	1.84%
Sep-99	7.93%	6.07%	1.86%
Oct-99	8.06%	6.26%	1.80%
Nov-99	7.94%	6.15%	1.79%
Dec-99	8.14%	6.35%	1.79%
Jan-00	8.35%	6.63%	1.72%
Feb-00	8.25%	6.23%	2.02%
Mar-00	8.28%	6.05%	2.23%
Apr-00	8.29%	5.85%	2.44%
May-00	8.70%	6.15%	2.55%
Jun-00	8.36%	5.93%	2.43%
Jul-00	8.25%	5.85%	2.40%
Aug-00	8.13%	5.72%	2.41%
Sep-00	8.23%	5.83%	2.40%
Oct-00	8.14%	5.80%	2.34%
Nov-00	8.11%	5.78%	2.33%
Dec-00	7.84%	5.49%	2.35%
Jan-01	7.80%	5.54%	2.26%
Feb-01	7.74%	5.45%	2.29%
Mar-01	7.68%	5.34%	2.34%
Apr-01	7.94%	5.65%	2.29%
May-01	7.99%	5.78%	2.21%
Jun-01	7.85%	5.67%	2.18%
Jul-01	7.78%	5.61%	2.17%
Aug-01	7.59%	5.48%	2.11%
Sep-01	7.75%	5.48%	2.27%
Oct-01	7.63%	5.32%	2.31%
Nov-01	7.57%	5.12%	2.45%
Dec-01	7.83%	5.48%	2.35%
Jan-02	7.66%	5.45%	2.21%
Feb-02	7.54%	5.40%	2.14%
Mar-02	7.76%		
Apr-02	7.57%		
May-02	7.52%		
Jun-02	7.42%		
Jul-02	7.31%		
Aug-02	7.17%		
Sep-02	7.08%		
Oct-02	7.23%		
Nov-02	7.14%		
Dec-02	7.07%		
Jan-03	7.07%		
Feb-03	6.93%		
Mar-03	6.79%		
Apr-03	6.64%		
May-03	6.36%		
Jun-03	6.21%		
Jul-03	6.57%		
Aug-03	6.78%		
Sep-03	6.56%		
Oct-03	6.43%		
Nov-03	6.37%		
Dec-03	6.27%		

Year	A-rated Public Utility	30-Year Treasuries Yield	30-Year Treasuries Spread
Jan-04	6.15%		
Feb-04	6.15%		
Mar-04	5.97%		
Apr-04	6.35%		
May-04	6.62%		
Jun-04	6.46%		
Jul-04	6.27%		
Aug-04	6.14%		
Sep-04	5.98%		
Oct-04	5.94%		
Nov-04	5.97%		
Dec-04	5.92%		
Jan-05	5.78%		
Feb-05	5.61%		
Mar-05	5.83%		
Apr-05	5.64%		
May-05	5.53%		
Jun-05	5.40%		
Jul-05	5.51%		
Aug-05	5.50%		
Sep-05	5.52%		
Oct-05	5.79%		
Nov-05	5.88%		
Dec-05	5.80%		
Jan-06	5.75%		
Feb-06	5.82%	4.54%	1.28%
Mar-06	5.98%	4.73%	1.25%
Apr-06	6.29%	5.06%	1.23%
May-06	6.42%	5.20%	1.22%
Jun-06	6.40%	5.15%	1.25%
Jul-06	6.37%	5.13%	1.24%
Aug-06	6.20%	5.00%	1.20%
Sep-06	6.00%	4.85%	1.15%
Oct-06	5.98%	4.85%	1.13%
Nov-06	5.80%	4.69%	1.11%
Dec-06	5.81%	4.68%	1.13%
Jan-06	5.75%		
Feb-06	5.82%	4.54%	1.28%
Mar-06	5.98%	4.73%	1.25%
Apr-06	6.29%	5.06%	1.23%
May-06	6.42%	5.20%	1.22%
Jun-06	6.40%	5.15%	1.25%
Jul-06	6.37%	5.13%	1.24%
Aug-06	6.20%	5.00%	1.20%
Sep-06	6.00%	4.85%	1.15%
Oct-06	5.98%	4.85%	1.13%
Nov-06	5.80%	4.69%	1.11%
Dec-06	5.81%	4.68%	1.13%
Jan-07	5.96%	4.85%	1.11%
Feb-07	5.90%	4.82%	1.08%
Mar-07	5.85%	4.72%	1.13%
Apr-07	5.97%	4.87%	1.10%
May-07	5.99%	4.90%	1.09%
Jun-07	6.30%	5.20%	1.10%
Jul-07	6.25%	5.11%	1.14%
Aug-07	6.24%	4.93%	1.31%
Sep-07	6.18%	4.79%	1.39%
Oct-07	6.11%	4.77%	1.34%
Nov-07	5.97%	4.52%	1.45%
Dec-07	6.16%	4.53%	1.63%

Year	A-rated Public Utility	30-Year Treasuries Yield	30-Year Treasuries Spread
Jan-08	6.02%	4.33%	1.69%
Feb-08	6.21%	4.52%	1.69%
Mar-08	6.21%	4.39%	1.82%
Apr-08	6.29%	4.44%	1.85%
May-08	6.28%	4.60%	1.68%
Jun-08	6.38%	4.69%	1.69%
Jul-08	6.40%	4.57%	1.83%
Aug-08	6.37%	4.50%	1.87%
Sep-08	6.49%	4.27%	2.22%
Oct-08	7.56%	4.17%	3.39%
Nov-08	7.60%	4.00%	3.60%
Dec-08	6.52%	2.87%	3.65%
Jan-09	6.39%	3.13%	3.26%
Feb-09	6.30%	3.59%	2.71%
Mar-09	6.42%	3.64%	2.78%
Apr-09	6.48%	3.76%	2.72%
May-09	6.49%	4.23%	2.26%
Jun-09	6.20%	4.52%	1.68%
Jul-09	5.97%	4.41%	1.56%
Aug-09	5.71%	4.37%	1.34%
Sep-09	5.53%	4.19%	1.34%
Oct-09	5.55%	4.19%	1.36%
Nov-09	5.64%	4.31%	1.33%
Dec-09	5.79%	4.49%	1.30%
Jan-10	5.77%	4.60%	1.17%
Feb-10	5.87%	4.62%	1.25%
Mar-10	5.84%	4.64%	1.20%
Apr-10	5.81%	4.69%	1.12%
May-10	5.50%	4.29%	1.21%
Jun-10	5.46%	4.13%	1.33%
Jul-10	5.26%	3.99%	1.27%
Aug-10	5.01%	3.80%	1.21%
Sep-10	5.01%	3.77%	1.24%
Oct-10	5.10%	3.87%	1.23%
Nov-10	5.37%	4.19%	1.18%
Dec-10	5.56%	4.42%	1.14%
Jan-10	5.77%	4.60%	1.17%
Feb-10	5.87%	4.62%	1.25%
Mar-10	5.84%	4.64%	1.20%
Apr-10	5.81%	4.69%	1.12%
May-10	5.50%	4.29%	1.21%
Jun-10	5.46%	4.13%	1.33%
Jul-10	5.26%	3.99%	1.27%
Aug-10	5.01%	3.80%	1.21%
Sep-10	5.01%	3.77%	1.24%
Oct-10	5.10%	3.87%	1.23%
Nov-10	5.37%	4.19%	1.18%
Dec-10	5.56%	4.42%	1.14%
Jan-11	5.57%	4.52%	1.05%
Feb-11	5.68%	4.65%	1.03%
Mar-11	5.56%	4.51%	1.05%
Apr-11	5.55%	4.50%	1.05%
May-11	5.32%	4.29%	1.03%
Jun-11	5.26%	4.23%	1.03%
Jul-11	5.27%	4.27%	1.00%
Aug-11	4.69%	3.65%	1.04%
Sep-11	4.48%	3.18%	1.30%
Oct-11	4.52%	3.13%	1.39%
Nov-11	4.25%	3.02%	1.23%
Dec-11	4.33%	2.98%	1.35%

Year	A-rated Public Utility	30-Year Treasuries Yield	30-Year Treasuries Spread
Jan-12	4.34%	3.03%	1.31%
Feb-12	4.36%	3.11%	1.25%
Mar-12	4.48%	3.28%	1.20%
Apr-12	4.40%	3.18%	1.22%
May-12	4.20%	2.93%	1.27%
Jun-12	4.08%	2.70%	1.38%
Jul-12	3.93%	2.59%	1.34%
Aug-12	4.00%	2.77%	1.23%
Sep-12	4.02%	2.88%	1.14%
Oct-12	3.91%	2.90%	1.01%
Nov-12	3.84%	2.80%	1.04%
Dec-12	4.00%	2.88%	1.12%
Jan-13	4.15%	3.08%	1.07%
Feb-13	4.18%	3.17%	1.01%
Mar-13	4.20%	3.16%	1.04%
Apr-13	4.00%	2.93%	1.07%
May-13	4.17%	3.11%	1.06%
Jun-13	4.53%	3.40%	1.13%
Jul-13	4.68%	3.61%	1.07%
Aug-13	4.73%	3.76%	0.97%
Sep-13	4.80%	3.79%	1.01%
Oct-13	4.70%	3.68%	1.02%
Nov-13	4.77%	3.80%	0.97%
Dec-13	4.81%	3.89%	0.92%
Jan-14	4.63%	3.77%	0.86%
Feb-14	4.53%	3.66%	0.87%
Mar-14	4.51%	3.62%	0.89%
Apr-14	4.41%	3.52%	0.89%
May-14	4.26%	3.39%	0.87%
Jun-14	4.29%	3.42%	0.87%
Jul-14	4.23%	3.33%	0.90%
Aug-14	4.13%	3.20%	0.93%
Sep-14	4.24%	3.26%	0.98%
Oct-14	4.06%	3.04%	1.02%
Nov-14	4.09%	3.04%	1.05%
Dec-14	3.95%	2.83%	1.12%
Jan-14	4.63%	3.77%	0.86%
Feb-14	4.53%	3.66%	0.87%
Mar-14	4.51%	3.62%	0.89%
Apr-14	4.41%	3.52%	0.89%
May-14	4.26%	3.39%	0.87%
Jun-14	4.29%	3.42%	0.87%
Jul-14	4.23%	3.33%	0.90%
Aug-14	4.13%	3.20%	0.93%
Sep-14	4.24%	3.26%	0.98%
Oct-14	4.06%	3.04%	1.02%
Nov-14	4.09%	3.04%	1.05%
Dec-14	3.95%	2.83%	1.12%
Jan-15	3.58%	2.46%	1.12%
Feb-15	3.67%	2.57%	1.10%
Mar-15	3.74%	2.63%	1.11%
Apr-15	3.75%	2.59%	1.16%
May-15	4.17%	2.96%	1.21%
Jun-15	4.39%	3.11%	1.28%
Jul-15	4.40%	3.07%	1.33%
Aug-15	4.25%	2.86%	1.39%
Sep-15	4.39%	2.95%	1.44%
Oct-15	4.29%	2.89%	1.40%
Nov-15	4.40%	3.03%	1.37%
Dec-15	4.35%	2.97%	1.38%

Year	A-rated Public Utility	30-Year Treasuries Yield	30-Year Treasuries Spread
Jan-16	4.27%	2.86%	1.41%
Feb-16	4.11%	2.62%	1.49%
Mar-16	4.16%	2.68%	1.48%
Apr-16	4.00%	2.62%	1.38%
May-16	3.93%	2.63%	1.30%
Jun-16	3.78%	2.45%	1.33%
Jul-16	3.57%	2.23%	1.34%
Aug-16	3.59%	2.26%	1.33%
Sep-16	3.66%	2.35%	1.31%
Oct-16	3.77%	2.50%	1.27%
Nov-16	4.08%	2.86%	1.22%
Dec-16	4.27%	3.11%	1.16%
Jan-17	4.14%	3.02%	1.12%
Feb-17	4.18%	3.03%	1.15%
Mar-17	4.23%	3.08%	1.15%
Apr-17	4.12%	2.94%	1.18%
May-17	4.12%	2.96%	1.16%
Jun-17	3.94%	2.80%	1.14%
Jul-17	3.99%	2.88%	1.11%
Aug-17	3.86%	2.80%	1.06%
Sep-17	3.87%	2.78%	1.09%
Oct-17	3.91%	2.88%	1.03%
Nov-17	3.83%	2.80%	1.03%
Dec-17	3.79%	2.77%	1.02%
Jan-18	3.86%	2.88%	0.98%
Feb-18	4.09%	3.13%	0.96%
Mar-18	4.13%	3.09%	1.04%
Apr-18	4.17%	3.07%	1.10%
May-18	4.28%	3.13%	1.15%
Jun-18	4.27%	3.05%	1.22%
Jul-18	4.27%	3.01%	1.26%
Aug-18	4.26%	3.04%	1.22%
Sep-18	4.32%	3.15%	1.17%
Oct-18	4.45%	3.34%	1.11%
Nov-18	4.52%	3.36%	1.16%
Dec-18	4.37%	3.10%	1.27%
Jan-19	4.35%	3.04%	1.31%
Feb-19	4.25%	3.02%	1.23%
Mar-19	4.16%	2.98%	1.18%
Apr-19	4.08%	2.94%	1.14%
May-19	3.98%	2.82%	1.16%
Jun-19	3.82%	2.57%	1.25%
Jul-19	3.69%	2.57%	1.12%
Aug-19	3.29%	2.12%	1.17%
Sep-19	3.37%	2.16%	1.21%
Oct-19	3.39%	2.19%	1.20%
Nov-19	3.43%	2.28%	1.15%
Dec-19	3.40%	2.30%	1.10%
Jan-20	3.29%	2.22%	1.07%
Feb-20	3.11%	1.97%	1.14%
Mar-20	3.50%	1.46%	2.04%
Apr-20	3.19%	1.27%	1.92%
May-20	3.14%	1.38%	1.76%
Jun-20	3.07%	1.49%	1.58%
Jul-20	2.74%	1.31%	1.43%
Aug-20	2.73%	1.36%	1.37%
Sep-20	2.84%	1.42%	1.42%
Oct-20	2.95%	1.57%	1.38%
Nov-20	2.85%	1.62%	1.23%
Dec-20	2.77%	1.67%	1.10%

Common Equity Risk Premiums
Years 1926-2019

	Large Common Stocks	Long-Term Corp. Bonds	Equity Risk Premium	Long-Term Govt. Bonds Yields
Low Interest Rates	11.92%	5.22%	6.70%	2.88%
Average Across All Interest Rates	12.09%	6.40%	5.69%	4.99%
High Interest Rates	12.26%	7.57%	4.69%	7.09%

Source of Information: 2020 SBBI Yearbook Stocks, Bonds, Bills, and Inflation

Basic Series
Annual Total Returns (except yields)

Year	Large Common Stocks	Long-Term Corp. Bonds	Long-Term Govt. Bonds Yields
1940	-9.78%	3.39%	1.94%
1945	36.44%	4.08%	1.99%
1941	-11.59%	2.73%	2.04%
1949	18.79%	3.31%	2.09%
1946	-8.07%	1.72%	2.12%
1950	31.71%	2.12%	2.24%
2019	31.49%	19.95%	2.25%
1939	-0.41%	3.97%	2.26%
1948	5.50%	4.14%	2.37%
1947	5.71%	-2.34%	2.43%
1942	20.34%	2.60%	2.46%
1944	19.75%	4.73%	2.46%
2012	16.00%	10.68%	2.46%
2014	13.69%	17.28%	2.46%
1943	25.90%	2.83%	2.48%
1938	31.12%	6.13%	2.52%
2017	21.83%	12.25%	2.54%
1936	33.92%	6.74%	2.55%
2011	2.11%	17.95%	2.55%
2015	1.38%	-1.02%	2.68%
1951	24.02%	-2.69%	2.69%
1954	52.62%	5.39%	2.72%
2016	11.96%	6.70%	2.72%
1937	-35.03%	2.75%	2.73%
1953	-0.99%	3.41%	2.74%
1935	47.67%	9.61%	2.76%
1952	18.37%	3.52%	2.79%
2018	-4.38%	-4.73%	2.84%
1934	-1.44%	13.84%	2.93%
1955	31.56%	0.48%	2.95%
2008	-37.00%	8.78%	3.03%
1932	-8.19%	10.82%	3.15%
1927	37.49%	7.44%	3.17%
1957	-10.78%	8.71%	3.23%
1930	-24.90%	7.98%	3.30%
1933	53.99%	10.38%	3.36%
1928	43.61%	2.84%	3.40%
1929	-8.42%	3.27%	3.40%
1956	6.56%	-6.81%	3.45%
1926	11.62%	7.37%	3.54%
2013	32.39%	-7.07%	3.78%
1960	0.47%	9.07%	3.80%
1958	43.36%	-2.22%	3.82%
1962	-8.73%	7.95%	3.95%
1931	-43.34%	-1.85%	4.07%
2010	15.06%	12.44%	4.14%
1961	26.89%	4.82%	4.15%
1963	22.80%	2.19%	4.17%
1964	16.48%	4.77%	4.23%
1959	11.96%	-0.97%	4.47%
1965	12.45%	-0.46%	4.50%
2007	5.49%	2.60%	4.50%
1966	-10.06%	0.20%	4.55%
2009	26.46%	3.02%	4.58%
2005	4.91%	5.87%	4.61%
2002	-22.10%	16.33%	4.84%
2004	10.88%	8.72%	4.84%
2006	15.79%	3.24%	4.91%
2003	28.68%	5.27%	5.11%
1998	28.58%	10.76%	5.42%
1967	23.98%	-4.95%	5.56%
2000	-9.10%	12.87%	5.58%
2001	-11.89%	10.65%	5.75%
1971	14.30%	11.01%	5.97%
1968	11.06%	2.57%	5.98%
1972	18.99%	7.26%	5.99%
1997	33.36%	12.95%	6.02%
1995	37.58%	27.20%	6.03%
1970	3.86%	18.37%	6.48%
1993	10.08%	13.19%	6.54%
1996	22.96%	1.40%	6.73%
1999	21.04%	-7.45%	6.82%
1969	-8.50%	-8.09%	6.87%
1976	23.93%	18.65%	7.21%
1973	-14.69%	1.14%	7.26%
1992	7.62%	9.39%	7.26%
1991	30.47%	19.89%	7.30%
1974	-26.47%	-3.06%	7.60%
1986	18.67%	19.85%	7.89%
1994	1.32%	-5.76%	7.99%
1977	-7.16%	1.71%	8.03%
1975	37.23%	14.64%	8.05%
1989	31.69%	16.23%	8.16%
1990	-3.10%	6.78%	8.44%
1978	6.57%	-0.07%	8.98%
1988	16.61%	10.70%	9.19%
1987	5.25%	-0.27%	9.20%
1985	31.73%	30.09%	9.56%
1979	18.61%	-4.18%	10.12%
1982	21.55%	42.56%	10.95%
1984	6.27%	16.86%	11.70%
1983	22.56%	6.26%	11.97%
1980	32.50%	-2.76%	11.99%
1981	-4.92%	-1.24%	13.34%

Yields for Treasury Constant Maturities
Yearly for 2015-2019
and the Twelve Months Ended December 2020

Years	**1-Year**	**2-Year**	**3-Year**	**5-Year**	**7-Year**	**10-Year**	**20-Year**	**30-Year**
2015	0.32%	0.69%	1.03%	1.53%	1.89%	2.14%	2.55%	2.84%
2016	0.61%	0.84%	1.01%	1.34%	1.64%	1.84%	2.23%	2.60%
2017	1.20%	1.40%	1.58%	1.91%	2.16%	2.33%	2.65%	2.90%
2018	2.33%	2.53%	2.63%	2.75%	2.85%	2.91%	3.02%	3.11%
2019	2.05%	1.97%	1.94%	1.96%	2.05%	2.14%	2.40%	2.58%
Five-Year Average	1.30%	1.49%	1.64%	1.90%	2.12%	2.27%	2.57%	2.81%
Months								
Jan-20	1.53%	1.52%	1.52%	1.56%	1.67%	1.76%	2.07%	2.22%
Feb-20	1.41%	1.33%	1.31%	1.32%	1.42%	1.50%	1.81%	1.97%
Mar-20	0.33%	0.45%	0.50%	0.59%	0.78%	0.87%	1.26%	1.46%
Apr-20	0.18%	0.22%	0.28%	0.39%	0.55%	0.66%	1.06%	1.27%
May-20	0.16%	0.17%	0.22%	0.34%	0.53%	0.67%	1.12%	1.38%
Jun-20	0.18%	0.19%	0.22%	0.34%	0.55%	0.73%	1.27%	1.49%
Jul-20	0.15%	0.15%	0.17%	0.28%	0.46%	0.62%	1.09%	1.31%
Aug-20	0.13%	0.14%	0.16%	0.27%	0.46%	0.65%	1.14%	1.36%
Sep-20	0.13%	0.13%	0.16%	0.27%	0.46%	0.68%	1.21%	1.42%
Oct-20	0.13%	0.15%	0.19%	0.34%	0.55%	0.79%	1.34%	1.57%
Nov-20	0.12%	0.17%	0.22%	0.39%	0.63%	0.87%	1.40%	1.62%
Dec-20	0.10%	0.14%	0.19%	0.39%	0.66%	0.93%	1.47%	1.67%
Twelve-Month Average	0.38%	0.40%	0.43%	0.54%	0.73%	0.89%	1.35%	1.56%
Six-Month Average	0.13%	0.15%	0.18%	0.32%	0.54%	0.76%	1.28%	1.49%
Three-Month Average	0.12%	0.15%	0.20%	0.37%	0.61%	0.86%	1.40%	1.62%

Measures of the Risk-Free Rate & Corporate Bond Yields

The forecast of Treasury and Corporate yields
per the consensus of nearly 50 economists
reported in the Blue Chip Financial Forecasts dated December 1, 2020 and January 1, 2021

		Treasury					Corporate	
Year	Quarter	1-Year Bill	2-Year Note	5-Year Note	10-Year Note	30-Year Bond	Aaa Bond	Baa Bond
2021	First	0.1%	0.2%	0.4%	0.9%	1.7%	2.5%	3.5%
2021	Second	0.2%	0.2%	0.5%	1.0%	1.8%	2.5%	3.6%
2021	Third	0.2%	0.3%	0.6%	1.1%	1.9%	2.6%	3.7%
2021	Fourth	0.2%	0.3%	0.6%	1.2%	2.0%	2.7%	3.8%
2022	First	0.2%	0.4%	0.7%	1.3%	2.1%	2.8%	3.8%
2022	Second	0.3%	0.4%	0.8%	1.4%	2.1%	2.8%	3.8%
Long-range CONSENSUS								
2022		0.3%	0.4%	0.8%	1.3%	2.1%	2.8%	3.9%
2023		0.6%	0.8%	1.2%	1.7%	2.4%	3.2%	4.3%
2024		1.0%	1.2%	1.6%	2.0%	2.8%	3.6%	4.7%
2025		1.4%	1.6%	2.0%	2.4%	3.1%	4.0%	5.0%
2026		1.8%	1.9%	2.3%	2.6%	3.4%	4.2%	5.2%
Averages:								
	2022-2026	1.0%	1.2%	1.5%	2.0%	2.8%	3.6%	4.6%
	2027-2031	2.1%	2.3%	2.5%	2.8%	3.6%	4.5%	5.4%

Measures of the Market Premium

Value Line Return

As of:	Dividend Yield		Median Appreciation Potential		Median Total Return
25-Dec-20	2.0%	+	7.79%	=	9.79%

DCF Result for the S&P 500 Composite

D/P		1+.5g		+	g	=	k
1.73%	(	1.0470	)	+	9.40%	=	11.21%

Summary

Value Line			9.79%
S&P 500			11.21%
Average			10.50%
Risk-free Rate of Return (Rf)			2.00%
Forecast Market Premium			8.50%
Historical Market Premium			
Low Interest Rates	(Rm)	(Rf)	
1926-2019 Arith. mean	11.92%	2.88%	9.04%
Average - Forecast/Historical			8.77%

Exhibit 7.8: Size-Decile Portfolios of the NYSE/NYSE MKT/NASDAQ Long-Term Returns in Excess of CAPM
1926–2016

Size Grouping	OLS Beta	Arithmetic Mean	Return in Excess of Risk-free Rate (actual)	Return in Excess of Risk-free Rate (as predicted by CAPM)	Size Premium
Mid-Cap (3–5)	1.12	13.82%	8.80%	7.79%	1.02%
Low-Cap (6–8)	1.22	15.26%	10.24%	8.49%	1.75%
Micro-Cap (9–10)	1.35	18.04%	13.02%	9.35%	3.67%
Breakdown of Deciles 1–10					
1-Largest	0.92	11.05%	6.04%	6.38%	-0.35%
2	1.04	12.82%	7.81%	7.19%	0.61%
3	1.11	13.57%	8.55%	7.66%	0.89%
4	1.13	13.80%	8.78%	7.80%	0.98%
5	1.17	14.62%	9.60%	8.09%	1.51%
6	1.17	14.81%	9.79%	8.14%	1.66%
7	1.25	15.41%	10.39%	8.67%	1.72%
8	1.30	16.14%	11.12%	9.04%	2.08%
9	1.34	16.97%	11.96%	9.28%	2.68%
10-Smallest	1.39	20.27%	15.25%	9.66%	5.59%

Betas are estimated from monthly returns in excess of the 30-day U.S. Treasury bill total return, January 1926–December 2016. Historical riskless rate measured by the 91-year arithmetic mean income return component of 20-year government bonds (5.02%). Calculated in the context of the CAPM by multiplying the equity risk premium by beta. The equity risk premium is estimated by the arithmetic mean total return of the S&P 500 (11.95%) minus the arithmetic mean income return component of 20-year government bonds (5.02%) from 1926–2016. Source: Morningstar *Direct* and CRSP. Calculated based on data from CRSP US Stock Database and CRSP US Indices Database ©2017 Center for Research. Used with permission. All calculations performed by Duff & Phelps, LLC.

Comparable Earnings Approach
Using Non-Utility Companies with
Timeliness of 1, 2 & 3; Safety Rank of 1, 2 & 3; Financial Strength of B+, B++, A, A+ & A++;
Price Stability of 75 to 95; Betas of .75 to 1.15; and Technical Rank of 3, 4 & 5

Company	Industry	Timeliness Rank	Safety Rank	Financial Strength	Price Stability	Beta	Technical Rank
Abbott Laboratories	Med Supp Non-Invasive	3	1	A	85	0.95	3
Adobe Inc.	Computer Software	2	2	A	85	0.75	3
Agilent Technologies	Precision Instrument	2	2	A	95	0.90	3
Air Products and Chemicals Inc	Chemical (Diversified)	2	1	A	95	0.90	3
Alleghany Corp	Insurance (Prop/Cas.)	1	2	A	85	1.10	4
Allstate Corporation	Insurance (Prop/Cas.)	2	1	A	95	1.00	4
Altria Group Inc	Tobacco	2	3	B	90	0.90	4
Amazon com	Internet	1	1	A	75	0.75	3
AMERCO	Trucking	3	2	B	90	0.95	3
AMETEK Inc.	Diversified Co.	3	2	A	90	1.15	3
Amgen Inc	Biotechnology	2	1	A	95	0.75	3
Analog Devices Inc	Semiconductor	2	1	A	90	0.95	3
ANSYS Inc	Computer Software	2	2	A	90	0.85	4
Apple Inc	Computers/Peripherals	2	1	A	80	0.90	3
Arthur J Gallagher and Company	Financial Svcs. (Div.)	2	1	A	95	1.00	3
Balchem Corp.	Chemical (Specialty)	1	3	B	80	0.75	4
BancorpSouth Bank	Bank	2	3	B	75	1.05	4
Bank of Hawaii	Bank	3	2	B	75	1.10	3
Becton Dickinson and Company	Med Supp Invasive	2	1	A	95	0.80	5
Bio Rad Laboratories Inc	Med Supp Non-Invasive	1	2	A	90	0.80	3
Bio-Techne Corp.	Biotechnology	2	2	A	85	0.80	3
Boston Scientific Corp	Med Supp Invasive	2	3	B	85	1.05	5
Broadridge Fin'l	Information Services	2	2	B	95	0.85	3
Brown Forman Corp (Class B)	Beverage	3	1	A	95	0.85	3
CACI International Inc	IT Services	3	3	B	80	0.95	3
Cadence Design Systems Inc	Computer Software	1	2	A	85	0.90	5
Carlisle Companies Inc	Diversified Co.	3	2	A	80	1.10	3
Caseys General Stores Inc	Retail/Wholesale Food	3	3	B	85	0.85	3
Cboe Global Markets	Brokers & Exchanges	2	2	A	85	0.90	5
Cerner Corp	Healthcare Information	3	2	A	85	0.95	3
Charter Communic.	Cable TV	1	3	B	85	0.90	3
Chemed Corporation	Diversified Co.	3	2	A	95	0.85	4
Cisco Systems Inc	Telecom. Equipment	2	1	A	95	0.95	5
CNA Financial Corporation	Insurance (Prop/Cas.)	2	2	B	80	1.10	5
Cognizant Technology Solutions Corp	IT Services	2	2	A	80	1.05	3
Cooper Companies Inc	Med Supp Non-Invasive	2	2	A	85	0.95	3
Copart Inc	Retail Automotive	2	2	A	75	1.05	4
CoStar Group Inc	Information Services	3	2	A	80	0.95	3
CSG Systems International Inc	IT Services	3	3	B	85	0.75	5
CVS Caremark Corporation	Retail Store	1	2	A	80	0.90	3
Deere and Co	Heavy Truck & Equip	2	1	A	75	1.15	3
Dolby Laboratories Inc	Entertainment Tech	3	2	A	90	0.95	3
Donaldson Co	Machinery	3	2	A	80	1.15	3
Eli Lilly and Co	Drug	3	1	A	95	0.75	3
ESCO Technologies Inc	Diversified Co.	3	3	B	90	1.00	3
Estee Lauder Companies Inc	Toiletries/Cosmetics	2	2	A	90	0.90	3
Expeditors International of Washington	Industrial Services	2	1	A	95	0.95	3
Exponent Inc.	Information Services	3	3	B	90	0.85	4
F5 Networks	Telecom. Equipment	2	3	A	75	0.90	3
FactSet Research Systems Inc	Information Services	3	2	A	85	1.00	3
Fastenal Co	Retail Building Supply	2	2	A	80	0.95	3
First Republic Bank	Bank	1	3	B	80	1.00	3
Franklin Electric Co Inc	Electrical Equipment	3	3	A	75	1.00	3
Gartner Inc	Information Services	2	3	B	75	1.15	3
GATX Corp	Railroad	3	3	B	75	1.00	3
General Dynamics Corporation	Aerospace/Defense	2	1	A	85	1.15	3
Gentex Corp	Auto Parts	3	3	B	85	0.95	3
Goldman Sachs Group Inc	Investment Banking	2	2	A	80	1.15	3
Graco Inc	Machinery	2	2	A	90	1.05	4
Graphic Packaging	Packaging & Container	3	3	B	80	1.00	3
Hanover Insurance Group Inc	Insurance (Prop/Cas.)	3	2	B	95	0.95	3
Heartland Express Inc	Trucking	3	2	A	90	0.75	3
Hershey Company	Food Processing	3	1	A	95	0.85	3
Huntington Ingalls Industries Inc	Aerospace/Defense	3	3	B	75	1.05	4
IDEX Corporation	Machinery	3	2	B	95	1.05	3
IDEXX Laboratories Inc	Med Supp Non-Invasive	1	3	B	75	1.05	4
Integra LifeSciences Holdings Corporati	Med Supp Invasive	3	3	B	75	1.00	4
Intel Corporation	Semiconductor	2	1	A	80	0.85	4
Intercontinental Exch.	Brokers & Exchanges	3	2	A	95	0.90	4
International Business Machines Corp	Computers/Peripherals	3	1	A	90	1.05	4
Intuit Inc	Computer Software	2	2	A	85	1.00	3
Investors Bancorp Inc	Thrift	3	3	B	80	1.10	5
Iron Mountain Inc	Industrial Services	2	3	B	80	0.95	4
Jack Henry and Associates Inc	IT Services	2	1	A	95	0.85	3
JP Morgan Chase and Co	Bank	2	1	A	85	1.10	3
Juniper Networks Inc	Telecom. Equipment	2	2	A	80	1.00	5
Kadant Inc	Diversified Co.	3	3	B	75	1.05	3
Lindsay Corporation	Machinery	1	3	B	75	0.85	5
Littelfuse Inc	Electrical Equipment	3	3	B	75	1.10	3
Lockheed Martin Corp	Aerospace/Defense	2	1	A	90	0.95	3
ManTech International Corporation	IT Services	3	3	B	85	0.85	3
Markel Corp	Insurance (Prop/Cas.)	1	2	A	85	1.15	3
Masimo Corporation	Med Supp Non-Invasive	1	3	A	75	0.80	3
Mastercard Incorporated	Financial Svcs. (Div.)	2	1	A	90	1.05	3
MAXIMUS Inc	Industrial Services	2	2	A	85	0.80	3
McCormick and Co	Food Processing	2	1	A	95	0.85	3
Mercury General Corp	Insurance (Prop/Cas.)	3	3	B	75	0.95	5
Mettler Toledo International Inc	Precision Instrument	2	2	B	95	0.95	3
Monolithic Power Sys.	Semiconductor	3	3	A	75	1.00	4
Monster Beverage Corporation	Beverage	3	2	A	80	0.85	4
Moodys Corp	Information Services	3	3	B	80	1.15	3
MSCI Inc	Information Services	2	3	B	85	0.95	4
Nasdaq Inc.	Brokers & Exchanges	3	3	A	85	1.05	3
New York Times Co	Publishing	3	3	B	75	0.80	3
Nike Inc	Shoe	3	1	A	75	1.15	3
Northern Trust Corp	Bank (Midwest)	2	3	B	80	1.10	3
Northrop Grumman Corp Holding Co	Aerospace/Defense	2	1	A	90	0.85	3
Old National Bancorp	Bank (Midwest)	2	3	B	80	1.00	4
Old Republic International Corp	Insurance (Prop/Cas.)	2	3	B	80	1.15	4
Packaging Corp	Packaging & Container	2	2	A	80	1.00	3
Peoples United Financial Inc	Thrift	2	3	B	80	1.00	4
PerkinElmer Inc	Precision Instrument	1	2	B	90	0.95	3
Philip Morris International Inc	Tobacco	2	3	B	80	0.95	3
Plexus Corp	Electronics	3	3	B	75	1.05	3
Pool Corporation	Recreation	2	2	B	85	0.90	3
Post Holdings Inc	Food Processing	3	3	B	85	0.95	5
Progressive Corp.	Insurance (Prop/Cas.)	1	1	A	95	0.80	4
Rayonier Inc	Paper/Forest Products	3	3	B	85	1.05	3
Regal Beloit Corp	Machinery	3	3	B	75	1.15	3
RLI Corp	Insurance (Prop/Cas.)	3	2	B	95	0.75	3
Rollins Inc	Industrial Services	1	2	A	90	0.85	3
Roper Tech.	Machinery	3	1	A	95	1.00	3
RPM International Inc	Chemical (Specialty)	2	3	B	75	1.10	3
Selective Insurance Group Inc	Insurance (Prop/Cas.)	2	3	B	90	0.85	3
Sherwin Williams	Retail Building Supply	1	1	A	90	0.95	3
Starbucks Corporation	Restaurant	2	1	A	90	0.95	3
Stryker Corp	Med Supp Invasive	1	1	A	80	1.10	3
Synopsys Inc	Computer Software	1	1	A	90	0.95	4
Teledyne Technologies	Aerospace/Defense	2	3	A	80	1.15	3
Texas Instruments Incorporated	Semiconductor	3	1	A	95	0.85	3
The Travelers Companies Inc	Insurance (Prop/Cas.)	2	1	A	95	1.00	3
TJX Companies Inc	Retail (Softlines)	2	3	B	80	1.15	3
Toro Co	Machinery	2	2	B	90	1.05	3
Tractor Supply Co	Retail Building Supply	2	2	A	75	0.80	3
Transmission Holdings Inc	Auto Parts	3	3	B	80	1.10	4
Trimas Corporation	Diversified Co.	3	3	B	80	0.90	3
UniFirst Corp	Industrial Services	3	2	A	90	0.95	4
UnitedHealth Group	Medical Services	3	1	A	80	1.05	3
US Bancorp	Bank (Midwest)	3	2	A	85	1.15	4
Valmont Industries	Diversified Co.	3	2	A	80	1.05	3
VeriSign Inc	Internet	3	3	B	90	0.95	4
Visa Inc	Financial Svcs. (Div.)	3	1	A	95	1.00	3
Walt Disney Co	Entertainment	2	3	A	95	0.95	4
Waters Corp	Precision Instrument	2	2	A	90	0.95	4
Watts Water Technologies Inc	Machinery	3	2	B	95	1.00	3
West Pharmaceutical Services Inc	Med Supp Non-Invasive	1	2	A	85	0.80	3
Western Union Company	Financial Svcs. (Div.)	2	3	B	95	0.80	3
Wiley John and Sons Inc (Class A)	Publishing	2	3	B	85	0.90	5
Xylem Inc	Machinery	2	2	B	85	1.05	3
Yum Brands Inc	Restaurant	3	3	B	85	1.05	3
Zoetis Inc	Drug	3	2	B	90	1.00	3
Average		2	2	A	85	0.96	3
Electric Group	Average	3	2	A	87	0.90	4

Source of Information: Value Line Investment Survey for Windows, January 20021

Comparable Earnings Approach
Five -Year Average Historical Earned Returns
for Years 2015-2019 and
Projected 3-5 Year Returns

Company	2015	2016	2017	2018	2019	Average	Projected 2023-25
Abbott Laboratories	15.4%	16.0%	14.2%	16.8%	18.7%	16.2%	23.0%
Adobe Inc.	9.0%	15.7%	20.0%	27.7%	28.0%	20.1%	22.0%
Agilent Technologies	14.1%	15.4%	15.9%	19.9%	20.8%	17.2%	17.5%
Air Products and Chemicals Inc	19.7%	23.3%	13.7%	15.1%	16.5%	17.7%	18.5%
Alleghany Corp	7.4%	5.8%	1.1%	0.5%	9.8%	4.9%	6.5%
Allstate Corporation	10.6%	9.0%	11.0%	13.9%	12.8%	11.5%	14.0%
Altria Group Inc	182.0%	46.4%	42.5%	51.0%	NMF	80.5%	NMF
Amazon com	4.5%	12.3%	8.1%	23.1%	18.7%	13.3%	18.0%
AMERCO	21.7%	15.2%	9.0%	10.0%	7.0%	12.6%	6.5%
AMETEK Inc.	18.2%	16.5%	14.6%	18.3%	16.8%	16.9%	21.0%
Amgen Inc	28.3%	29.4%	36.5%	76.6%	93.3%	52.8%	59.5%
Analog Devices Inc	19.7%	18.6%	16.6%	20.4%	16.3%	18.3%	18.5%
ANSYS Inc	14.3%	14.6%	15.5%	19.4%	16.4%	16.0%	17.0%
Apple Inc	44.7%	35.6%	36.1%	55.6%	61.1%	46.6%	60.0%
Arthur J Gallagher and Company	9.8%	11.5%	11.3%	13.9%	12.8%	11.9%	14.0%
Balchem Corp.	12.9%	10.7%	14.6%	11.4%	10.7%	12.1%	17.5%
BancorpSouth Bank	7.7%	7.7%	8.9%	10.1%	8.7%	8.6%	8.0%
Bank of Hawaii	15.0%	15.6%	15.0%	17.3%	17.6%	16.1%	15.0%
Becton Dickinson and Company	20.7%	24.5%	16.0%	13.6%	15.2%	18.0%	20.0%
Bio Rad Laboratories Inc	4.5%	3.7%	2.2%	4.4%	3.7%	3.7%	5.5%
Bio-Techne Corp.	12.7%	11.9%	9.2%	9.8%	8.2%	10.4%	19.0%
Boston Scientific Corp	12.8%	15.8%	18.0%	17.7%	13.0%	15.5%	22.0%
Broadridge Fin'l	30.9%	29.4%	32.6%	46.1%	49.1%	37.6%	32.8%
Brown Forman Corp (Class B)	45.3%	48.8%	56.7%	50.7%	41.9%	48.7%	60.0%
CACI International Inc	8.5%	8.9%	9.1%	9.4%	11.2%	9.4%	11.0%
Cadence Design Systems Inc	24.8%	47.4%	39.7%	40.8%	29.4%	36.4%	22.0%
Carlisle Companies Inc	13.6%	15.6%	13.9%	13.8%	17.9%	15.0%	16.0%
Caseys General Stores Inc	20.9%	14.9%	11.2%	14.5%	16.1%	15.5%	15.0%
Cboe Global Markets	79.0%	58.4%	12.9%	13.1%	11.1%	34.9%	12.5%
Cerner Corp	19.1%	20.1%	16.8%	16.6%	20.0%	18.5%	20.0%
Charter Communic.	-	8.8%	1.5%	3.4%	5.3%	4.8%	18.5%
Chemed Corporation	21.5%	20.7%	26.1%	33.9%	31.7%	26.8%	28.5%
Cisco Systems Inc	19.0%	18.9%	18.2%	29.4%	41.1%	25.3%	32.5%
CNA Financial Corporation	4.4%	6.9%	7.5%	7.6%	8.0%	6.9%	11.5%
Cognizant Technology Solutions Corp	20.2%	19.3%	21.0%	23.4%	20.3%	20.8%	16.0%
Cooper Companies Inc	7.6%	10.1%	11.7%	10.3%	12.9%	10.5%	13.0%
Copart Inc	22.8%	33.0%	27.6%	26.3%	30.1%	28.0%	31.5%
CoStar Group Inc	4.3%	8.3%	5.8%	10.0%	11.0%	7.9%	11.0%
CSG Systems International Inc	18.7%	25.0%	17.9%	18.3%	20.9%	20.2%	22.0%
CVS Caremark Corporation	15.7%	17.2%	16.1%	12.7%	14.5%	15.2%	12.5%
Deere and Co	28.8%	23.4%	22.6%	27.1%	27.9%	26.0%	21.5%
Dolby Laboratories Inc	10.0%	9.4%	9.4%	12.6%	11.1%	10.5%	13.5%
Donaldson Co	26.9%	24.9%	26.6%	31.0%	29.9%	27.9%	28.5%
Eli Lilly and Co	25.1%	26.7%	39.1%	58.3%	NMF	37.3%	71.5%
ESCO Technologies Inc	7.1%	8.3%	8.6%	9.0%	9.9%	8.6%	9.5%
Estee Lauder Companies Inc	29.9%	31.2%	28.5%	36.2%	45.1%	34.2%	59.0%
Expeditors International of Washington Inc	27.0%	23.4%	22.7%	31.1%	26.9%	26.2%	28.0%
Exponent Inc.	16.6%	17.4%	14.3%	23.0%	23.5%	19.0%	30.0%
F5 Networks	27.7%	30.9%	34.2%	35.3%	24.3%	30.5%	19.0%
FactSet Research Systems Inc	45.3%	49.7%	46.1%	50.8%	52.5%	48.9%	43.5%
Fastenal Co	28.7%	25.8%	27.6%	32.7%	29.7%	28.9%	32.0%
First Republic Bank	9.2%	9.7%	9.7%	9.8%	9.4%	9.6%	9.5%
Franklin Electric Co Inc	13.2%	12.8%	12.5%	14.6%	12.3%	13.1%	12.5%
Gartner Inc	-	NMF	30.3%	41.1%	37.8%	36.4%	26.5%
GATX Corp	18.1%	17.6%	10.4%	11.2%	10.9%	13.6%	8.0%
General Dynamics Corporation	27.6%	27.9%	25.5%	28.6%	25.7%	27.1%	16.5%
Gentex Corp	18.5%	18.2%	18.0%	23.5%	21.9%	20.0%	25.0%
Goldman Sachs Group Inc	10.3%	8.5%	10.6%	11.6%	9.4%	10.1%	9.5%
Graco Inc	30.3%	35.2%	34.9%	43.6%	31.7%	35.1%	22.0%
Graphic Packaging	22.4%	21.6%	23.2%	11.9%	13.2%	18.5%	17.5%
Hanover Insurance Group Inc	9.8%	6.5%	6.8%	9.9%	11.4%	8.9%	10.0%
Heartland Express Inc	15.5%	11.1%	7.4%	11.8%	10.7%	11.3%	12.0%
Hershey Company	91.2%	NMF	NMF	80.8%	70.1%	80.7%	32.5%
Huntington Ingalls Industries Inc	27.1%	34.7%	27.2%	55.1%	36.5%	36.1%	19.5%
IDEX Corporation	18.7%	18.5%	17.9%	21.1%	19.6%	19.2%	21.5%
IDEXX Laboratories Inc	-	-	-	NMF	NMF	-	55.5%
Integra LifeSciences Holdings Corporation	13.6%	16.1%	15.9%	14.8%	16.8%	15.4%	21.0%
Intel Corporation	18.4%	19.6%	24.0%	28.8%	28.1%	23.8%	28.5%
Intercontinental Exch.	9.2%	10.6%	10.4%	12.1%	12.7%	11.0%	12.0%
International Business Machines Corp	93.7%	65.1%	72.8%	75.4%	54.9%	72.4%	26.5%
Intuit Inc	31.7%	86.5%	84.9%	62.2%	47.5%	62.6%	25.5%
Investors Bancorp Inc	5.5%	6.2%	5.7%	7.7%	7.5%	6.5%	8.5%
Iron Mountain Inc	49.9%	13.7%	13.3%	16.8%	20.0%	22.7%	42.0%
Jack Henry and Associates Inc	21.3%	25.0%	23.8%	22.3%	19.0%	22.3%	24.0%
JP Morgan Chase and Co	9.9%	9.7%	10.4%	12.7%	13.9%	11.3%	10.0%
Juniper Networks Inc	14.1%	12.9%	17.3%	13.8%	13.0%	14.2%	30.0%
Kadant Inc	13.1%	12.2%	15.3%	16.3%	14.4%	14.3%	11.5%
Lindsay Corporation	9.1%	11.4%	8.6%	11.4%	5.8%	9.3%	12.5%
Littelfuse Inc	11.1%	17.5%	19.1%	16.1%	11.3%	15.0%	16.5%
Lockheed Martin Corp	NMF	NMF	-	NMF	NMF	-	45.0%
ManTech International Corporation	4.3%	4.5%	4.7%	5.9%	7.6%	5.4%	9.0%
Markel Corp	6.0%	4.4%	0.6%	NMF	16.2%	6.8%	6.0%
Masimo Corporation	30.2%	21.5%	24.2%	20.0%	16.8%	22.5%	15.5%
Mastercard Incorporated	63.2%	71.8%	89.5%	126.0%	134.7%	97.0%	27.0%
MAXIMUS Inc	25.8%	23.8%	22.3%	20.4%	19.3%	22.3%	25.0%
McCormick and Co	26.9%	29.7%	21.4%	20.9%	20.8%	23.9%	17.0%
Mercury General Corp	7.1%	5.4%	5.1%	6.2%	8.0%	6.4%	14.5%
Mettler Toledo International Inc	60.8%	88.4%	81.9%	83.6%	NMF	78.7%	NMF
Monolithic Power Sys.	9.5%	12.2%	15.1%	16.4%	14.1%	13.5%	23.0%
Monster Beverage Corporation	13.4%	21.4%	20.0%	27.5%	26.6%	21.8%	33.5%
Moodys Corp	-	-	-	NMF	NMF	-	27.5%
MSCI Inc	25.5%	82.1%	75.8%	NMF	NMF	61.1%	NMF
Nasdaq Inc.	10.4%	11.4%	11.7%	14.9%	14.8%	12.6%	11.0%
New York Times Co	7.7%	3.7%	0.5%	12.1%	11.9%	7.2%	20.5%
Nike Inc	25.8%	30.7%	34.2%	40.5%	44.6%	35.2%	70.0%
Northern Trust Corp	11.2%	10.6%	11.2%	14.8%	13.5%	12.3%	11.5%
Northrop Grumman Corp Holding Co	36.0%	41.8%	28.6%	39.4%	40.9%	37.3%	19.5%
Old National Bancorp	7.8%	7.4%	6.0%	7.1%	8.4%	7.3%	8.5%
Old Republic International Corp	9.4%	9.4%	7.4%	10.9%	9.1%	9.2%	13.0%
Packaging Corp	26.7%	25.5%	25.0%	27.6%	22.7%	25.5%	20.0%
Peoples United Financial Inc	5.5%	5.5%	5.7%	7.2%	6.5%	6.1%	7.0%
PerkinElmer Inc	13.7%	13.3%	12.9%	15.6%	16.3%	14.4%	25.5%
Philip Morris International Inc	NMF	NMF	NMF	NMF	NMF	-	NMF
Plexus Corp	11.4%	9.9%	10.9%	11.9%	12.3%	11.3%	12.0%
Pool Corporation	50.2%	72.6%	74.9%	NMF	63.8%	65.4%	60.0%
Post Holdings Inc	1.8%	7.2%	7.6%	10.1%	12.7%	7.9%	11.5%
Progressive Corp.	15.2%	11.8%	16.7%	27.2%	23.1%	18.8%	22.5%
Rayonier Inc	3.4%	15.0%	9.3%	6.6%	4.1%	7.7%	15.0%
Regal Beloit Corp	12.4%	10.0%	9.1%	11.4%	9.9%	10.6%	11.5%
RLI Corp	13.6%	11.3%	8.7%	11.4%	11.8%	11.4%	15.0%
Rollins Inc	29.0%	29.4%	29.2%	32.5%	24.9%	29.0%	35.5%
Roper Tech.	12.8%	11.4%	11.0%	15.9%	14.4%	13.1%	12.0%
RPM International Inc	25.0%	25.8%	23.2%	24.2%	25.9%	24.8%	25.0%
Selective Insurance Group Inc	11.2%	10.6%	10.8%	12.2%	12.0%	11.4%	11.5%
Sherwin Williams	NMF	60.3%	38.7%	47.1%	47.9%	48.5%	38.5%
Starbucks Corporation	41.1%	48.2%	55.2%	NMF	NMF	48.2%	NMF
Stryker Corp	16.9%	17.2%	18.6%	23.7%	24.5%	20.2%	20.0%
Synopsys Inc	14.0%	14.6%	16.4%	17.2%	17.2%	15.9%	22.5%
Teledyne Technologies	14.6%	12.3%	11.9%	15.0%	14.8%	13.7%	12.0%
Texas Instruments Incorporated	30.0%	34.3%	42.9%	62.0%	56.3%	45.1%	37.0%
The Travelers Companies Inc	14.5%	12.8%	8.6%	11.0%	9.8%	11.3%	11.5%
TJX Companies Inc	52.9%	52.0%	48.5%	60.6%	55.0%	53.8%	30.0%
Toro Co	43.6%	42.0%	43.4%	40.7%	31.9%	40.3%	35.5%
Tractor Supply Co	29.5%	30.1%	30.1%	34.1%	36.0%	32.0%	35.0%
Transmission Holdings Inc (Allison)	15.3%	19.9%	50.7%	NMF	77.3%	40.8%	61.0%
Trimas Corporation	10.7%	11.6%	11.8%	13.1%	9.5%	11.3%	14.0%
UniFirst Corp	10.0%	8.5%	7.4%	10.2%	10.0%	9.2%	7.5%
UnitedHealth Group	17.2%	20.4%	20.8%	24.5%	25.3%	21.6%	26.0%
US Bancorp	12.9%	12.4%	12.4%	13.9%	13.3%	13.0%	10.0%
Valmont Industries	4.4%	18.4%	14.2%	16.1%	13.8%	13.4%	12.5%
VeriSign Inc	-	-	-	-	-	-	NMF
Visa Inc	21.6%	20.8%	25.4%	30.3%	34.8%	26.6%	35.0%
Walt Disney Co	18.8%	21.7%	21.7%	25.8%	11.7%	19.9%	11.5%
Waters Corp	22.8%	22.7%	27.0%	39.9%	NMF	28.1%	36.0%
Watts Water Technologies Inc	12.0%	12.5%	12.5%	14.4%	14.2%	13.1%	14.0%
West Pharmaceutical Services Inc	9.3%	12.9%	11.8%	14.8%	15.4%	12.8%	18.0%
Western Union Company	59.6%	91.4%	NMF	NMF	NMF	75.5%	NMF
Wiley John and Sons Inc (Class A)	15.3%	17.4%	16.6%	14.2%	NMF	15.9%	13.0%
Xylem Inc	16.1%	11.9%	17.1%	18.9%	18.5%	16.5%	16.0%
Yum Brands Inc	NMF	-	-	-	-	-	NMF
Zoetis Inc	83.2%	65.4%	66.8%	69.8%	64.8%	70.0%	46.5%
Average						23.8%	22.4%
Median						17.2%	18.5%
Average (excluding companies with values >20%)						12.2%	13.0%

Comparable Earnings Approach
Screening Parameters

Timeliness Rank

The rank for a stock's probable relative market performance in the year ahead. Stocks ranked 1 (Highest) or 2 (Above Average) are likely to outpace the year-ahead market. Those ranked 4 (Below Average) or 5 (Lowest) are not expected to outperform most stocks over the next 12 months. Stocks ranked 3 (Average) will probably advance or decline with the market in the year ahead. Investors should try to limit purchases to stocks ranked 1 (Highest) or 2 (Above Average) for Timeliness.

Safety Rank

A measure of potential risk associated with individual common stocks rather than large diversified portfolios (for which Beta is good risk measure). Safety is based on the stability of price, which includes sensitivity to the market (see Beta) as well as the stock's inherent volatility, adjusted for trend and other factors including company size, the penetration of its markets, product market volatility, the degree of financial leverage, the earnings quality, and the overall condition of the balance sheet. Safety Ranks range from 1 (Highest) to 5 (Lowest). Conservative investors should try to limit purchases to equities ranked 1 (Highest) or 2 (Above Average) for Safety.

Financial Strength

The financial strength of each of the more than 1,600 companies in the VS II data base is rated relative to all the others. The ratings range from A++ to C in nine steps. (For screening purposes, think of an A rating as "greater than" a B). Companies that have the best relative financial strength are given an A++ rating, indicating ability to weather hard times better than the vast majority of other companies. Those who don't quite merit the top rating are given an A+ grade, and so on. A rating as low as C++ is considered satisfactory. A rating of C+ is well below average, and C is reserved for companies with very serious financial problems. The ratings are based upon a computer analysis of a number of key variables that determine (a) financial leverage, (b) business risk, and (c) company size, plus the judgment of Value Line's analysts and senior editors regarding factors that cannot be quantified across-the-board for companies. The primary variables that are indexed and studied include equity coverage of debt, equity coverage of intangibles, "quick ratio", accounting methods, variability of return, fixed charge coverage, stock price stability, and company size.

Price Stability Index

An index based upon a ranking of the weekly percent changes in the price of the stock over the last five years. The lower the standard deviation of the changes, the more stable the stock. Stocks ranking in the top 5% (lowest standard deviations) carry a Price Stability Index of 100; the next 5%, 95; and so on down to 5. One standard deviation is the range around the average weekly percent change in the price that encompasses about two thirds of all the weekly percent change figures over the last five years. When the range is wide, the standard deviation is high and the stock's Price Stability Index is low.

Beta

A measure of the sensitivity of the stock's price to overall fluctuations in the New York Stock Exchange Composite Average. A Beta of 1.50 indicates that a stock tends to rise (or fall) 50% more than the New York Stock Exchange Composite Average. Use Beta to measure the stock market risk inherent in any diversified portfolio of, say, 15 or more companies. Otherwise, use the Safety Rank, which measures total risk inherent in an equity, including that portion attributable to market fluctuations. Beta is derived from a least squares regression analysis between weekly percent changes in the price of a stock and weekly percent changes in the NYSE Average over a period of five years. In the case of shorter price histories, a smaller time period is used, but two years is the minimum. The Betas are periodically adjusted for their long-term tendency to regress toward 1.00.

Technical Rank

A prediction of relative price movement, primarily over the next three to six months. It is a function of price action relative to all stocks followed by Value Line. Stocks ranked 1 (Highest) or 2 (Above Average) are likely to outpace the market. Those ranked 4 (Below Average) or 5 (Lowest) are not expected to outperform most stocks over the next six months. Stocks ranked 3 (Average) will probably advance or decline with the market. Investors should use the Technical and Timeliness Ranks as complements to one another.

PECO ENERGY COMPANY
STATEMENT NO. 6

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: TAMARA J. JAMISON

SUBJECT: CLASS COST-OF-SERVICE STUDY

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
TAMARA J. JAMISON

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your full name and business address.

A. My name is Tamara J. Jamison. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, Pennsylvania 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as Manager, Revenue Policy.

3. Q. Please describe your educational background.

A. I received a Bachelor's degree in Business Administration with a concentration in Accounting from Georgetown University. I am also a Certified Public Accountant in Pennsylvania.

4. Q. Please describe your work experience with the energy industry.

A. Upon graduation from Georgetown University, I worked in Deloitte's Assurance and Advisory practice. I was hired by PECO as a Senior Accountant in 2006. I was promoted to a Principal Revenue Accountant in 2008. In 2013, I was promoted to a Senior Manager in Finance. I was appointed Manager of Revenue Policy in PECO's Regulatory Strategy and Revenue Policy Division in 2020. In that capacity, I am responsible for managing certain regulatory filings, audits,

and specific segments of larger regulatory proceedings, including evaluating, analyzing and supporting the Company's requests for changes in revenue related to its regulated electric distribution and transmission businesses and its gas distribution business. I am also responsible for providing expert testimony and coordinating the preparation of testimony by other witnesses on behalf of the Company with respect to various regulatory issues.

5. Q. Have you prepared any exhibits to accompany your testimony?

A. Yes. PECO Exhibits TJJ-1 to TJJ-9 were prepared and are described in detail in my testimony.

6. Q. Please describe the purpose of your testimony?

A. I will explain the cost of service principles underlying the unbundled, fully allocated class cost-of-service study ("COSS") that I performed, the methods and procedures employed to perform such study and the results produced by the COSS.

7. Q. How is your testimony organized?

A. My testimony is divided into four parts. First, I provide some background information, identify the exhibits that I am sponsoring, and summarize the results of the COSS. Second, I introduce and discuss the COSS methodology. Third, I explain the development of the revenue requirement for each rate class. Fourth, I present the results of the COSS in detail and discuss the contents of the exhibits.

II. BACKGROUND INFORMATION AND SUMMARY OF COST-OF-SERVICE STUDY RESULTS

8. Q. What is the total revenue requirement you used to prepare PECO's COSS?

A. I used the total distribution revenue requirement for the fully projected future test year ("FPFTY") developed in PECO Exhibit MJT-1, which is sponsored by PECO witness Michael J. Trzaska and discussed in Mr. Trzaska's direct testimony (PECO Statement No. 3). The total distribution revenue requirement for the FPFTY is $1.672 billion (PECO Exhibit TJJ-1, line 64) excluding costs recovered under PECO's Generation Supply Adjustment ("GSA")[1] and Transmission Service Charge ("TSC")[2] and $2.581 billion (PECO Exhibit TJJ-1, line 114) including costs recovered under the GSA and TSC. The total distribution revenues and distribution revenues by customer class for the FPFTY under existing rates that are used in the COSS were also obtained from PECO Exhibit MJT-1.

9. Q. Please identify the exhibits that accompany your direct testimony.

A. The exhibits identified below accompany my testimony and are discussed in greater detail in Section IV of my testimony.

[1] The GSA is the reconcilable rate adjustment that recovers, on a bypassable basis, the costs PECO incurs to provide default service to customers that do not obtain generation from an electric generation supplier.

[2] The TSC is the reconcilable rate adjustment that recovers charges for network transmission service incurred by PECO on a bypassable basis from PECO's default service customers. PJM Interconnection, L.L.C. ("PJM") furnishes network transmission service to PECO pursuant to the PJM Open Access Transmission Tariff.

PECO Exhibit TJJ-1	Summary of Results
PECO Exhibit TJJ-2	Total Class Allocation - Revenue Requirement by Rate Class
PECO Exhibit TJJ-3	Revenue Requirement by Functional Classification
PECO Exhibit TJJ-4	Unitized Functionally Classified Revenue Requirement
PECO Exhibit TJJ-5	Customer-Related Revenue Requirement and Customer Charge
PECO Exhibit TJJ-6	Night Service Rider-Related Costs
PECO Exhibit TJJ-7	Development of External Allocation Factors
PECO Exhibit TJJ-8	Development of Unbundled Cash Working Capital Rate for the Generation Supply Adjustment
PECO Exhibit TJJ-9	Development of Unbundled Cash Working Capital Rate for the Transmission Service Charge

10. Q. Please summarize the results of the COSS as they pertain to changes in rates proposed in PECO's filing.

A. The results of the COSS and my conclusions based on those results are as follows:

1. The current tariff rates produce the net income by rate class shown on line 16 of PECO Exhibit TJJ-1,[3] which yields the rates of return on rate base shown on line 25 of that exhibit. The table below summarizes these results.

[3] Please note that the line numbering is continuous across pages 1-3 of PECO Exhibit TJJ-1. I will refer to the line numbers in PECO Exhibit TJJ-1 without page references.

Rate Class	ROR	Ratio to Average ROR
R	4.49%	0.89
RH	4.96%	0.98
GS	5.91%	1.17
PD	5.72%	1.13
HT	5.78%	1.14
EP	7.48%	1.48
Lighting	8.65%	1.71
Average	5.05%	

2. PECO's total distribution revenue requirement for the FPFTY has been allocated or assigned among the rate classes based on the results of the COSS. The results of the COSS are summarized on pages 1-3 of PECO Exhibit TJJ-1, which show the total distribution revenue requirement separately for Distribution, Transmission, and Purchased Power costs.

3. The increases or (decreases) in revenue by rate class needed to produce rates of return by class equal to the Company's proposed overall rate of return are shown on line 120 of page 3 of PECO Exhibit TJJ-1. The increases or (decreases) in revenue shown on line 120 are shown separately for Distribution base rates (line 70) and the working capital revenue requirement recovered in the TSC (line 95) and in the GSA (line 83) on page 2 of PECO Exhibit TJJ-1. While the summary on pages 1-3 of PECO Exhibit TJJ-1 shows the rate increases or decreases necessary to move each class to the system average rate of return, the Company is not proposing rates that will take all classes to their

indicated cost of service at this time, as explained in the direct testimony of Joseph A. Bisti in PECO Statement No. 7.

III. PECO'S CLASS COST-OF-SERVICE STUDY

11. Q. Briefly describe the purpose of a class COSS.

A. The purpose of a COSS is to determine the cost to serve, expressed as revenue requirement, for each rate class served by a utility. The revenue requirement for a rate class is that portion of a utility's total cost of service attributed to that rate class in accordance with principles of cost causation. In a COSS, all of the utility's costs of providing service must be analyzed and assigned or allocated among the rate classes. The COSS is used, along with other factors, as discussed in more detail by Mr. Bisti, to design rates that fully recover the utility's costs.

12. Q. What are the guiding principles for performing a class COSS?

A. The central element in performing a COSS is the determination of allocation factors based on causal relationships between, on the one hand, customer demands, load profiles, and usage characteristics, and, on the other hand, the costs incurred by the Company to meet customers' service requirements imposed by those demands, load profiles, and usage characteristics. The primary goals in selecting allocation factors are:

1. The appropriate recognition of cost causality;
2. The stability of study methods and their consistent application over time, so that trends in the direction of class revenues relative to cost of service can be discerned properly from case to case; and
3. Completeness, such that the COSS captures all the costs that each class imposes on the distribution system.

13. Q. What rate classes are included in the PECO COSS?

A. The rate classes included in the PECO COSS are Residential (rate R), Residential Heating (rate RH), General Service (rate GS), Primary Distribution (rate PD), High Tension (rate HT), Electric Propulsion (rate EP), and Lighting. In the COSS, all the Lghting rate schedules in PECO's current tariff are combined into a single Lighting class, because their cost and usage characteristics are very similar. The separate classes consist of Private Outdoor Lighting (POL), Street Lighting-Suburban (SL-S), Street Lighting-Customer-Owned (SL-E), Traffic Lighting Constant Load Service (TLCL), Alley Lighting (AL), and Smart Lighting Control (SL-C).

For customers participating in PECO's Customer Assistance Program ("CAP"), the current CAP Residential (CAP-R) rate class is combined with the Residential class, because their usage characteristics are the same, and CAP-R rates are designed with reference to Residential rates. For the same reasons, the current CAP Residential Heating (CAP-RH) rate class is combined with the Residential Heating class.

14. Q. Please summarize the approach you used in preparing PECO's COSS.

A. As I previously explained, the most critical task in performing any COSS is establishing relationships between customer demands, load profiles, and usage characteristics, and the costs incurred to meet those customer requirements. This requires an understanding of the design of the utility's distribution system and how that design relates to the characteristics of the customers it is designed to serve.

PECO, like most electric utilities, designs its electric distribution system to meet three primary objectives:

1. Connect all customers to the grid;

2. Deliver sufficient electricity to meet the aggregate peak demand for electricity of all delivery customers whenever those peaks occur; and

3. Ensure that electricity is delivered to customers safely and reliably throughout the year.

The allocation methods used in a COSS must take into account the objectives that the distribution system is designed to achieve so that the allocation of plant investment and operating expenses properly aligns with cost-causation factors such as the need to connect all customers to the distribution system and to meet class peak demands whenever they occur. Other factors, such as incentives to influence customer behavior (e.g., conservation or demand reduction) or to

temper the impact on customers of rate changes, are more appropriately considered in the revenue allocation and rate design phase.

The PECO COSS I prepared was performed using the proprietary Electric Cost of Service Model ("Model") developed by Management Applications Consulting, Inc., which employs a Microsoft Excel platform. The Model facilitates the preparation of the COSS, accelerates computations, and develops appropriate documentation. The Model uses a three-step process to allocate or assign costs to rate classes, in accordance with general cost of service principles. These three steps consist of: (1) functionalizing rate base and costs to determine the particular rate schedules that should share responsibility for each of those assets and costs; (2) classifying functionalized costs into demand-related, energy-related, and customer-related cost categories to facilitate allocating such costs to rate schedules in accordance with identifiable characteristics; and (3) allocating the functionalized, classified costs among rate classes. The Model provides functionalized, classified cost information by rate class, develops unbundled revenue requirements by functional classification and in total for each rate class, and calculates unit costs.

15. Q. Please describe the functions included in the COSS.

A. The COSS includes the following functions:

Energy: The Energy function includes purchased power and related costs incurred by the Company, which are recovered under its GSA, which applies to default service.

Transmission: The Transmission function includes costs associated with the Company's bulk transmission system, which is designed to move power from generation sources to the primary distribution system and operates at voltages of 69 kV and above. These costs are generally recovered in the TSC and the Non-Bypassable Transmission Rider ("NBT").[4] The working capital included in this function only applies to the bypassable portion of the TSC cost.

Primary Distribution High Tension ("Primary HT"): This function includes costs associated with moving power from the transmission system to the Primary Distribution system, including substations that transform power from 69 kV to 34 kV or 13 kV and from 34 kV to 13 kV, conductors operating primarily at voltages between 13 kV and 34 kV, and related assets. This includes some facilities operating at voltages of 69 kV and above that are distribution facilities.

Primary Distribution ("Primary"): This function includes costs associated with moving power from the Primary HT system to the primary distribution system, including transformers that reduce voltage from 13 kV to 4 kV or 2.4 kV, conductors operating at voltages between 2.4 kV and 4 kV, and related assets.

Secondary Distribution Customer and Demand ("Secondary Distribution"): This function includes costs associated with moving power from the Primary

[4] The NBT is the reconcilable rate adjustment that recovers PJM charges for Regional Transmission Expansion Plan ("RTEP"), Expansion Cost Recovery, and certain Generation Deactivation / Reliability Must Run charges on a non-bypassable basis from all of PECO's distribution customers.

system to customers' premises, including costs related to conductors operating at secondary voltage.

Distribution Transformers: This function includes the secondary transformers that reduce the voltage from primary power levels to levels at which secondary voltage customers receive service.

Meters: This function includes the cost to meter customers' usage and demand.

Services: This function includes the investment in, and operating and maintenance expenses related to, the service lines from the Company's distribution conductors to customer locations.

Customer Accounts: This function includes the cost of customer billing and records, the call center, collection of customer accounts, and uncollectible accounts.

Customer Service: This function includes costs incurred to provide energy efficiency education, educational advertising, and conservation-related service.

Customer Other: This function includes costs not included elsewhere, such as street lighting and customer deposits.

16. Q. Please describe the classification step of a COSS.

A. In the classification step, the previously functionalized assets and costs are separated into customer, energy, or demand classifications according to the system design or operating characteristics that cause those costs to be incurred.

Customer-related costs are the expenditures made to attach a customer to the distribution system, to meter usage, and to maintain the customer's account. Customer costs are a function of the number of customers served and continue to be incurred whether or not a customer uses any electricity. This classification includes capital costs associated with poles, wires, services, and meters and operating expenses incurred for customer service, field service, billing, and accounting and related activities.

Energy-related costs are those that vary with the quantity of electricity sold to, or transported for, customers. These costs include purchased power costs and related costs.

Demand-related or capacity-related costs are those expenditures associated with plant that is designed, installed, and operated to meet peak usage. Distribution assets are designed to meet the peak loads of the customers they serve at a localized level. Such localized loads exhibit far less diversity than the aggregation of such localized loads that occurs at the bulk transmission and generation levels. Accordingly, the costs of demand-related distribution assets are allocated among the rate classes based upon their respective class non-coincident peak ("NCP") demands (i.e., the peak electricity demand of each rate class, not necessarily coincident with each other or with the system peak).

17. Q. Do all expenses fit neatly into one of these three classifications?

A. Many costs do fit neatly into one of the three classifications, but some costs must be assigned between two classifications based upon special studies or based upon

how related costs have been classified. Special studies, such as a minimum size study, are sometimes used to classify poles, conductors, and transformers between customer-related and demand-related investment. A special study was not performed in this case because investment related to such plant operating at secondary voltage was considered to be customer-related and investment in plant operating at primary voltage was considered to be demand-related and, therefore, such plant was classified as customer and demand, respectively.

18. Q. Please describe the class allocation step of a COSS.

A. In the class allocation step, costs that have been functionalized and classified are allocated among the rate classes based on appropriate causal relationships. The allocation phase takes into account the design of the utility system and how it is operated; cost data derived from the utility's accounting records; and usage and load data both for the system overall and for specific customer classes. Based on analyses of the relationship between costs and the factors driving the need to incur such costs, each component of the revenue requirement is either directly assigned to a rate class or an allocator is selected to apportion that component among rate classes.

19. Q. Please explain the term "direct assignment."

A. The term "direct assignment" means identifying specific plant investments or specific expenses incurred exclusively to serve a specific customer or group of customers. Direct assignments reflect a direct causal connection between costs to

serve and the customers being served. Therefore, if data are available to make a direct assignment, it is generally the preferred approach.

20. Q. Can significant portions of a utility's assets and expenses generally be directly assigned in a COSS?

A. No, most costs must be allocated. Utility service is generally provided to customers by facilities that are used, and expenses that are incurred, in common by all, or many, classes of customers. In addition, even in instances where it might be possible to associate specific physical facilities with particular customers, the detailed cost information needed to make a direct assignment may not be reasonably available.

21. Q. Please explain how allocation factors are determined.

A. External and internal allocation factors are typically used to perform a COSS and, consequently, were employed in the Model. External allocators distribute costs in proportion to customers' use of plant and services represented by functionalized and classified costs. Examples of external allocators are kWh deliveries (for energy-related costs), number of customers (for customer-related costs) and class NCP demands (distribution demand-related costs). PECO Exhibit TJJ-7 shows the development of the main external allocators. Internal allocators are based on some combination of external allocators, directly assigned costs and other internal allocators. For example, property insurance costs are allocated in proportion to the plant investment allocated or assigned to each rate class, while plant investment itself is allocated on the basis of one or more external allocation

factors (e.g., NCP demand for demand-related plant costs and customer counts for customer-related plant costs).

22. Q. What is the source of the total rate base amount being allocated or assigned to customer classes in the PECO COSS?

A. The total rate base amount employed in the PECO COSS is $6.386 billion (PECO Exhibit TJJ-1, line 103) and is derived from PECO Exhibit MJT-1, page 1.

23. Q. What are the major components of PECO's rate base?

A. For purposes of discussing how I functionalized, classified and allocated rate base in the PECO COSS, I will refer to the following components of rate base:

- Intangible plant
- Distribution plant
- General plant
- Depreciation reserve
- Other rate base items

24. Q. How did you functionalize, classify, and allocate each component of the rate base among the rate classes?

A. The principal allocators for each component of the rate base are discussed below:

Intangible plant represents the costs of franchises and consents and other intangible assets. It was functionalized, classified, and allocated in proportion to distribution plant (i.e., excluding plant serving the Energy and Transmission

functions) with the exception of a portion of the total that is associated with Advanced Meter Infrastructure ("AMI"). Intangible AMI system costs, which consist of the software necessary to operate the AMI system and to interface with other systems such as billing, were classified as customer-related and allocated based on the cost of meters.

Distribution plant allocators were developed for specific subcategories of distribution plant, as follows:

- Land and land rights, stations, and structures and improvements were functionalized to Primary HT, classified as demand, and allocated among the rate classes based on their respective class NCP demands at the Primary HT level.
- Poles, towers and fixtures, overhead conductors and devices, underground conduit, and underground conductors and devices were functionalized between Primary HT/Primary, on one hand, and Secondary Distribution, on the other, based on a detailed study of the respective costs, as shown in PECO Exhibit TJJ-7 at page 3. The Primary HT/Primary portion was split between Primary HT and Primary based on a study of the respective wire miles of conductors in each function (*see* PECO Exhibit TJJ-7, p. 5). Costs identified as Primary HT and Primary were classified as demand-related and allocated among the rate classes based on their respective NCP demands at the Primary HT and Primary voltage levels, respectively (*see* PECO Exhibit TJJ-7, p. 15). Costs identified as Secondary

Distribution were classified as customer-related and allocated based on the number of customer locations served.

- Line transformers were functionalized to Secondary Distribution and allocated among the rate classes based on NCP demands at secondary voltage (*see* PECO Exhibit TJJ-7, p. 4).
- Services connect individual customers to the system and, therefore, were functionalized to their own category, classified as customer-related, and allocated based on the estimated total replacement cost of all services in each rate class (*see* PECO Exhibit TJJ-7, p. 6). The total replacement cost of services for a rate class was estimated by multiplying the estimated replacement cost of a single service for a member of the class by the number of customer locations in the class.
- Meters were functionalized to their own category, classified as customer-related, and directly assigned based on the cost of new AMI meters installed pursuant to PECO's Smart Meter Universal Deployment Plan, which was approved by the Pennsylvania Public Utility Commission ("Commission") on August 15, 2013 at Docket No. M-2009-2173944.
- Street lighting and signal systems were functionalized to Customer Other, classified as customer-related, and directly assigned to Lighting.

General plant includes primarily structures and improvements relating to administrative activities, tools, and communications equipment, as well as other

miscellaneous assets. These assets were functionalized, classified and allocated among rate classes based on the direct labor component of operating expenses, which reflects the nature of the assets and common cost-of-service practices for this type of property.

Depreciation reserve was provided by PECO by each asset account. Each component of the depreciation reserve was functionalized, classified, and allocated among rate classes in the same ratio as the related assets.

Other rate base items include primarily materials and supplies, accumulated deferred income taxes, customer deposits, common plant, customer advances for construction, working capital, and pension and other post-retirement benefit ("OPEB") assets, as discussed below:

- Materials and supplies were functionalized, classified, and allocated among rate classes in proportion to plant in service.
- Accumulated deferred income taxes were functionalized, classified, and allocated among rate classes in proportion to plant in service.
- Customer deposits were directly assigned to rate classes based on information provided by Mr. Trzaska (*see* PECO Exhibit TJJ-7, page 8).
- Common plant consists of assets similar to those customarily found in General Plant and, therefore, was functionalized, classified, and allocated among rate classes based on the direct labor component of operating expenses.

- Customer advances were functionalized to Distribution and Secondary Distribution, classified as demand and customer-related, and allocated among the rate classes in the same proportion as Distribution and Secondary Distribution assets.
- Working capital represents PECO's need for cash to keep the business running until revenues are collected to pay the costs of providing service. Working capital was calculated based on the results of the lead-lag study prepared by Mr. Trzaska and described in PECO Statement No. 3. Also, working capital was directly assigned to Energy and Transmission based on the results of that lead-lag study. The balance of working capital was functionalized, classified, and allocated to each rate class using methodologies consistent with the nature of the underlying cost.
- The pension asset and OPEB Accumulated Deferred Tax Asset, which are discussed by Mr. Trzaska in PECO Statement No. 3, are directly related to employees and, therefore, were functionalized, classified, and allocated among rate classes based on the direct labor component of operating expenses.

25. Q. What are the major categories of PECO's expenses?

A. The major expense categories in PECO's cost of service are:

- Distribution operating and maintenance expenses;
- Customer accounts and customer service expenses;

- Administrative and general expenses;
- Depreciation expense;
- Taxes other than income taxes; and
- Income taxes

26. Q. In determining how to treat these expenses in the COSS, was there another important grouping of expenses that had to be considered?

A. Yes, there was. Labor costs affect each of the first three categories identified above. Consequently, certain cost categories are allocated based on direct labor costs. For example, Account 920 – Administrative and General Salaries is allocated among rate classes based on the composite allocation of direct labor costs included in all operating expense accounts. Likewise, employee benefits are allocated using a labor allocator. In order to develop such allocators, the direct labor costs included in each expense account were obtained from data assembled by Mr. Trzaska.

27. Q. What do PECO's distribution operating and maintenance expenses include and how were these expenses functionalized, classified, and allocated among rate classes?

A. PECO's distribution system consists principally of substations; poles, towers and fixtures; overhead and underground conductors and related equipment; meters; line transformers; outdoor lighting plant; and other miscellaneous assets. Operating and maintenance expenses were analyzed to determine the assets they

were incurred to operate or maintain and, therefore, were functionalized, classified, and allocated among rate classes in the same manner as the assets to which they relate. The COSS also includes costs of purchased power and transmission costs paid to PJM that are recovered through the GSA, TSC, and NBT charges. Purchased power costs were functionalized as Energy, classified as energy-related, and allocated based on projected default service prices and MWh of generation energy revenue in the budget. Transmission-related costs were functionalized as Transmission and assigned among rate classes based on their contributions to the single coincident peak. In addition to the expenses of operating and maintaining PECO's distribution system, distribution expenses include the following:

- **Customer-installation expenses**: These expenses relate to field investigations, high-bill complaints, and potential and actual energy theft, and were allocated based on number of customers.
- **Miscellaneous distribution expenses and rents**: These expenses relate to information technology ("IT") and other expenses associated with all distribution assets. Accordingly, they were functionalized, classified, and allocated among rate classes in proportion to total distribution plant.

28. Q. What do PECO's customer accounts and customer service expenses include and how were those expenses functionalized, classified, and allocated among the rate classes?

A. Customer accounts and customer service expenses primarily include meter-reading expenses, customer records and collection expenses, uncollectible accounts expense, miscellaneous customer accounts expense, customer-assistance expense, and sales expense. These costs were functionalized to Customer Accounts, classified as customer-related, and allocated as follows:

- **Meter reading expenses** have been supplanted by the new AMI system expenses except for some minor expenses.

- **Customer records and collection expenses** relate to billing, call center operations, payment processing, arrearage recoveries, support for administering PECO's CAP program, and termination and restoration of service. The account was analyzed in detail, discrete functions were identified, and expenses related to each function were allocated among rate classes using an appropriate allocation factor (*see* PECO Exhibit TJJ-7, p. 9**)**. For example, expenses incurred for billing activities were allocated based on number of bills, and call center costs were allocated based on number of customers. A single customer allocation could not be used because some costs are specific to residential customers while others are specific to commercial and

industrial customers; therefore, a weighted allocator, based upon the analysis discussed above, was used for this account.

- **Uncollectible accounts expense**, or bad debt expense, was allocated among rate classes based on the Company's experience over a historic three-year period (2018-2020) (*see* PECO Exhibit TJJ-7, p. 12).

- **Miscellaneous customer accounts expense** includes IT support for the other customer account functions and was allocated among rate classes based on number of customers.

- **Customer assistance expense** comprises expenses incurred for the Low Income Usage Reduction Program and marketing. Costs specific to the residential class were allocated to Rates R and RH based on number of customers.

- **Costs specific to the C&I classes** were allocated to Rates GS, PD and HT based on energy at generation. General marketing and conservation costs were allocated based on number of customers (*see* PECO Exhibit TJJ-7, p 10).

- **Informational advertising expense** includes the cost of activities which primarily convey information as to what the utility urges or suggests customers should do in utilizing electric service to protect health and safety, to encourage environmental protection, to utilize their electric equipment safely and economically, or to conserve

electric energy, and was allocated to customer classes based on number of customers.

- **Sales expenses** include expenses incurred in activities, which promote or retain the use of utility distribution services by present and prospective customers, and was allocated to Rates GS, PD and HT customers based on customer energy consumption.

29. Q. How were administrative and general expenses functionalized, classified, and allocated among rate classes?

A. Administrative and general expenses include administrative and general salaries, office supplies and expenses, outside services, property insurance costs, injuries and damages, employee benefits, regulatory commission expenses, miscellaneous general expenses, and maintenance of general plant.

Except for items discussed below, administrative and general expenses are related to labor costs and, therefore, were functionalized, classified, and allocated among rate classes in the same ratio as direct labor expenses.

Property insurance costs were functionalized, classified, and allocated among rate classes in the same ratio as distribution and general plant in service.

Regulatory commission expenses and miscellaneous general expense were functionalized, classified, and allocated among rate classes in proportion to revenue.

Maintenance of general plant was functionalized, classified, and allocated among rate classes in the same ratio as general plant in service.

30. Q. How were depreciation expense and depreciation reserve functionalized, classified, and allocated among the rate classes?

A. Depreciation expense was derived from PECO Exhibit CF-3, which is sponsored by PECO witness Caroline Fulginiti, and PECO Exhibit MJT-1, which show depreciation expense by plant account. The depreciation reserve was obtained from the same sources. Both the depreciation expense and the depreciation reserve were functionalized, classified, and allocated among rate classes in the same ratio as the plant account to which they relate.

31. Q. How were taxes other than gross receipts tax and income taxes functionalized, classified, and allocated among the rate classes?

A. Taxes, other than gross receipts tax and income taxes, include Public Utility Realty Tax ("PURTA"), payroll-related taxes, local use taxes, and real estate taxes. Payroll-related taxes were functionalized, classified, and allocated among rate classes in proportion to direct labor expenses. PURTA taxes were allocated based on the allocation of land, local use taxes were allocated based on revenue, and real estate taxes were allocated based on total plant.

32. Q. How was gross receipts tax functionalized, classified, and allocated among the rate classes?

A. Gross receipts tax is based on transmission and distribution revenue, purchased power revenue, and forfeited discounts (i.e., late payment charges). Accordingly, gross receipts tax was calculated separately by function and was classified and allocated among rate classes based on taxable revenue.

33. Q. How was income tax expense functionalized, classified, and allocated among rate classes?

A. Income tax expense was calculated based on revenue at present rates using the same methodology employed by Mr. Trzaska in PECO Exhibit MJT-1, Schedule D-18. Income tax expense was primarily functionalized, classified, and allocated among rate classes based on total plant.

34. Q. How was revenue at present rates computed for each rate class?

A. Distribution revenue at present rates is shown in the proof of revenues set forth in PECO Exhibit JAB-6. The total was assigned to the rate classes based on the proof of revenues. Distribution revenue at present rates for each rate class is shown on line 4 of PECO Exhibit TJJ-1.

Supply charge revenue, which consists of revenue collected under the GSA tariffs for energy, administrative costs, and cash working capital, was assigned to rate classes based on projected default service prices and MWh of generation. For each rate class, and in total, supply charge revenue equals the sum of the supply

cost (including administrative costs), gross receipts tax, and the revenue requirement for cash working capital.

Transmission charge revenue under the TSC was functionalized to Transmission and allocated among the rate classes in proportion to costs that are allocated based on contributions to the single coincident peak. Revenue equals the sum of the cost plus the revenue requirement for associated cash working capital.

Forfeited discount revenue was functionalized, classified, and allocated in the same ratio as the uncollectible accounts expense.

Rent for electric property represents pole rental revenue and was functionalized, classified, and allocated in the same ratio as the plant costs for poles, towers and fixtures.

Decommissioning payments in the FPFTY represent PECO's transfer to Exelon Generation Company of amounts that PECO collects from customers for nuclear decommissioning expense. Both PECO's recovery of these costs and the transfer of such funds to Exelon Generation Company, LLC were approved in the Commission's Order approving the Settlement of PECO's restructuring proceeding.[5] This amount was allocated among the rate classes in the same ratio as the revenue was collected, which is in proportion to each class' billed kWh.

[5] *Application of PECO Energy Co. for Approval of its Restructuring Plan Under Section 2806 of the Public Utility Code and Joint Petition for Partial Settlement; Petition of Enron Energy Services Power, Inc. for Approval of an Electric Competition and Choice Plan and for Authority Pursuant to Section 2807(E)(C) of the Public Utility Code to Serve as the Provider of Last Resort in the Service Territory of PECO Energy Co.*, Docket Nos. R-00973953 and P-00971265, 1997 Pa. PUC LEXIS 51 at *120 (Dec. 23, 1997). On June 9, 2009, the Commission initiated an investigation at Docket No. I-2009-2101331 to determine whether or not it would be appropriate for PECO to

Other electric revenue was allocated among the rate classes based on distribution plant.

IV. DEVELOPMENT OF RATE CLASS REVENUE REQUIREMENT

35. Q. How did you develop the revenue requirements for each class?

A. The revenue requirements for each rate class were calculated using the same method employed by Company witness Mr. Trzaska to compute the overall revenue requirement for the FPFTY. Thus, the revenue requirements for each rate class are the sum of that class' allocated operating expenses, depreciation expense, general taxes, return on rate base, and income tax expense. Return on rate base for each rate class was computed by multiplying the rate class' rate base by the proposed system average rate of return. Income taxes included in the revenue requirement for each rate class were computed directly by grossing up the required non-debt return on rate base for the class at the applicable statutory income tax rates. PECO Exhibit TJJ-1, line 64, shows the total revenue requirements by rate class reflecting the fully allocated distribution cost of service at the proposed system average rate of return. PECO Exhibit TJJ-1, line 69, shows the portion of the total revenue requirements PECO proposes to collect in distribution rates.

continue the collection of nuclear decommissioning costs from retail customers after the expiration of PECO's rate caps on December 31, 2010 and reaffirmed its earlier holding in PECO's restructuring proceeding. *Investigation into PECO Energy Company's Electric Service Tariff PA P.U.C. No. 4*, 2010 Pa. PUC LEXIS 299 (Order entered July 22, 2010).

36. Q. How did you determine the increase or decrease in revenue needed for each class to produce the system average rate of return?

A. The increase or decrease needed for each rate class was calculated by comparing the revenue requirements for each rate class to the forecasted revenue at present rates for that class for the FPFTY. This is the same method used by Mr. Trzaska in PECO Exhibit MJT-1, Schedule A-1, with respect to the overall revenue requirement and revenue deficiency. The increases or (decreases) in rate class revenue needed to produce a rate of return equal to the Company's proposed overall rate of return are shown in PECO Exhibit TJJ-1 at line 120, which total $246.0 million. The increases or (decreases) in class distribution revenue are shown on line 70, which total $251.1 million. The increase in Transmission revenue under the TSC are shown on line 95, which total, on a net basis, $0.3 million, and the (decrease) in Purchased Power revenue under the GSA of ($5.3) million is shown on line 83. In addition, forfeited discounts are expected to increase by $0.9 million as a result of the increase in distribution rates.

V. RESULTS OF THE PECO COST-OF-SERVICE STUDY

37. Q. Please describe what is shown on PECO Exhibit TJJ-1.

A. PECO Exhibit TJJ-1, which sets forth the substance of the COSS, compares the revenue at current rates by rate class to the revenue requirement allocated on a cost-of-service basis to each rate class. Net income at present rates, shown on line 16, is computed by subtracting operating expenses, depreciation and amortization, taxes other than income taxes, and income taxes (lines 10 to 14) from revenue at

present rates (line 7). The return on rate base at present rates for each rate class is shown on line 25, and the relative rates of return are shown on line 26.

Line 114 shows each rate class' revenue requirement (including revenue from distribution charges, transmission charges, purchased power, forfeited discounts, and other revenue) at the proposed overall rate of return. Line 107 shows operating expenses, line 108 shows depreciation and amortization expense, line 109 shows taxes other than income taxes excluding the gross receipts tax, line 110 shows gross receipts tax, and line 111 shows income tax expense. Line 104 shows operating income assuming each rate class pays its full cost of service. Line 120 shows the increase (decrease) in revenue needed for each rate class to produce revenues equal to its revenue requirement at full cost of service and produce the system average rate of return (excluding forfeited discounts on the increased revenue). Line 70 shows the increase (decrease) in distribution revenue for each rate class to produce revenue from distribution charges equal to its distribution revenue requirement at full cost of service. Line 95 shows the increase (decrease) in transmission revenue for each rate class to produce revenue from transmission charges equal to its transmission revenue requirement at full cost of service.

38. Q. What information is shown on PECO Exhibit TJJ-2?

A. PECO Exhibit TJJ-2, as noted above, is the rate class cost of service and shows the allocation of each element of measures of value also known as rate base (RB schedules), operating expenses (E schedules), depreciation expense (D schedules),

and taxes (TO and TI schedules) among the rate classes This information is contained on the first 16 pages of the exhibit.

Also included in this exhibit are the external and internal allocators used for the rate class allocations, which are shown on pages 17 to 31 of the exhibit.

39. Q. Please describe the information contained in PECO Exhibit TJJ-3.

A. PECO Exhibit TJJ-3 contains the COSS by functional category and classification. The summary appears on pages 1 to 6 and the account by account allocation to functional category and classification is provided on pages 7 to 33. Pages 33 to 66 of this exhibit provide the external and internal allocators used for the exhibit.

40. Q. Please describe what is shown in PECO Exhibit TJJ-4.

A. PECO Exhibit TJJ-4 presents unitized revenue requirement for each rate class. The unitized revenue requirements are the functionalized and classified revenue requirements allocated to each class of service divided by the appropriate units. For example, demand-related cost is divided by kW of demand, energy-related cost is divided by kWh, and customer-related cost is divided by number of customers. The unit cost is provided by classification and functional area.

41. Q. Which costs were considered in developing the proposed customer charges?

A. The proposed customer charges are based on the specific customer-classified costs in the PECO COSS that are approved for recovery in customer charges. Customer related costs include all costs incurred to attach a customer to the

distribution system, to meter usage and to maintain the customer's account. They include: (1) capital costs associated with portions of the distribution system, services and meters, and general plant supporting the functions identified above; and (2) operating and maintenance expenses related to those assets described in (1), associated administrative and general expense, metering and billing expense, and customer service and account expenses. Total customer costs by rate class for the FPFTY are shown on PECO Exhibit TJJ-4, in the unit cost analysis.

The costs typically considered in Pennsylvania in developing residential customer charges exclude allocated portions of the distribution system. PECO Exhibit TJJ-5 excludes the component shown on PECO Exhibit TJJ-4 associated with the distribution system. The residential customer charge includes the costs of the service and meter, meter reading-related expense, billing expense, and customer accounting expense together with appropriate pensions and benefits and payroll taxes that are part of the applicable labor expenses. Also included are other supporting administrative and general costs and associated general and common plant and working capital.

42. Q. Please briefly describe the Night Service Rider ("NSR").

A. The NSR applies to distribution service provided to eligible commercial and industrial customers for demand registered in off-peak hours that exceeds their demand during on-peak hours (*i.e.*, 8:00 a.m. to 8:00 p.m. daily (Friday is 4 p.m.), except Saturdays and Sundays). For example, if a customer has an off-peak maximum demand of 200 kW and an on-peak maximum demand of 190 kW, the

10 kW excess of the maximum off-peak demand over the on-peak demand would be billed at the NSR rate, not the standard tariff rate.

43. Q. What costs were included in developing the NSR rate?

A. In developing the NSR rate, I included the cost of overhead and underground conductors, transformers, and the maintenance expenses associated with those conductors and transformers as well as an allocable portion of administrative and general expenses and the cost of common and general plant. These costs are properly included in the NSR rate because off-peak usage affects the size of conductors and transformers.

Those facilities serve load at the localized level and, therefore, do not benefit from load diversity as does other plant, such as substations.

I excluded from the NSR rate the cost of substations, poles, and underground conduit because of the location of substations on the system. The size of substations is affected by on-peak demand. The cost of poles and conduit were also excluded because off-peak demand in excess of on-peak demand is unlikely to affect the size of those facilities (PECO Exhibit TJJ-6).

Mr. Bisti uses these costs to determine the appropriate charge for the NSR as discussed in PECO Statement No. 7.

44. Q. Please describe the information shown on PECO Exhibit TJJ-7.

A. PECO Exhibit TJJ-7 shows the development of the external allocators, which are described below and are used in the COSS. Except where noted, all data are for the FPFTY.

Index (page 1) - Table of External Allocators

Summary of External Allocator Values (page 2) - Class Allocation

Summary of External Allocator Values (page 3) - Functionalization

Conductors-Functional Splits (page 4) - Allocates the cost of Overhead Conductors and Underground Conductors between Primary HT/Primary and Secondary based on a study that the Company prepared to separate costs by voltage levels. The functional split for poles follows the overhead conductor split, and the functional split for underground conduit follows underground conductor split.

Conductors-Primary Splits (page 5) - Allocates the cost of Overhead Conductors operating at primary voltage between Primary HT and Primary based on the wire miles of those conductors. The same approach was used for Underground Conductors. The functional split for poles follows the overhead conductor split, and the functional split for underground conduit follows underground conductor split.

Service Costs (page 6) - Computes investment in services for each rate class at average replacement cost for the period 2018-2020. PECO does not account for services separately and, therefore, has used estimated replacement cost to allocate the account to the classes of service.

Meter Costs (page 7) - Meter costs were allocated among rate classes based on the average cost of meters of each type for each rate class, as determined from the Company's records. Meter costs include both materials and labor.

Customer Deposits (page 8) - Allocates FPFTY customer deposits based on the 13-month average customer deposit balances for each class for the period from December 2019 through December 2020.

Acct 903 Allocator (page 9) - Allocates costs associated with each activity recorded in Account 903 – Customer Records and Collection Expense using an appropriate external allocator. Each activity, the cost of the activity, and the allocator assigned to each is shown in a separate row. Row 12 summarizes the costs by rate class. The weighted allocators are shown on row 13. The separate allocations are necessary because some costs are only applicable to specific rate classes.

Acct 908 Allocator (page 10) - Allocates the costs of each activity recorded in Account 908 – Customer Assistance using an appropriate external allocator. Rows 1-5 list each activity, the cost of the activity and the allocator assigned to it. Row 6 summarizes the costs by rate class. The allocators are on row 7.

Acct 912 and 916 Allocator (page 11) - Allocates the cost of each activity recorded in Accounts 912 – Demonstrating and Selling Expense and 916 – Miscellaneous Sales Expense using an appropriate external allocator. Each activity, the costs of the activity, and the allocator assigned to each is shown in a separate row. Row 2 summarizes the costs by rate class. The weighted allocators are shown on row 3.

Write-Offs (page 12) - Computes the Write-Off allocators using net charge-offs for 2018 through 2020.

Over 60-Day (page 13) - Computes the Over 60-Day allocators. The column "Over 60-Day Allocator" shows the percentage of PECO's total electric accounts receivable outstanding for more than two months for each rate class at each month-end from January 2019 through December 2019.

Purchase of Receivables (page 14) - Computes the allocator used in the COSS to allocate the POR portion of cash working capital.

Demand Allocators (page 15) - Computes the demand allocators used in the COSS.

MWh Deliveries at Generation (page 16) - Computes MWh at the different rate classes based on projected 2022 sales at the meter and appropriate loss factors for each rate class. The class loss factors are the same as those set forth in the Company's Electric Generation Supplier Coordination Tariff.

Customer and Location-Based Allocators (page 2) - The demand-based, customer-based and location-based allocators are shown on page 2 at lines 8-14. The location-based allocator (Location Secondary) shown on line 14 was modified for street lighting to reflect 25% of each of the total locations for the Lighting class. This adjustment was made to more accurately reflect cost causation. Street lights are generally located where there are existing Company facilities serving other load. In some cases, street lights were installed after the grid was in place and, therefore, did not contribute to the need for poles, conductors, or conduit to be installed. However, that is not always the case and, in some instances, the system was built out for the lights, for example, as on some bridges and roads. Counting each location as a separate customer would allocate too much cost to street lighting. On the other hand, not counting any lighting locations as customers would understate the costs allocated to street lighting. Even where the system was in place before street lights were installed, it is appropriate to allocate some cost to the Lighting class because the service is benefiting from the poles, conductors, and conduit. I have, therefore, applied a 25% factor to the number of locations to allocate a reasonable level of cost to the Lighting class.

45. Q. Please explain how the purchased power and transmission sections of the COSS are used?

A. In the cost of service summary there is a section for purchased power and a section for transmission. These sections are used to derive the unbundled cash working capital requirement that is recovered in the GSA and the TSC. The

revenue requirement associated with cash working capital is used to develop a rate for the GSA and TSC. The total revenue requirement used to develop the rate is the operating income consisting of return, income taxes, and the associated gross receipts tax. I am providing PECO Exhibit TJJ-8 to show the calculation of the unbundled cash working capital rate for the GSA. PECO Exhibit TJJ-9 provides the calculation of the unbundled cash working capital rate for the TSC. The rate developed in PECO Exhibit TJJ-8 of $0.00021 per kWh will replace the rate of $0.00019 per kWh currently in the GSA. The rate developed in PECO Exhibit TJJ-9 of $278 per MW-year will replace the current rate of $221 per MW-year in the TSC.

46. Q. Please summarize your conclusions with respect to cost of service.

A. The Company's COSS was prepared using an appropriate and well-accepted cost of service method. The results of the Company's COSS provide a reasonable allocation of PECO's cost of service among its rate classes and are an appropriate guide for use in designing PECO's proposed rates.

VI. CONCLUSION

47. Q. Does this complete your direct testimony at this time?

A. Yes, it does.

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	1	**SUMMARY AT PRESENT RATES**									
S	2	**DEVELOPMENT OF DISTRIBUTION RETURN**									
S	3	OPERATING REVENUE									
S	4	Sales of Electricity - Base	SCH RBC, LN 54	1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
S	5	Decommissioning Revenues	SCH RBC, LN 55	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	6	Other Operating Revenue	SCH RBC, LN 65	52,337	31,344	6,511	8,264	252	5,139	228	598
S	7	TOTAL OPERATING REVENUE		1,420,478	808,340	160,264	250,318	7,911	161,296	8,286	24,063
S	8										
S	9	OPERATING EXPENSES									
S	10	Operation and Maintenance Expense	SCH E, LN 92	704,927	432,822	81,845	106,150	3,624	69,105	3,039	8,343
S	11	Depreciation and Amortization Expense	SCH D, LN 28	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 11	25,274	14,192	2,774	4,187	148	3,538	166	269
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 35	79,403	44,769	8,835	14,229	452	9,254	479	1,385
S	14	Income Taxes	SCH TI, LN 49	17,276	2,102	1,749	6,891	203	4,379	461	1,492
S	15	TOTAL OPERATING EXPENSES		1,099,718	650,326	125,257	180,696	5,859	116,102	5,517	15,962
S	16	**OPERATING INCOME (RETURN)**		320,759	158,013	35,007	69,622	2,052	45,194	2,769	8,101
S	17										
S	18	**DEVELOPMENT OF RATE BASE**									
S	19	Electric Plant in Service	SCH RBP, LN 66	8,915,180	4,867,941	978,335	1,711,314	49,371	1,106,170	52,699	149,350
S	20	Less: Accumulated Depreciation	SCH RBD, LN 25	2,251,728	1,225,781	240,864	435,106	11,769	278,081	13,026	47,102
S	21	Plus: Rate Base Additions	SCH RBO, LN 30	565,741	336,602	62,939	91,128	3,010	63,465	2,413	6,185
S	22	Less: Rate Base Deductions	SCH RBO, LN 27	877,416	460,121	94,180	189,153	4,742	109,422	5,062	14,735
S	23	**TOTAL DISTRIBUTION RATE BASE**	SCH RBO, LN 34	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
S	24										
S	25	**DISTRIBUTION RATE OF RETURN (PRESENT)**		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%
S	26	**DISTRIBUTION INDEX RATE OF RETURN (PRESENT)**		1.00	0.89	0.98	1.17	1.13	1.14	1.48	1.71
S	27										
S	28	**DEVELOPMENT OF PURCHASED POWER RETURN**									
S	29	Purchased Electric Revenues	SCH RBC, LN 57	741,120	463,184	119,806	110,388	1,092	46,087	0	564
S	30	Purchased Power O&M Expense	SCH E, LN 41	689,927	431,189	111,530	102,763	1,016	42,904	0	525
S	31	Purchased Power GRT Expense	SCH TO, LN 21	43,726	27,328	7,069	6,513	64	2,719	0	33
S	32	Purchased Power Income Taxes		2,029	1,268	328	302	3	126	0	2
S	33	Purchased Power Operating Income		5,438	3,399	879	810	8	338	0	4
S	34	Rate Base - Purchased Pwr Cash Working Capital	SCH RBC, LN 33	24,301	15,187	3,928	3,620	36	1,511	0	18
S	35	**PURCHASED POWER RATE OF RETURN (PRESENT)**		22.38%	22.38%	22.38%	22.38%	22.38%	22.38%	0.00%	22.38%
S	36										
S	37	**DEVELOPMENT OF TRANSMISSON RETURN**									
S	38	Transmission Revenues	SCH RBC, LN 56	172,082	80,528	20,539	37,127	866	31,408	1,543	71
S	39	Transmission O&M Expense	SCH E, LN 42	161,192	75,432	19,239	34,777	811	29,420	1,445	66
S	40	Transmission GRT Expense	SCH TO, LN 28	10,153	4,751	1,212	2,190	51	1,853	91	4
S	41	Transmission Income Taxes		161	75	22	37	1	26	1	0
S	42	Transmission Operating Income		576	271	66	123	3	108	5	0
S	43	Rate Base - Transmission Cash Working Capital	SCH RBO, LN 33	9,820	4,745	691	1,788	74	2,407	108	7
S	44	**TRANSMISSION RATE OF RETURN (PRESENT)**		5.87%	5.70%	9.59%	6.86%	4.11%	4.51%	4.88%	3.61%
S	45										
S	46	**TOTAL OPERATING INCOME (RETURN)**		326,774	161,683	35,953	70,555	2,063	45,640	2,775	8,105
S	47	**TOTAL RATE BASE**		6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
S	48	**COMPOSITE RATE OF RETURN @ CURRENT RATES**		5.12%	4.57%	5.06%	5.96%	5.73%	5.81%	7.47%	8.65%
S	49										
S	50										

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	51	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**									
S	52	**DEVELOPMENT OF DISTRIBUTION RETURN (EQUALIZED RATE)**									
S	53	**RATE BASE**	SCH S, LN 23	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
S	54	**RETURN (RATE BASE * 7.68% ROR)**		487,816	270,232	54,238	90,484	2,755	60,068	2,843	7,196
S	55	**PLUS:**									
S	56	**OPERATING EXPENSES**									
S	57	Operation and Maintenance Expense	CALCULATED	707,161	434,325	82,100	106,427	3,633	69,306	3,040	8,330
S	58	Depreciation and Amortization Expense	SCH S, LN 11	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	59	Taxes Other Than Income Taxes-General	SCH S, LN 12	25,274	14,192	2,774	4,187	148	3,538	166	269
S	60	Taxes Other Than Income Taxes-Distribution GRT	CALCULATED	94,215	54,720	10,540	16,079	514	10,573	486	1,305
S	61	State and Federal Income Taxes	CALCULATED	85,154	47,698	9,563	15,368	488	10,423	491	1,124
S	62	**TOTAL OPERATING EXPENSES**		1,184,643	707,375	135,031	191,300	6,216	123,665	5,554	15,501
S	63										
S	64	**EQUALS TOTAL COST OF SERVICE**		1,672,459	977,607	189,269	281,784	8,971	183,733	8,398	22,697
S	65	**LESS:**									
S	66	Decommissioning Revenues	SCH S, LN 5	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	67	Other Operating Revenue	CALCULATED	53,260	31,965	6,616	8,379	256	5,222	229	593
S	68	**EQUALS:**									
S	69	**DISTRIBUTION BASE RATE SALES @ EQUALIZED ROR 7.68%**		1,623,059	946,776	182,941	274,231	8,750	180,008	8,229	22,123
S	70	Distribution Cost Increase without Forfeited Discount		251,059	168,646	28,900	31,352	1,056	22,354	111	(1,360)
S	71	**TOTAL COST OF SERVICE DISTRIBUTION INCREASE/DECREASE**		251,982	169,267	29,005	31,467	1,060	22,437	112	(1,365)
S	72	**REVENUE INCREASE TO DISTRIBUTION REVENUES W/O FORFEITED DISCOUNT(%)**		18.30%	21.67%	18.76%	12.91%	13.72%	14.18%	1.37%	-5.79%
S	73			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	74	**DEVELOPMENT OF PURCH. POWER RETURN (EQUALIZED RATE)**									
S	75	**RATE BASE (CWC)**	SCH S, LN 34	24,301	15,187	3,928	3,620	36	1,511	0	18
S	76	**RETURN (RATE BASE * 7.68% ROR)**		1,866	1,166	302	278	3	116	0	1
S	77	**PLUS:**									
S	78	**OPERATING EXPENSES**									
S	79	Purchased Power O&M Expense	SCH S, LN 30	689,927	431,189	111,530	102,763	1,016	42,904	0	525
S	80	Purchased Power Income Taxes	CALCULATED	578	361	93	86	1	36	0	0
S	81	Purchased Power GRT Expense	CALCULATED	43,411	27,131	7,018	6,466	64	2,700	0	33
S	82	**EQUALS TOTAL PURCHASED POWER COST OF SERVICE**		735,782	459,847	118,943	109,593	1,084	45,755	0	560
S	83	**TOTAL COST OF SERVICE PURCH.POWER INCREASE/DECREASE**		(5,338)	(3,336)	(863)	(795)	(8)	(332)	0	(4)
S	84	**REVENUE INCREASE TO DISTRIBUTION REVENUES (%)**		-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	0.00%	-0.72%
S	85			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	0.00%	7.68%
S	86	**DEVELOPMENT OF TRANSMISSION RETURN (EQUALIZED RATE)**									
S	87	**RATE BASE (CWC)**	SCH S, LN 43	9,820	4,745	691	1,788	74	2,407	108	7
S	88	**RETURN (RATE BASE * 7.68% ROR)**		754	364	53	137	6	185	8	1
S	89	**PLUS:**									
S	90	**OPERATING EXPENSES**									
S	91	Transmission O&M Expense	SCH S, LN 39	161,192	75,432	19,239	34,777	811	29,420	1,445	66
S	92	Transmission Income Taxes	CALCULATED	233	113	16	43	2	57	3	0
S	93	Transmission GRT Expense	CALCULATED	10,169	4,759	1,211	2,192	51	1,860	91	4
S	94	**EQUALS TOTAL TRANSMISSION COST OF SERVICE**		172,348	80,669	20,519	37,149	870	31,522	1,547	71
S	95	**TOTAL COST OF SERVICE TRANSMISSION INCREASE/DECREASE**		266	140	(20)	22	4	114	5	0
S	96	**REVENUE INCREASE TO RETAIL DISTRIBUTION REVENUES (%)**		0.15%	0.17%	-0.10%	0.06%	0.45%	0.36%	0.29%	0.60%
S	97			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	98	**TOTAL INCREASE (DECREASE) REQUIRED**		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	99										
S	100										

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	101	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**									
S	102	**DEVELOPMENT OF OVERALL RETURN (EQUALIZED RATE)**									
S	103	**RATE BASE**	CALCULATED	6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
S	104	**RETURN (RATE BASE * 7.68% ROR)**		490,437	271,762	54,593	90,900	2,763	60,369	2,852	7,198
S	105	**PLUS:**									
S	106	**OPERATING EXPENSES**									
S	107	Operation and Maintenance Expense	CALCULATED	1,558,280	940,945	212,869	243,967	5,461	141,630	4,485	8,921
S	108	Depreciation and Amortization Expense	SCH S, LN 58	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	109	Taxes Other Than Income Taxes-General	SCH S, LN 59	25,274	14,192	2,774	4,187	148	3,538	166	269
S	110	Taxes Other Than Income Taxes-GRT	CALCULATED	147,795	86,610	18,768	24,736	630	15,132	577	1,342
S	111	State and Federal Income Taxes	CALCULATED	85,965	48,171	9,673	15,496	491	10,516	493	1,125
S	112	**TOTAL OPERATING EXPENSES**		2,090,152	1,246,360	274,138	337,627	8,162	200,642	7,093	16,130
S	113										
S	114	**EQUALS TOTAL COST OF SERVICE**		2,580,589	1,518,122	328,732	428,526	10,925	261,010	9,945	23,328
S	115	**LESS:**									
S	116	Decommissioning Revenues	SCH S, LN 66	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	117	Other Operating Revenue	SCH S, LN 67	53,260	31,965	6,616	8,379	256	5,222	229	593
S	118	**EQUALS:**									
S	119	**OVERALL BASE RATES @ EQUALIZED ROR 7.68%**		2,531,188	1,487,292	322,404	420,973	10,704	257,285	9,777	22,753
S	120	**COST OF SERVICE OVERALL INCREASE/DECREASE W/O FORFEITED DISCOUNT**		245,985	165,450	28,017	30,579	1,052	22,137	116	(1,364)
S	121	**TOTAL COST OF SERVICE OVERALL INCREASE/DECREASE**		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	122			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	123										
S	124										
S	125										
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PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	1	**SUMMARY AT PRESENT RATES**									
S	2	**DEVELOPMENT OF DISTRIBUTION RETURN**									
S	3	OPERATING REVENUE									
S	4	Sales of Electricity - Base	SCH RBC, LN 54	1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
S	5	Decommissioning Revenues	SCH RBC, LN 55	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	6	Other Operating Revenue	SCH RBC, LN 65	52,337	31,344	6,511	8,264	252	5,139	228	598
S	7	TOTAL OPERATING REVENUE		1,420,478	808,340	160,264	250,318	7,911	161,296	8,286	24,063
S	8										
S	9	OPERATING EXPENSES									
S	10	Operation and Maintenance Expense	SCH E, LN 92	704,927	432,822	81,845	106,150	3,624	69,105	3,039	8,343
S	11	Depreciation and Amortization Expense	SCH D, LN 28	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 11	25,274	14,192	2,774	4,187	148	3,538	166	269
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 35	79,403	44,769	8,835	14,229	452	9,254	479	1,385
S	14	Income Taxes	SCH TI, LN 49	17,276	2,102	1,749	6,891	203	4,379	461	1,492
S	15	TOTAL OPERATING EXPENSES		1,099,718	650,326	125,257	180,696	5,859	116,102	5,517	15,962
S	16	**OPERATING INCOME (RETURN)**		320,759	158,013	35,007	69,622	2,052	45,194	2,769	8,101
S	17										
S	18	**DEVELOPMENT OF RATE BASE**									
S	19	Electric Plant in Service	SCH RBP, LN 66	8,915,180	4,867,941	978,335	1,711,314	49,371	1,106,170	52,699	149,350
S	20	Less: Accumulated Depreciation	SCH RBD, LN 25	2,251,728	1,225,781	240,864	435,106	11,769	278,081	13,026	47,102
S	21	Plus: Rate Base Additions	SCH RBO, LN 30	565,741	336,602	62,939	91,128	3,010	63,465	2,413	6,185
S	22	Less: Rate Base Deductions	SCH RBO, LN 27	877,416	460,121	94,180	189,153	4,742	109,422	5,062	14,735
S	23	**TOTAL DISTRIBUTION RATE BASE**	SCH RBO, LN 34	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
S	24										
S	25	**DISTRIBUTION RATE OF RETURN (PRESENT)**		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%
S	26	**DISTRIBUTION INDEX RATE OF RETURN (PRESENT)**		1.00	0.89	0.98	1.17	1.13	1.14	1.48	1.71
S	27										
S	28	**DEVELOPMENT OF PURCHASED POWER RETURN**									
S	29	Purchased Electric Revenues	SCH RBC, LN 57	741,120	463,184	119,806	110,388	1,092	46,087	0	564
S	30	Purchased Power O&M Expense	SCH E, LN 41	689,927	431,189	111,530	102,763	1,016	42,904	0	525
S	31	Purchased Power GRT Expense	SCH TO, LN 21	43,726	27,328	7,069	6,513	64	2,719	0	33
S	32	Purchased Power Income Taxes		2,029	1,268	328	302	3	126	0	2
S	33	Purchased Power Operating Income		5,438	3,399	879	810	8	338	0	4
S	34	Rate Base - Purchased Pwr Cash Working Capital	SCH RBC, LN 33	24,301	15,187	3,928	3,620	36	1,511	0	18
S	35	**PURCHASED POWER RATE OF RETURN (PRESENT)**		22.38%	22.38%	22.38%	22.38%	22.38%	22.38%	0.00%	22.38%
S	36										
S	37	**DEVELOPMENT OF TRANSMISSON RETURN**									
S	38	Transmission Revenues	SCH RBC, LN 56	172,082	80,528	20,539	37,127	866	31,408	1,543	71
S	39	Transmission O&M Expense	SCH E, LN 42	161,192	75,432	19,239	34,777	811	29,420	1,445	66
S	40	Transmission GRT Expense	SCH TO, LN 28	10,153	4,751	1,212	2,190	51	1,853	91	4
S	41	Transmission Income Taxes		161	75	22	37	1	26	1	0
S	42	Transmission Operating Income		576	271	66	123	3	108	5	0
S	43	Rate Base - Transmission Cash Working Capital	SCH RBO, LN 33	9,820	4,745	691	1,788	74	2,407	108	7
S	44	**TRANSMISSION RATE OF RETURN (PRESENT)**		5.87%	5.70%	9.59%	6.86%	4.11%	4.51%	4.88%	3.61%
S	45										
S	46	**TOTAL OPERATING INCOME (RETURN)**		326,774	161,683	35,953	70,555	2,063	45,640	2,775	8,105
S	47	**TOTAL RATE BASE**		6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
S	48	**COMPOSITE RATE OF RETURN @ CURRENT RATES**		5.12%	4.57%	5.06%	5.96%	5.73%	5.81%	7.47%	8.65%
S	49										
S	50										

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	51	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**									
S	52	**DEVELOPMENT OF DISTRIBUTION RETURN (EQUALIZED RATE)**									
S	53	**RATE BASE**	SCH S, LN 23	6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
S	54	**RETURN (RATE BASE * 7.68% ROR)**		487,816	270,232	54,238	90,484	2,755	60,068	2,843	7,196
S	55	**PLUS:**									
S	56	**OPERATING EXPENSES**									
S	57	Operation and Maintenance Expense	CALCULATED	707,161	434,325	82,100	106,427	3,633	69,306	3,040	8,330
S	58	Depreciation and Amortization Expense	SCH S, LN 11	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	59	Taxes Other Than Income Taxes-General	SCH S, LN 12	25,274	14,192	2,774	4,187	148	3,538	166	269
S	60	Taxes Other Than Income Taxes-Distribution GRT	CALCULATED	94,215	54,720	10,540	16,079	514	10,573	486	1,305
S	61	State and Federal Income Taxes	CALCULATED	85,154	47,698	9,563	15,368	488	10,423	491	1,124
S	62	**TOTAL OPERATING EXPENSES**		1,184,643	707,375	135,031	191,300	6,216	123,665	5,554	15,501
S	63										
S	64	**EQUALS TOTAL COST OF SERVICE**		1,672,459	977,607	189,269	281,784	8,971	183,733	8,398	22,697
S	65	**LESS:**									
S	66	Decommissioning Revenues	SCH S, LN 5	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	67	Other Operating Revenue	CALCULATED	53,260	31,965	6,616	8,379	256	5,222	229	593
S	68	**EQUALS:**									
S	69	**DISTRIBUTION BASE RATE SALES @ EQUALIZED ROR 7.68%**		1,623,059	946,776	182,941	274,231	8,750	180,008	8,229	22,123
S	70	Distribution Cost Increase without Forfeited Discount		251,059	168,646	28,900	31,352	1,056	22,354	111	(1,360)
S	71	**TOTAL COST OF SERVICE DISTRIBUTION INCREASE/DECREASE**		251,982	169,267	29,005	31,467	1,060	22,437	112	(1,365)
S	72	**REVENUE INCREASE TO DISTRIBUTION REVENUES W/O FORFEITED DISCOUNT(%)**		18.30%	21.67%	18.76%	12.91%	13.72%	14.18%	1.37%	-5.79%
S	73			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	74	**DEVELOPMENT OF PURCH. POWER RETURN (EQUALIZED RATE)**									
S	75	**RATE BASE (CWC)**	SCH S, LN 34	24,301	15,187	3,928	3,620	36	1,511	0	18
S	76	**RETURN (RATE BASE * 7.68% ROR)**		1,866	1,166	302	278	3	116	0	1
S	77	**PLUS:**									
S	78	**OPERATING EXPENSES**									
S	79	Purchased Power O&M Expense	SCH S, LN 30	689,927	431,189	111,530	102,763	1,016	42,904	0	525
S	80	Purchased Power Income Taxes	CALCULATED	578	361	93	86	1	36	0	0
S	81	Purchased Power GRT Expense	CALCULATED	43,411	27,131	7,018	6,466	64	2,700	0	33
S	82	**EQUALS TOTAL PURCHASED POWER COST OF SERVICE**		735,782	459,847	118,943	109,593	1,084	45,755	0	560
S	83	**TOTAL COST OF SERVICE PURCH.POWER INCREASE/DECREASE**		(5,338)	(3,336)	(863)	(795)	(8)	(332)	0	(4)
S	84	**REVENUE INCREASE TO DISTRIBUTION REVENUES (%)**		-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	-0.72%	0.00%	-0.72%
S	85			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	0.00%	7.68%
S	86	**DEVELOPMENT OF TRANSMISSION RETURN (EQUALIZED RATE)**									
S	87	**RATE BASE (CWC)**	SCH S, LN 43	9,820	4,745	691	1,788	74	2,407	108	7
S	88	**RETURN (RATE BASE * 7.68% ROR)**		754	364	53	137	6	185	8	1
S	89	**PLUS:**									
S	90	**OPERATING EXPENSES**									
S	91	Transmission O&M Expense	SCH S, LN 39	161,192	75,432	19,239	34,777	811	29,420	1,445	66
S	92	Transmission Income Taxes	CALCULATED	233	113	16	43	2	57	3	0
S	93	Transmission GRT Expense	CALCULATED	10,169	4,759	1,211	2,192	51	1,860	91	4
S	94	**EQUALS TOTAL TRANSMISSION COST OF SERVICE**		172,348	80,669	20,519	37,149	870	31,522	1,547	71
S	95	**TOTAL COST OF SERVICE TRANSMISSION INCREASE/DECREASE**		266	140	(20)	22	4	114	5	0
S	96	**REVENUE INCREASE TO RETAIL DISTRIBUTION REVENUES (%)**		0.15%	0.17%	-0.10%	0.06%	0.45%	0.36%	0.29%	0.60%
S	97			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	98	**TOTAL INCREASE (DECREASE) REQUIRED**		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	99										
S	100										

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
S	101	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**									
S	102	**DEVELOPMENT OF OVERALL RETURN (EQUALIZED RATE)**									
S	103	**RATE BASE**	CALCULATED	6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
S	104	**RETURN (RATE BASE * 7.68% ROR)**		490,437	271,762	54,593	90,900	2,763	60,369	2,852	7,198
S	105	**PLUS:**									
S	106	**OPERATING EXPENSES**									
S	107	Operation and Maintenance Expense	CALCULATED	1,558,280	940,945	212,869	243,967	5,461	141,630	4,485	8,921
S	108	Depreciation and Amortization Expense	SCH S, LN 58	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
S	109	Taxes Other Than Income Taxes-General	SCH S, LN 59	25,274	14,192	2,774	4,187	148	3,538	166	269
S	110	Taxes Other Than Income Taxes-GRT	CALCULATED	147,795	86,610	18,768	24,736	630	15,132	577	1,342
S	111	State and Federal Income Taxes	CALCULATED	85,965	48,171	9,673	15,496	491	10,516	493	1,125
S	112	**TOTAL OPERATING EXPENSES**		2,090,152	1,246,360	274,138	337,627	8,162	200,642	7,093	16,130
S	113										
S	114	**EQUALS TOTAL COST OF SERVICE**		2,580,589	1,518,122	328,732	428,526	10,925	261,010	9,945	23,328
S	115	**LESS:**									
S	116	Decommissioning Revenues	SCH S, LN 66	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
S	117	Other Operating Revenue	SCH S, LN 67	53,260	31,965	6,616	8,379	256	5,222	229	593
S	118	**EQUALS:**									
S	119	**OVERALL BASE RATES @ EQUALIZED ROR 7.68%**		2,531,188	1,487,292	322,404	420,973	10,704	257,285	9,777	22,753
S	120	**COST OF SERVICE OVERALL INCREASE/DECREASE W/O FORFEITED DISCOUNT**		245,985	165,450	28,017	30,579	1,052	22,137	116	(1,364)
S	121	**TOTAL COST OF SERVICE OVERALL INCREASE/DECREASE**		246,909	166,071	28,122	30,693	1,056	22,220	116	(1,369)
S	122			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	123										
S	124										
S	125										
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PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBP	1	**DEVELOPMENT OF RATE BASE**									
RBP	2	**ELECTRIC PLANT IN SERVICE**									
RBP	3	INTANGIBLE PLANT									
RBP	4	302-303-Franchise and consents & Misc Intang. Plant	TDPLT	146,780	79,516	16,092	28,482	818	18,476	884	2,513
RBP	5	302-	CUSTRES	0	0	0	0	0	0	0	0
RBP	6	303-	CUST	0	0	0	0	0	0	0	0
RBP	7	303-AMI Plant	CMETERS	85,972	61,038	9,202	12,033	313	3,346	40	0
RBP	8	TOTAL INTANGIBLE PLANT		232,753	140,554	25,295	40,515	1,131	21,822	923	2,513
RBP	9										
RBP	10	TRANSMISSION PLANT									
RBP	11	350-359 Accounts	DTRAN	0	0	0	0	0	0	0	0
RBP	12	361- Transmission Related Plant	DTRAN	0	0	0	0	0	0	0	0
RBP	13	TOTAL TRANSMISSION PLANT		0	0	0	0	0	0	0	0
RBP	14										
RBP	15	DISTRIBUTION PLANT									
RBP	16	360-Land & Land Rights	DDISPHT	45,126	19,485	4,512	8,618	352	11,353	550	256
RBP	17	361-Structures & Improvements	DDISPHT	220,410	95,171	22,040	42,094	1,721	55,450	2,685	1,250
RBP	18	362-Station Equipment	DDISPHT	1,179,459	509,277	117,939	225,254	9,207	296,725	14,366	6,691
RBP	19	364-Poles,Towers & Fixtures									
RBP	20	Primary HT	DDISPHT	488,429	210,898	48,840	93,281	3,813	122,878	5,949	2,771
RBP	21	Primary	DDISTPOL	291,059	170,699	39,531	75,500	3,086	0	0	2,243
RBP	22	Secondary	CDISTSOLC	300,520	230,545	34,130	27,010	0	0	0	8,835
RBP	23	Total Account 364		1,080,008	612,142	122,501	195,791	6,899	122,878	5,949	13,849
RBP	24	365-Overhead Conductors & Devices									
RBP	25	Primary HT	DDISPHT	893,625	385,857	89,357	170,665	6,976	224,816	10,884	5,069
RBP	26	Primary	DDISTPOL	532,518	312,309	72,325	138,135	5,646	0	0	4,103
RBP	27	Secondary	CDISTSULC	549,828	421,802	62,444	49,417	0	0	0	16,165
RBP	28	Total Account 365		1,975,971	1,119,968	224,126	358,216	12,622	224,816	10,884	25,338
RBP	29	366-Underground Conduit									
RBP	30	Primary HT	DDISPHT	377,318	162,922	37,730	72,060	2,945	94,925	4,596	2,140
RBP	31	Primary	DDISTPUL	110,608	64,869	15,022	28,692	1,173	0	0	852
RBP	32	Secondary	CDISTSOLC	155,680	119,430	17,681	13,992	0	0	0	4,577
RBP	33	Total Account 366		643,607	347,221	70,433	114,744	4,118	94,925	4,596	7,570
RBP	34	367-Underground Conductors & Devices									
RBP	35	Primary HT	DDISPHT	934,653	403,573	93,460	178,501	7,296	235,137	11,384	5,302
RBP	36	Primary	DDISTPUL	273,987	160,687	37,212	71,072	2,905	0	0	2,111
RBP	37	Secondary	CDISTSULC	385,635	295,841	43,797	34,660	0	0	0	11,338
RBP	38	Total Account 367		1,594,275	860,100	174,468	284,232	10,201	235,137	11,384	18,751
RBP	39	368-Line Transformers	DDISTSUT	770,400	456,664	105,754	201,983	0	0	0	5,999
RBP	40	369-Services	CSERVICE	462,459	270,602	40,060	148,838	390	2,569	0	0
RBP	41	370-Meters	CMETERS	352,706	250,412	37,753	49,366	1,285	13,727	163	0
RBP	42	371-Installation on Customer Premises	CUSTPREM	13,772	10,566	1,564	1,238	0	0	0	405
RBP	43	373-Street Lighting & Signal Systems	CLIGHT	63,728	0	0	0	0	0	0	63,728
RBP	44	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	3,296	1,786	361	640	18	415	20	56
RBP	45	TOTAL DISTRIBUTION PLANT		8,405,217	4,553,394	921,513	1,631,014	46,814	1,057,995	50,596	143,893
RBP	46										
RBP	47										
RBP	48										
RBP	49										
RBP	50										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBP	51	**ELECTRIC PLANT IN SERVICE CONTINUED**									
RBP	52										
RBP	53	GENERAL PLANT									
RBP	54	389-Land and Land Rights	SALWAGES	963	604	110	138	5	92	4	10
RBP	55	390-Structures and Improvements	SALWAGES	44,908	28,187	5,107	6,445	231	4,269	191	477
RBP	56	391-Office Furniture & Equipment	SALWAGES	37,177	23,334	4,228	5,336	191	3,534	158	395
RBP	57	393-Store Equipment	SALWAGES	42	26	5	6	0	4	0	0
RBP	58	394-Tools, Shop & Garage Equip.	SALWAGES	39,401	24,730	4,481	5,655	203	3,746	168	418
RBP	59	395-Laboratory Equipment	SALWAGES	369	232	42	53	2	35	2	4
RBP	60	397-Communication Equipment	SALWAGES	152,645	95,809	17,361	21,908	785	14,512	650	1,621
RBP	61	398-Miscellaneous Equipment / ARO	SALWAGES	163	102	18	23	1	15	1	2
RBP	62	399-Other Tangible Property	SALWAGES	1,543	968	175	221	8	147	7	16
RBP	63	TOTAL GENERAL PLANT		277,210	173,993	31,527	39,785	1,426	26,354	1,180	2,944
RBP	64										
RBP	65										
RBP	66	**TOTAL ELECTRIC PLANT IN SERVICE**		8,915,180	4,867,941	978,335	1,711,314	49,371	1,106,170	52,699	149,350
RBP	67										
RBP	68										
RBP	69										
RBP	70										
RBP	71										
RBP	72										
RBP	73										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBD	1	**LESS: ACCUMULATED DEPRECIATION**									
RBD	2										
RBD	3	INTANGIBLE PLANT ACCUMULATED DEPRECIATION	INTPLT	165,969	100,225	18,037	28,890	806	15,560	658	1,792
RBD	4										
RBD	5	TRANSMISSION PLANT ACCUMULATED DEPRECIATIOI	TRANPLT	0	0	0	0	0	0	0	0
RBD	6										
RBD	7	DISTRIBUTION PLANT ACCUMULATED DEPRECIATION									
RBD	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0
RBD	9	361-Structures & Improvements	PLT_361	45,247	19,537	4,524	8,641	353	11,383	551	257
RBD	10	362-Station Equipment	PLT_362	485,873	209,795	48,584	92,792	3,793	122,235	5,918	2,756
RBD	11	364-Poles,Towers & Fixtures	PLT_364	138,006	78,221	15,653	25,019	882	15,702	760	1,770
RBD	12	365-Overhead Conductors & Devices	PLT_365	310,088	175,756	35,172	56,215	1,981	35,280	1,708	3,976
RBD	13	366-Underground Conduit	PLT_366	177,967	96,012	19,476	31,729	1,139	26,248	1,271	2,093
RBD	14	367-Underground Conductors & Devices	PLT_367	224,564	121,151	24,575	40,036	1,437	33,121	1,604	2,641
RBD	15	368-Line Transformers	PLT_368	186,839	110,751	25,648	48,985	0	0	0	1,455
RBD	16	369-Services	PLT_369	189,472	110,867	16,413	60,980	160	1,053	0	0
RBD	17	370-Meters	PLT_370	178,397	126,657	19,095	24,969	650	6,943	82	0
RBD	18	371-Installation on Customer Premises	PLT_371	10,075	7,729	1,144	906	0	0	0	296
RBD	19	373-Street Lighting & Signal Systems	PLT_373	28,880	0	0	0	0	0	0	28,880
RBD	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	2,116	1,146	232	411	12	266	13	36
RBD	21	TOTAL DISTRIBUTION PLANT ACCUMULATED DEPRECIATION		1,977,526	1,057,623	210,518	390,682	10,406	252,230	11,907	44,161
RBD	22										
RBD	23	GENERAL PLANT ACCUMULATED DEPRECIATION	GENLPLT	108,234	67,934	12,310	15,534	557	10,290	461	1,150
RBD	24										
RBD	25	**TOTAL ACCUMULATED DEPRECIATION**		2,251,728	1,225,781	240,864	435,106	11,769	278,081	13,026	47,102
RBD	26										
RBD	27										
RBD	28										
RBD	29	**NET ELECTRIC PLANT IN SERVICE**		6,663,451	3,642,160	737,471	1,276,208	37,602	828,090	39,673	102,247
RBD	30										
RBD	31										
RBD	32										
RBD	33										
RBD	34										
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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBO	1	**ADDITIONS AND DEDUCTIONS TO RATE BASE**									
RBO	2										
RBO	3	**PLUS: ADDITIONS TO RATE BASE**									
RBO	4										
RBO	5	COMMON PLANT	SALWAGES	424,369	266,359	48,264	60,905	2,183	40,344	1,806	4,507
RBO	6										
RBO	7	**WORKING CAPITAL**									
RBO	8	Purchased Power Cash Working Capital	SCH RBC, LN 33	24,301	15,187	3,928	3,620	36	1,511	0	18
RBO	9	Transmission Cash Working Capital	SCH RBC, LN 44	9,820	4,745	691	1,788	74	2,407	108	7
RBO	10	Distribution									
RBO	11	Cash Working Capital	SCH RBC, LN 18	121,428	59,353	12,486	26,394	716	20,646	489	1,344
RBO	12	Materials and Supplies	TOTPLT	19,944	10,890	2,189	3,828	110	2,475	118	334
RBO	13	Total Distribution Working Capital		141,372	70,243	14,675	30,223	827	23,121	607	1,678
RBO	14	TOTAL WORKING CAPITAL		175,492	90,175	19,294	35,630	936	27,039	715	1,704
RBO	15	TOTAL ADDITIONS TO RATE BASE		599,862	356,534	67,558	96,535	3,119	67,383	2,521	6,211
RBO	16										
RBO	17	**LESS: DEDUCTIONS TO RATE BASE**									
RBO	18	Customer Deposits	CUSTDEP	49,195	17,129	3,815	24,398	152	3,701	0	0
RBO	19	Customer Advances for Construction	CUSTADV	1,707	948	191	307	11	219	11	21
RBO	20	Deferred Income Taxes and Credits									
RBO	21	Plant	TOTPLT	981,389	535,866	107,696	188,383	5,435	121,768	5,801	16,441
RBO	22	Common Plant	SALWAGES	20,872	13,100	2,374	2,995	107	1,984	89	222
RBO	23	Pension Asset & OPEB Contribution	SALWAGES	(128,977)	(80,953)	(14,669)	(18,511)	(664)	(12,262)	(549)	(1,370)
RBO	24	Unamortized AMR Investment	CMETERS	0	0	0	0	0	0	0	0
RBO	25	Contributions in Aid of Construction (CIAC)	CUSTADV	(46,770)	(25,969)	(5,226)	(8,419)	(299)	(5,988)	(290)	(579)
RBO	26	Total Deferred Income Taxes and Credits		826,514	442,044	90,175	164,448	4,580	105,503	5,051	14,714
RBO	27	TOTAL DEDUCTIONS TO RATE BASE		877,416	460,121	94,180	189,153	4,742	109,422	5,062	14,735
RBO	28										
RBO	29										
RBO	30	Total Distribution Additions to Rate Base		565,741	336,602	62,939	91,128	3,010	63,465	2,413	6,185
RBO	31										
RBO	32	TOTAL PURCHASED POWER RATE BASE		24,301	15,187	3,928	3,620	36	1,511	0	18
RBO	33	TOTAL TRANSMSSION RATE BASE		9,820	4,745	691	1,788	74	2,407	108	7
RBO	34	TOTAL DISTRIBUTION RATE BASE		6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
RBO	35										
RBO	36	**TOTAL RATE BASE**		6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
RBO	37										
RBO	38										
RBO	39										
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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBC	1	**CASH WORKING CAPITAL (LEAD LAG)**									
RBC	2	**DISTRIBUTION**									
RBC	3	O&M EXPENSE RELATED CASH WORKING CAPITAL									
RBC	4	Payroll (Distribution Only)	SALWAGES	171,625	107,722	19,519	24,632	883	16,316	730	1,823
RBC	5	Pension	SALWAGES	8,904	5,589	1,013	1,278	46	847	38	95
RBC	6	Other Expenses	OMXPPPP	562,564	323,889	66,348	94,576	2,861	66,492	3,080	5,318
RBC	7	TOTAL EXPENSES		743,093	437,200	86,880	120,485	3,790	83,655	3,849	7,235
RBC	8	POR Working Capital	POR	1,017,444	317,436	80,624	320,266	6,847	289,023	0	3,248
RBC	9	TOTAL EXPENSES PER DAY		4,823	2,067	459	1,208	29	1,021	11	29
RBC	10										
RBC	11	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		67,218	28,812	6,395	16,828	406	14,229	147	400
RBC	12										
RBC	13	AVERAGE PREPAYMENTS		5,442	3,198	618	923	28	567	28	81
RBC	14	DISTRIBUTION ACCRUED TAXES		62,517	34,850	6,982	11,283	359	7,556	395	1,093
RBC	15	INTEREST PAYMENTS	TOTPLT	(13,749)	(7,507)	(1,509)	(2,639)	(76)	(1,706)	(81)	(230)
RBC	16										
RBC	17										
RBC	18	NET DISTRIBUTION CASH WORKING CAPITAL REQUIREMENT		121,428	59,353	12,486	26,394	716	20,646	489	1,344
RBC	19										
RBC	20										
RBC	21	**PURCHASED POWER**									
RBC	22	O&M EXPENSE RELATED CASH WORKING CAPITAL									
RBC	23	Commodity Purchased - Contract Purchases	ENERGY1	684,441	427,760	110,644	101,946	1,008	42,562	0	521
RBC	24	Commodity Purchased - Spot Market Purchases	ENERGY1	5,486	3,429	887	817	8	341	0	4
RBC	25	TOTAL EXPENSES		689,927	431,189	111,530	102,763	1,016	42,904	0	525
RBC	26										
RBC	27	TOTAL EXPENSES PER DAY		1,890	1,181	306	282	3	118	0	1
RBC	28										
RBC	29	PP CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		24,301	15,187	3,928	3,620	36	1,511	0	18
RBC	30										
RBC	31	Energy ACCRUED TAXES	ENERGY1	0	0	0	0	0	0	0	0
RBC	32										
RBC	33	NET Energy CASH WORKING CAPITAL REQUIREMENT		24,301	15,187	3,928	3,620	36	1,511	0	18
RBC	34										
RBC	35	**TRANSMISSION**									
RBC	36	O&M EXPENSE - PJM Transmission Purchase	DTRAN	100,124	48,377	7,047	18,232	751	24,543	1,102	71
RBC	37										
RBC	38	TOTAL EXPENSES PER DAY		274	133	19	50	2	67	3	0
RBC	39										
RBC	40	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		9,820	4,745	691	1,788	74	2,407	108	7
RBC	41										
RBC	42	TRANSMISSION ACCRUED TAXES	DTRAN	0	0	0	0	0	0	0	0
RBC	43										
RBC	44	NET TRANSMISSION CASH WORKING CAPITAL REQUIREMENT		9,820	4,745	691	1,788	74	2,407	108	7
RBC	45										
RBC	46										
RBC	47	NET TOTAL CASH WORKING CAPITAL REQUIREMENT		155,548	79,285	17,106	31,802	826	24,564	597	1,370
RBC	48										
RBC	49										
RBC	50										

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		(a)	(b)		(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBC	1	**CASH WORKING CAPITAL (LEAD LAG) CONTINUED**										
RBC	2											
RBC	3	**LAG/LEAD DAYS**			**NET DAYS**							
RBC	4	REVENUE LAG DAYS		48.30								
RBC	5	EXPENSE LAG DAYS		33.80	14.50							
RBC	6	PURCHASED POWER REVENUE LAG DAYS		48.30								
RBC	7	PURCHASED POWER EXP LAG DAYS		35.44	12.86							
RBC	8	TRANSMISSION REVENUE LAG DAYS		48.30								
RBC	9	TRANSMISSION EXP LAG DAYS		12.50	35.80							
RBC	10	DISTRIBUTION REVENUE LAG DAYS		48.30								
RBC	11	DISTRIBUTION LAG DAYS		34.36	13.94							
RBC	12											
RBC	13											
RBC	14											
RBC	15											
RBC	16	DISTRIBUTION ACCRUED TAXES										
RBC	17	Federal Income Tax	EBT		604,704	260,979	64,977	149,821	4,358	96,131	6,959	21,478
RBC	18	State Income Tax	EBT		285,646	123,280	30,693	70,772	2,058	45,410	3,287	10,146
RBC	19	PURTA Taxes	PLT_3601		679,320	293,323	67,928	129,737	5,303	170,901	8,274	3,854
RBC	20	Capital Stock	CAPSTOCK		0	0	0	0	0	0	0	0
RBC	21	PA & Local Use Taxes	CLAIMREV		0	0	0	0	0	0	0	0
RBC	22	PA Property tax	TOTPLT		417,511	227,973	45,817	80,143	2,312	51,804	2,468	6,994
RBC	23	PA Corp Loan Tax	TOTPLT		0	0	0	0	0	0	0	0
RBC	24	Philadelphia BPT	SALESREV		0	0	0	0	0	0	0	0
RBC	25	Local Privilege Tax	SALESREV		0	0	0	0	0	0	0	0
RBC	26	Gross Receipts Tax	SALESREV		20,831,566	11,814,631	2,338,872	3,687,724	116,824	2,393,711	123,253	356,552
RBC	27	Lag Day Weighted Accrued Taxes			22,818,747	12,720,186	2,548,287	4,118,197	130,855	2,757,957	144,241	399,024
RBC	28	Total Accrued Taxes CWC			62,517	34,850	6,982	11,283	359	7,556	395	1,093
RBC	29											
RBC	30	DISTRIBUTION AVERAGE PREPAYMENTS										
RBC	31	Customer Experience	CUST		45	35	5	4	0	0	0	0
RBC	32	EEI and EPRI Dues	CLAIMREV		420	247	53	70	2	43	2	4
RBC	33	PUC Assess - Electric	SALESREV		2,984	1,692	335	528	17	343	18	51
RBC	34	Prepaid Rents and Pole Attachment Fees	PLT_364		468	265	53	85	3	53	3	6
RBC	35	Land Leasing	DISTPLT		107	58	12	21	1	13	1	2
RBC	36	Equipment Maintenance	DISTPLT		60	32	7	12	0	7	0	1
RBC	37	Business Support System	CUST		257	201	30	24	0	0	0	2
RBC	38	VEBA Adjustment	SALWAGES		213	134	24	31	1	20	1	2
RBC	39	Facilities Contracts	DISTPLT		19	10	2	4	0	2	0	0
RBC	40	IT Service Contracts	TOTPLT		615	336	67	118	3	76	4	10
RBC	41	Fleet Activities	GENLPLT		79	50	9	11	0	8	0	1
RBC	42	Postage	CUSTBILLS		176	138	20	16	0	0	0	1
RBC	43	TOTAL AVERAGE PREPAYMENTS			5,442	3,198	618	923	28	567	28	81
RBC	44											
RBC	45											
RBC	46											
RBC	47											
RBC	48											
RBC	49											
RBC	50											

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RBC	51	**OPERATING REVENUES**									
RBC	52										
RBC	53	**SALES REVENUES**									
RBC	54	Sales of Electricity Revenues - Base		1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
RBC	55	Sales of Electricity Revenues - Nuclear Decommissioning	ENERGY2	(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
RBC	56	Transmission Revenues	DTRANR	172,082	80,528	20,539	37,127	866	31,408	1,543	71
RBC	57	Purchased Electric Revenues	ENERGY1	741,120	463,184	119,806	110,388	1,092	46,087	0	564
RBC	58	TOTAL SALES OF ELECTRICITY		2,281,343	1,320,708	294,099	389,569	9,617	233,652	9,601	24,099
RBC	59										
RBC	60	**OTHER OPERATING REVENUES**									
RBC	61	Unbilled and Cost Adjustment Revenue	SALESREV	0	0	0	0	0	0	0	0
RBC	62	450-Forfeited Discounts	OX_904	12,795	9,441	2,103	836	16	394	0	4
RBC	63	454-Rent from Electric Property	PLT_364	19,219	10,893	2,180	3,484	123	2,187	106	246
RBC	64	456-Other Electric Revenues	DISTPLT	20,323	11,009	2,228	3,944	113	2,558	122	348
RBC	65	TOTAL OTHER OPERATING REV		52,337	31,344	6,511	8,264	252	5,139	228	598
RBC	66										
RBC	67	**TOTAL OPERATING REVENUES**		2,333,680	1,352,052	300,610	397,833	9,869	238,791	9,829	24,697
RBC	68										
RBC	69										
RBC	70										
RBC	71										
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RBC	73										
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RBC	99										
RBC	100										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
E	1	**OPERATION & MAINTENANCE EXPENSE**									
E	2										
E	3	PRODUCTION EXPENSE									
E	4	Other Power Supply									
E	5	555 - Purchased Power - Capacity	ENERGY1	689,927	431,189	111,530	102,763	1,016	42,904	0	525
E	6	Total Other Power Supply		689,927	431,189	111,530	102,763	1,016	42,904	0	525
E	7	TOTAL PRODUCTION EXPENSE		689,927	431,189	111,530	102,763	1,016	42,904	0	525
E	8										
E	9	TRANSMISSION EXPENSES									
E	10	Operation Expense	DTRANR	161,192	75,432	19,239	34,777	811	29,420	1,445	66
E	11	Maintenance Expense	DTRAN	0	0	0	0	0	0	0	0
E	12	TOTAL TRANSMISSION EXPENSE		161,192	75,432	19,239	34,777	811	29,420	1,445	66
E	13										
E	14	DISTRIBUTION EXPENSES									
E	15	Operation									
E	16	580-Supervision	SALWAGDO	1,120	700	125	177	5	96	4	13
E	17	581-Load Dispatch	DISTPLT	0	0	0	0	0	0	0	0
E	18	582-Station Equipment	PLT_362	640	276	64	122	5	161	8	4
E	19	583-Overhead Lines	OHDIST	17,204	9,751	1,951	3,119	110	1,957	95	221
E	20	584-Underground Lines	UGDIST	11,485	6,196	1,257	2,048	73	1,694	82	135
E	21	585-Street Lighting	PLT_3713	0	0	0	0	0	0	0	0
E	22	586-Metering	CMETERS	5,354	3,801	573	749	20	208	2	0
E	23	587-Customer Installations	CUST	9,857	7,719	1,143	904	2	16	0	73
E	24	588-Miscellaneous	DISTPLT	68,272	36,985	7,485	13,248	380	8,594	411	1,169
E	25	589-Rents	DISTPLT	3,139	1,701	344	609	17	395	19	54
E	26	Total Distribution Operation		117,072	67,130	12,942	20,977	613	13,121	622	1,668
E	27										
E	28	Maintenance									
E	29	590-Supervision	SALWAGDM	0	0	0	0	0	0	0	0
E	30	591-Structures	PLT_361	1,973	852	197	377	15	496	24	11
E	31	592-Station Equipment	PLT_362	16,530	7,138	1,653	3,157	129	4,159	201	94
E	32	593-Overhead Lines	OHDIST	198,275	112,381	22,490	35,945	1,267	22,559	1,092	2,542
E	33	594-Underground Lines	UGDIST	29,013	15,652	3,175	5,173	186	4,279	207	341
E	34	595-Transformers	PLT_368	1,500	889	206	393	0	0	0	12
E	35	596-Street Lighting	PLT_373	1,023	0	0	0	0	0	0	1,023
E	36	597-Metering	CMETERS	0	0	0	0	0	0	0	0
E	37	598-Miscellaneous	DISTPLT	14,304	7,749	1,568	2,776	80	1,801	86	245
E	38	Total Distribution Maintenance		262,619	144,661	29,289	47,820	1,676	33,293	1,611	4,269
E	39										
E	40	TOTAL DISTRIBUTION PLANT O&M EXPENSES		379,691	211,792	42,231	68,797	2,289	46,414	2,232	5,936
E	41	TOTAL PURCHASED POWER O&M EXPENSES		689,927	431,189	111,530	102,763	1,016	42,904	0	525
E	42	TOTAL TRANSMISSION O&M EXPENSES		161,192	75,432	19,239	34,777	811	29,420	1,445	66
E	43										
E	44	TOTAL OPER & MAINT EXP (PROD,TRAN,& DIST)		1,230,810	718,413	173,001	206,337	4,117	118,738	3,678	6,527
E	45										
E	46										
E	47										
E	48										
E	49										
E	50										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
E	51	**OPERATION & MAINTENANCE EXPENSE CONTINUED**									
E	52										
E	53	CUSTOMER ACCOUNTS EXPENSES									
E	54	901-Supervision	SALWAGCA	0	0	0	0	0	0	0	0
E	55	902-Meter Reading	CMETERS	338	240	36	47	1	13	0	0
E	56	903-Customer Records and Collection Expense	CUSTREC	81,794	62,454	9,823	6,260	311	2,501	36	409
E	57	904-Uncollectible Accounts	EXP_904	38,985	28,767	6,407	2,549	49	1,201	0	12
E	58	905-Miscellaneous CA	CUSTCAM	5,916	4,633	686	543	1	9	0	44
E	59	TOTAL CUSTOMER ACCTS EXPENSE		127,033	96,094	16,952	9,398	363	3,725	36	465
E	60										
E	61										
E	62	CUSTOMER SERVICE EXPENSES									
E	63	907-Supervision	SALWAGCS	0	0	0	0	0	0	0	0
E	64	908-Customer Assistance	CUSTASST	10,255	8,679	1,285	230	2	42	0	17
E	65	909-Informational Advertisement	CUSTADVT	1,351	1,058	157	124	0	2	0	10
E	66	910-Miscellaneous CS	CUSTCSM	134	105	16	12	0	0	0	1
E	67	TOTAL CUSTOMER SERVICE EXPENSE		11,740	9,842	1,457	367	2	45	0	28
E	68										
E	69	SALES EXPENSES TOTAL (ACCT 912 & 916)	CUSTSALES	1,740	0	0	632	27	1,081	0	0
E	70										
E	71	TOTAL OPER & MAINT EXCL A&G		1,371,323	824,349	191,410	216,734	4,508	123,588	3,713	7,019
E	72										
E	73	ADMINISTRATIVE & GENERAL EXPENSE									
E	74	920-Administrative Salaries	SALWAGES	43,926	27,570	4,996	6,304	226	4,176	187	467
E	75	921-Office Supplies & Expense	SALWAGES	7,005	4,397	797	1,005	36	666	30	74
E	76	923-Outside Service Employed	SALWAGES	66,461	41,715	7,559	9,538	342	6,318	283	706
E	77	924-Property Insurance	DGPLT	499	272	55	96	3	62	3	8
E	78	925-Injuries and Damages	SALWAGES	9,963	6,253	1,133	1,430	51	947	42	106
E	79	926-Employee Pensions & Benefits	SALWAGES	32,503	20,401	3,697	4,665	167	3,090	138	345
E	80	928-Regulatory Commission	CLAIMREV	8,376	4,922	1,067	1,393	35	851	32	75
E	81	929-Duplicate Charges-Credit	CLAIMREV	(675)	(397)	(86)	(112)	(3)	(69)	(3)	(6)
E	82	930.2-Miscellaneous General									
E	83	R/RH	SREVRRH	1,586	1,324	262	0	0	0	0	0
E	84	GS	SREVGS	300	0	0	300	0	0	0	0
E	85	GS/PD/HT	SREVGSPDHT	192	0	0	114	4	74	0	0
E	86	HT/PD	SREVPDHT	333	0	0	0	16	318	0	0
E	87	All Other	CLAIMREV	7,726	4,540	984	1,285	33	785	30	69
E	88	Total 930.2-Miscellaneous General		10,137	5,864	1,246	1,699	52	1,177	30	69
E	89	935-Maintenance of General Plant	GENLPLT	6,529	4,098	743	937	34	621	28	69
E	90	TOTAL A&G EXPENSE		184,723	115,094	21,205	26,956	943	17,840	771	1,914
E	91										
E	92	**TOTAL DISTIBUTION OPERATION & MAINTENANCE EXPENSES**		704,927	432,822	81,845	106,150	3,624	69,105	3,039	8,343
E	93										
E	94	**TOTAL OPERATION & MAINTENANCE EXPENSES**		1,556,046	939,443	212,615	243,690	5,451	141,429	4,484	8,934
E	95										
E	96										
E	97										
E	98										
E	99										
E	100										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
D	1	**DEPRECIATION / AMORTIZATION EXPENSE**									
D	2										
D	3	INTANGIBLE PLANT EXPENSE	INTPLT	46,293	27,955	5,031	8,058	225	4,340	184	500
D	4										
D	5	TRANSMISSION PLANT EXPENSE	TRANPLT	0	0	0	0	0	0	0	0
D	6										
D	7	DISTRIBUTION PLANT EXPENSE									
D	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0
D	9	361-Structures & Improvements	PLT_361	4,803	2,074	480	917	37	1,208	59	27
D	10	362-Station Equipment	PLT_362	21,476	9,273	2,147	4,102	168	5,403	262	122
D	11	364-Poles,Towers & Fixtures	PLT_364	24,299	13,773	2,756	4,405	155	2,765	134	312
D	12	365-Overhead Conductors & Devices	PLT_365	43,461	24,633	4,930	7,879	278	4,945	239	557
D	13	366-Underground Conduit	PLT_366	10,513	5,671	1,150	1,874	67	1,550	75	124
D	14	367-Underground Conductors & Devices	PLT_367	34,519	18,623	3,778	6,154	221	5,091	246	406
D	15	368-Line Transformers	PLT_368	17,743	10,517	2,436	4,652	0	0	0	138
D	16	369-Services	PLT_369	8,597	5,030	745	2,767	7	48	0	0
D	17	370-Meters	PLT_370	20,619	14,639	2,207	2,886	75	803	10	0
D	18	371-Installation on Customer Premises	PLT_371	5	4	1	0	0	0	0	0
D	19	373-Street Lighting & Signal Systems	PLT_373	1,878	0	0	0	0	0	0	1,878
D	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	0	0	0	0	0	0	0	0
D	21	TOTAL DISTRIBUTION PLANT EXPENSE		187,912	104,237	20,629	35,636	1,009	21,813	1,024	3,564
D	22										
D	23	GENERAL PLANT EXPENSE	GENLPLT	19,927	12,507	2,266	2,860	103	1,894	85	212
D	24										
D	25	COMMON PLANT DEPRECIATION AND AMORTIZATION	SALWAGES	18,707	11,741	2,128	2,685	96	1,778	80	199
D	26										
D	27										
D	28	**TOTAL DEPRECIATION / AMORTIZATION EXPENSE**		272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
D	29										
D	30										
D	31										
D	32										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
TO	1	**OTHER OPERATING EXPENSES**									
TO	2										
TO	3	**TAXES OTHER THAN INCOME TAXES**									
TO	4	**General Taxes**									
TO	5	PURTA Taxes	PLT_3601	6,273	2,708	627	1,198	49	1,578	76	36
TO	6	Capital Stock	CAPSTOCK	0	0	0	0	0	0	0	0
TO	7	Payroll Related	SALWAGES	13,342	8,374	1,517	1,915	69	1,268	57	142
TO	8	PA & Local Use Tax	CLAIMREV	460	270	59	77	2	47	2	4
TO	9	PA Property Tax	TOTPLT	5,200	2,839	571	998	29	645	31	87
TO	10	PA Corporate LoanTax	TOTPLT	0	0	0	0	0	0	0	0
TO	11	Total General Taxes		25,274	14,192	2,774	4,187	148	3,538	166	269
TO	12										
TO	13										
TO	14	**Gross Receipt Tax**									
TO	15										
TO	16	Purchased Power									
TO	17	Retail Revenue	SCH RBC, LN 57	741,120	463,184	119,806	110,388	1,092	46,087	0	564
TO	18	Forfeited Discounts		0							
TO	19	Less: Bad Debt		0							
TO	20	Total Purchased Power Revenue	CALCULATED	741,120	463,184	119,806	110,388	1,092	46,087	0	564
TO	21	Total Purchased Power @ GRT Rate 5.90%	CALCULATED	43,726	27,328	7,069	6,513	64	2,719	0	33
TO	22										
TO	23	Transmission									
TO	24	Retail Revenue	SCH RBC, LN 56	172,082	80,528	20,539	37,127	866	31,408	1,543	71
TO	25	Forfeited Discounts		0							
TO	26	Less: Bad Debt		0							
TO	27	Total Transmission Revenue	CALCULATED	172,082	80,528	20,539	37,127	866	31,408	1,543	71
TO	28	Total Transmission @ GRT Rate 5.90%	CALCULATED	10,153	4,751	1,212	2,190	51	1,853	91	4
TO	29										
TO	30	Distribution									
TO	31	Retail Revenue		1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
TO	32	Forfeited Discounts	SCH RBC, LN 62	12,795	9,441	2,103	836	16	394	0	4
TO	33	Less: Bad Debt	SCH E, LN 57	38,985	28,767	6,407	2,549	49	1,201	0	12
TO	34	Total Distribution Revenue	CALCULATED	1,345,810	758,805	149,738	241,167	7,661	156,846	8,118	23,475
TO	35	Total Distribution @ GRT Rate 5.90%	CALCULATED	79,403	44,769	8,835	14,229	452	9,254	479	1,385
TO	36										
TO	37	Total Gross Receipts Tax		133,282	76,848	17,115	22,932	568	13,826	570	1,422
TO	38										
TO	39	TOTAL PURCHASED POWER TOIT EXPENSES		43,726	27,328	7,069	6,513	64	2,719	0	33
TO	40	TOTAL TRANSMISSION TOIT EXPENSES		10,153	4,751	1,212	2,190	51	1,853	91	4
TO	41	TOTAL DISTRIBUTION TOIT EXPENSES		104,677	58,961	11,608	18,416	600	12,792	645	1,654
TO	42										
TO	43	**TOTAL TAXES OTHER THAN INCOME**		158,556	91,040	19,889	27,120	716	17,365	736	1,691
TO	44										
TO	45										
TO	46										
TO	47										
TO	48										
TO	49										
TO	50										

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
TI	1	**DEVELOPMENT OF DISTRIBUTION INCOME TAXES**									
TI	2										
TI	3	TOTAL DISTRIBUTION OPERATING REVENUES		1,420,478	808,340	160,264	250,318	7,911	161,296	8,286	24,063
TI	4	LESS:									
TI	5	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 92	704,927	432,822	81,845	106,150	3,624	69,105	3,039	8,343
TI	6	DEPRECIATION AND AMORTIZATION EXPENSE	SCH D, LN 28	272,838	156,441	30,054	49,239	1,432	29,826	1,372	4,474
TI	7	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 41	104,677	58,961	11,608	18,416	600	12,792	645	1,654
TI	8	NET OPERATING INCOME BEFORE TAXES		338,035	160,115	36,757	76,513	2,255	49,573	3,230	9,593
TI	9	LESS:									
TI	10	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		116,238	64,391	12,924	21,561	656	14,313	678	1,715
TI	11										
TI	12	**BASE TAXABLE DISTRIBUTION INCOME**		221,798	95,724	23,833	54,953	1,598	35,260	2,552	7,878
TI	13										
TI	14										
TI	15	**CALCULATION OF PA STATE INCOME TAXES**									
TI	16	BASE TAXABLE INCOME	SCH TI, LN 12	221,798	95,724	23,833	54,953	1,598	35,260	2,552	7,878
TI	17	LESS:									
TI	18	State Tax Depreciation (Over) Under Book	TOTPLT	313	171	34	60	2	39	2	5
TI	19	Other Adjustment	TOTPLT	74,287	40,563	8,152	14,260	411	9,217	439	1,244
TI	20	Repair Allowance Deduction	TOTPLT	128,000	69,892	14,046	24,570	709	15,882	757	2,144
TI	21	PA STATE TAXABLE DISTRIBUTION INCOME		19,198	(14,901)	1,600	16,063	476	10,122	1,355	4,484
TI	22	NOL Utilization	TOTPLT	(10,711)	(5,849)	(1,175)	(2,056)	(59)	(1,329)	(63)	(179)
TI	23	**PA STATE INCOME TAXES @ Tax Rate 9.99%**		848	(2,073)	42	1,399	42	878	129	430
TI	24	**PLUS:**									
TI	25	**DEFERRED STATE INCOME TAXES**									
TI	26	State Deferred Taxes	TOTPLT	53,123	29,007	5,830	10,197	294	6,591	314	890
TI	27	**DEFERRED STATE INCOME TAXES @ Tax Rate 9.99%**		5,307	2,898	582	1,019	29	658	31	89
TI	28	**TOTAL DISTRIBUTION STATE INCOME TAX EXPENSE**		6,155	825	625	2,418	71	1,537	160	519
TI	29										
TI	30	**CALCULATION OF FEDERAL INCOME TAXES**									
TI	31	BASE TAXABLE INCOME	SCH TI, LN 12	221,798	95,724	23,833	54,953	1,598	35,260	2,552	7,878
TI	32	LESS:									
TI	33	PA State Income Taxes		848	(2,073)	42	1,399	42	878	129	430
TI	34	Federal Tax Depreciation (Over) Under Book	TOTPLT	(24,840)	(13,564)	(2,726)	(4,768)	(138)	(3,082)	(147)	(416)
TI	35	Other Adjustment	TOTPLT	74,287	40,563	8,152	14,260	411	9,217	439	1,244
TI	36	Repair Allowance Deduction	TOTPLT	128,000	69,892	14,046	24,570	709	15,882	757	2,144
TI	37	FEDERAL TAXALBE DISTRIBUTION INCOME		43,504	906	4,318	19,492	574	12,364	1,374	4,475
TI	38	**FEDERAL INCOME TAXES @ Tax Rate 21.00%**		9,136	190	907	4,093	121	2,597	289	940
TI	39	**PLUS:**									
TI	40	**DEFERRED FEDERAL INCOME TAXES**									
TI	41	Federal Deferred Taxes	TOTPLT	9,550	5,214	1,048	1,833	53	1,185	56	160
TI	42	**DEFERRED FEDERAL INCOME TAXES @ Tax Rate 21.00%**		2,005	1,095	220	385	11	249	12	34
TI	43	**LESS:**									
TI	44	**OTHER TAX ADJUSTMENTS**									
TI	45	Electric Plant	TOTPLT	0	0	0	0	0	0	0	0
TI	46	Common Plant	SALWAGES	0	0	0	0	0	0	0	0
TI	47	Consolidated Income Tax Adjustment	EBT	20	9	2	5	0	3	0	1
TI	48	**TOTAL DISTRIBUTION FEDERAL INCOME TAX EXPENSE**		11,121	1,277	1,125	4,473	132	2,842	300	973
TI	49	**TOTAL DISTRIBUTION INCOME TAX EXPENSE**		17,276	2,102	1,749	6,891	203	4,379	461	1,492
TI	50										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
TI	51	**DEVELOPMENT OF INCOME TAXES CONTINUED**									
TI	52										
TI	53	**DEVELOPMENT OF PURCHASED POWER TAXES**									
TI	54	PURCHASED POWER OPERATING REVENUES	SCH RBC, LN 57	741,120	463,184	119,806	110,388	1,092	46,087	0	564
TI	55	LESS:									
TI	56	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 41	689,927	431,189	111,530	102,763	1,016	42,904	0	525
TI	57	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 39	43,726	27,328	7,069	6,513	64	2,719	0	33
TI	58	NET OPERATING INCOME BEFORE TAXES		7,467	4,667	1,207	1,112	11	464	0	6
TI	59	LESS:									
TI	60	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		445	278	72	66	1	28	0	0
TI	61	**BASE TAXABLE PURCHASED POWER INCOME**		7,022	4,389	1,135	1,046	10	437	0	5
TI	62	LESS:									
TI	63	**PA STATE PURCHASED PWR INCOME TAXES @ Tax Rate 9.99%**		702	438	113	104	1	44	0	1
TI	64	EQUALS:									
TI	65	**FEDERAL PURCHASED PWR INCOME TAXES @ Tax Rate 21.00%**		1,327	830	215	198	2	83	0	1
TI	66	Additional Purchase Power Expense NOL		0	0	0	0	0	0	0	0
TI	67										
TI	68	**DEVELOPMENT OF TRANSMISSION TAXES**									
TI	69	TRANSMISSION OPERATING REVENUES	SCH RBC, LN 56	172,082	80,528	20,539	37,127	866	31,408	1,543	71
TI	70	LESS:									
TI	71	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 42	161,192	75,432	19,239	34,777	811	29,420	1,445	66
TI	72	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 40	10,153	4,751	1,212	2,190	51	1,853	91	4
TI	73	NET OPERATING INCOME BEFORE TAXES		738	345	88	159	4	135	7	0
TI	74	LESS:									
TI	75	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		180	87	13	33	1	44	2	0
TI	76	**BASE TAXABLE TRANSMISSION INCOME**		558	258	75	126	2	91	5	0
TI	77	LESS:									
TI	78	**PA STATE TRANSMISSION INCOME TAXES @ Tax Rate 9.99%**		56	26	8	13	0	9	0	0
TI	79	EQUALS:									
TI	80	**FEDERAL TRANSMISSION INCOME TAXES @ Tax Rate 21.00%**		105	49	14	24	0	17	1	0
TI	81										
TI	82	**TOTAL PA INCOME TAX EXPENSE**		6,912	1,289	746	2,535	72	1,590	161	519
TI	83	**TOTAL FEDERAL INCOME TAX EXPENSE**		12,554	2,155	1,353	4,695	134	2,942	301	974
TI	84	**TOTAL INCOME TAX EXPENSE**		19,466	3,444	2,099	7,230	206	4,531	462	1,493
TI	85										
TI	86										
TI	87										
TI	88										
TI	89	**TAX RATES**									
TI	90	GROSS RECEIPTS TAX RATE	5.90%								
TI	91	STATE TAX RATE	9.99%								
TI	92	UNCOLLECTIBLE EXPENSES	0.00562								
TI	93	FEDERAL TAX RATE - CURRENT	21.00%								
TI	94	PUC / OCA & SBA ASSESSMENT RATE	0.0035								
TI	95	EFFECTIVE TAX RATE	28.8921%								
TI	96	LPC RATE	0.003755								
TI	97	GROSS REVENUE CONVERSION FACTOR	1.502995								
TI	98	**WEIGHTED COST OF DEBT**	1.8300%								
TI	99										
TI	100										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
SW	1	**DEVELOPMENT OF SALARIES & WAGES ALLOCATION FACTOR**									
SW	2										
SW	3	**PRODUCTION OTHER SALARIES & WAGES EXPENSE**									
SW	4	555-Purchased Power	OX_PROD	0	0	0	0	0	0	0	0
SW	5	TOTAL PRODUCTION OTHER SAL & WAG EXP		0	0	0	0	0	0	0	0
SW	6										
SW	7	**TRANSMISSION SALARIES & WAGES EXPENSE**									
SW	8	Operation	OX_TRAN	0	0	0	0	0	0	0	0
SW	9	Maintenance	MX_TRAN	0	0	0	0	0	0	0	0
SW	10	TOTAL TRANSMISSION		0	0	0	0	0	0	0	0
SW	11										
SW	12	**DISTRIBUTION SALARIES & WAGES EXPENSE**									
SW	13	Operation									
SW	14	583-Overhead Lines	OX_583	2,490	1,412	282	451	16	283	14	32
SW	15	584-Underground Lines	OX_584	2,472	1,333	270	441	16	365	18	29
SW	16	586-Metering	OX_586	2,221	1,577	238	311	8	86	1	0
SW	17	587-Customer Installations	OX_587	5,126	4,014	594	470	1	8	0	38
SW	18	588-Miscellaneous	OX_588	7,633	4,135	837	1,481	43	961	46	131
SW	19	Total Operation		19,942	12,471	2,222	3,155	84	1,703	78	230
SW	20	Maintenance									
SW	21	591-Structures	MX_591	1,171	506	117	224	9	295	14	7
SW	22	592-Station Equipment	MX_592	7,980	3,445	798	1,524	62	2,007	97	45
SW	23	593-Overhead Lines	MX_593	37,814	21,433	4,289	6,855	242	4,302	208	485
SW	24	594-Underground Lines	MX_594	14,267	7,697	1,561	2,544	91	2,104	102	168
SW	25	595-Transformers	MX_595	343	204	47	90	0	0	0	3
SW	26	596-Street Lighting	MX_596	141	0	0	0	0	0	0	141
SW	27	598-Miscellaneous	MX_598	4,050	2,194	444	786	23	510	24	69
SW	28	Total Maintenance		65,765	35,478	7,256	12,022	427	9,218	446	918
SW	29	TOTAL DISTRIBUTION		85,708	47,949	9,478	15,177	510	10,922	524	1,147
SW	30										
SW	31	**CUSTOMER ACCOUNTS SAL & WAGES EXP**									
SW	32	903-Customer Records and Collection Expense	CUSTREC	37,518	28,647	4,506	2,871	143	1,147	16	188
SW	33	905-Miscellaneous CA	CUSTCAM	1,411	1,105	164	129	0	2	0	10
SW	34	**TOTAL CUSTOMER ACCOUNTS SAL & WAGES EXP**		38,928	29,752	4,669	3,001	143	1,150	16	198
SW	35										
SW	36	**CUSTOMER SERVICE SAL & WAGES EXP**									
SW	37	908-Customer Assistance	CUSTASST	1,764	1,493	221	40	0	7	0	3
SW	38	909-Advertisement	CUSTADVT	0	0	0	0	0	0	0	0
SW	39	910-Miscellaneous CS	CUSTCSM	(2)	(1)	(0)	(0)	(0)	(0)	(0)	(0)
SW	40	TOTAL CUSTOMER SERVICE SAL & WAGES EXP		1,763	1,492	221	39	0	7	0	3
SW	41										
SW	42	**SALES EXPENSE (ACCT 912&916)**	OX_CS	915	767	114	29	0	3	0	2
SW	43										
SW	44	**ADMINISTRATIVE & GENERAL SALARIES & WAGES EX**	SALWAGXAG	44,311	27,762	5,037	6,386	229	4,234	190	473
SW	45	**TOT OPER & MAINTENANCE LABOR**		171,625	107,722	19,519	24,632	883	16,316	730	1,823
SW	46										
SW	47										
SW	48										
SW	49										
SW	50										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	1	**ALLOCATION FACTOR TABLE**									
AF	2	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**									
AF	3										
AF	4	**DEMAND**									
AF	5	DEMAND - PRODUCTION RELATED									
AF	6	Demand Production	DPROD	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
AF	7										
AF	8										
AF	9										
AF	10										
AF	11	DEMAND - TRANSMISSION RELATED									
AF	12	Demand Transmission (1 Coincident Peak)	DTRAN	8,147,905	3,936,848	573,449	1,483,729	61,105	1,997,280	89,696	5,798
AF	13										
AF	14	Demand Transmission (Revenue)	DTRANR	172,082	80,528	20,539	37,127	866	31,408	1,543	71
AF	15										
AF	16										
AF	17										
AF	18										
AF	19										
AF	20	DEMAND - DISTRIBUTION RELATED (Non-Coincident Peak Demand)									
AF	21	Demand Distribution Primary High Tension	DDISPHT	9,161,816	3,955,972	916,127	1,749,730	71,520	2,304,905	111,591	51,972
AF	22	Demand Distribution Primary Overhead Lines	DDISTPOL	6,745,320	3,955,972	916,127	1,749,730	71,520	0	0	51,972
AF	23	Demand Distribution Primary Underground Lines	DDISTPUL	6,745,320	3,955,972	916,127	1,749,730	71,520	0	0	51,972
AF	24										
AF	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	26	Demand Distribution Secondary Underground Lines	DDISTSUL	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	27	Demand Distribution Overhead Line Transformers	DDISTSOT	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	28	Demand Distribution Underground Line Transformers	DDISTSUT	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	29										
AF	30										
AF	31										
AF	32										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	51	**ALLOCATION FACTOR TABLE CONTINUED**									
AF	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**									
AF	53										
AF	54	**ENERGY**									
AF	55	Energy Revenue at pro-forma adjusted level	ENERGY1	741,120	463,184	119,806	110,388	1,092	46,087	0	564
AF	56	Energy @ Meter (MWh Sales)	ENERGY2	36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
AF	57										
AF	58										
AF	59										
AF	60										
AF	61										
AF	62										
AF	63										
AF	64										
AF	65	**CUSTOMER**									
AF	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL	6,673,800	3,955,972	916,127	1,749,730	0	0	0	51,972
AF	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixtures	CDISTSOLC	1,733,649	1,329,973	196,892	155,814	0	0	0	50,970
AF	67	365 & 367 - Cust. Dist. Secondary Conductors & Devices (	CDISTSULC	1,733,649	1,329,973	196,892	155,814	0	0	0	50,970
AF	68										
AF	69	369-Services	CSERVICE	6,315,528	3,695,448	547,081	2,032,593	5,322	35,083	0	0
AF	70	370-Meters	CMETERS	325,535	231,120	34,845	45,563	1,186	12,670	150	0
AF	71	371-Installation on Customer Premises	CUSTPREM	1,733,649	1,329,973	196,892	155,814	0	0	0	50,970
AF	72	373-Street Lighting & Signal Systems	CLIGHT	1	0	0	0	0	0	0	1
AF	73										
AF	74	Customer Deposits	CUSTDEP	1.0000	0.3482	0.0775	0.4959	0.0031	0.0752	0.0000	0.0000
AF	75										
AF	76										
AF	77	903-Customer Records and Collections	CUSTREC	1.0000	0.7636	0.1201	0.0765	0.0038	0.0306	0.0004	0.0050
AF	78	905-Miscellaneous Customer Accounts	CUSTCAM	1,698,365	1,329,973	196,892	155,814	408	2,689	39	12,550
AF	79	908-Customer Assistance	CUSTASST	1.0000	0.8463	0.1253	0.0225	0.0001	0.0041	0.0000	0.0016
AF	80	909-Informational and Instructional Advertising	CUSTADVT	1,698,365	1,329,973	196,892	155,814	408	2,689	39	12,550
AF	81	910-Miscellaneous Customer Service	CUSTCSM	1,698,365	1,329,973	196,892	155,814	408	2,689	39	12,550
AF	82	912/916-Miscellaneous Sales Expense	CUSTSALES	1	0	0	0.3635	0.0153	0.6212	0	0
AF	83										
AF	84	Number of Bills	CUSTBILLS	20,380,381	15,959,674	2,362,700	1,869,774	4,896	32,273	465	150,600
AF	85	Number of Customers	CUST	1,698,365	1,329,973	196,892	155,814	408	2,689	39	12,550
AF	86	Number of Residential Customers	CUSTRES	1,526,864	1,329,973	196,892	0	0	0	0	0
AF	87										
AF	90										
AF	91										
AF	92										
AF	93										
AF	94										
AF	95										
AF	96										
AF	97										
AF	98										
AF	99										
AF	100										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	101	**ALLOCATION FACTOR TABLE CONTINUED**									
AF	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AF	103										
AF	104	**Plant Related**									
AF	105	Intangible Plant	INTPLT	232,753	140,554	25,295	40,515	1,131	21,822	923	2,513
AF	106	Transmission Plant in Service	TRANPLT	0	0	0	0	0	0	0	0
AF	107	Distribution Plant in Service	DISTPLT	8,405,217	4,553,394	921,513	1,631,014	46,814	1,057,995	50,596	143,893
AF	108	General Plant in Service	GENLPLT	277,210	173,993	31,527	39,785	1,426	26,354	1,180	2,944
AF	109	Total Electric Plant In Service	TOTPLT	8,915,180	4,867,941	978,335	1,711,314	49,371	1,106,170	52,699	149,350
AF	110										
AF	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR	8,401,921	4,551,608	921,151	1,630,374	46,796	1,057,580	50,576	143,836
AF	112	Total Transmission and Distribution Plant	TDPLT	8,405,217	4,553,394	921,513	1,631,014	46,814	1,057,995	50,596	143,893
AF	113	Total Distribution and General Plant	DGPLT	8,682,427	4,727,387	953,040	1,670,799	48,240	1,084,349	51,776	146,837
AF	114	Rate Base	RATEBASE	6,385,897	3,538,573	710,849	1,183,590	35,979	786,050	37,132	93,724
AF	115										
AF	116	Account 360	PLT_360	45,126	19,485	4,512	8,618	352	11,353	550	256
AF	117	Account 361	PLT_361	220,410	95,171	22,040	42,094	1,721	55,450	2,685	1,250
AF	118	Account 362	PLT_362	1,179,459	509,277	117,939	225,254	9,207	296,725	14,366	6,691
AF	119	Account 364	PLT_364	1,080,008	612,142	122,501	195,791	6,899	122,878	5,949	13,849
AF	120	Account 365	PLT_365	1,975,971	1,119,968	224,126	358,216	12,622	224,816	10,884	25,338
AF	121	Account 366	PLT_366	643,607	347,221	70,433	114,744	4,118	94,925	4,596	7,570
AF	122	Account 367	PLT_367	1,594,275	860,100	174,468	284,232	10,201	235,137	11,384	18,751
AF	123	Account 368	PLT_368	770,400	456,664	105,754	201,983	0	0	0	5,999
AF	124	Account 369	PLT_369	462,459	270,602	40,060	148,838	390	2,569	0	0
AF	125	Account 370	PLT_370	352,706	250,412	37,753	49,366	1,285	13,727	163	0
AF	126	Account 371	PLT_371	13,772	10,566	1,564	1,238	0	0	0	405
AF	127	Account 373	PLT_373	63,728	0	0	0	0	0	0	63,728
AF	128	Distribution Overhead Plant in Service	OHDIST	3,055,979	1,732,111	346,627	554,007	19,521	347,693	16,833	39,186
AF	129	Distribution Underground Plant in Service	UGDIST	2,237,881	1,207,322	244,901	398,976	14,319	330,062	15,980	26,321
AF	130	Accounts 360 & 361	PLT_3601	265,536	114,655	26,552	50,712	2,073	66,803	3,234	1,506
AF	131	Accounts 371 & 373	PLT_3713	77,500	10,566	1,564	1,238	0	0	0	64,132
AF	132										
AF	133	Residential	DPLTRES	2,939,433	2,939,433	0	0	0	0	0	0
AF	134	Residential Heating	DPLTRH	591,528	0	591,528	0	0	0	0	0
AF	135	General Service	DPLTGS	952,983	0	0	952,983	0	0	0	0
AF	136	Primary Distribution	DPLTPRID	33,840	0	0	0	33,840	0	0	0
AF	137	High Tension	DPLTHT	677,756	0	0	0	0	677,756	0	0
AF	138	Electric Propulsion	DPLTEP	32,813	0	0	0	0	0	32,813	0
AF	139	Lighting	DPLTLCUST	65,507	0	0	0	0	0	0	65,507
AF	140										
AF	141										
AF	142										
AF	143										
AF	144										
AF	145										
AF	146										
AF	147										
AF	148										
AF	149										
AF	150										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	151	**ALLOCATION FACTOR TABLE CONTINUED**									
AF	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AF	153										
AF	154	**Production Expense Related**									
AF	155	Account 555	OX_555	689,927	431,189	111,530	102,763	1,016	42,904	0	525
AF	156	O&M Expense Production Other	OX_PROD	689,927	431,189	111,530	102,763	1,016	42,904	0	525
AF	157	Salaries and Wages Production Operation	SALWAGPO	0	0	0	0	0	0	0	0
AF	158										
AF	159										
AF	160	**Transmission Expense Related**									
AF	161	Transmission Operation Expense	OX_TRAN	161,192	75,432	19,239	34,777	811	29,420	1,445	66
AF	162	Transmission Maintenance Expense	MX_TRAN	0	0	0	0	0	0	0	0
AF	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO	0	0	0	0	0	0	0	0
AF	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM	0	0	0	0	0	0	0	0
AF	165										
AF	166										
AF	167	**Distribution Expense Related**									
AF	168	Account 580	OX_580	1,120	700	125	177	5	96	4	13
AF	169	Account 581	OX_581	0	0	0	0	0	0	0	0
AF	170	Account 582	OX_582	640	276	64	122	5	161	8	4
AF	171	Account 583	OX_583	17,204	9,751	1,951	3,119	110	1,957	95	221
AF	172	Account 584	OX_584	11,485	6,196	1,257	2,048	73	1,694	82	135
AF	173	Account 585	OX_585	0	0	0	0	0	0	0	0
AF	174	Account 586	OX_586	5,354	3,801	573	749	20	208	2	0
AF	175	Account 587	OX_587	9,857	7,719	1,143	904	2	16	0	73
AF	176	Account 588	OX_588	68,272	36,985	7,485	13,248	380	8,594	411	1,169
AF	177	Account 589	OX_589	3,139	1,701	344	609	17	395	19	54
AF	178	Account 591	MX_591	1,973	852	197	377	15	496	24	11
AF	179	Account 592	MX_592	16,530	7,138	1,653	3,157	129	4,159	201	94
AF	180	Account 593	MX_593	198,275	112,381	22,490	35,945	1,267	22,559	1,092	2,542
AF	181	Account 594	MX_594	29,013	15,652	3,175	5,173	186	4,279	207	341
AF	182	Account 595	MX_595	1,500	889	206	393	0	0	0	12
AF	183	Account 596	MX_596	1,023	0	0	0	0	0	0	1,023
AF	184	Account 597	MX_597	0	0	0	0	0	0	0	0
AF	185	Account 598	MX_598	14,304	7,749	1,568	2,776	80	1,801	86	245
AF	186	O&M Accounts 581-589	OX_DIST	115,952	66,430	12,817	20,800	608	13,025	617	1,655
AF	187	O&M Accounts 591-598	MX_DIST	262,619	144,661	29,289	47,820	1,676	33,293	1,611	4,269
AF	188										
AF	189										
AF	190										
AF	191										
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AF	200										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	201	**ALLOCATION FACTOR TABLE CONTINUED**									
AF	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AF	203										
AF	204	**Customer Distribution Expense Related**									
AF	205	Account 902	OX_902	338	240	36	47	1	13	0	0
AF	206	Account 903	OX_903	81,794	62,454	9,823	6,260	311	2,501	36	409
AF	207	Account 904	OX_904	38,985	28,767	6,407	2,549	49	1,201	0	12
AF	208	O&M Accounts 902-905	OX_CA	127,033	96,094	16,952	9,398	363	3,725	36	465
AF	209										
AF	210	Account908	OX_908	10,255	8,679	1,285	230	2	42	0	17
AF	211	Account909	OX_909	1,351	1,058	157	124	0	2	0	10
AF	212	Account910	OX_910	134	105	16	12	0	0	0	1
AF	213	O&M Accounts 908-910	OX_CS	11,740	9,842	1,457	367	2	45	0	28
AF	214	Accounts 901-910	X_CACS	138,773	105,936	18,409	9,765	365	3,770	36	492
AF	215										
AF	216	Total O&M less Purchased Power	OMXPP	864,379	508,254	101,084	140,295	4,408	97,445	4,484	8,409
AF	217	Total O&M less PP less Payroll less Pension	OMXPPPP	660,251	380,131	77,869	110,998	3,358	78,039	3,615	6,241
AF	218										
AF	219	**Salaries and Wages Expense Related**									
AF	220	Salaries & Wages Accounts 581-589	SALWAGDO	19,942	12,471	2,222	3,155	84	1,703	78	230
AF	221	Salaries & Wages Accounts 591-598	SALWAGDM	65,765	35,478	7,256	12,022	427	9,218	446	918
AF	222	Salaries & Wages Accounts 902-905	SALWAGCA	38,928	29,752	4,669	3,001	143	1,150	16	198
AF	223	Salaries & Wages Accounts 908-910	SALWAGCS	1,763	1,492	221	39	0	7	0	3
AF	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	126,399	79,193	14,368	18,217	654	12,078	541	1,348
AF	225	Total Salaries and Wages Expense	SALWAGES	171,625	107,722	19,519	24,632	883	16,316	730	1,823
AF	226										
AF	227	Base Taxable Income	EBT	221,798	95,724	23,833	54,953	1,598	35,260	2,552	7,878
AF	228										
AF	229										
AF	230										
AF	231										
AF	232										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AF	251	**REVENUES AND BILLING DETERMINANTS**									
AF	252										
AF	253	Base Rate Sales Revenue	SALESREV	1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
AF	254										
AF	255	Residential	SREVRES	778,131	778,131	0	0	0	0	0	0
AF	256	Residential Heating	SREVRH	154,042	0	154,042	0	0	0	0	0
AF	257	General Service	SREVGS	242,879	0	0	242,879	0	0	0	0
AF	258	Primary Distribution	SREVPRID	7,694	0	0	0	7,694	0	0	0
AF	259	High Tension	SREVHT	157,654	0	0	0	0	157,654	0	0
AF	260	Electric Propulsion	SREVEP	8,118	0	0	0	0	0	8,118	0
AF	261	Lighting	SREVLCUST	23,483	0	0	0	0	0	0	23,483
AF	262										
AF	263	R/RH	SREVRRH	932,173	778,131	154,042	0	0	0	0	0
AF	264	GS/PD/HT	SREVGSPDHT	408,227	0	0	242,879	7,694	157,654	0	0
AF	265	PD/HT	SREVPDHT	165,348	0	0	0	7,694	157,654	0	0
AF	266										
AF	267	Claimed Rate Sales Revenue	CLAIMREV	2,531,188	1,487,292	322,404	420,973	10,704	257,285	9,777	22,753
AF	268										
AF	269	Capital Stock	CAPSTOCK	5,723,184	3,177,617	650,369	1,066,144	30,038	681,728	31,238	86,052
AF	270										
AF	271										
AF	272	**PRESENT REVENUES/EXPENSES FROM SALES INPUT**									
AF	273										
AF	274	Total Sales of Electricity Revenues		1,368,141	776,996	153,754	242,054	7,659	156,157	8,058	23,465
AF	275	Sales of Electricity Revenues - Distribution		1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
AF	276	Sales of Electricity Revenues - Nuclear Decommissioning		(3,860)	(1,135)	(288)	(826)	(35)	(1,497)	(60)	(18)
AF	277										
AF	278										
AF	279										
AF	280	Sales of Electricity Revenues - Transmission		172,082	80,528	20,539	37,127	866	31,408	1,543	71
AF	281										
AF	282										
AF	283	**BILLING DETERMINATE INPUTS**									
AF	284	Number of Customer Bills	SCH AF, LN 84	20,380,381	15,959,674	2,362,700	1,869,774	4,896	32,273	465	150,600
AF	285	Annual MWh Sales @ Meter	SCH AF, LN 56	36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
AF	286	Annual MW - Billed		61,041	0	0	26,178	864	32,251	1,748	0
AF	287										
AF	288										
AF	289	**RATE OF RETURN**									
AF	290	Rate of Return (Equalized)	SCH AF, LN 290	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
AF	291										
AF	292										
AF	293										
AF	294										
AF	295										
AF	296										
AF	297										
AF	298										
AF	299										
AF	300										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	1	**ALLOCATION PROPORTIONS TABLE**									
AP	2	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**									
AP	3										
AP	4										
AP	5	DEMAND - PRODUCTION RELATED									
AP	6	Demand Production	DPROD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	7										
AP	8										
AP	9										
AP	10										
AP	11	DEMAND - TRANSMISSION RELATED									
AP	12	Demand Transmission (1 Coincident Peak)	DTRAN	1.00000	0.48317	0.07038	0.18210	0.00750	0.24513	0.01101	0.00071
AP	13										
AP	14	Demand Transmission (Revenue)	DTRANR	1.00000	0.46796	0.11936	0.21575	0.00503	0.18252	0.00897	0.00041
AP	15										
AP	16										
AP	17										
AP	18										
AP	19										
AP	20	DEMAND - DISTRIBUTION RELATED (Non-Coincident Pe									
AP	21	Demand Distribution Primary High Tension	DDISPHT	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	22	Demand Distribution Primary Overhead Lines	DDISTPOL	1.00000	0.58648	0.13582	0.25940	0.01060	0.00000	0.00000	0.00770
AP	23	Demand Distribution Primary Underground Lines	DDISTPUL	1.00000	0.58648	0.13582	0.25940	0.01060	0.00000	0.00000	0.00770
AP	24										
AP	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	26	Demand Distribution Secondary Underground Lines	DDISTSUL	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	27	Demand Distribution Overhead Line Transformers	DDISTSOT	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	28	Demand Distribution Underground Line Transformers	DDISTSUT	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	29										
AP	30										
AP	31										
AP	32										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	51	**ALLOCATION PROPORTIONS TABLE CONTINUED**									
AP	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**									
AP	53										
AP	54	**ENERGY**									
AP	55	Energy Revenue at pro-forma adjusted level	ENERGY1	1.00000	0.62498	0.16166	0.14895	0.00147	0.06219	0.00000	0.00076
AP	56	Energy @ Meter (MWh Sales)	ENERGY2	1.00000	0.29404	0.07468	0.21393	0.00919	0.38786	0.01553	0.00476
AP	57										
AP	58										
AP	59										
AP	60										
AP	61										
AP	62										
AP	63										
AP	64										
AP	65	**CUSTOMER**									
AP	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixtures	CDISTSOLC	1.00000	0.76715	0.11357	0.08988	0.00000	0.00000	0.00000	0.02940
AP	67	365 & 367 - Cust. Dist. Secondary Conductors & Devices (	CDISTSULC	1.00000	0.76715	0.11357	0.08988	0.00000	0.00000	0.00000	0.02940
AP	68										
AP	69	369-Services	CSERVICE	1.00000	0.58514	0.08662	0.32184	0.00084	0.00556	0.00000	0.00000
AP	70	370-Meters	CMETERS	1.00000	0.70997	0.10704	0.13996	0.00364	0.03892	0.00046	0.00000
AP	71	371-Installation on Customer Premises	CUSTPREM	1.00000	0.76715	0.11357	0.08988	0.00000	0.00000	0.00000	0.02940
AP	72	373-Street Lighting & Signal Systems	CLIGHT	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	73										
AP	74	Customer Deposits	CUSTDEP	1.00000	0.34819	0.07755	0.49594	0.00309	0.07523	0.00000	0.00000
AP	75										
AP	76										
AP	77	903-Customer Records and Collections	CUSTREC	1.00000	0.76356	0.12010	0.07653	0.00380	0.03058	0.00043	0.00500
AP	78	905-Miscellaneous Customer Accounts	CUSTCAM	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	79	908-Customer Assistance	CUSTASST	1.00000	0.84633	0.12529	0.02246	0.00015	0.00413	0.00001	0.00163
AP	80	909-Informational and Instructional Advertising	CUSTADVT	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	81	910-Miscellaneous Customer Service	CUSTCSM	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	82	912/916-Miscellaneous Sales Expense	CUSTSALES	1.00000	0.00000	0.00000	0.36350	0.01534	0.62116	0.00000	0.00000
AP	83										
AP	84	Number of Bills	CUSTBILLS	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	85	Number of Customers	CUST	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	86	Number of Residential Customers	CUSTRES	1.00000	0.87105	0.12895	0.00000	0.00000	0.00000	0.00000	0.00000
AP	87										
AP	90										
AP	91										
AP	92										
AP	93										
AP	94										
AP	95										
AP	96										
AP	97										
AP	98										
AP	99										
AP	100										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	101	**ALLOCATION PROPORTIONS TABLE CONTINUED**									
AP	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AP	103										
AP	104	**Plant Related**									
AP	105	Intangible Plant	INTPLT	1.00000	0.60388	0.10868	0.17407	0.00486	0.09376	0.00397	0.01080
AP	106	Transmission Plant in Service	TRANPLT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	107	Distribution Plant in Service	DISTPLT	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	108	General Plant in Service	GENLPLT	1.00000	0.62766	0.11373	0.14352	0.00514	0.09507	0.00426	0.01062
AP	109	Total Electric Plant In Service	TOTPLT	1.00000	0.54603	0.10974	0.19196	0.00554	0.12408	0.00591	0.01675
AP	110										
AP	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	112	Total Transmission and Distribution Plant	TDPLT	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	113	Total Distribution and General Plant	DGPLT	1.00000	0.54448	0.10977	0.19243	0.00556	0.12489	0.00596	0.01691
AP	114	Rate Base	RATEBASE	1.00000	0.55412	0.11132	0.18534	0.00563	0.12309	0.00581	0.01468
AP	115										
AP	116	Account 360	PLT_360	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	117	Account 361	PLT_361	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	118	Account 362	PLT_362	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	119	Account 364	PLT_364	1.00000	0.56679	0.11343	0.18129	0.00639	0.11377	0.00551	0.01282
AP	120	Account 365	PLT_365	1.00000	0.56679	0.11343	0.18129	0.00639	0.11377	0.00551	0.01282
AP	121	Account 366	PLT_366	1.00000	0.53949	0.10943	0.17828	0.00640	0.14749	0.00714	0.01176
AP	122	Account 367	PLT_367	1.00000	0.53949	0.10943	0.17828	0.00640	0.14749	0.00714	0.01176
AP	123	Account 368	PLT_368	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	124	Account 369	PLT_369	1.00000	0.58514	0.08662	0.32184	0.00084	0.00556	0.00000	0.00000
AP	125	Account 370	PLT_370	1.00000	0.70997	0.10704	0.13996	0.00364	0.03892	0.00046	0.00000
AP	126	Account 371	PLT_371	1.00000	0.76715	0.11357	0.08988	0.00000	0.00000	0.00000	0.02940
AP	127	Account 373	PLT_373	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	128	Distribution Overhead Plant in Service	OHDIST	1.00000	0.56679	0.11343	0.18129	0.00639	0.11377	0.00551	0.01282
AP	129	Distribution Underground Plant in Service	UGDIST	1.00000	0.53949	0.10943	0.17828	0.00640	0.14749	0.00714	0.01176
AP	130	Accounts 360 & 361	PLT_3601	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	131	Accounts 371 & 373	PLT_3713	1.00000	0.13633	0.02018	0.01597	0.00000	0.00000	0.00000	0.82752
AP	132										
AP	133	Residential	DPLTRES	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	134	Residential Heating	DPLTRH	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	135	General Service	DPLTGS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	136	Primary Distribution	DPLTPRID	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	137	High Tension	DPLTHT	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	138	Electric Propulsion	DPLTEP	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	139	Lighting	DPLTLCUST	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	140										
AP	141										
AP	142										
AP	143										
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AP	149										
AP	150										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	151	**ALLOCATION PROPORTIONS TABLE CONTINUED**									
AP	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AP	153										
AP	154	**Production Expense Related**									
AP	155	Account 555	OX_555	1.00000	0.62498	0.16166	0.14895	0.00147	0.06219	0.00000	0.00076
AP	156	O&M Expense Production Other	OX_PROD	1.00000	0.62498	0.16166	0.14895	0.00147	0.06219	0.00000	0.00076
AP	157	Salaries and Wages Production Operation	SALWAGPO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	158			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	159										
AP	160	**Transmission Expense Related**									
AP	161	Transmission Operation Expense	OX_TRAN	1.00000	0.46796	0.11936	0.21575	0.00503	0.18252	0.00897	0.00041
AP	162	Transmission Maintenance Expense	MX_TRAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	165										
AP	166										
AP	167	**Distribution Expense Related**									
AP	168	Account 580	OX_580	1.00000	0.62536	0.11141	0.15818	0.00419	0.08541	0.00393	0.01151
AP	169	Account 581	OX_581	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	170	Account 582	OX_582	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	171	Account 583	OX_583	1.00000	0.56679	0.11343	0.18129	0.00639	0.11377	0.00551	0.01282
AP	172	Account 584	OX_584	1.00000	0.53949	0.10943	0.17828	0.00640	0.14749	0.00714	0.01176
AP	173	Account 585	OX_585	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	174	Account 586	OX_586	1.00000	0.70997	0.10704	0.13996	0.00364	0.03892	0.00046	0.00000
AP	175	Account 587	OX_587	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	176	Account 588	OX_588	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	177	Account 589	OX_589	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	178	Account 591	MX_591	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	179	Account 592	MX_592	1.00000	0.43179	0.09999	0.19098	0.00781	0.25158	0.01218	0.00567
AP	180	Account 593	MX_593	1.00000	0.56679	0.11343	0.18129	0.00639	0.11377	0.00551	0.01282
AP	181	Account 594	MX_594	1.00000	0.53949	0.10943	0.17828	0.00640	0.14749	0.00714	0.01176
AP	182	Account 595	MX_595	1.00000	0.59276	0.13727	0.26218	0.00000	0.00000	0.00000	0.00779
AP	183	Account 596	MX_596	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	184	Account 597	MX_597	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	185	Account 598	MX_598	1.00000	0.54173	0.10964	0.19405	0.00557	0.12587	0.00602	0.01712
AP	186	O&M Accounts 581-589	OX_DIST	1.00000	0.57291	0.11054	0.17938	0.00524	0.11233	0.00532	0.01427
AP	187	O&M Accounts 591-598	MX_DIST	1.00000	0.55084	0.11153	0.18209	0.00638	0.12677	0.00613	0.01625
AP	188										
AP	189										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	201	**ALLOCATION PROPORTIONS TABLE CONTINUED**									
AP	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**									
AP	203										
AP	204	**Customer Distribution Expense Related**									
AP	205	Account 902	OX_902	1.00000	0.70997	0.10704	0.13996	0.00364	0.03892	0.00046	0.00000
AP	206	Account 903	OX_903	1.00000	0.76356	0.12010	0.07653	0.00380	0.03058	0.00043	0.00500
AP	207	Account 904	OX_904	1.00000	0.73790	0.16434	0.06538	0.00127	0.03082	0.00000	0.00030
AP	208	O&M Accounts 902-905	OX_CA	1.00000	0.75645	0.13345	0.07398	0.00286	0.02933	0.00028	0.00366
AP	209										
AP	210	Account908	OX_908	1.00000	0.84633	0.12529	0.02246	0.00015	0.00413	0.00001	0.00163
AP	211	Account909	OX_909	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	212	Account910	OX_910	1.00000	0.78309	0.11593	0.09174	0.00024	0.00158	0.00002	0.00739
AP	213	O&M Accounts 908-910	OX_CS	1.00000	0.83833	0.12411	0.03123	0.00016	0.00381	0.00001	0.00236
AP	214	Accounts 901-910	X_CACS	1.00000	0.76338	0.13266	0.07037	0.00263	0.02717	0.00026	0.00355
AP	215										
AP	216	Total O&M less Purchased Power	OMXPP	1.00000	0.58800	0.11694	0.16231	0.00510	0.11273	0.00519	0.00973
AP	217	Total O&M less PP less Payroll less Pension	OMXPPPP	1.00000	0.57574	0.11794	0.16812	0.00509	0.11820	0.00548	0.00945
AP	218										
AP	219	**Salaries and Wages Expense Related**									
AP	220	Salaries & Wages Accounts 581-589	SALWAGDO	1.00000	0.62536	0.11141	0.15818	0.00419	0.08541	0.00393	0.01151
AP	221	Salaries & Wages Accounts 591-598	SALWAGDM	1.00000	0.53946	0.11034	0.18280	0.00649	0.14017	0.00678	0.01395
AP	222	Salaries & Wages Accounts 902-905	SALWAGCA	1.00000	0.76426	0.11995	0.07708	0.00367	0.02953	0.00042	0.00509
AP	223	Salaries & Wages Accounts 908-910	SALWAGCS	1.00000	0.84639	0.12530	0.02240	0.00015	0.00413	0.00001	0.00163
AP	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	1.00000	0.62653	0.11368	0.14412	0.00517	0.09556	0.00428	0.01067
AP	225	Total Salaries and Wages Expense	SALWAGES	1.00000	0.62766	0.11373	0.14352	0.00514	0.09507	0.00426	0.01062
AP	226										
AP	227	Base Taxable Income	EBT	1.00000	0.43158	0.10745	0.24776	0.00721	0.15897	0.01151	0.03552
AP	228										
AP	229										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
AP	251	**REVENUES AND BILLING DETERMINANTS**									
AP	252										
AP	253	Base Rate Sales Revenue	SALESREV	1.00000	0.56715	0.11228	0.17703	0.00561	0.11491	0.00592	0.01712
AP	254										
AP	255	Residential	SREVRES	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	256	Residential Heating	SREVRH	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	257	General Service	SREVGS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	258	Primary Distribution	SREVPRID	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	259	High Tension	SREVHT	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	260	Electric Propulsion	SREVEP	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	261	Lighting	SREVLCUST	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	262										
AP	263	R/RH	SREVRRH	1.00000	0.83475	0.16525	0.00000	0.00000	0.00000	0.00000	0.00000
AP	264	GS/PD/HT	SREVGSPDHT	1.00000	0.00000	0.00000	0.59496	0.01885	0.38619	0.00000	0.00000
AP	265	PD/HT	SREVPDHT	1.00000	0.00000	0.00000	0.00000	0.04653	0.95347	0.00000	0.00000
AP	266										
AP	267	Claimed Rate Sales Revenue	CLAIMREV	1.00000	0.58759	0.12737	0.16631	0.00423	0.10165	0.00386	0.00899
AP	268										
AP	269	Capital Stock	CAPSTOCK	1.00000	0.55522	0.11364	0.18629	0.00525	0.11912	0.00546	0.01504
AP	270										
AP	271										
AP	272	**PRESENT REVENUES/EXPENSES FROM SALES INPUT**									
AP	273										
AP	274	Total Sales of Electricity Revenues		1.00000	0.56792	0.11238	0.17692	0.00560	0.11414	0.00589	0.01715
AP	275	Sales of Electricity Revenues - Distribution		1.00000	0.56715	0.11228	0.17703	0.00561	0.11491	0.00592	0.01712
AP	276	Sales of Electricity Revenues - Nuclear Decommissioning		1.00000	0.29404	0.07468	0.21393	0.00919	0.38786	0.01553	0.00476
AP	277										
AP	278										
AP	279										
AP	280	Sales of Electricity Revenues - Transmission		1.00000	0.46796	0.11936	0.21575	0.00503	0.18252	0.00897	0.00041
AP	281										
AP	282										
AP	283										
AP	284										
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AP	299										
AP	300										

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**									
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**									
ADA	3										
ADA	4	**Net Write-Offs**									
ADA	5	Residential	SREVRES	41,088,466	41,088,466	0	0	0	0	0	0
ADA	6	Residential Heating	SREVRH	9,150,800	0	9,150,800	0	0	0	0	0
ADA	7	General Service	SREVGS	3,640,314	0	0	3,640,314	0	0	0	0
ADA	8	Primary Distribution	SREVPRID	70,441	0	0	0	70,441	0	0	0
ADA	9	High Tension	SREVHT	1,716,078	0	0	0	0	1,716,078	0	0
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	16,703	0	0	0	0	0	0	16,703
ADA	12										
ADA	13										
ADA	14	Total Write-Offs	EXP_904	55,682,802	41,088,466	9,150,800	3,640,314	70,441	1,716,078	0	16,703
ADA	15										
ADA	16	Total Write-Offs	EXP_904	1.00000	0.73790	0.16434	0.06538	0.00127	0.03082	0.00000	0.00030
ADA	17										
ADA	18	Additional Net Write-Offs at Claimed Rate	EXP_904	0	0	0	0	0	0	0	0
ADA	19										
ADA	20										
ADA	21										
ADA	22	**Customer Advances for Construction**									
ADA	23	Residential	DPLTRES	2,939,433	2,939,433	0	0	0	0	0	0
ADA	24	Residential Heating	DPLTRH	591,528	0	591,528	0	0	0	0	0
ADA	25	General Service	DPLTGS	952,983	0	0	952,983	0	0	0	0
ADA	26	Primary Distribution	DPLTPRID	33,840	0	0	0	33,840	0	0	0
ADA	27	High Tension	DPLTHT	677,756	0	0	0	0	677,756	0	0
ADA	28	Electric Propulsion	DPLTEP	32,813	0	0	0	0	0	32,813	0
ADA	29	Lighting	DPLTLCUST	65,507	0	0	0	0	0	0	65,507
ADA	30										
ADA	31										
ADA	32	Customer Advances for Construction	CUSTADV	5,293,860	2,939,433	591,528	952,983	33,840	677,756	32,813	65,507
ADA	33										
ADA	34	Customer Advances for Construction	CUSTADV	1.00000	0.55525	0.11174	0.18002	0.00639	0.12803	0.00620	0.01237
ADA	35										
ADA	36										
ADA	37	**Purchase of Receivables**									
ADA	38	Residential	SREVRES	317,436	317,436	0	0	0	0	0	0
ADA	39	Residential Heating	SREVRH	80,624	0	80,624	0	0	0	0	0
ADA	40	General Service	SREVGS	320,266	0	0	320,266	0	0	0	0
ADA	41	Primary Distribution	SREVPRID	6,847	0	0	0	6,847	0	0	0
ADA	42	High Tension	SREVHT	289,023	0	0	0	0	289,023	0	0
ADA	43	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0
ADA	44	Lighting	SREVLCUST	3,248	0	0	0	0	0	0	3,248
ADA	45										
ADA	46										
ADA	47	Total POR	POR	1,017,444	317,436	80,624	320,266	6,847	289,023	0	3,248
ADA	48										
ADA	49	Total POR	POR	1.00000	0.31199	0.07924	0.31477	0.00673	0.28407	0.00000	0.00319
ADA	50										

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		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**									
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**									
ADA	3										
ADA	4	**AVAILABLE**									
ADA	5	Residential	SREVRES	0	0	0	0	0	0	0	0
ADA	6	Residential Heating	SREVRH	0	0	0	0	0	0	0	0
ADA	7	General Service	SREVGS	0	0	0	0	0	0	0	0
ADA	8	Primary Distribution	SREVPRID	0	0	0	0	0	0	0	0
ADA	9	High Tension	SREVHT	0	0	0	0	0	0	0	0
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	0	0	0	0	0	0	0	0
ADA	12										
ADA	13										
ADA	14										
ADA	15	Total Available	SREVAVAIL	0	0	0	0	0	0	0	0
ADA	16										
ADA	17	Total Available	SREVAVAIL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ADA	18										
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
RRW	1	**DISTRIBUTION REVENUE REQUIREMENTS**									
RRW	2										
RRW	3	PRESENT RATES									
RRW	4	----------									
RRW	5	RATE BASE		6,351,776	3,518,641	706,229	1,178,183	35,869	782,132	37,024	93,698
RRW	6	NET OPER INC (PRESENT RATES)		320,759	158,013	35,007	69,622	2,052	45,194	2,769	8,101
RRW	7	RATE OF RETURN (PRES RATES)		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%
RRW	8	RELATIVE RATE OF RETURN		1.00	0.89	0.98	1.17	1.13	1.14	1.48	1.71
RRW	9	SALES REVENUE (PRE RATES)		1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
RRW	10	REVENUE PRES RATES $/KWH		$0.0372	$0.0717	$0.0559	$0.0308	$0.0227	$0.0110	$0.0142	$0.1336
RRW	11	REVENUE REQUIRED - $/MO/CUST		$67.32	$48.76	$65.20	$129.90	$1,571.53	$4,885.00	$17,457.27	$155.93
RRW	12	SALES REV REQUIRED $/KW		$22.48	$0.00	$0.00	$9.28	$8.90	$4.89	$4.64	$0.00
RRW	13										
RRW	14	CLAIMED RATE OF RETURN									
RRW	15	----------									
RRW	16	CLAIMED RATE OF RETURN		7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
RRW	17	RETURN REQ FOR CLAIMED ROR		487,816	270,232	54,238	90,484	2,755	60,068	2,843	7,196
RRW	18	SALES REVENUE REQ CLAIMED ROR - Distribution		1,623,059	946,776	182,941	274,231	8,750	180,008	8,229	22,123
RRW	19	REVENUE DEFICIENCY SALES REV		251,058	168,646	28,899	31,352	1,056	22,354	112	(1,360)
RRW	20	PERCENT INCREASE REQUIRED		18.30%	21.67%	18.76%	12.91%	13.72%	14.18%	1.37%	-5.79%
RRW	21	ANNUAL BOOKED KWH SALES		36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
RRW	22	SALES REV REQUIRED $/KWH		$0.0440	$0.0873	$0.0664	$0.0347	$0.0258	$0.0126	$0.0144	$0.1259
RRW	23	REVENUE DEFICIENCY $/KWH		$0.0068	$0.0155	$0.0105	$0.0040	$0.0031	$0.0016	$0.0002	($0.0077)
RRW	24	SALES REVENUE REQ CLAIMED ROR - Energy		735,782	459,847	118,943	109,593	1,084	45,755	0	560
RRW	25	SALES REVENUE REQ CLAIMED ROR - Transmission		172,348	80,669	20,519	37,149	870	31,522	1,547	71
RRW	26										
RRW	27										
RRW	28										
RRW	29										
RRW	30										
RRW	31										
RRW	32										
RRW	33										
RRW	34										
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RRW	42										
RRW	43										
RRW	44										
RRW	45										
RRW	46										
RRW	47										
RRW	48										
RRW	49										
RRW	50										

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	1	**SUMMARY AT PRESENT RATES**											
S	2	**DEVELOPMENT OF DISTRIBUTION RETURN**											
S	3	OPERATING REVENUE											
S	4	Sales of Electricity - Base	SCH RBC, LN 54	1,372,001	820,554	9,324	542,123	0	1,565	818,989	559,227	197,128	0
S	5	Decommissioning Revenues	SCH RBC, LN 55	(3,860)	0	(3,860)	0	0	0	0	0	0	0
S	6	Other Operating Revenue	SCH RBC, LN 65	52,337	35,501	80	16,755	0	13	35,488	23,000	10,018	0
S	7	TOTAL OPERATING REVENUE		1,420,478	856,055	5,544	558,878	0	1,578	854,477	582,227	207,146	0
S	8												
S	9	OPERATING EXPENSES											
S	10	Operation and Maintenance Expense	SCH E, LN 92	704,927	377,856	4,803	322,268	0	1,104	376,752	257,630	105,362	0
S	11	Depreciation and Amortization Expense	SCH D, LN 28	272,838	166,496	0	106,342	0	0	166,496	110,761	34,885	0
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 11	25,274	16,469	135	8,670	0	32	16,437	13,416	2,399	0
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 35	79,403	47,587	540	31,275	0	91	47,497	32,476	11,399	0
S	14	Income Taxes	SCH TI, LN 49	17,276	14,078	14	3,185	0	73	14,005	9,851	3,423	0
S	15	TOTAL OPERATING EXPENSES		1,099,718	622,487	5,493	471,739	0	1,299	621,187	424,133	157,468	0
S	16	**OPERATING INCOME (RETURN)**		320,759	233,568	52	87,139	0	278	233,290	158,094	49,677	0
S	17												
S	18	**DEVELOPMENT OF RATE BASE**											
S	19	Electric Plant in Service	SCH RBP, LN 66	8,915,180	6,357,271	0	2,557,909	0	0	6,357,271	4,306,636	1,263,387	0
S	20	Less: Accumulated Depreciation	SCH RBD, LN 25	2,251,728	1,475,197	0	776,532	0	0	1,475,197	1,058,936	218,425	0
S	21	Plus: Rate Base Additions	SCH RBO, LN 30	565,741	290,871	1,001	273,869	0	5,433	285,438	204,550	70,411	0
S	22	Less: Rate Base Deductions	SCH RBO, LN 27	877,416	615,741	0	261,675	0	0	615,741	414,610	115,674	0
S	23	**TOTAL DISTRIBUTION RATE BASE**	SCH RBO, LN 34	6,351,776	4,557,204	1,001	1,793,571	0	5,433	4,551,771	3,037,639	999,700	0
S	24												
S	25	**DISTRIBUTION RATE OF RETURN (PRESENT)**		5.05%	5.13%	5.15%	4.86%	60.82%	5.13%	5.13%	5.20%	4.97%	59.25%
S	26	**DISTRIBUTION INDEX RATE OF RETURN (PRESENT)**		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
S	27												
S	28	**DEVELOPMENT OF PURCHASED POWER RETURN**											
S	29	Purchased Electric Revenues	SCH RBC, LN 57	741,120	0	741,120	0	0	0	0	0	0	0
S	30	Purchased Power O&M Expense	SCH E, LN 41	689,927	0	689,927	0	0	0	0	0	0	0
S	31	Purchased Power GRT Expense	SCH TO, LN 21	43,726	0	43,726	0	0	0	0	0	0	0
S	32	Purchased Power Income Taxes		2,029	0	2,029	0	0	0	0	0	0	0
S	33	Purchased Power Operating Income		5,438	0	5,438	0	0	0	0	0	0	0
S	34	Rate Base - Purchased Pwr Cash Working Capital	SCH RBC, LN 33	24,301	0	24,301	0	0	0	0	0	0	0
S	35	**PURCHASED POWER RATE OF RETURN (PRESENT)**		22.38%	0.00%	22.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	36												
S	37	**DEVELOPMENT OF TRANSMISSON RETURN**											
S	38	Transmission Revenues	SCH RBC, LN 56	172,082	172,082	0	0	0	172,082	0	0	0	0
S	39	Transmission O&M Expense	SCH E, LN 42	161,192	161,192	0	0	0	161,192	0	0	0	0
S	40	Transmission GRT Expense	SCH TO, LN 28	10,153	10,153	0	0	0	10,153	0	0	0	0
S	41	Transmission Income Taxes		161	161	0	0	0	161	0	0	0	0
S	42	Transmission Operating Income		576	576	0	0	0	576	0	0	0	0
S	43	Rate Base - Transmission Cash Working Capital	SCH RBO, LN 33	9,820	9,820	0	0	0	9,820	0	0	0	0
S	44	**TRANSMISSION RATE OF RETURN (PRESENT)**		5.87%	5.87%	0.00%	0.00%	0.00%	5.87%	0.00%	0.00%	0.00%	0.00%
S	45												
S	46	**TOTAL OPERATING INCOME (RETURN)**		326,774	234,145	5,490	87,139	0	855	233,290	158,094	49,677	0
S	47	**TOTAL RATE BASE**		6,385,897	4,567,023	25,302	1,793,571	0	15,253	4,551,771	3,037,639	999,700	0
S	48	**COMPOSITE RATE OF RETURN @ CURRENT RATES**		5.12%	5.13%	21.70%	4.86%	60.82%	5.61%	5.13%	5.20%	4.97%	59.25%
S	49												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
S	1	**SUMMARY AT PRESENT RATES**										
S	2	**DEVELOPMENT OF DISTRIBUTION RETURN**										
S	3	OPERATING REVENUE										
S	4	Sales of Electricity - Base	SCH RBC, LN 54	62,634	9,324	0	217,782	28,670	65,185	183,487	20,283	26,716
S	5	Decommissioning Revenues	SCH RBC, LN 55	0	(3,860)	0	0	0	0	0	0	0
S	6	Other Operating Revenue	SCH RBC, LN 65	2,470	80	0	11,114	1,380	1,545	2,065	226	425
S	7	TOTAL OPERATING REVENUE		65,104	5,544	0	228,896	30,050	66,730	185,552	20,510	27,141
S	8											
S	9	OPERATING EXPENSES										
S	10	Operation and Maintenance Expense	SCH E, LN 92	13,760	4,803	0	115,995	6,687	15,669	146,470	17,527	19,920
S	11	Depreciation and Amortization Expense	SCH D, LN 28	20,850	0	0	39,811	10,399	39,769	11,835	742	3,786
S	12	Taxes Other Than Income Taxes-General	SCH TO, LN 11	623	135	0	2,702	350	561	4,172	263	622
S	13	Taxes Other Than Income Taxes-Distribution GRT	SCH TO, LN 35	3,622	540	0	12,559	1,660	3,762	10,576	1,169	1,547
S	14	Income Taxes	SCH TI, LN 49	731	14	0	3,031	(528)	(1,260)	1,989	128	(174)
S	15	TOTAL OPERATING EXPENSES		39,586	5,493	0	174,099	18,568	58,501	175,041	19,829	25,701
S	16	**OPERATING INCOME (RETURN)**		25,519	52	0	54,797	11,483	8,229	10,510	681	1,440
S	17											
S	18	**DEVELOPMENT OF RATE BASE**										
S	19	Electric Plant in Service	SCH RBP, LN 66	787,247	0	0	1,454,040	472,123	450,895	84,920	5,323	90,608
S	20	Less: Accumulated Depreciation	SCH RBD, LN 25	197,835	0	0	254,388	195,897	246,494	33,156	2,078	44,518
S	21	Plus: Rate Base Additions	SCH RBO, LN 30	10,477	1,001	0	76,875	4,955	14,415	146,911	10,011	20,702
S	22	Less: Rate Base Deductions	SCH RBO, LN 27	85,457	0	0	133,584	51,425	47,328	(23,769)	(1,490)	54,597
S	23	**TOTAL DISTRIBUTION RATE BASE**	SCH RBO, LN 34	514,431	1,001	0	1,142,943	229,757	171,488	222,443	14,745	12,195
S	24											
S	25	**DISTRIBUTION RATE OF RETURN (PRESENT)**		4.96%	5.15%	59.10%	4.79%	5.00%	4.80%	4.72%	4.62%	11.81%
S	26	**DISTRIBUTION INDEX RATE OF RETURN (PRESENT)**		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
S	27											
S	28	**DEVELOPMENT OF PURCHASED POWER RETURN**										
S	29	Purchased Electric Revenues	SCH RBC, LN 57	0	741,120	0	0	0	0	0	0	0
S	30	Purchased Power O&M Expense	SCH E, LN 41	0	689,927	0	0	0	0	0	0	0
S	31	Purchased Power GRT Expense	SCH TO, LN 21	0	43,726	0	0	0	0	0	0	0
S	32	Purchased Power Income Taxes		0	2,029	0	0	0	0	0	0	0
S	33	Purchased Power Operating Income		0	5,438	0	0	0	0	0	0	0
S	34	Rate Base - Purchased Pwr Cash Working Capital	SCH RBC, LN 33	0	24,301	0	0	0	0	0	0	0
S	35	**PURCHASED POWER RATE OF RETURN (PRESENT)**		0.00%	22.38%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	36											
S	37	**DEVELOPMENT OF TRANSMISSON RETURN**										
S	38	Transmission Revenues	SCH RBC, LN 56	0	0	0	0	0	0	0	0	0
S	39	Transmission O&M Expense	SCH E, LN 42	0	0	0	0	0	0	0	0	0
S	40	Transmission GRT Expense	SCH TO, LN 28	0	0	0	0	0	0	0	0	0
S	41	Transmission Income Taxes		0	0	0	0	0	0	0	0	0
S	42	Transmission Operating Income		0	0	0	0	0	0	0	0	0
S	43	Rate Base - Transmission Cash Working Capital	SCH RBO, LN 33	0	0	0	0	0	0	0	0	0
S	44	**TRANSMISSION RATE OF RETURN (PRESENT)**		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	45											
S	46	**TOTAL OPERATING INCOME (RETURN)**		25,519	5,490	0	54,797	11,483	8,229	10,510	681	1,440
S	47	**TOTAL RATE BASE**		514,431	25,302	0	1,142,943	229,757	171,488	222,443	14,745	12,195
S	48	**COMPOSITE RATE OF RETURN @ CURRENT RATES**		4.96%	21.70%	59.10%	4.79%	5.00%	4.80%	4.72%	4.62%	11.81%
S	49											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	50												
S	51	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**											
S	52	**DEVELOPMENT OF DISTRIBUTION RETURN (EQUALIZED RATE)**											
S	53	**RATE BASE**	SCH S, LN 23	6,351,776	4,557,204	1,001	1,793,571	0	5,433	4,551,771	3,037,639	999,700	0
S	54	**RETURN (RATE BASE * 7.68% ROR)**		487,816	349,993	77	137,746	0	417	349,576	233,291	76,777	0
S	55	**PLUS:**											
S	56	**OPERATING EXPENSES**											
S	57	Operation and Maintenance Expense	CALCULATED	707,161	379,447	4,755	322,959	0	1,108	378,339	258,656	105,732	0
S	58	Depreciation and Amortization Expense	SCH S, LN 11	272,838	166,496	0	106,342	0	0	166,496	110,761	34,885	0
S	59	Taxes Other Than Income Taxes-General	SCH S, LN 12	25,274	16,469	135	8,670	0	32	16,437	13,416	2,399	0
S	60	Taxes Other Than Income Taxes-Distribution GRT	CALCULATED	94,215	57,912	541	35,763	0	103	57,809	39,144	13,802	0
S	61	State and Federal Income Taxes	CALCULATED	85,154	61,383	24	23,747	0	129	61,254	40,405	14,434	0
S	62	**TOTAL OPERATING EXPENSES**		1,184,643	681,707	5,456	497,480	0	1,372	680,335	462,381	171,252	0
S	63												
S	64	**EQUALS TOTAL COST OF SERVICE**		1,672,459	1,031,701	5,533	635,226	0	1,790	1,029,911	695,672	248,029	0
S	65	**LESS:**											
S	66	Decommissioning Revenues	SCH S, LN 5	(3,860)	0	(3,860)	0	0	0	0	0	0	0
S	67	Other Operating Revenue	CALCULATED	53,260	36,159	60	17,041	0	15	36,144	23,424	10,171	0
S	68	**EQUALS:**											
S	69	**DISTRIBUTION BASE RATE SALES @ EQUALIZED ROR 7.68%**		1,623,059	995,541	9,332	618,185	0	1,775	993,767	672,248	237,858	0
S	70	Distribution Cost Increase without Forfeited Discount		251,059	174,987	10	76,062	0	210	174,777	113,021	40,731	0
S	71	**TOTAL COST OF SERVICE DISTRIBUTION INCREASE/DECREASE**		251,982	175,645	(12)	76,348	(0)	212	175,434	113,445	40,883	(0)
S	72	**REVENUE INCREASE TO DISTRIBUTION REVENUES W/O FORFEITED DISC**		18.30%	21.33%	0.10%	14.03%	4.46%	13.42%	21.34%	20.21%	20.66%	4.26%
S	73			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	74	**DEVELOPMENT OF PURCH. POWER RETURN (EQUALIZED RATE)**											
S	75	**RATE BASE (CWC)**	SCH S, LN 34	24,301	0	24,301	0	0	0	0	0	0	0
S	76	**RETURN (RATE BASE * 7.68% ROR)**		1,866	0	1,866	0	0	0	0	0	0	0
S	77	**PLUS:**											
S	78	**OPERATING EXPENSES**											
S	79	Purchased Power O&M Expense	SCH S, LN 30	689,927	0	689,927	0	0	0	0	0	0	0
S	80	Purchased Power Income Taxes	CALCULATED	578	0	578	0	0	0	0	0	0	0
S	81	Purchased Power GRT Expense	CALCULATED	43,411	0	43,411	0	0	0	0	0	0	0
S	82	**EQUALS TOTAL PURCHASED POWER COST OF SERVICE**		735,782	0	735,782	0	0	0	0	0	0	0
S	83	**TOTAL COST OF SERVICE PURCH.POWER INCREASE/DECREASE**		(5,338)	0	(5,338)	0	0	0	0	0	0	0
S	84	**REVENUE INCREASE TO DISTRIBUTION REVENUES (%)**		-0.72%	0.00%	-0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	85			7.68%	0.00%	7.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	86	**DEVELOPMENT OF TRANSMISSION RETURN (EQUALIZED RATE)**											
S	87	**RATE BASE (CWC)**	SCH S, LN 43	9,820	9,820	0	0	0	9,820	0	0	0	0
S	88	**RETURN (RATE BASE * 7.68% ROR)**		754	754	0	0	0	754	0	0	0	0
S	89	**PLUS:**											
S	90	**OPERATING EXPENSES**											
S	91	Transmission O&M Expense	SCH S, LN 39	161,192	161,192	0	0	0	161,192	0	0	0	0
S	92	Transmission Income Taxes	CALCULATED	233	233	0	0	0	233	0	0	0	0
S	93	Transmission GRT Expense	CALCULATED	10,169	10,169	0	0	0	10,169	0	0	0	0
S	94	**EQUALS TOTAL TRANSMISSION COST OF SERVICE**		172,348	172,348	0	0	0	172,348	0	0	0	0
S	95	**TOTAL COST OF SERVICE TRANSMISSION INCREASE/DECREASE**		266	266	0	0	0	266	0	0	0	0
S	96	**REVENUE INCREASE TO RETAIL DISTRIBUTION REVENUES (%)**		0.15%	0.15%	0.00%	0.00%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%
S	97			7.68%	7.68%	0.00%	0.00%	0.00%	7.68%	0.00%	0.00%	0.00%	0.00%
S	98	**TOTAL INCREASE (DECREASE) REQUIRED**		246,909	175,911	(5,350)	76,348	(0)	477	175,434	113,445	40,883	(0)

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
S	50											
S	51	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**										
S	52	**DEVELOPMENT OF DISTRIBUTION RETURN (EQUALIZED RATE)**										
S	53	**RATE BASE**	SCH S, LN 23	514,431	1,001	0	1,142,943	229,757	171,488	222,443	14,745	12,195
S	54	**RETURN (RATE BASE * 7.68% ROR)**		39,508	77	0	87,778	17,645	13,170	17,084	1,132	937
S	55	**PLUS:**										
S	56	**OPERATING EXPENSES**										
S	57	Operation and Maintenance Expense	CALCULATED	13,951	4,755	0	116,445	6,771	15,736	146,559	17,533	19,914
S	58	Depreciation and Amortization Expense	SCH S, LN 11	20,850	0	0	39,811	10,399	39,769	11,835	742	3,786
S	59	Taxes Other Than Income Taxes-General	SCH S, LN 12	623	135	0	2,702	350	561	4,172	263	622
S	60	Taxes Other Than Income Taxes-Distribution GRT	CALCULATED	4,863	541	0	15,484	2,206	4,201	11,159	1,209	1,503
S	61	State and Federal Income Taxes	CALCULATED	6,416	24	0	16,431	1,976	748	4,660	311	(379)
S	62	**TOTAL OPERATING EXPENSES**		46,701	5,456	0	190,875	21,702	61,015	178,385	20,058	25,445
S	63											
S	64	**EQUALS TOTAL COST OF SERVICE**		86,210	5,533	0	278,653	39,348	74,185	195,468	21,191	26,381
S	65	**LESS:**										
S	66	Decommissioning Revenues	SCH S, LN 5	0	(3,860)	0	0	0	0	0	0	0
S	67	Other Operating Revenue	CALCULATED	2,549	60	0	11,300	1,415	1,573	2,102	229	423
S	68	**EQUALS:**										
S	69	**DISTRIBUTION BASE RATE SALES @ EQUALIZED ROR 7.68%**		83,660	9,332	0	267,353	37,933	72,612	193,367	20,962	25,959
S	70	Distribution Cost Increase without Forfeited Discount		21,026	10	0	49,571	9,263	7,427	9,879	679	(757)
S	71	**TOTAL COST OF SERVICE DISTRIBUTION INCREASE/DECREASE**		21,105	(12)	(0)	49,757	9,297	7,455	9,917	681	(759)
S	72	**REVENUE INCREASE TO DISTRIBUTION REVENUES W/O FORFEITED DISC**		33.57%	0.10%	4.37%	22.76%	32.31%	11.39%	5.38%	3.35%	-2.83%
S	73			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	74	**DEVELOPMENT OF PURCH. POWER RETURN (EQUALIZED RATE)**										
S	75	**RATE BASE (CWC)**	SCH S, LN 34	0	24,301	0	0	0	0	0	0	0
S	76	**RETURN (RATE BASE * 7.68% ROR)**		0	1,866	0	0	0	0	0	0	0
S	77	**PLUS:**										
S	78	**OPERATING EXPENSES**										
S	79	Purchased Power O&M Expense	SCH S, LN 30	0	689,927	0	0	0	0	0	0	0
S	80	Purchased Power Income Taxes	CALCULATED	0	578	0	0	0	0	0	0	0
S	81	Purchased Power GRT Expense	CALCULATED	0	43,411	0	0	0	0	0	0	0
S	82	**EQUALS TOTAL PURCHASED POWER COST OF SERVICE**		0	735,782	0	0	0	0	0	0	0
S	83	**TOTAL COST OF SERVICE PURCH.POWER INCREASE/DECREASE**		0	(5,338)	0	0	0	0	0	0	0
S	84	**REVENUE INCREASE TO DISTRIBUTION REVENUES (%)**		0.00%	-0.72%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	85			0.00%	7.68%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	86	**DEVELOPMENT OF TRANSMISSION RETURN (EQUALIZED RATE)**										
S	87	**RATE BASE (CWC)**	SCH S, LN 43	0	0	0	0	0	0	0	0	0
S	88	**RETURN (RATE BASE * 7.68% ROR)**		0	0	0	0	0	0	0	0	0
S	89	**PLUS:**										
S	90	**OPERATING EXPENSES**										
S	91	Transmission O&M Expense	SCH S, LN 39	0	0	0	0	0	0	0	0	0
S	92	Transmission Income Taxes	CALCULATED	0	0	0	0	0	0	0	0	0
S	93	Transmission GRT Expense	CALCULATED	0	0	0	0	0	0	0	0	0
S	94	**EQUALS TOTAL TRANSMISSION COST OF SERVICE**		0	0	0	0	0	0	0	0	0
S	95	**TOTAL COST OF SERVICE TRANSMISSION INCREASE/DECREASE**		0	0	0	0	0	0	0	0	0
S	96	**REVENUE INCREASE TO RETAIL DISTRIBUTION REVENUES (%)**		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	97			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
S	98	**TOTAL INCREASE (DECREASE) REQUIRED**		21,105	(5,350)	(0)	49,757	9,297	7,455	9,917	681	(759)

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	99												
S	100												
S	101	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**											
S	102	**DEVELOPMENT OF OVERALL RETURN (EQUALIZED RATE)**											
S	103	**RATE BASE**	CALCULATED	6,385,897	4,567,023	25,302	1,793,571	0	15,253	4,551,771	3,037,639	999,700	0
S	104	**RETURN (RATE BASE * 7.68% ROR)**		490,437	350,747	1,943	137,746	0	1,171	349,576	233,291	76,777	0
S	105	**PLUS:**											
S	106	**OPERATING EXPENSES**											
S	107	Operation and Maintenance Expense	CALCULATED	1,558,280	540,639	694,682	322,959	0	162,300	378,339	258,656	105,732	0
S	108	Depreciation and Amortization Expense	SCH S, LN 58	272,838	166,496	0	106,342	0	0	166,496	110,761	34,885	0
S	109	Taxes Other Than Income Taxes-General	SCH S, LN 59	25,274	16,469	135	8,670	0	32	16,437	13,416	2,399	0
S	110	Taxes Other Than Income Taxes-GRT	CALCULATED	147,795	68,080	43,952	35,763	0	10,272	57,809	39,144	13,802	0
S	111	State and Federal Income Taxes	CALCULATED	85,965	61,616	602	23,747	0	362	61,254	40,405	14,434	0
S	112	**TOTAL OPERATING EXPENSES**		2,090,152	853,301	739,371	497,480	0	172,966	680,335	462,381	171,252	0
S	113												
S	114	**EQUALS TOTAL COST OF SERVICE**		2,580,589	1,204,048	741,315	635,226	0	174,137	1,029,911	695,672	248,029	0
S	115	**LESS:**											
S	116	Decommissioning Revenues	SCH S, LN 66	(3,860)	0	(3,860)	0	0	0	0	0	0	0
S	117	Other Operating Revenue	SCH S, LN 67	53,260	36,159	60	17,041	0	15	36,144	23,424	10,171	0
S	118	**EQUALS:**											
S	119	**OVERALL BASE RATES @ EQUALIZED ROR 7.68%**		2,531,188	1,167,889	745,114	618,185	0	174,122	993,767	672,248	237,858	0
S	120	**COST OF SERVICE OVERALL INCREASE/DECREASE W/O FORFEITED DISC**		245,985	175,253	(5,330)	76,062	(0)	476	174,777	113,021	40,731	(0)
S	121	**TOTAL COST OF SERVICE OVERALL INCREASE/DECREASE**		246,909	175,911	(5,350)	76,348	(0)	477	175,434	113,445	40,883	(0)
S	122			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	123												
S	124												
S	125												
S	126												
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S	146												
S	147												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
S	99											
S	100											
S	101	**EQUALIZED RETURN AT PROPOSED ROR OF 7.68%**										
S	102	**DEVELOPMENT OF OVERALL RETURN (EQUALIZED RATE)**										
S	103	**RATE BASE**	CALCULATED	514,431	25,302	0	1,142,943	229,757	171,488	222,443	14,745	12,195
S	104	**RETURN (RATE BASE * 7.68% ROR)**		39,508	1,943	0	87,778	17,645	13,170	17,084	1,132	937
S	105	**PLUS:**										
S	106	**OPERATING EXPENSES**										
S	107	Operation and Maintenance Expense	CALCULATED	13,951	694,682	0	116,445	6,771	15,736	146,559	17,533	19,914
S	108	Depreciation and Amortization Expense	SCH S, LN 58	20,850	0	0	39,811	10,399	39,769	11,835	742	3,786
S	109	Taxes Other Than Income Taxes-General	SCH S, LN 59	623	135	0	2,702	350	561	4,172	263	622
S	110	Taxes Other Than Income Taxes-GRT	CALCULATED	4,863	43,952	0	15,484	2,206	4,201	11,159	1,209	1,503
S	111	State and Federal Income Taxes	CALCULATED	6,416	602	0	16,431	1,976	748	4,660	311	(379)
S	112	**TOTAL OPERATING EXPENSES**		46,701	739,371	0	190,875	21,702	61,015	178,385	20,058	25,445
S	113											
S	114	**EQUALS TOTAL COST OF SERVICE**		86,210	741,315	0	278,653	39,348	74,185	195,468	21,191	26,381
S	115	**LESS:**										
S	116	Decommissioning Revenues	SCH S, LN 66	0	(3,860)	0	0	0	0	0	0	0
S	117	Other Operating Revenue	SCH S, LN 67	2,549	60	0	11,300	1,415	1,573	2,102	229	423
S	118	**EQUALS:**										
S	119	**OVERALL BASE RATES @ EQUALIZED ROR 7.68%**		83,660	745,114	0	267,353	37,933	72,612	193,367	20,962	25,959
S	120	**COST OF SERVICE OVERALL INCREASE/DECREASE W/O FORFEITED DIS(**		21,026	(5,330)	(0)	49,571	9,263	7,427	9,879	679	(757)
S	121	**TOTAL COST OF SERVICE OVERALL INCREASE/DECREASE**		21,105	(5,350)	(0)	49,757	9,297	7,455	9,917	681	(759)
S	122			7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
S	123											
S	124											
S	125											
S	126											
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S	145											
S	146											
S	147											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
S	148												
S	149												
S	150												
RBP	1	**DEVELOPMENT OF RATE BASE**											
RBP	2	**ELECTRIC PLANT IN SERVICE**											
RBP	3	INTANGIBLE PLANT											
RBP	4	302-303-Franchise and consents & Misc Intang. Pla	TDPLT	146,780	106,873	0	39,907	0	0	106,873	72,308	21,107	0
RBP	5	302-	CUSTRES	0	0	0	0	0	0	0	0	0	0
RBP	6	303-	CUST	0	0	0	0	0	0	0	0	0	0
RBP	7	303-AMI Plant	CMETERS	85,972	0	0	85,972	0	0	0	0	0	0
RBP	8	TOTAL INTANGIBLE PLANT		232,753	106,873	0	125,879	0	0	106,873	72,308	21,107	0
RBP	9												
RBP	10	TRANSMISSION PLANT											
RBP	11	350-359 Accounts	DTRAN	0	0	0	0	0	0	0	0	0	0
RBP	12	361- Transmission Related Plant	DTRAN	0	0	0	0	0	0	0	0	0	0
RBP	13	TOTAL TRANSMISSION PLANT		0	0	0	0	0	0	0	0	0	0
RBP	14												
RBP	15	DISTRIBUTION PLANT											
RBP	16	360-Land & Land Rights	DDISPHT	45,126	45,126	0	0	0	0	45,126	45,126	0	0
RBP	17	361-Structures & Improvements	DDISPHT	220,410	220,410	0	0	0	0	220,410	220,410	0	0
RBP	18	362-Station Equipment	DDISPHT	1,179,459	1,179,459	0	0	0	0	1,179,459	1,179,459	0	0
RBP	19	364-Poles,Towers & Fixtures											
RBP	20	Primary HT	DDISPHT	488,429	488,429	0	0	0	0	488,429	488,429	0	0
RBP	21	Primary	DDISTPOL	291,059	291,059	0	0	0	0	291,059	0	291,059	0
RBP	22	Secondary	CDISTSOLC	300,520	0	0	300,520	0	0	0	0	0	0
RBP	23	Total Account 364		1,080,008	779,488	0	300,520	0	0	779,488	488,429	291,059	0
RBP	24	365-Overhead Conductors & Devices											
RBP	25	Primary HT	DDISPHT	893,625	893,625	0	0	0	0	893,625	893,625	0	0
RBP	26	Primary	DDISTPOL	532,518	532,518	0	0	0	0	532,518	0	532,518	0
RBP	27	Secondary	CDISTSULC	549,828	0	0	549,828	0	0	0	0	0	0
RBP	28	Total Account 365		1,975,971	1,426,142	0	549,828	0	0	1,426,142	893,625	532,518	0
RBP	29	366-Underground Conduit											
RBP	30	Primary HT	DDISPHT	377,318	377,318	0	0	0	0	377,318	377,318	0	0
RBP	31	Primary	DDISTPUL	110,608	110,608	0	0	0	0	110,608	0	110,608	0
RBP	32	Secondary	CDISTSOLC	155,680	0	0	155,680	0	0	0	0	0	0
RBP	33	Total Account 366		643,607	487,926	0	155,680	0	0	487,926	377,318	110,608	0
RBP	34	367-Underground Conductors & Devices											
RBP	35	Primary HT	DDISPHT	934,653	934,653	0	0	0	0	934,653	934,653	0	0
RBP	36	Primary	DDISTPUL	273,987	273,987	0	0	0	0	273,987	0	273,987	0
RBP	37	Secondary	CDISTSULC	385,635	0	0	385,635	0	0	0	0	0	0
RBP	38	Total Account 367		1,594,275	1,208,640	0	385,635	0	0	1,208,640	934,653	273,987	0
RBP	39	368-Line Transformers	DDISTSUT	770,400	770,400	0	0	0	0	770,400	0	0	0
RBP	40	369-Services	CSERVICE	462,459	0	0	462,459	0	0	0	0	0	0
RBP	41	370-Meters	CMETERS	352,706	0	0	352,706	0	0	0	0	0	0
RBP	42	371-Installation on Customer Premises	CUSTPREM	13,772	0	0	13,772	0	0	0	0	0	0
RBP	43	373-Street Lighting & Signal Systems	CLIGHT	63,728	0	0	63,728	0	0	0	0	0	0
RBP	44	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	3,296	2,400	0	896	0	0	2,400	1,624	474	0
RBP	45	TOTAL DISTRIBUTION PLANT		8,405,217	6,119,992	0	2,285,226	0	0	6,119,992	4,140,643	1,208,646	0
RBP	46												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
S	148											
S	149											
S	150											
RBP	1	**DEVELOPMENT OF RATE BASE**										
RBP	2	**ELECTRIC PLANT IN SERVICE**										
RBP	3	INTANGIBLE PLANT										
RBP	4	302-303-Franchise and consents & Misc Intang. Pla	TDPLT	13,459	0	0	24,312	8,079	6,162	0	0	1,354
RBP	5	302-	CUSTRES	0	0	0	0	0	0	0	0	0
RBP	6	303-	CUST	0	0	0	0	0	0	0	0	0
RBP	7	303-AMI Plant	CMETERS	0	0	0	0	0	85,972	0	0	0
RBP	8	TOTAL INTANGIBLE PLANT		13,459	0	0	24,312	8,079	92,134	0	0	1,354
RBP	9											
RBP	10	TRANSMISSION PLANT										
RBP	11	350-359 Accounts	DTRAN	0	0	0	0	0	0	0	0	0
RBP	12	361- Transmission Related Plant	DTRAN	0	0	0	0	0	0	0	0	0
RBP	13	TOTAL TRANSMISSION PLANT		0	0	0	0	0	0	0	0	0
RBP	14											
RBP	15	DISTRIBUTION PLANT										
RBP	16	360-Land & Land Rights	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	17	361-Structures & Improvements	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	18	362-Station Equipment	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	19	364-Poles,Towers & Fixtures										
RBP	20	Primary HT	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	21	Primary	DDISTPOL	0	0	0	0	0	0	0	0	0
RBP	22	Secondary	CDISTSOLC	0	0	0	300,520	0	0	0	0	0
RBP	23	Total Account 364		0	0	0	300,520	0	0	0	0	0
RBP	24	365-Overhead Conductors & Devices										
RBP	25	Primary HT	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	26	Primary	DDISTPOL	0	0	0	0	0	0	0	0	0
RBP	27	Secondary	CDISTSULC	0	0	0	549,828	0	0	0	0	0
RBP	28	Total Account 365		0	0	0	549,828	0	0	0	0	0
RBP	29	366-Underground Conduit										
RBP	30	Primary HT	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	31	Primary	DDISTPUL	0	0	0	0	0	0	0	0	0
RBP	32	Secondary	CDISTSOLC	0	0	0	155,680	0	0	0	0	0
RBP	33	Total Account 366		0	0	0	155,680	0	0	0	0	0
RBP	34	367-Underground Conductors & Devices										
RBP	35	Primary HT	DDISPHT	0	0	0	0	0	0	0	0	0
RBP	36	Primary	DDISTPUL	0	0	0	0	0	0	0	0	0
RBP	37	Secondary	CDISTSULC	0	0	0	385,635	0	0	0	0	0
RBP	38	Total Account 367		0	0	0	385,635	0	0	0	0	0
RBP	39	368-Line Transformers	DDISTSUT	770,400	0	0	0	0	0	0	0	0
RBP	40	369-Services	CSERVICE	0	0	0	0	462,459	0	0	0	0
RBP	41	370-Meters	CMETERS	0	0	0	0	0	352,706	0	0	0
RBP	42	371-Installation on Customer Premises	CUSTPREM	0	0	0	0	0	0	0	0	13,772
RBP	43	373-Street Lighting & Signal Systems	CLIGHT	0	0	0	0	0	0	0	0	63,728
RBP	44	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	302	0	0	546	181	138	0	0	30
RBP	45	TOTAL DISTRIBUTION PLANT		770,703	0	0	1,392,210	462,641	352,845	0	0	77,530
RBP	46											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBP	47												
RBP	48												
RBP	49												
RBP	50												
RBP	51	**ELECTRIC PLANT IN SERVICE CONTINUED**											
RBP	52												
RBP	53	GENERAL PLANT											
RBP	54	389-Land and Land Rights	SALWAGES	963	453	0	510	0	0	453	325	117	0
RBP	55	390-Structures and Improvements	SALWAGES	44,908	21,126	0	23,782	0	0	21,126	15,177	5,449	0
RBP	56	391-Office Furniture & Equipment	SALWAGES	37,177	17,489	0	19,688	0	0	17,489	12,564	4,511	0
RBP	57	393-Store Equipment	SALWAGES	42	20	0	22	0	0	20	14	5	0
RBP	58	394-Tools, Shop & Garage Equip.	SALWAGES	39,401	18,535	0	20,866	0	0	18,535	13,316	4,781	0
RBP	59	395-Laboratory Equipment	SALWAGES	369	174	0	195	0	0	174	125	45	0
RBP	60	397-Communication Equipment	SALWAGES	152,645	71,808	0	80,838	0	0	71,808	51,587	18,521	0
RBP	61	398-Miscellaneous Equipment / ARO	SALWAGES	163	76	0	86	0	0	76	55	20	0
RBP	62	399-Other Tangible Property	SALWAGES	1,543	726	0	817	0	0	726	521	187	0
RBP	63	TOTAL GENERAL PLANT		277,210	130,406	0	146,804	0	0	130,406	93,685	33,635	0
RBP	64												
RBP	65												
RBP	66	**TOTAL ELECTRIC PLANT IN SERVICE**		8,915,180	6,357,271	0	2,557,909	0	0	6,357,271	4,306,636	1,263,387	0
RBP	67												
RBP	68												
RBP	69												
RBP	70												
RBP	71												
RBP	72												
RBP	73												
RBP	74												
RBP	75												
RBP	76												
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RBP	90												
RBP	91												
RBP	92												
RBP	93												
RBP	94												
RBP	95												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBP	47											
RBP	48											
RBP	49											
RBP	50											
RBP	51	**ELECTRIC PLANT IN SERVICE CONTINUED**										
RBP	52											
RBP	53	GENERAL PLANT										
RBP	54	389-Land and Land Rights	SALWAGES	11	0	0	130	5	21	295	18	41
RBP	55	390-Structures and Improvements	SALWAGES	500	0	0	6,078	227	958	13,757	862	1,899
RBP	56	391-Office Furniture & Equipment	SALWAGES	414	0	0	5,032	188	793	11,389	714	1,572
RBP	57	393-Store Equipment	SALWAGES	0	0	0	6	0	1	13	1	2
RBP	58	394-Tools, Shop & Garage Equip.	SALWAGES	439	0	0	5,333	199	841	12,070	757	1,666
RBP	59	395-Laboratory Equipment	SALWAGES	4	0	0	50	2	8	113	7	16
RBP	60	397-Communication Equipment	SALWAGES	1,699	0	0	20,660	772	3,258	46,761	2,931	6,456
RBP	61	398-Miscellaneous Equipment / ARO	SALWAGES	2	0	0	22	1	3	50	3	7
RBP	62	399-Other Tangible Property	SALWAGES	17	0	0	209	8	33	473	30	65
RBP	63	TOTAL GENERAL PLANT		3,086	0	0	37,519	1,403	5,916	84,920	5,323	11,724
RBP	64											
RBP	65											
RBP	66	**TOTAL ELECTRIC PLANT IN SERVICE**		787,247	0	0	1,454,040	472,123	450,895	84,920	5,323	90,608
RBP	67											
RBP	68											
RBP	69											
RBP	70											
RBP	71											
RBP	72											
RBP	73											
RBP	74											
RBP	75											
RBP	76											
RBP	77											
RBP	78											
RBP	79											
RBP	80											
RBP	81											
RBP	82											
RBP	83											
RBP	84											
RBP	85											
RBP	86											
RBP	87											
RBP	88											
RBP	89											
RBP	90											
RBP	91											
RBP	92											
RBP	93											
RBP	94											
RBP	95											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBP	96												
RBP	97												
RBP	98												
RBP	99												
RBP	100												
RBD	1	**LESS: ACCUMULATED DEPRECIATION**											
RBD	2												
RBD	3	INTANGIBLE PLANT ACCUMULATED DEPRECIATIC	INTPLT	165,969	76,208	0	89,761	0	0	76,208	51,561	15,050	0
RBD	4												
RBD	5	TRANSMISSION PLANT ACCUMULATED DEPRECI/	TRANPLT	0	0	0	0	0	0	0	0	0	0
RBD	6												
RBD	7	DISTRIBUTION PLANT ACCUMULATED DEPRECIATION											
RBD	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0	0	0
RBD	9	361-Structures & Improvements	PLT_361	45,247	45,247	0	0	0	0	45,247	45,247	0	0
RBD	10	362-Station Equipment	PLT_362	485,873	485,873	0	0	0	0	485,873	485,873	0	0
RBD	11	364-Poles,Towers & Fixtures	PLT_364	138,006	99,605	0	38,401	0	0	99,605	62,413	37,192	0
RBD	12	365-Overhead Conductors & Devices	PLT_365	310,088	223,804	0	86,284	0	0	223,804	140,236	83,568	0
RBD	13	366-Underground Conduit	PLT_366	177,967	134,919	0	43,048	0	0	134,919	104,334	30,585	0
RBD	14	367-Underground Conductors & Devices	PLT_367	224,564	170,245	0	54,319	0	0	170,245	131,652	38,593	0
RBD	15	368-Line Transformers	PLT_368	186,839	186,839	0	0	0	0	186,839	0	0	0
RBD	16	369-Services	PLT_369	189,472	0	0	189,472	0	0	0	0	0	0
RBD	17	370-Meters	PLT_370	178,397	0	0	178,397	0	0	0	0	0	0
RBD	18	371-Installation on Customer Premises	PLT_371	10,075	0	0	10,075	0	0	0	0	0	0
RBD	19	373-Street Lighting & Signal Systems	PLT_373	28,880	0	0	28,880	0	0	0	0	0	0
RBD	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	2,116	1,541	0	575	0	0	1,541	1,042	304	0
RBD	21	TOTAL DISTRIBUTION PLANT ACCUMULATED DEPRECIATION		1,977,526	1,348,073	0	629,453	0	0	1,348,073	970,797	190,242	0
RBD	22												
RBD	23	GENERAL PLANT ACCUMULATED DEPRECIATION	GENLPLT	108,234	50,916	0	57,318	0	0	50,916	36,578	13,132	0
RBD	24												
RBD	25	**TOTAL ACCUMULATED DEPRECIATION**		2,251,728	1,475,197	0	776,532	0	0	1,475,197	1,058,936	218,425	0
RBD	26												
RBD	27												
RBD	28												
RBD	29	**NET ELECTRIC PLANT IN SERVICE**		6,663,451	4,882,074	0	1,781,377	0	0	4,882,074	3,247,700	1,044,962	0
RBD	30												
RBD	31												
RBD	32												
RBD	33												
RBD	34												
RBD	35												
RBD	36												
RBD	37												
RBD	38												
RBD	39												
RBD	40												
RBD	41												
RBD	42												
RBD	43												
RBD	44												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBP	96											
RBP	97											
RBP	98											
RBP	99											
RBP	100											
RBD	1	**LESS: ACCUMULATED DEPRECIATION**										
RBD	2											
RBD	3	INTANGIBLE PLANT ACCUMULATED DEPRECIATI(	INTPLT	9,597	0	0	17,336	5,761	65,698	0	0	965
RBD	4											
RBD	5	TRANSMISSION PLANT ACCUMULATED DEPRECI/	TRANPLT	0	0	0	0	0	0	0	0	0
RBD	6											
RBD	7	DISTRIBUTION PLANT ACCUMULATED DEPRECIATION										
RBD	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0	0
RBD	9	361-Structures & Improvements	PLT_361	0	0	0	0	0	0	0	0	0
RBD	10	362-Station Equipment	PLT_362	0	0	0	0	0	0	0	0	0
RBD	11	364-Poles,Towers & Fixtures	PLT_364	0	0	0	38,401	0	0	0	0	0
RBD	12	365-Overhead Conductors & Devices	PLT_365	0	0	0	86,284	0	0	0	0	0
RBD	13	366-Underground Conduit	PLT_366	0	0	0	43,048	0	0	0	0	0
RBD	14	367-Underground Conductors & Devices	PLT_367	0	0	0	54,319	0	0	0	0	0
RBD	15	368-Line Transformers	PLT_368	186,839	0	0	0	0	0	0	0	0
RBD	16	369-Services	PLT_369	0	0	0	0	189,472	0	0	0	0
RBD	17	370-Meters	PLT_370	0	0	0	0	0	178,397	0	0	0
RBD	18	371-Installation on Customer Premises	PLT_371	0	0	0	0	0	0	0	0	10,075
RBD	19	373-Street Lighting & Signal Systems	PLT_373	0	0	0	0	0	0	0	0	28,880
RBD	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	194	0	0	350	116	89	0	0	20
RBD	21	TOTAL DISTRIBUTION PLANT ACCUMULATED DEPRECIATION		187,033	0	0	222,403	189,588	178,486	0	0	38,975
RBD	22											
RBD	23	GENERAL PLANT ACCUMULATED DEPRECIATION	GENLPLT	1,205	0	0	14,649	548	2,310	33,156	2,078	4,578
RBD	24											
RBD	25	**TOTAL ACCUMULATED DEPRECIATION**		197,835	0	0	254,388	195,897	246,494	33,156	2,078	44,518
RBD	26											
RBD	27											
RBD	28											
RBD	29	**NET ELECTRIC PLANT IN SERVICE**		589,412	0	0	1,199,652	276,226	204,401	51,764	3,244	46,090
RBD	30											
RBD	31											
RBD	32											
RBD	33											
RBD	34											
RBD	35											
RBD	36											
RBD	37											
RBD	38											
RBD	39											
RBD	40											
RBD	41											
RBD	42											
RBD	43											
RBD	44											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBD	45												
RBD	46												
RBD	47												
RBD	48												
RBD	49												
RBD	50												
RBO	1	**ADDITIONS AND DEDUCTIONS TO RATE BASE**											
RBO	2												
RBO	3	**PLUS: ADDITIONS TO RATE BASE**											
RBO	4												
RBO	5	COMMON PLANT	SALWAGES	424,369	199,632	0	224,737	0	0	199,632	143,418	51,490	0
RBO	6												
RBO	7	**WORKING CAPITAL**											
RBO	8	Purchased Power Cash Working Capital	SCH RBC, LN 33	24,301	0	24,301	0	0	0	0	0	0	0
RBO	9	Transmission Cash Working Capital	SCH RBC, LN 44	9,820	9,820	0	0	0	9,820	0	0	0	0
RBO	10	Distribution											
RBO	11	Cash Working Capital	SCH RBC, LN 18	121,428	77,016	1,001	43,410	0	5,433	71,583	51,497	16,095	0
RBO	12	Materials and Supplies	TOTPLT	19,944	14,222	0	5,722	0	0	14,222	9,634	2,826	0
RBO	13	Total Distribution Working Capital		141,372	91,238	1,001	49,132	0	5,433	85,805	61,131	18,921	0
RBO	14	TOTAL WORKING CAPITAL		175,492	101,058	25,302	49,132	0	15,253	85,805	61,131	18,921	0
RBO	15	TOTAL ADDITIONS TO RATE BASE		599,862	300,690	25,302	273,869	0	15,253	285,438	204,550	70,411	0
RBO	16												
RBO	17	**LESS: DEDUCTIONS TO RATE BASE**											
RBO	18	Customer Deposits	CUSTDEP	49,195	0	0	49,195	0	0	0	0	0	0
RBO	19	Customer Advances for Construction	CUSTADV	1,707	1,258	0	449	0	0	1,258	869	390	0
RBO	20	Deferred Income Taxes and Credits											
RBO	21	Plant	TOTPLT	981,389	699,813	0	281,576	0	0	699,813	474,077	139,074	0
RBO	22	Common Plant	SALWAGES	20,872	9,818	0	11,053	0	0	9,818	7,054	2,532	0
RBO	23	Pension Asset & OPEB Contribution	SALWAGES	(128,977)	(60,673)	0	(68,303)	0	0	(60,673)	(43,589)	(15,649)	0
RBO	24	Unamortized AMR Investment	CMETERS	0	0	0	0	0	0	0	0	0	0
RBO	25	Contributions in Aid of Construction (CIAC)	CUSTADV	(46,770)	(34,475)	0	(12,295)	0	0	(34,475)	(23,801)	(10,674)	0
RBO	26	Total Deferred Income Taxes and Credits		826,514	614,483	0	212,031	0	0	614,483	413,742	115,284	0
RBO	27	TOTAL DEDUCTIONS TO RATE BASE		877,416	615,741	0	261,675	0	0	615,741	414,610	115,674	0
RBO	28												
RBO	29												
RBO	30	Total Distribution Additions to Rate Base		565,741	290,871	1,001	273,869	0	5,433	285,438	204,550	70,411	0
RBO	31												
RBO	32	TOTAL PURCHASED POWER RATE BASE		24,301	0	24,301	0	0	0	0	0	0	0
RBO	33	TOTAL TRANSMSSION RATE BASE		9,820	9,820	0	0	0	9,820	0	0	0	0
RBO	34	TOTAL DISTRIBUTION RATE BASE		6,351,776	4,557,204	1,001	1,793,571	0	5,433	4,551,771	3,037,639	999,700	0
RBO	35												
RBO	36	**TOTAL RATE BASE**		6,385,897	4,567,023	25,302	1,793,571	0	15,253	4,551,771	3,037,639	999,700	0
RBO	37												
RBO	38												
RBO	39												
RBO	40												
RBO	41												
RBO	42												
RBO	43												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBD	45											
RBD	46											
RBD	47											
RBD	48											
RBD	49											
RBD	50											
RBO	1	**ADDITIONS AND DEDUCTIONS TO RATE BASE**										
RBO	2											
RBO	3	**PLUS: ADDITIONS TO RATE BASE**										
RBO	4											
RBO	5	COMMON PLANT	SALWAGES	4,724	0	0	57,436	2,148	9,056	130,001	8,148	17,948
RBO	6											
RBO	7	**WORKING CAPITAL**										
RBO	8	Purchased Power Cash Working Capital	SCH RBC, LN 33	0	24,301	0	0	0	0	0	0	0
RBO	9	Transmission Cash Working Capital	SCH RBC, LN 44	0	0	0	0	0	0	0	0	0
RBO	10	Distribution										
RBO	11	Cash Working Capital	SCH RBC, LN 18	3,991	1,001	0	16,187	1,752	4,350	16,720	1,851	2,551
RBO	12	Materials and Supplies	TOTPLT	1,761	0	0	3,253	1,056	1,009	190	12	203
RBO	13	Total Distribution Working Capital		5,753	1,001	0	19,440	2,808	5,358	16,910	1,863	2,754
RBO	14	TOTAL WORKING CAPITAL		5,753	25,302	0	19,440	2,808	5,358	16,910	1,863	2,754
RBO	15	TOTAL ADDITIONS TO RATE BASE		10,477	25,302	0	76,875	4,955	14,415	146,911	10,011	20,702
RBO	16											
RBO	17	**LESS: DEDUCTIONS TO RATE BASE**										
RBO	18	Customer Deposits	CUSTDEP	0	0	0	0	0	0	0	0	49,195
RBO	19	Customer Advances for Construction	CUSTADV	0	0	0	449	0	0	0	0	0
RBO	20	Deferred Income Taxes and Credits										
RBO	21	Plant	TOTPLT	86,661	0	0	160,062	51,972	49,635	9,348	586	9,974
RBO	22	Common Plant	SALWAGES	232	0	0	2,825	106	445	6,394	401	883
RBO	23	Pension Asset & OPEB Contribution	SALWAGES	(1,436)	0	0	(17,456)	(653)	(2,752)	(39,511)	(2,476)	(5,455)
RBO	24	Unamortized AMR Investment	CMETERS	0	0	0	0	0	0	0	0	0
RBO	25	Contributions in Aid of Construction (CIAC)	CUSTADV	0	0	0	(12,295)	0	0	0	0	0
RBO	26	Total Deferred Income Taxes and Credits		85,457	0	0	133,136	51,425	47,328	(23,769)	(1,490)	5,402
RBO	27	TOTAL DEDUCTIONS TO RATE BASE		85,457	0	0	133,584	51,425	47,328	(23,769)	(1,490)	54,597
RBO	28											
RBO	29											
RBO	30	Total Distribution Additions to Rate Base		10,477	1,001	0	76,875	4,955	14,415	146,911	10,011	20,702
RBO	31											
RBO	32	TOTAL PURCHASED POWER RATE BASE		0	24,301	0	0	0	0	0	0	0
RBO	33	TOTAL TRANSMSSION RATE BASE		0	0	0	0	0	0	0	0	0
RBO	34	TOTAL DISTRIBUTION RATE BASE		514,431	1,001	0	1,142,943	229,757	171,488	222,443	14,745	12,195
RBO	35											
RBO	36	**TOTAL RATE BASE**		514,431	25,302	0	1,142,943	229,757	171,488	222,443	14,745	12,195
RBO	37											
RBO	38											
RBO	39											
RBO	40											
RBO	41											
RBO	42											
RBO	43											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBO	44												
RBO	45												
RBO	46												
RBO	47												
RBO	48												
RBO	49												
RBO	50												
RBC	1	**CASH WORKING CAPITAL (LEAD LAG)**											
RBC	2	**DISTRIBUTION**											
RBC	3	O&M EXPENSE RELATED CASH WORKING CAPITAL											
RBC	4	Payroll (Distribution Only)	SALWAGES	171,625	80,736	0	90,889	0	0	80,736	58,002	20,824	0
RBC	5	Pension	SALWAGES	8,904	4,189	0	4,715	0	0	4,189	3,009	1,080	0
RBC	6	Other Expenses	OMXPPPP	562,564	377,474	4,093	180,997	0	138,283	239,191	160,732	68,670	0
RBC	7	TOTAL EXPENSES		743,093	462,399	4,093	276,602	0	138,283	324,115	221,744	90,575	0
RBC	8	POR Working Capital	POR	1,017,444	720,851	8,198	288,395	0	1,392	719,459	543,046	133,489	0
RBC	9	TOTAL EXPENSES PER DAY		4,823	3,242	34	1,548	0	383	2,859	2,095	614	0
RBC	10												
RBC	11	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		67,218	45,177	469	21,572	0	5,333	39,844	29,200	8,555	0
RBC	12												
RBC	13	AVERAGE PREPAYMENTS		5,442	3,027	144	2,271	0	32	2,995	2,027	744	0
RBC	14	DISTRIBUTION ACCRUED TAXES		62,517	38,617	388	23,512	0	68	38,549	26,912	8,745	0
RBC	15	INTEREST PAYMENTS	TOTPLT	(13,749)	(9,804)	0	(3,945)	0	0	(9,804)	(6,642)	(1,948)	0
RBC	16												
RBC	17												
RBC	18	NET DISTRIBUTION CASH WORKING CAPITAL REQUIREMENT		121,428	77,016	1,001	43,410	0	5,433	71,583	51,497	16,095	0
RBC	19												
RBC	20												
RBC	21	**PURCHASED POWER**											
RBC	22	O&M EXPENSE RELATED CASH WORKING CAPITAL											
RBC	23	Commodity Purchased - Contract Purchases	ENERGY1	684,441	0	684,441	0	0	0	0	0	0	0
RBC	24	Commodity Purchased - Spot Market Purchases	ENERGY1	5,486	0	5,486	0	0	0	0	0	0	0
RBC	25	TOTAL EXPENSES		689,927	0	689,927	0	0	0	0	0	0	0
RBC	26												
RBC	27	TOTAL EXPENSES PER DAY		1,890	0	1,890	0	0	0	0	0	0	0
RBC	28												
RBC	29	PP CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		24,301	0	24,301	0	0	0	0	0	0	0
RBC	30												
RBC	31	Energy ACCRUED TAXES	ENERGY1	0	0	0	0	0	0	0	0	0	0
RBC	32												
RBC	33	NET Energy CASH WORKING CAPITAL REQUIREMENT		24,301	0	24,301	0	0	0	0	0	0	0
RBC	34												
RBC	35	**TRANSMISSION**											
RBC	36	O&M EXPENSE - PJM Transmission Purchase	DTRAN	100,124	100,124	0	0	0	100,124	0	0	0	0
RBC	37												
RBC	38	TOTAL EXPENSES PER DAY		274	274	0	0	0	274	0	0	0	0
RBC	39												
RBC	40	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		9,820	9,820	0	0	0	9,820	0	0	0	0
RBC	41												
RBC	42	TRANSMISSION ACCRUED TAXES	DTRAN	0	0	0	0	0	0	0	0	0	0

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBO	44											
RBO	45											
RBO	46											
RBO	47											
RBO	48											
RBO	49											
RBO	50											
RBC	1	**CASH WORKING CAPITAL (LEAD LAG)**										
RBC	2	**DISTRIBUTION**										
RBC	3	O&M EXPENSE RELATED CASH WORKING CAPITAL										
RBC	4	Payroll (Distribution Only)	SALWAGES	1,911	0	0	23,228	869	3,663	52,575	3,295	7,259
RBC	5	Pension	SALWAGES	99	0	0	1,205	45	190	2,728	171	377
RBC	6	Other Expenses	OMXPPPP	9,788	4,093	0	75,293	4,817	9,639	71,518	10,112	9,617
RBC	7	TOTAL EXPENSES		11,797	4,093	0	99,727	5,731	13,492	126,821	13,578	17,252
RBC	8	POR Working Capital	POR	42,924	8,198	0	108,721	21,494	39,795	98,107	11,440	8,839
RBC	9	TOTAL EXPENSES PER DAY		150	34	0	571	75	146	616	69	71
RBC	10											
RBC	11	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		2,089	469	0	7,959	1,039	2,034	8,588	955	996
RBC	12											
RBC	13	AVERAGE PREPAYMENTS		225	144	0	819	113	199	527	54	560
RBC	14	DISTRIBUTION ACCRUED TAXES		2,892	388	0	9,652	1,327	2,812	7,736	850	1,134
RBC	15	INTEREST PAYMENTS	TOTPLT	(1,214)	0	0	(2,242)	(728)	(695)	(131)	(8)	(140)
RBC	16											
RBC	17											
RBC	18	NET DISTRIBUTION CASH WORKING CAPITAL REQUIREMENT		3,991	1,001	0	16,187	1,752	4,350	16,720	1,851	2,551
RBC	19											
RBC	20											
RBC	21	**PURCHASED POWER**										
RBC	22	O&M EXPENSE RELATED CASH WORKING CAPITAL										
RBC	23	Commodity Purchased - Contract Purchases	ENERGY1	0	684,441	0	0	0	0	0	0	0
RBC	24	Commodity Purchased - Spot Market Purchases	ENERGY1	0	5,486	0	0	0	0	0	0	0
RBC	25	TOTAL EXPENSES		0	689,927	0	0	0	0	0	0	0
RBC	26											
RBC	27	TOTAL EXPENSES PER DAY		0	1,890	0	0	0	0	0	0	0
RBC	28											
RBC	29	PP CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		0	24,301	0	0	0	0	0	0	0
RBC	30											
RBC	31	Energy ACCRUED TAXES	ENERGY1	0	0	0	0	0	0	0	0	0
RBC	32											
RBC	33	NET Energy CASH WORKING CAPITAL REQUIREMENT		0	24,301	0	0	0	0	0	0	0
RBC	34											
RBC	35	**TRANSMISSION**										
RBC	36	O&M EXPENSE - PJM Transmission Purchase	DTRAN	0	0	0	0	0	0	0	0	0
RBC	37											
RBC	38	TOTAL EXPENSES PER DAY		0	0	0	0	0	0	0	0	0
RBC	39											
RBC	40	CWC REQUIREMENT (TOTAL EXPENSES x EXPENSE LAG)		0	0	0	0	0	0	0	0	0
RBC	41											
RBC	42	TRANSMISSION ACCRUED TAXES	DTRAN	0	0	0	0	0	0	0	0	0

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBC	43												
RBC	44	NET TRANSMISSION CASH WORKING CAPITAL REQUIREMENT		9,820	9,820	0	0	0	9,820	0	0	0	0
RBC	45												
RBC	46												
RBC	47	NET TOTAL CASH WORKING CAPITAL REQUIREMENT		155,548	86,836	25,302	43,410	0	15,253	71,583	51,497	16,095	0
RBC	48												
RBC	49												
RBC	50												
RBC	1	**CASH WORKING CAPITAL (LEAD LAG) CONTINUED**											
RBC	2												
RBC	3	**LAG/LEAD DAYS**		**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**
RBC	4	REVENUE LAG DAYS	48.30										
RBC	5	EXPENSE LAG DAYS	33.80	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
RBC	6	PURCHASED POWER REVENUE LAG DAYS	48.30										
RBC	7	PURCHASED POWER EXP LAG DAYS	35.44	12.86	12.86	12.86	12.86	12.86	12.86	12.86	12.86	12.86	12.86
RBC	8	TRANSMISSION REVENUE LAG DAYS	48.30										
RBC	9	TRANSMISSION EXP LAG DAYS	12.50	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80
RBC	10	DISTRIBUTION REVENUE LAG DAYS	48.30										
RBC	11	DISTRIBUTION LAG DAYS	34.36	13.94	13.94	13.94	13.94	13.94	13.94	13.94	13.94	13.94	13.94
RBC	12												
RBC	13												
RBC	14												
RBC	15												
RBC	16	DISTRIBUTION ACCRUED TAXES											
RBC	17	Federal Income Tax	EBT	604,704	447,806	127	156,770	0	686	447,120	306,325	94,893	0
RBC	18	State Income Tax	EBT	285,646	211,532	60	74,054	0	324	211,207	144,700	44,825	0
RBC	19	PURTA Taxes	PLT_3601	679,320	679,320	0	0	0	0	679,320	679,320	0	0
RBC	20	Capital Stock	CAPSTOCK	0	0	0	0	0	0	0	0	0	0
RBC	21	PA & Local Use Taxes	CLAIMREV	0	0	0	0	0	0	0	0	0	0
RBC	22	PA Property tax	TOTPLT	417,511	297,721	0	119,791	0	0	297,721	201,686	59,166	0
RBC	23	PA Corp Loan Tax	TOTPLT	0	0	0	0	0	0	0	0	0	0
RBC	24	Philadelphia BPT	SALESREV	0	0	0	0	0	0	0	0	0	0
RBC	25	Local Privilege Tax	SALESREV	0	0	0	0	0	0	0	0	0	0
RBC	26	Gross Receipts Tax	SALESREV	20,831,566	12,458,757	141,565	8,231,245	0	23,756	12,435,000	8,490,946	2,993,058	0
RBC	27	Lag Day Weighted Accrued Taxes		22,818,747	14,095,135	141,752	8,581,860	0	24,767	14,070,368	9,822,977	3,191,943	0
RBC	28	Total Accrued Taxes CWC		62,517	38,617	388	23,512	0	68	38,549	26,912	8,745	0
RBC	29												
RBC	30	DISTRIBUTION AVERAGE PREPAYMENTS											
RBC	31	Customer Experience	CUST	45	0	0	45	0	0	0	0	0	0
RBC	32	EEI and EPRI Dues	CLAIMREV	420	194	124	102	0	29	165	111	39	0
RBC	33	PUC Assess - Electric	SALESREV	2,984	1,785	20	1,179	0	3	1,781	1,216	429	0
RBC	34	Prepaid Rents and Pole Attachment Fees	PLT_364	468	338	0	130	0	0	338	212	126	0
RBC	35	Land Leasing	DISTPLT	107	78	0	29	0	0	78	53	15	0
RBC	36	Equipment Maintenance	DISTPLT	60	43	0	16	0	0	43	29	9	0
RBC	37	Business Support System	CUST	257	0	0	257	0	0	0	0	0	0
RBC	38	VEBA Adjustment	SALWAGES	213	100	0	113	0	0	100	72	26	0
RBC	39	Facilities Contracts	DISTPLT	19	14	0	5	0	0	14	9	3	0
RBC	40	IT Service Contracts	TOTPLT	615	438	0	176	0	0	438	297	87	0
RBC	41	Fleet Activities	GENLPLT	79	37	0	42	0	0	37	27	10	0

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS		DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)		(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBC	43												
RBC	44	NET TRANSMISSION CASH WORKING CAPITAL REQUIREMENT			0	0	0	0	0	0	0	0	0
RBC	45												
RBC	46												
RBC	47	NET TOTAL CASH WORKING CAPITAL REQUIREMENT			3,991	25,302	0	16,187	1,752	4,350	16,720	1,851	2,551
RBC	48												
RBC	49												
RBC	50												
RBC	1	**CASH WORKING CAPITAL (LEAD LAG) CONTINUED**											
RBC	2												
RBC	3	**LAG/LEAD DAYS**			**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**	**NET DAYS**
RBC	4	REVENUE LAG DAYS		48.30									
RBC	5	EXPENSE LAG DAYS		33.80	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
RBC	6	PURCHASED POWER REVENUE LAG DAYS		48.30									
RBC	7	PURCHASED POWER EXP LAG DAYS		35.44	12.86	12.86	12.86	12.86	12.86	12.86	12.86	12.86	12.86
RBC	8	TRANSMISSION REVENUE LAG DAYS		48.30									
RBC	9	TRANSMISSION EXP LAG DAYS		12.50	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80	35.80
RBC	10	DISTRIBUTION REVENUE LAG DAYS		48.30									
RBC	11	DISTRIBUTION LAG DAYS		34.36	13.94	13.94	13.94	13.94	13.94	13.94	13.94	13.94	13.94
RBC	12												
RBC	13												
RBC	14												
RBC	15												
RBC	16	DISTRIBUTION ACCRUED TAXES											
RBC	17	Federal Income Tax	EBT		45,901	127	0	100,635	18,403	10,443	22,979	1,468	2,842
RBC	18	State Income Tax	EBT		21,683	60	0	47,537	8,693	4,933	10,855	694	1,342
RBC	19	PURTA Taxes	PLT_3601		0	0	0	0	0	0	0	0	0
RBC	20	Capital Stock	CAPSTOCK		0	0	0	0	0	0	0	0	0
RBC	21	PA & Local Use Taxes	CLAIMREV		0	0	0	0	0	0	0	0	0
RBC	22	PA Property tax	TOTPLT		36,868	0	0	68,095	22,110	21,116	3,977	249	4,243
RBC	23	PA Corp Loan Tax	TOTPLT		0	0	0	0	0	0	0	0	0
RBC	24	Philadelphia BPT	SALESREV		0	0	0	0	0	0	0	0	0
RBC	25	Local Privilege Tax	SALESREV		0	0	0	0	0	0	0	0	0
RBC	26	Gross Receipts Tax	SALESREV		950,996	141,565	0	3,306,662	435,311	989,721	2,785,949	307,971	405,631
RBC	27	Lag Day Weighted Accrued Taxes			1,055,448	141,752	0	3,522,928	484,517	1,026,213	2,823,760	310,382	414,059
RBC	28	Total Accrued Taxes CWC			2,892	388	0	9,652	1,327	2,812	7,736	850	1,134
RBC	29												
RBC	30	DISTRIBUTION AVERAGE PREPAYMENTS											
RBC	31	Customer Experience	CUST		0	0	0	0	0	0	0	0	45
RBC	32	EEI and EPRI Dues	CLAIMREV		14	124	0	44	6	12	32	3	4
RBC	33	PUC Assess - Electric	SALESREV		136	20	0	474	62	142	399	44	58
RBC	34	Prepaid Rents and Pole Attachment Fees	PLT_364		0	0	0	130	0	0	0	0	0
RBC	35	Land Leasing	DISTPLT		10	0	0	18	6	4	0	0	1
RBC	36	Equipment Maintenance	DISTPLT		5	0	0	10	3	2	0	0	1
RBC	37	Business Support System	CUST		0	0	0	0	0	0	0	0	257
RBC	38	VEBA Adjustment	SALWAGES		2	0	0	29	1	5	65	4	9
RBC	39	Facilities Contracts	DISTPLT		2	0	0	3	1	1	0	0	0
RBC	40	IT Service Contracts	TOTPLT		54	0	0	100	33	31	6	0	6
RBC	41	Fleet Activities	GENLPLT		1	0	0	11	0	2	24	2	3

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBC	42	Postage	CUSTBILLS	176	0	0	176	0	0	0	0	0	0
RBC	43	TOTAL AVERAGE PREPAYMENTS		5,442	3,027	144	2,271	0	32	2,995	2,027	744	0
RBC	44												
RBC	45												
RBC	46												
RBC	47												
RBC	48												
RBC	49												
RBC	50												
RBC	51	**OPERATING REVENUES**											
RBC	52												
RBC	53	**SALES REVENUES**											
RBC	54	Sales of Electricity Revenues - Base		1,372,001	820,554	9,324	542,123	0	1,565	818,989	559,227	197,128	0
RBC	55	Sales of Electricity Revenues - Nuclear Decommissio	ENERGY2	(3,860)	0	(3,860)	0	0	0	0	0	0	0
RBC	56	Transmission Revenues	DTRANR	172,082	172,082	0	0	0	172,082	0	0	0	0
RBC	57	Purchased Electric Revenues	ENERGY1	741,120	0	741,120	0	0	0	0	0	0	0
RBC	58	TOTAL SALES OF ELECTRICITY		2,281,343	992,636	746,584	542,123	0	173,647	818,989	559,227	197,128	0
RBC	59												
RBC	60	**OTHER OPERATING REVENUES**											
RBC	61	Unbilled and Cost Adjustment Revenue	SALESREV	0	0	0	0	0	0	0	0	0	0
RBC	62	450-Forfeited Discounts	OX_904	12,795	6,833	80	5,882	0	13	6,820	4,296	1,916	0
RBC	63	454-Rent from Electric Property	PLT_364	19,219	13,871	0	5,348	0	0	13,871	8,692	5,179	0
RBC	64	456-Other Electric Revenues	DISTPLT	20,323	14,797	0	5,525	0	0	14,797	10,011	2,922	0
RBC	65	TOTAL OTHER OPERATING REV		52,337	35,501	80	16,755	0	13	35,488	23,000	10,018	0
RBC	66												
RBC	67	**TOTAL OPERATING REVENUES**		2,333,680	1,028,137	746,665	558,878	0	173,660	854,477	582,227	207,146	0
RBC	68												
RBC	69												
RBC	70												
RBC	71												
RBC	72												
RBC	73												
RBC	74												
RBC	75												
RBC	76												
RBC	77												
RBC	78												
RBC	79												
RBC	80												
RBC	81												
RBC	82												
RBC	83												
RBC	84												
RBC	85												
RBC	86												
RBC	87												
RBC	88												
RBC	89												
RBC	90												

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBC	42	Postage	CUSTBILLS	0	0	0	0	0	0	0	0	176
RBC	43	TOTAL AVERAGE PREPAYMENTS		225	144	0	819	113	199	527	54	560
RBC	44											
RBC	45											
RBC	46											
RBC	47											
RBC	48											
RBC	49											
RBC	50											
RBC	51	**OPERATING REVENUES**										
RBC	52											
RBC	53	**SALES REVENUES**										
RBC	54	Sales of Electricity Revenues - Base		62,634	9,324	0	217,782	28,670	65,185	183,487	20,283	26,716
RBC	55	Sales of Electricity Revenues - Nuclear Decommissio	ENERGY2	0	(3,860)	0	0	0	0	0	0	0
RBC	56	Transmission Revenues	DTRANR	0	0	0	0	0	0	0	0	0
RBC	57	Purchased Electric Revenues	ENERGY1	0	741,120	0	0	0	0	0	0	0
RBC	58	TOTAL SALES OF ELECTRICITY		62,634	746,584	0	217,782	28,670	65,185	183,487	20,283	26,716
RBC	59											
RBC	60	**OTHER OPERATING REVENUES**										
RBC	61	Unbilled and Cost Adjustment Revenue	SALESREV	0	0	0	0	0	0	0	0	0
RBC	62	450-Forfeited Discounts	OX_904	607	80	0	2,400	261	692	2,065	226	238
RBC	63	454-Rent from Electric Property	PLT_364	0	0	0	5,348	0	0	0	0	0
RBC	64	456-Other Electric Revenues	DISTPLT	1,863	0	0	3,366	1,119	853	0	0	187
RBC	65	TOTAL OTHER OPERATING REV		2,470	80	0	11,114	1,380	1,545	2,065	226	425
RBC	66											
RBC	67	**TOTAL OPERATING REVENUES**		65,104	746,665	0	228,896	30,050	66,730	185,552	20,510	27,141
RBC	68											
RBC	69											
RBC	70											
RBC	71											
RBC	72											
RBC	73											
RBC	74											
RBC	75											
RBC	76											
RBC	77											
RBC	78											
RBC	79											
RBC	80											
RBC	81											
RBC	82											
RBC	83											
RBC	84											
RBC	85											
RBC	86											
RBC	87											
RBC	88											
RBC	89											
RBC	90											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RBC	91												
RBC	92												
RBC	93												
RBC	94												
RBC	95												
RBC	96												
RBC	97												
RBC	98												
RBC	99												
RBC	100												
E	1	**OPERATION & MAINTENANCE EXPENSE**											
E	2												
E	3	PRODUCTION EXPENSE											
E	4	Other Power Supply											
E	5	555 - Purchased Power - Capacity	ENERGY1	689,927	0	689,927	0	0	0	0	0	0	0
E	6	Total Other Power Supply		689,927	0	689,927	0	0	0	0	0	0	0
E	7	TOTAL PRODUCTION EXPENSE		689,927	0	689,927	0	0	0	0	0	0	0
E	8												
E	9	TRANSMISSION EXPENSES											
E	10	Operation Expense	DTRANR	161,192	161,192	0	0	0	161,192	0	0	0	0
E	11	Maintenance Expense	DTRAN	0	0	0	0	0	0	0	0	0	0
E	12	TOTAL TRANSMISSION EXPENSE		161,192	161,192	0	0	0	161,192	0	0	0	0
E	13												
E	14	DISTRIBUTION EXPENSES											
E	15	Operation											
E	16	580-Supervision	SALWAGDO	1,120	518	0	602	0	0	518	356	123	0
E	17	581-Load Dispatch	DISTPLT	0	0	0	0	0	0	0	0	0	0
E	18	582-Station Equipment	PLT_362	640	640	0	0	0	0	640	640	0	0
E	19	583-Overhead Lines	OHDIST	17,204	12,417	0	4,787	0	0	12,417	7,781	4,637	0
E	20	584-Underground Lines	UGDIST	11,485	8,707	0	2,778	0	0	8,707	6,733	1,974	0
E	21	585-Street Lighting	PLT_3713	0	0	0	0	0	0	0	0	0	0
E	22	586-Metering	CMETERS	5,354	0	0	5,354	0	0	0	0	0	0
E	23	587-Customer Installations	CUST	9,857	0	0	9,857	0	0	0	0	0	0
E	24	588-Miscellaneous	DISTPLT	68,272	49,710	0	18,562	0	0	49,710	33,633	9,817	0
E	25	589-Rents	DISTPLT	3,139	2,286	0	854	0	0	2,286	1,546	451	0
E	26	Total Distribution Operation		117,072	74,278	0	42,794	0	0	74,278	50,689	17,002	0
E	27												
E	28	Maintenance											
E	29	590-Supervision	SALWAGDM	0	0	0	0	0	0	0	0	0	0
E	30	591-Structures	PLT_361	1,973	1,973	0	0	0	0	1,973	1,973	0	0
E	31	592-Station Equipment	PLT_362	16,530	16,530	0	0	0	0	16,530	16,530	0	0
E	32	593-Overhead Lines	OHDIST	198,275	143,104	0	55,171	0	0	143,104	89,669	53,434	0
E	33	594-Underground Lines	UGDIST	29,013	21,995	0	7,018	0	0	21,995	17,009	4,986	0
E	34	595-Transformers	PLT_368	1,500	1,500	0	0	0	0	1,500	0	0	0
E	35	596-Street Lighting	PLT_373	1,023	0	0	1,023	0	0	0	0	0	0
E	36	597-Metering	CMETERS	0	0	0	0	0	0	0	0	0	0
E	37	598-Miscellaneous	DISTPLT	14,304	10,415	0	3,889	0	0	10,415	7,047	2,057	0
E	38	Total Distribution Maintenance		262,619	195,517	0	67,102	0	0	195,517	132,228	60,478	0
E	39												

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RBC	91											
RBC	92											
RBC	93											
RBC	94											
RBC	95											
RBC	96											
RBC	97											
RBC	98											
RBC	99											
RBC	100											
E	1	**OPERATION & MAINTENANCE EXPENSE**										
E	2											
E	3	PRODUCTION EXPENSE										
E	4	Other Power Supply										
E	5	555 - Purchased Power - Capacity	ENERGY1	0	689,927	0	0	0	0	0	0	0
E	6	Total Other Power Supply		0	689,927	0	0	0	0	0	0	0
E	7	TOTAL PRODUCTION EXPENSE		0	689,927	0	0	0	0	0	0	0
E	8											
E	9	TRANSMISSION EXPENSES										
E	10	Operation Expense	DTRANR	0	0	0	0	0	0	0	0	0
E	11	Maintenance Expense	DTRAN	0	0	0	0	0	0	0	0	0
E	12	TOTAL TRANSMISSION EXPENSE		0	0	0	0	0	0	0	0	0
E	13											
E	14	DISTRIBUTION EXPENSES										
E	15	Operation										
E	16	580-Supervision	SALWAGDO	39	0	0	144	24	143	0	0	292
E	17	581-Load Dispatch	DISTPLT	0	0	0	0	0	0	0	0	0
E	18	582-Station Equipment	PLT_362	0	0	0	0	0	0	0	0	0
E	19	583-Overhead Lines	OHDIST	0	0	0	4,787	0	0	0	0	0
E	20	584-Underground Lines	UGDIST	0	0	0	2,778	0	0	0	0	0
E	21	585-Street Lighting	PLT_3713	0	0	0	0	0	0	0	0	0
E	22	586-Metering	CMETERS	0	0	0	0	0	5,354	0	0	0
E	23	587-Customer Installations	CUST	0	0	0	0	0	0	0	0	9,857
E	24	588-Miscellaneous	DISTPLT	6,260	0	0	11,308	3,758	2,866	0	0	630
E	25	589-Rents	DISTPLT	288	0	0	520	173	132	0	0	29
E	26	Total Distribution Operation		6,587	0	0	19,537	3,954	8,495	0	0	10,808
E	27											
E	28	Maintenance										
E	29	590-Supervision	SALWAGDM	0	0	0	0	0	0	0	0	0
E	30	591-Structures	PLT_361	0	0	0	0	0	0	0	0	0
E	31	592-Station Equipment	PLT_362	0	0	0	0	0	0	0	0	0
E	32	593-Overhead Lines	OHDIST	0	0	0	55,171	0	0	0	0	0
E	33	594-Underground Lines	UGDIST	0	0	0	7,018	0	0	0	0	0
E	34	595-Transformers	PLT_368	1,500	0	0	0	0	0	0	0	0
E	35	596-Street Lighting	PLT_373	0	0	0	0	0	0	0	0	1,023
E	36	597-Metering	CMETERS	0	0	0	0	0	0	0	0	0
E	37	598-Miscellaneous	DISTPLT	1,312	0	0	2,369	787	600	0	0	132
E	38	Total Distribution Maintenance		2,812	0	0	64,559	787	600	0	0	1,155
E	39											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
E	40	TOTAL DISTRIBUTION PLANT O&M EXPENSES		379,691	269,796	0	109,896	0	0	269,796	182,917	77,480	0
E	41	TOTAL PURCHASED POWER O&M EXPENSES		689,927	0	689,927	0	0	0	0	0	0	0
E	42	TOTAL TRANSMISSION O&M EXPENSES		161,192	161,192	0	0	0	161,192	0	0	0	0
E	43												
E	44	TOTAL OPER & MAINT EXP (PROD,TRAN,& DIST)		1,230,810	430,987	689,927	109,896	0	161,192	269,796	182,917	77,480	0
E	45												
E	46												
E	47												
E	48												
E	49												
E	50												
E	51	**OPERATION & MAINTENANCE EXPENSE CONTINUED**											
E	52												
E	53	CUSTOMER ACCOUNTS EXPENSES											
E	54	901-Supervision	SALWAGCA	0	0	0	0	0	0	0	0	0	0
E	55	902-Meter Reading	CMETERS	338	0	0	338	0	0	0	0	0	0
E	56	903-Customer Records and Collection Expense	CUSTREC	81,794	0	0	81,794	0	0	0	0	0	0
E	57	904-Uncollectible Accounts	EXP_904	38,985	20,819	245	17,922	0	40	20,779	13,091	5,839	0
E	58	905-Miscellaneous CA	CUSTCAM	5,916	0	0	5,916	0	0	0	0	0	0
E	59	TOTAL CUSTOMER ACCTS EXPENSE		127,033	20,819	245	105,970	0	40	20,779	13,091	5,839	0
E	60												
E	61												
E	62	CUSTOMER SERVICE EXPENSES											
E	63	907-Supervision	SALWAGCS	0	0	0	0	0	0	0	0	0	0
E	64	908-Customer Assistance	CUSTASST	10,255	0	0	10,255	0	0	0	0	0	0
E	65	909-Informational Advertisement	CUSTADVT	1,351	0	0	1,351	0	0	0	0	0	0
E	66	910-Miscellaneous CS	CUSTCSM	134	0	0	134	0	0	0	0	0	0
E	67	TOTAL CUSTOMER SERVICE EXPENSE		11,740	0	0	11,740	0	0	0	0	0	0
E	68												
E	69	SALES EXPENSES TOTAL (ACCT 912 & 916)	CUSTSALES	1,740	0	0	1,740	0	0	0	0	0	0
E	70												
E	71	TOTAL OPER & MAINT EXCL A&G		1,371,323	451,806	690,172	229,345	0	161,232	290,575	196,008	83,319	0
E	72												
E	73	ADMINISTRATIVE & GENERAL EXPENSE											
E	74	920-Administrative Salaries	SALWAGES	43,926	20,664	0	23,262	0	0	20,664	14,845	5,330	0
E	75	921-Office Supplies & Expense	SALWAGES	7,005	3,295	0	3,710	0	0	3,295	2,367	850	0
E	76	923-Outside Service Employed	SALWAGES	66,461	31,265	0	35,196	0	0	31,265	22,461	8,064	0
E	77	924-Property Insurance	DGPLT	499	359	0	140	0	0	359	243	71	0
E	78	925-Injuries and Damages	SALWAGES	9,963	4,687	0	5,276	0	0	4,687	3,367	1,209	0
E	79	926-Employee Pensions & Benefits	SALWAGES	32,503	15,290	0	17,213	0	0	15,290	10,985	3,944	0
E	80	928-Regulatory Commission	CLAIMREV	8,376	3,865	2,466	2,046	0	576	3,288	2,225	787	0
E	81	929-Duplicate Charges-Credit	CLAIMREV	(675)	(311)	(199)	(165)	(0)	(46)	(265)	(179)	(63)	(0)
E	82	930.2-Miscellaneous General											
E	83	R/RH	SREVRRH	1,586	796	10	780	0	2	794	484	236	0
E	84	GS	SREVGS	300	228	2	69	0	0	228	139	67	0
E	85	GS/PD/HT	SREVGSPDHT	192	159	2	31	0	0	159	123	27	0
E	86	HT/PD	SREVPDHT	333	309	4	20	0	1	308	304	4	0
E	87	All Other	CLAIMREV	7,726	3,565	2,274	1,887	0	531	3,033	2,052	726	0
E	88	Total 930.2-Miscellaneous General		10,137	5,057	2,292	2,788	0	534	4,523	3,102	1,060	0

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
E	40	TOTAL DISTRIBUTION PLANT O&M EXPENSES		9,399	0	0	84,096	4,742	9,095	0	0	11,963
E	41	TOTAL PURCHASED POWER O&M EXPENSES		0	689,927	0	0	0	0	0	0	0
E	42	TOTAL TRANSMISSION O&M EXPENSES		0	0	0	0	0	0	0	0	0
E	43											
E	44	TOTAL OPER & MAINT EXP (PROD,TRAN,& DIST)		9,399	689,927	0	84,096	4,742	9,095	0	0	11,963
E	45											
E	46											
E	47											
E	48											
E	49											
E	50											
E	51	**OPERATION & MAINTENANCE EXPENSE CONTINUED**										
E	52											
E	53	CUSTOMER ACCOUNTS EXPENSES										
E	54	901-Supervision	SALWAGCA	0	0	0	0	0	0	0	0	0
E	55	902-Meter Reading	CMETERS	0	0	0	0	0	338	0	0	0
E	56	903-Customer Records and Collection Expense	CUSTREC	0	0	0	0	0	0	81,794	0	0
E	57	904-Uncollectible Accounts	EXP_904	1,849	245	0	7,312	797	2,108	6,291	689	725
E	58	905-Miscellaneous CA	CUSTCAM	0	0	0	0	0	0	5,916	0	0
E	59	TOTAL CUSTOMER ACCTS EXPENSE		1,849	245	0	7,312	797	2,447	94,001	689	725
E	60											
E	61											
E	62	CUSTOMER SERVICE EXPENSES										
E	63	907-Supervision	SALWAGCS	0	0	0	0	0	0	0	0	0
E	64	908-Customer Assistance	CUSTASST	0	0	0	0	0	0	0	10,255	0
E	65	909-Informational Advertisement	CUSTADVT	0	0	0	0	0	0	0	1,351	0
E	66	910-Miscellaneous CS	CUSTCSM	0	0	0	0	0	0	0	134	0
E	67	TOTAL CUSTOMER SERVICE EXPENSE		0	0	0	0	0	0	0	11,740	0
E	68											
E	69	SALES EXPENSES TOTAL (ACCT 912 & 916)	CUSTSALES	0	0	0	0	0	0	0	1,740	0
E	70											
E	71	TOTAL OPER & MAINT EXCL A&G		11,248	690,172	0	91,408	5,538	11,542	94,001	14,169	12,688
E	72											
E	73	ADMINISTRATIVE & GENERAL EXPENSE										
E	74	920-Administrative Salaries	SALWAGES	489	0	0	5,945	222	937	13,456	843	1,858
E	75	921-Office Supplies & Expense	SALWAGES	78	0	0	948	35	149	2,146	134	296
E	76	923-Outside Service Employed	SALWAGES	740	0	0	8,995	336	1,418	20,360	1,276	2,811
E	77	924-Property Insurance	DGPLT	44	0	0	82	27	21	5	0	5
E	78	925-Injuries and Damages	SALWAGES	111	0	0	1,348	50	213	3,052	191	421
E	79	926-Employee Pensions & Benefits	SALWAGES	362	0	0	4,399	164	694	9,957	624	1,375
E	80	928-Regulatory Commission	CLAIMREV	277	2,466	0	885	126	240	640	69	86
E	81	929-Duplicate Charges-Credit	CLAIMREV	(22)	(199)	(0)	(71)	(10)	(19)	(52)	(6)	(7)
E	82	930.2-Miscellaneous General										
E	83	R/RH	SREVRRH	74	10	0	321	31	90	276	30	33
E	84	GS	SREVGS	22	2	0	26	13	12	18	2	0
E	85	GS/PD/HT	SREVGSPDHT	9	2	0	10	5	6	10	1	(0)
E	86	HT/PD	SREVPDHT	0	4	0	0	0	6	12	3	(1)
E	87	All Other	CLAIMREV	255	2,274	0	816	116	222	590	64	79
E	88	Total 930.2-Miscellaneous General		361	2,292	0	1,173	165	335	905	99	111

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
E	89	935-Maintenance of General Plant	GENLPLT	6,529	3,071	0	3,458	0	0	3,071	2,206	792	0
E	90	TOTAL A&G EXPENSE		184,723	87,241	4,559	92,923	0	1,064	86,177	61,622	22,043	0
E	91												
E	92	**TOTAL DISTIBUTION OPERATION & MAINTENANCE EXPENSES**		704,927	377,856	4,803	322,268	0	1,104	376,752	257,630	105,362	0
E	93												
E	94	**TOTAL OPERATION & MAINTENANCE EXPENSES**		1,556,046	539,047	694,730	322,268	0	162,296	376,752	257,630	105,362	0
E	95												
E	96												
E	97												
E	98												
E	99												
E	100												
D	1	**DEPRECIATION / AMORTIZATION EXPENSE**											
D	2												
D	3	INTANGIBLE PLANT EXPENSE	INTPLT	46,293	21,256	0	25,037	0	0	21,256	14,382	4,198	0
D	4												
D	5	TRANSMISSION PLANT EXPENSE	TRANPLT	0	0	0	0	0	0	0	0	0	0
D	6												
D	7	DISTRIBUTION PLANT EXPENSE											
D	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0	0	0
D	9	361-Structures & Improvements	PLT_361	4,803	4,803	0	0	0	0	4,803	4,803	0	0
D	10	362-Station Equipment	PLT_362	21,476	21,476	0	0	0	0	21,476	21,476	0	0
D	11	364-Poles,Towers & Fixtures	PLT_364	24,299	17,538	0	6,761	0	0	17,538	10,989	6,549	0
D	12	365-Overhead Conductors & Devices	PLT_365	43,461	31,367	0	12,093	0	0	31,367	19,655	11,712	0
D	13	366-Underground Conduit	PLT_366	10,513	7,970	0	2,543	0	0	7,970	6,163	1,807	0
D	14	367-Underground Conductors & Devices	PLT_367	34,519	26,169	0	8,350	0	0	26,169	20,237	5,932	0
D	15	368-Line Transformers	PLT_368	17,743	17,743	0	0	0	0	17,743	0	0	0
D	16	369-Services	PLT_369	8,597	0	0	8,597	0	0	0	0	0	0
D	17	370-Meters	PLT_370	20,619	0	0	20,619	0	0	0	0	0	0
D	18	371-Installation on Customer Premises	PLT_371	5	0	0	5	0	0	0	0	0	0
D	19	373-Street Lighting & Signal Systems	PLT_373	1,878	0	0	1,878	0	0	0	0	0	0
D	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	0	0	0	0	0	0	0	0	0	0
D	21	TOTAL DISTRIBUTION PLANT EXPENSE		187,912	127,066	0	60,846	0	0	127,066	83,323	26,000	0
D	22												
D	23	GENERAL PLANT EXPENSE	GENLPLT	19,927	9,374	0	10,553	0	0	9,374	6,734	2,418	0
D	24												
D	25	COMMON PLANT DEPRECIATION AND AMORTIZAT	SALWAGES	18,707	8,800	0	9,907	0	0	8,800	6,322	2,270	0
D	26												
D	27												
D	28	**TOTAL DEPRECIATION / AMORTIZATION EXPENSE**		272,838	166,496	0	106,342	0	0	166,496	110,761	34,885	0
D	29												
D	30												
D	31												
D	32												
D	33												
D	34												
D	35												
D	36												
D	37												

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
E	89	935-Maintenance of General Plant	GENLPLT	73	0	0	884	33	139	2,000	125	276
E	90	TOTAL A&G EXPENSE		2,512	4,559	0	24,588	1,149	4,127	52,469	3,358	7,233
E	91											
E	92	**TOTAL DISTIBUTION OPERATION & MAINTENANCE EXPENSES**		13,760	4,803	0	115,995	6,687	15,669	146,470	17,527	19,920
E	93											
E	94	**TOTAL OPERATION & MAINTENANCE EXPENSES**		13,760	694,730	0	115,995	6,687	15,669	146,470	17,527	19,920
E	95											
E	96											
E	97											
E	98											
E	99											
E	100											
D	1	**DEPRECIATION / AMORTIZATION EXPENSE**										
D	2											
D	3	INTANGIBLE PLANT EXPENSE	INTPLT	2,677	0	0	4,836	1,607	18,325	0	0	269
D	4											
D	5	TRANSMISSION PLANT EXPENSE	TRANPLT	0	0	0	0	0	0	0	0	0
D	6											
D	7	DISTRIBUTION PLANT EXPENSE										
D	8	360-Land & Land Rights	PLT_360	0	0	0	0	0	0	0	0	0
D	9	361-Structures & Improvements	PLT_361	0	0	0	0	0	0	0	0	0
D	10	362-Station Equipment	PLT_362	0	0	0	0	0	0	0	0	0
D	11	364-Poles,Towers & Fixtures	PLT_364	0	0	0	6,761	0	0	0	0	0
D	12	365-Overhead Conductors & Devices	PLT_365	0	0	0	12,093	0	0	0	0	0
D	13	366-Underground Conduit	PLT_366	0	0	0	2,543	0	0	0	0	0
D	14	367-Underground Conductors & Devices	PLT_367	0	0	0	8,350	0	0	0	0	0
D	15	368-Line Transformers	PLT_368	17,743	0	0	0	0	0	0	0	0
D	16	369-Services	PLT_369	0	0	0	0	8,597	0	0	0	0
D	17	370-Meters	PLT_370	0	0	0	0	0	20,619	0	0	0
D	18	371-Installation on Customer Premises	PLT_371	0	0	0	0	0	0	0	0	5
D	19	373-Street Lighting & Signal Systems	PLT_373	0	0	0	0	0	0	0	0	1,878
D	20	374-Asset Retirement Costs for Distribution Plant	DISTPLTXAR	0	0	0	0	0	0	0	0	0
D	21	TOTAL DISTRIBUTION PLANT EXPENSE		17,743	0	0	29,747	8,597	20,619	0	0	1,882
D	22											
D	23	GENERAL PLANT EXPENSE	GENLPLT	222	0	0	2,697	101	425	6,104	383	843
D	24											
D	25	COMMON PLANT DEPRECIATION AND AMORTIZA	SALWAGES	208	0	0	2,532	95	399	5,731	359	791
D	26											
D	27											
D	28	**TOTAL DEPRECIATION / AMORTIZATION EXPENSE**		20,850	0	0	39,811	10,399	39,769	11,835	742	3,786
D	29											
D	30											
D	31											
D	32											
D	33											
D	34											
D	35											
D	36											
D	37											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
D	38												
D	39												
D	40												
D	41												
D	42												
D	43												
D	44												
D	45												
D	46												
D	47												
D	48												
D	49												
D	50												
TO	1	**OTHER OPERATING EXPENSES**											
TO	2												
TO	3	**TAXES OTHER THAN INCOME TAXES**											
TO	4	**General Taxes**											
TO	5	PURTA Taxes	PLT_3601	6,273	6,273	0	0	0	0	6,273	6,273	0	0
TO	6	Capital Stock	CAPSTOCK	0	0	0	0	0	0	0	0	0	0
TO	7	Payroll Related	SALWAGES	13,342	6,276	0	7,066	0	0	6,276	4,509	1,619	0
TO	8	PA & Local Use Tax	CLAIMREV	460	212	135	112	0	32	181	122	43	0
TO	9	PA Property Tax	TOTPLT	5,200	3,708	0	1,492	0	0	3,708	2,512	737	0
TO	10	PA Corporate LoanTax	TOTPLT	0	0	0	0	0	0	0	0	0	0
TO	11	Total General Taxes		25,274	16,469	135	8,670	0	32	16,437	13,416	2,399	0
TO	12												
TO	13												
TO	14	**Gross Receipt Tax**											
TO	15												
TO	16	Purchased Power											
TO	17	Retail Revenue	SCH RBC, LN 57	741,120	0	741,120	0	0	0	0	0	0	0
TO	18	Forfeited Discounts		0	0	0	0	0	0	0	0	0	0
TO	19	Less: Bad Debt		0	0	0	0	0	0	0	0	0	0
TO	20	Total Purchased Power Revenue	CALCULATED	741,120	0	741,120	0	0	0	0	0	0	0
TO	21	Total Purchased Power @ GRT Rate 5.90%	CALCULATED	43,726	0	43,726	0	0	0	0	0	0	0
TO	22												
TO	23	Transmission											
TO	24	Retail Revenue	SCH RBC, LN 56	172,082	172,082	0	0	0	172,082	0	0	0	0
TO	25	Forfeited Discounts		0	0	0	0	0	0	0	0	0	0
TO	26	Less: Bad Debt		0	0	0	0	0	0	0	0	0	0
TO	27	Total Transmission Revenue	CALCULATED	172,082	172,082	0	0	0	172,082	0	0	0	0
TO	28	Total Transmission @ GRT Rate 5.90%	CALCULATED	10,153	10,153	0	0	0	10,153	0	0	0	0
TO	29												
TO	30	Distribution											
TO	31	Retail Revenue		1,372,001	820,554	9,324	542,123	0	1,565	818,989	559,227	197,128	0
TO	32	Forfeited Discounts	SCH RBC, LN 62	12,795	6,833	80	5,882	0	13	6,820	4,296	1,916	0
TO	33	Less: Bad Debt	SCH E, LN 57	38,985	20,819	245	17,922	0	40	20,779	13,091	5,839	0
TO	34	Total Distribution Revenue	CALCULATED	1,345,810	806,568	9,159	530,083	0	1,538	805,030	550,433	193,205	0
TO	35	Total Distribution @ GRT Rate 5.90%	CALCULATED	79,403	47,587	540	31,275	0	91	47,497	32,476	11,399	0
TO	36												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
D	38											
D	39											
D	40											
D	41											
D	42											
D	43											
D	44											
D	45											
D	46											
D	47											
D	48											
D	49											
D	50											
TO	1	**OTHER OPERATING EXPENSES**										
TO	2											
TO	3	**TAXES OTHER THAN INCOME TAXES**										
TO	4	**General Taxes**										
TO	5	PURTA Taxes	PLT_3601	0	0	0	0	0	0	0	0	0
TO	6	Capital Stock	CAPSTOCK	0	0	0	0	0	0	0	0	0
TO	7	Payroll Related	SALWAGES	149	0	0	1,806	68	285	4,087	256	564
TO	8	PA & Local Use Tax	CLAIMREV	15	135	0	49	7	13	35	4	5
TO	9	PA Property Tax	TOTPLT	459	0	0	848	275	263	50	3	53
TO	10	PA Corporate LoanTax	TOTPLT	0	0	0	0	0	0	0	0	0
TO	11	Total General Taxes		623	135	0	2,702	350	561	4,172	263	622
TO	12											
TO	13											
TO	14	**Gross Receipt Tax**										
TO	15											
TO	16	Purchased Power										
TO	17	Retail Revenue	SCH RBC, LN 57	0	741,120	0	0	0	0	0	0	0
TO	18	Forfeited Discounts		0	0	0	0	0	0	0	0	0
TO	19	Less: Bad Debt		0	0	0	0	0	0	0	0	0
TO	20	Total Purchased Power Revenue	CALCULATED	0	741,120	0	0	0	0	0	0	0
TO	21	Total Purchased Power @ GRT Rate 5.90%	CALCULATED	0	43,726	0	0	0	0	0	0	0
TO	22											
TO	23	Transmission										
TO	24	Retail Revenue	SCH RBC, LN 56	0	0	0	0	0	0	0	0	0
TO	25	Forfeited Discounts		0	0	0	0	0	0	0	0	0
TO	26	Less: Bad Debt		0	0	0	0	0	0	0	0	0
TO	27	Total Transmission Revenue	CALCULATED	0	0	0	0	0	0	0	0	0
TO	28	Total Transmission @ GRT Rate 5.90%	CALCULATED	0	0	0	0	0	0	0	0	0
TO	29											
TO	30	Distribution										
TO	31	Retail Revenue		62,634	9,324	0	217,782	28,670	65,185	183,487	20,283	26,716
TO	32	Forfeited Discounts	SCH RBC, LN 62	607	80	0	2,400	261	692	2,065	226	238
TO	33	Less: Bad Debt	SCH E, LN 57	1,849	245	0	7,312	797	2,108	6,291	689	725
TO	34	Total Distribution Revenue	CALCULATED	61,392	9,159	0	212,870	28,135	63,768	179,261	19,821	26,229
TO	35	Total Distribution @ GRT Rate 5.90%	CALCULATED	3,622	540	0	12,559	1,660	3,762	10,576	1,169	1,547
TO	36											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
TO	37	Total Gross Receipts Tax		133,282	57,740	44,266	31,275	0	10,244	47,497	32,476	11,399	0
TO	38												
TO	39	TOTAL PURCHASED POWER TOIT EXPENSES		43,726	0	43,726	0	0	0	0	0	0	0
TO	40	TOTAL TRANSMISSION TOIT EXPENSES		10,153	10,153	0	0	0	10,153	0	0	0	0
TO	41	TOTAL DISTRIBUTION TOIT EXPENSES		104,677	64,056	676	39,945	0	122	63,934	45,891	13,798	0
TO	42												
TO	43	**TOTAL TAXES OTHER THAN INCOME**		158,556	74,209	44,402	39,945	0	10,275	63,934	45,891	13,798	0
TO	44												
TO	45												
TO	46												
TO	47												
TO	48												
TO	49												
TO	50												
TI	1	**DEVELOPMENT OF DISTRIBUTION INCOME TAXES**											
TI	2												
TI	3	TOTAL DISTRIBUTION OPERATING REVENUES		1,420,478	856,055	5,544	558,878	0	1,578	854,477	582,227	207,146	0
TI	4	LESS:											
TI	5	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 92	704,927	377,856	4,803	322,268	0	1,104	376,752	257,630	105,362	0
TI	6	DEPRECIATION AND AMORTIZATION EXPENSE	SCH D, LN 28	272,838	166,496	0	106,342	0	0	166,496	110,761	34,885	0
TI	7	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 41	104,677	64,056	676	39,945	0	122	63,934	45,891	13,798	0
TI	8	NET OPERATING INCOME BEFORE TAXES		338,035	247,647	65	90,324	0	351	247,295	167,945	53,100	0
TI	9	LESS:											
TI	10	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		116,238	83,397	18	32,822	0	99	83,297	55,589	18,295	0
TI	11												
TI	12	**BASE TAXABLE DISTRIBUTION INCOME**		221,798	164,250	47	57,501	0	252	163,998	112,356	34,806	0
TI	13												
TI	14												
TI	15	**CALCULATION OF PA STATE INCOME TAXES**											
TI	16	BASE TAXABLE INCOME	SCH TI, LN 12	221,798	164,250	47	57,501	0	252	163,998	112,356	34,806	0
TI	17	LESS:											
TI	18	State Tax Depreciation (Over) Under Book	TOTPLT	313	223	0	90	0	0	223	151	44	0
TI	19	Other Adjustment	TOTPLT	74,287	52,973	0	21,314	0	0	52,973	35,885	10,527	0
TI	20	Repair Allowance Deduction	TOTPLT	128,000	91,275	0	36,725	0	0	91,275	61,833	18,139	0
TI	21	PA STATE TAXABLE DISTRIBUTION INCOME		19,198	19,779	47	(628)	0	252	19,528	14,487	6,095	0
TI	22	NOL Utilization	TOTPLT	(10,711)	(7,638)	0	(3,073)	0	0	(7,638)	(5,174)	(1,518)	0
TI	23	**PA STATE INCOME TAXES @ Tax Rate 9.99%**		848	1,213	5	(370)	0	25	1,188	930	457	0
TI	24	**PLUS:**											
TI	25	**DEFERRED STATE INCOME TAXES**											
TI	26	State Deferred Taxes	TOTPLT	53,123	37,881	0	15,242	0	0	37,881	25,662	7,528	0
TI	27	**DEFERRED STATE INCOME TAXES @ Tax Rate 9.99%**		5,307	3,784	0	1,523	0	0	3,784	2,564	752	0
TI	28	**TOTAL DISTRIBUTION STATE INCOME TAX EXPENSE**		6,155	4,997	5	1,153	0	25	4,972	3,494	1,209	0
TI	29												
TI	30	**CALCULATION OF FEDERAL INCOME TAXES**											
TI	31	BASE TAXABLE INCOME	SCH TI, LN 12	221,798	164,250	47	57,501	0	252	163,998	112,356	34,806	0
TI	32	LESS:											
TI	33	PA State Income Taxes		848	1,213	5	(370)	0	25	1,188	930	457	0
TI	34	Federal Tax Depreciation (Over) Under Book	TOTPLT	(24,840)	(17,713)	0	(7,127)	0	0	(17,713)	(12,000)	(3,520)	0
TI	35	Other Adjustment	TOTPLT	74,287	52,973	0	21,314	0	0	52,973	35,885	10,527	0

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
TO	37	Total Gross Receipts Tax		3,622	44,266	0	12,559	1,660	3,762	10,576	1,169	1,547
TO	38											
TO	39	TOTAL PURCHASED POWER TOIT EXPENSES		0	43,726	0	0	0	0	0	0	0
TO	40	TOTAL TRANSMISSION TOIT EXPENSES		0	0	0	0	0	0	0	0	0
TO	41	TOTAL DISTRIBUTION TOIT EXPENSES		4,245	676	0	15,262	2,010	4,323	14,748	1,433	2,169
TO	42											
TO	43	**TOTAL TAXES OTHER THAN INCOME**		4,245	44,402	0	15,262	2,010	4,323	14,748	1,433	2,169
TO	44											
TO	45											
TO	46											
TO	47											
TO	48											
TO	49											
TO	50											
TI	1	**DEVELOPMENT OF DISTRIBUTION INCOME TAXES**										
TI	2											
TI	3	TOTAL DISTRIBUTION OPERATING REVENUES		65,104	5,544	0	228,896	30,050	66,730	185,552	20,510	27,141
TI	4	LESS:										
TI	5	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 92	13,760	4,803	0	115,995	6,687	15,669	146,470	17,527	19,920
TI	6	DEPRECIATION AND AMORTIZATION EXPENSE	SCH D, LN 28	20,850	0	0	39,811	10,399	39,769	11,835	742	3,786
TI	7	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 41	4,245	676	0	15,262	2,010	4,323	14,748	1,433	2,169
TI	8	NET OPERATING INCOME BEFORE TAXES		26,250	65	0	57,827	10,954	6,969	12,499	808	1,266
TI	9	LESS:										
TI	10	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		9,414	18	0	20,916	4,205	3,138	4,071	270	223
TI	11											
TI	12	**BASE TAXABLE DISTRIBUTION INCOME**		16,836	47	0	36,911	6,750	3,830	8,428	539	1,042
TI	13											
TI	14											
TI	15	**CALCULATION OF PA STATE INCOME TAXES**										
TI	16	BASE TAXABLE INCOME	SCH TI, LN 12	16,836	47	0	36,911	6,750	3,830	8,428	539	1,042
TI	17	LESS:										
TI	18	State Tax Depreciation (Over) Under Book	TOTPLT	28	0	0	51	17	16	3	0	3
TI	19	Other Adjustment	TOTPLT	6,560	0	0	12,116	3,934	3,757	708	44	755
TI	20	Repair Allowance Deduction	TOTPLT	11,303	0	0	20,876	6,779	6,474	1,219	76	1,301
TI	21	PA STATE TAXABLE DISTRIBUTION INCOME		(1,054)	47	0	3,868	(3,979)	(6,416)	6,499	418	(1,017)
TI	22	NOL Utilization	TOTPLT	(946)	0	0	(1,747)	(567)	(542)	(102)	(6)	(109)
TI	23	**PA STATE INCOME TAXES @ Tax Rate 9.99%**		(200)	5	0	212	(454)	(695)	639	41	(112)
TI	24	**PLUS:**										
TI	25	**DEFERRED STATE INCOME TAXES**										
TI	26	State Deferred Taxes	TOTPLT	4,691	0	0	8,664	2,813	2,687	506	32	540
TI	27	**DEFERRED STATE INCOME TAXES @ Tax Rate 9.99%**		469	0	0	866	281	268	51	3	54
TI	28	**TOTAL DISTRIBUTION STATE INCOME TAX EXPENSE**		269	5	0	1,077	(173)	(427)	690	44	(59)
TI	29											
TI	30	**CALCULATION OF FEDERAL INCOME TAXES**										
TI	31	BASE TAXABLE INCOME	SCH TI, LN 12	16,836	47	0	36,911	6,750	3,830	8,428	539	1,042
TI	32	LESS:										
TI	33	PA State Income Taxes		(200)	5	0	212	(454)	(695)	639	41	(112)
TI	34	Federal Tax Depreciation (Over) Under Book	TOTPLT	(2,194)	0	0	(4,051)	(1,315)	(1,256)	(237)	(15)	(252)
TI	35	Other Adjustment	TOTPLT	6,560	0	0	12,116	3,934	3,757	708	44	755

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
TI	36	Repair Allowance Deduction	TOTPLT	128,000	91,275	0	36,725	0	0	91,275	61,833	18,139	0
TI	37	FEDERAL TAXALBE DISTRIBUTION INCOME		43,504	36,503	42	6,959	0	227	36,276	25,707	9,202	0
TI	38	**FEDERAL INCOME TAXES @ Tax Rate 21.00%**		9,136	7,666	9	1,461	0	48	7,618	5,399	1,932	0
TI	39	**PLUS:**											
TI	40	**DEFERRED FEDERAL INCOME TAXES**											
TI	41	Federal Deferred Taxes	TOTPLT	9,550	6,810	0	2,740	0	0	6,810	4,613	1,353	0
TI	42	**DEFERRED FEDERAL INCOME TAXES @ Tax Rate 21.00%**		2,005	1,430	0	575	0	0	1,430	969	284	0
TI	43	**LESS:**											
TI	44	**OTHER TAX ADJUSTMENTS**											
TI	45	Electric Plant	TOTPLT	0	0	0	0	0	0	0	0	0	0
TI	46	Common Plant	SALWAGES	0	0	0	0	0	0	0	0	0	0
TI	47	Consolidated Income Tax Adjustment	EBT	20	15	0	5	0	0	15	10	3	0
TI	48	**TOTAL DISTRIBUTION FEDERAL INCOME TAX EXPENSE**		11,121	9,081	9	2,032	0	48	9,033	6,357	2,214	0
TI	49	**TOTAL DISTRIBUTION INCOME TAX EXPENSE**		17,276	14,078	14	3,185	0	73	14,005	9,851	3,423	0
TI	50												
TI	51	**DEVELOPMENT OF INCOME TAXES CONTINUED**											
TI	52												
TI	53	**DEVELOPMENT OF PURCHASED POWER TAXES**											
TI	54	PURCHASED POWER OPERATING REVENUES	SCH RBC, LN 57	741,120	0	741,120	0	0	0	0	0	0	0
TI	55	LESS:											
TI	56	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 41	689,927	0	689,927	0	0	0	0	0	0	0
TI	57	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 39	43,726	0	43,726	0	0	0	0	0	0	0
TI	58	NET OPERATING INCOME BEFORE TAXES		7,467	0	7,467	0	0	0	0	0	0	0
TI	59	LESS:											
TI	60	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		445	0	445	0	0	0	0	0	0	0
TI	61	**BASE TAXABLE PURCHASED POWER INCOME**		7,022	0	7,022	0	0	0	0	0	0	0
TI	62	LESS:											
TI	63	**PA STATE PURCHASED PWR INCOME TAXES @ Tax Rate 9.99%**		702	0	702	0	0	0	0	0	0	0
TI	64	EQUALS:											
TI	65	**FEDERAL PURCHASED PWR INCOME TAXES @ Tax Rate 21.00%**		1,327	0	1,327	0	0	0	0	0	0	0
TI	66	Additional Purchase Power Expense NOL		0	0	0	0	0	0	0	0	0	0
TI	67												
TI	68	**DEVELOPMENT OF TRANSMISSION TAXES**											
TI	69	TRANSMISSION OPERATING REVENUES	SCH RBC, LN 56	172,082	172,082	0	0	0	172,082	0	0	0	0
TI	70	LESS:											
TI	71	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 42	161,192	161,192	0	0	0	161,192	0	0	0	0
TI	72	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 40	10,153	10,153	0	0	0	10,153	0	0	0	0
TI	73	NET OPERATING INCOME BEFORE TAXES		738	738	0	0	0	738	0	0	0	0
TI	74	LESS:											
TI	75	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		180	180	0	0	0	180	0	0	0	0
TI	76	**BASE TAXABLE TRANSMISSION INCOME**		558	558	0	0	0	558	0	0	0	0
TI	77	LESS:											
TI	78	**PA STATE TRANSMISSION INCOME TAXES @ Tax Rate 9.99%**		56	56	0	0	0	56	0	0	0	0
TI	79	EQUALS:											
TI	80	**FEDERAL TRANSMISSION INCOME TAXES @ Tax Rate 21.00%**		105	105	0	0	0	105	0	0	0	0
TI	81												
TI	82	**TOTAL PA INCOME TAX EXPENSE**		6,912	5,053	706	1,153	0	81	4,972	3,494	1,209	0
TI	83	**TOTAL FEDERAL INCOME TAX EXPENSE**		12,554	9,186	1,336	2,032	0	153	9,033	6,357	2,214	0
TI	84	**TOTAL INCOME TAX EXPENSE**		19,466	14,239	2,042	3,185	0	234	14,005	9,851	3,423	0

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
TI	36	Repair Allowance Deduction	TOTPLT	11,303	0	0	20,876	6,779	6,474	1,219	76	1,301
TI	37	FEDERAL TAXALBE DISTRIBUTION INCOME		1,367	42	0	7,759	(2,193)	(4,449)	6,099	392	(649)
TI	38	**FEDERAL INCOME TAXES @ Tax Rate 21.00%**		287	9	0	1,629	(461)	(934)	1,281	82	(136)
TI	39	**PLUS:**										
TI	40	**DEFERRED FEDERAL INCOME TAXES**										
TI	41	Federal Deferred Taxes	TOTPLT	843	0	0	1,558	506	483	91	6	97
TI	42	**DEFERRED FEDERAL INCOME TAXES @ Tax Rate 21.00%**		177	0	0	327	106	101	19	1	20
TI	43	**LESS:**										
TI	44	**OTHER TAX ADJUSTMENTS**										
TI	45	Electric Plant	TOTPLT	0	0	0	0	0	0	0	0	0
TI	46	Common Plant	SALWAGES	0	0	0	0	0	0	0	0	0
TI	47	Consolidated Income Tax Adjustment	EBT	2	0	0	3	1	0	1	0	0
TI	48	**TOTAL DISTRIBUTION FEDERAL INCOME TAX EXPENSE**		463	9	0	1,953	(355)	(833)	1,299	83	(116)
TI	49	**TOTAL DISTRIBUTION INCOME TAX EXPENSE**		731	14	0	3,031	(528)	(1,260)	1,989	128	(174)
TI	50											
TI	51	**DEVELOPMENT OF INCOME TAXES CONTINUED**										
TI	52											
TI	53	**DEVELOPMENT OF PURCHASED POWER TAXES**										
TI	54	PURCHASED POWER OPERATING REVENUES	SCH RBC, LN 57	0	741,120	0	0	0	0	0	0	0
TI	55	LESS:										
TI	56	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 41	0	689,927	0	0	0	0	0	0	0
TI	57	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 39	0	43,726	0	0	0	0	0	0	0
TI	58	NET OPERATING INCOME BEFORE TAXES		0	7,467	0	0	0	0	0	0	0
TI	59	LESS:										
TI	60	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		0	445	0	0	0	0	0	0	0
TI	61	**BASE TAXABLE PURCHASED POWER INCOME**		0	7,022	0	0	0	0	0	0	0
TI	62	LESS:										
TI	63	**PA STATE PURCHASED PWR INCOME TAXES @ Tax Rate 9.99%**		0	702	0	0	0	0	0	0	0
TI	64	EQUALS:										
TI	65	**FEDERAL PURCHASED PWR INCOME TAXES @ Tax Rate 21.00%**		0	1,327	0	0	0	0	0	0	0
TI	66	Additional Purchase Power Expense NOL		0	0	0	0	0	0	0	0	0
TI	67											
TI	68	**DEVELOPMENT OF TRANSMISSION TAXES**										
TI	69	TRANSMISSION OPERATING REVENUES	SCH RBC, LN 56	0	0	0	0	0	0	0	0	0
TI	70	LESS:										
TI	71	OPERATION & MAINTAINENCE EXPENSE	SCH E, LN 42	0	0	0	0	0	0	0	0	0
TI	72	TAXES OTHER THAN INCOME TAXES	SCH TO, LN 40	0	0	0	0	0	0	0	0	0
TI	73	NET OPERATING INCOME BEFORE TAXES		0	0	0	0	0	0	0	0	0
TI	74	LESS:										
TI	75	INTEREST EXPENSE (Rate Base * 1.83% Weighted Cost of Debt)		0	0	0	0	0	0	0	0	0
TI	76	**BASE TAXABLE TRANSMISSION INCOME**		0	0	0	0	0	0	0	0	0
TI	77	LESS:										
TI	78	**PA STATE TRANSMISSION INCOME TAXES @ Tax Rate 9.99%**		0	0	0	0	0	0	0	0	0
TI	79	EQUALS:										
TI	80	**FEDERAL TRANSMISSION INCOME TAXES @ Tax Rate 21.00%**		0	0	0	0	0	0	0	0	0
TI	81											
TI	82	**TOTAL PA INCOME TAX EXPENSE**		269	706	0	1,077	(173)	(427)	690	44	(59)
TI	83	**TOTAL FEDERAL INCOME TAX EXPENSE**		463	1,336	0	1,953	(355)	(833)	1,299	83	(116)
TI	84	**TOTAL INCOME TAX EXPENSE**		731	2,042	0	3,031	(528)	(1,260)	1,989	128	(174)

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
TI	85												
TI	86												
TI	87												
TI	88												
TI	89	**TAX RATES**											
TI	90	GROSS RECEIPTS TAX RATE	5.90%										
TI	91	STATE TAX RATE	9.99%										
TI	92	UNCOLLECTIBLE EXPENSES	0.00562										
TI	93	FEDERAL TAX RATE - CURRENT	21.00%										
TI	94	PUC / OCA & SBA ASSESSMENT RATE	0.0035										
TI	95	EFFECTIVE TAX RATE	28.8921%										
TI	96	LPC RATE	0.003755										
TI	97	GROSS REVENUE CONVERSION FACTOR	1.502995										
TI	98	**WEIGHTED COST OF DEBT**	1.8300%										
TI	99												
TI	100												
SW	1	**DEVELOPMENT OF SALARIES & WAGES ALLOCATION FACTOR**											
SW	2												
SW	3	**PRODUCTION OTHER SALARIES & WAGES EXPENSE**											
SW	4	555-Purchased Power	OX_PROD	0	0	0	0	0	0	0	0	0	0
SW	5	TOTAL PRODUCTION OTHER SAL & WAG EXP		0	0	0	0	0	0	0	0	0	0
SW	6												
SW	7	**TRANSMISSION SALARIES & WAGES EXPENSE**											
SW	8	Operation	OX_TRAN	0	0	0	0	0	0	0	0	0	0
SW	9	Maintenance	MX_TRAN	0	0	0	0	0	0	0	0	0	0
SW	10	TOTAL TRANSMISSION		0	0	0	0	0	0	0	0	0	0
SW	11												
SW	12	**DISTRIBUTION SALARIES & WAGES EXPENSE**											
SW	13	Operation											
SW	14	583-Overhead Lines	OX_583	2,490	1,797	0	693	0	0	1,797	1,126	671	0
SW	15	584-Underground Lines	OX_584	2,472	1,874	0	598	0	0	1,874	1,449	425	0
SW	16	586-Metering	OX_586	2,221	0	0	2,221	0	0	0	0	0	0
SW	17	587-Customer Installations	OX_587	5,126	0	0	5,126	0	0	0	0	0	0
SW	18	588-Miscellaneous	OX_588	7,633	5,558	0	2,075	0	0	5,558	3,760	1,098	0
SW	19	Total Operation		19,942	9,229	0	10,713	0	0	9,229	6,336	2,194	0
SW	20	Maintenance											
SW	21	591-Structures	MX_591	1,171	1,171	0	0	0	0	1,171	1,171	0	0
SW	22	592-Station Equipment	MX_592	7,980	7,980	0	0	0	0	7,980	7,980	0	0
SW	23	593-Overhead Lines	MX_593	37,814	27,292	0	10,522	0	0	27,292	17,101	10,191	0
SW	24	594-Underground Lines	MX_594	14,267	10,816	0	3,451	0	0	10,816	8,364	2,452	0
SW	25	595-Transformers	MX_595	343	343	0	0	0	0	343	0	0	0
SW	26	596-Street Lighting	MX_596	141	0	0	141	0	0	0	0	0	0
SW	27	598-Miscellaneous	MX_598	4,050	2,949	0	1,101	0	0	2,949	1,995	582	0
SW	28	Total Maintenance		65,765	50,550	0	15,215	0	0	50,550	36,611	13,225	0
SW	29	TOTAL DISTRIBUTION		85,708	59,779	0	25,928	0	0	59,779	42,946	15,419	0
SW	30												
SW	31	**CUSTOMER ACCOUNTS SAL & WAGES EXP**											
SW	32	903-Customer Records and Collection Expense	CUSTREC	37,518	0	0	37,518	0	0	0	0	0	0
SW	33	905-Miscellaneous CA	CUSTCAM	1,411	0	0	1,411	0	0	0	0	0	0

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
TI	85											
TI	86											
TI	87											
TI	88											
TI	89	**TAX RATES**										
TI	90	GROSS RECEIPTS TAX RATE	5.90%									
TI	91	STATE TAX RATE	9.99%									
TI	92	UNCOLLECTIBLE EXPENSES	0.00562									
TI	93	FEDERAL TAX RATE - CURRENT	21.00%									
TI	94	PUC / OCA & SBA ASSESSMENT RATE	0.0035									
TI	95	EFFECTIVE TAX RATE	28.8921%									
TI	96	LPC RATE	0.003755									
TI	97	GROSS REVENUE CONVERSION FACTOR	1.502995									
TI	98	**WEIGHTED COST OF DEBT**	1.8300%									
TI	99											
TI	100											
SW	1	**DEVELOPMENT OF SALARIES & WAGES ALLOCATION FACTOR**										
SW	2											
SW	3	**PRODUCTION OTHER SALARIES & WAGES EXPENSE**										
SW	4	555-Purchased Power	OX_PROD	0	0	0	0	0	0	0	0	0
SW	5	TOTAL PRODUCTION OTHER SAL & WAG EXP		0	0	0	0	0	0	0	0	0
SW	6											
SW	7	**TRANSMISSION SALARIES & WAGES EXPENSE**										
SW	8	Operation	OX_TRAN	0	0	0	0	0	0	0	0	0
SW	9	Maintenance	MX_TRAN	0	0	0	0	0	0	0	0	0
SW	10	TOTAL TRANSMISSION		0	0	0	0	0	0	0	0	0
SW	11											
SW	12	**DISTRIBUTION SALARIES & WAGES EXPENSE**										
SW	13	Operation										
SW	14	583-Overhead Lines	OX_583	0	0	0	693	0	0	0	0	0
SW	15	584-Underground Lines	OX_584	0	0	0	598	0	0	0	0	0
SW	16	586-Metering	OX_586	0	0	0	0	0	2,221	0	0	0
SW	17	587-Customer Installations	OX_587	0	0	0	0	0	0	0	0	5,126
SW	18	588-Miscellaneous	OX_588	700	0	0	1,264	420	320	0	0	70
SW	19	Total Operation		700	0	0	2,555	420	2,542	0	0	5,196
SW	20	Maintenance										
SW	21	591-Structures	MX_591	0	0	0	0	0	0	0	0	0
SW	22	592-Station Equipment	MX_592	0	0	0	0	0	0	0	0	0
SW	23	593-Overhead Lines	MX_593	0	0	0	10,522	0	0	0	0	0
SW	24	594-Underground Lines	MX_594	0	0	0	3,451	0	0	0	0	0
SW	25	595-Transformers	MX_595	343	0	0	0	0	0	0	0	0
SW	26	596-Street Lighting	MX_596	0	0	0	0	0	0	0	0	141
SW	27	598-Miscellaneous	MX_598	371	0	0	671	223	170	0	0	37
SW	28	Total Maintenance		715	0	0	14,644	223	170	0	0	178
SW	29	TOTAL DISTRIBUTION		1,415	0	0	17,199	643	2,712	0	0	5,374
SW	30											
SW	31	**CUSTOMER ACCOUNTS SAL & WAGES EXP**										
SW	32	903-Customer Records and Collection Expense	CUSTREC	0	0	0	0	0	0	37,518	0	0
SW	33	905-Miscellaneous CA	CUSTCAM	0	0	0	0	0	0	1,411	0	0

PECO Energy Company
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For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
SW	34	**TOTAL CUSTOMER ACCOUNTS SAL & WAGES EXP**		38,928	0	0	38,928	0	0	0	0	0	0
SW	35												
SW	36	**CUSTOMER SERVICE SAL & WAGES EXP**											
SW	37	908-Customer Assistance	CUSTASST	1,764	0	0	1,764	0	0	0	0	0	0
SW	38	909-Advertisement	CUSTADVT	0	0	0	0	0	0	0	0	0	0
SW	39	910-Miscellaneous CS	CUSTCSM	(2)	0	0	(2)	0	0	0	0	0	0
SW	40	TOTAL CUSTOMER SERVICE SAL & WAGES EXP		1,763	0	0	1,763	0	0	0	0	0	0
SW	41												
SW	42	**SALES EXPENSE (ACCT 912&916)**	OX_CS	915	0	0	915	0	0	0	0	0	0
SW	43												
SW	44	**ADMINISTRATIVE & GENERAL SALARIES & WAGI**	SALWAGXAG	44,311	20,957	0	23,355	0	0	20,957	15,056	5,405	0
SW	45	**TOT OPER & MAINTENANCE LABOR**		171,625	80,736	0	90,889	0	0	80,736	58,002	20,824	0
SW	46												
SW	47												
SW	48												
SW	49												
SW	50												
AF	1	**ALLOCATION FACTOR TABLE**											
AF	2	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**											
AF	3												
AF	4	**DEMAND**											
AF	5	DEMAND - PRODUCTION RELATED											
AF	6	Demand Production	DPROD	0.0000									
AF	7												
AF	8												
AF	9												
AF	10												
AF	11	DEMAND - TRANSMISSION RELATED											
AF	12	Demand Transmission (1 Coincident Peak)	DTRAN	8,147,905									
AF	13												
AF	14	Demand Transmission (Revenue)	DTRANR	172,082									
AF	15												
AF	16												
AF	17												
AF	18												
AF	19												
AF	20	DEMAND - DISTRIBUTION RELATED (Non-Coincident Peak Demand)											
AF	21	Demand Distribution Primary High Tension	DDISPHT	9,161,816									
AF	22	Demand Distribution Primary Overhead Lines	DDISTPOL	6,745,320									
AF	23	Demand Distribution Primary Underground Lines	DDISTPUL	6,745,320									
AF	24												
AF	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	6,673,800									
AF	26	Demand Distribution Secondary Underground Lines	DDISTSUL	6,673,800									
AF	27	Demand Distribution Overhead Line Transformers	DDISTSOT	6,673,800									
AF	28	Demand Distribution Underground Line Transformers	DDISTSUT	6,673,800									
AF	29												
AF	30												
AF	31												
AF	32												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
SW	34	**TOTAL CUSTOMER ACCOUNTS SAL & WAGES EXP**		0	0	0	0	0	0	38,928	0	0
SW	35											
SW	36	**CUSTOMER SERVICE SAL & WAGES EXP**										
SW	37	908-Customer Assistance	CUSTASST	0	0	0	0	0	0	0	1,764	0
SW	38	909-Advertisement	CUSTADVT	0	0	0	0	0	0	0	0	0
SW	39	910-Miscellaneous CS	CUSTCSM	0	0	0	0	0	0	0	(2)	0
SW	40	TOTAL CUSTOMER SERVICE SAL & WAGES EXP		0	0	0	0	0	0	0	1,763	0
SW	41											
SW	42	**SALES EXPENSE (ACCT 912&916)**	OX_CS	0	0	0	0	0	0	0	915	0
SW	43											
SW	44	**ADMINISTRATIVE & GENERAL SALARIES & WAGE**	SALWAGXAG	496	0	0	6,029	225	951	13,647	618	1,884
SW	45	**TOT OPER & MAINTENANCE LABOR**		1,911	0	0	23,228	869	3,663	52,575	3,295	7,259
SW	46											
SW	47											
SW	48											
SW	49											
SW	50											
AF	1	**ALLOCATION FACTOR TABLE**										
AF	2	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**										
AF	3											
AF	4	**DEMAND**										
AF	5	DEMAND - PRODUCTION RELATED										
AF	6	Demand Production	DPROD									
AF	7											
AF	8											
AF	9											
AF	10											
AF	11	DEMAND - TRANSMISSION RELATED										
AF	12	Demand Transmission (1 Coincident Peak)	DTRAN									
AF	13											
AF	14	Demand Transmission (Revenue)	DTRANR									
AF	15											
AF	16											
AF	17											
AF	18											
AF	19											
AF	20	DEMAND - DISTRIBUTION RELATED (Non-Coincident Peak Demand)										
AF	21	Demand Distribution Primary High Tension	DDISPHT									
AF	22	Demand Distribution Primary Overhead Lines	DDISTPOL									
AF	23	Demand Distribution Primary Underground Lines	DDISTPUL									
AF	24											
AF	25	Demand Distribution Secondary Overhead Lines	DDISTSOL									
AF	26	Demand Distribution Secondary Underground Lines	DDISTSUL									
AF	27	Demand Distribution Overhead Line Transformers	DDISTSOT									
AF	28	Demand Distribution Underground Line Transformers	DDISTSUT									
AF	29											
AF	30											
AF	31											
AF	32											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	33												
AF	34												
AF	35												
AF	36												
AF	37												
AF	38												
AF	39												
AF	40												
AF	41												
AF	42												
AF	43												
AF	44												
AF	45												
AF	46												
AF	47												
AF	48												
AF	49												
AF	50												
AF	51	**ALLOCATION FACTOR TABLE CONTINUED**											
AF	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**											
AF	53												
AF	54	**ENERGY**											
AF	55	Energy Revenue at pro-forma adjusted level	ENERGY1	741,120									
AF	56	Energy @ Meter (MWh Sales)	ENERGY2	36,890,017									
AF	57												
AF	58												
AF	59												
AF	60												
AF	61												
AF	62												
AF	63												
AF	64												
AF	65	**CUSTOMER**											
AF	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL	6,673,800									
AF	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL	6,673,800									
AF	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixt	CDISTSOLC	1,733,649									
AF	67	365 & 367 - Cust. Dist. Secondary Conductors & Devic	CDISTSULC	1,733,649									
AF	68												
AF	69	369-Services	CSERVICE	6,315,528									
AF	70	370-Meters	CMETERS	325,535									
AF	71	371-Installation on Customer Premises	CUSTPREM	1,733,649									
AF	72	373-Street Lighting & Signal Systems	CLIGHT	1									
AF	73												
AF	74	Customer Deposits	CUSTDEP	1.0000									
AF	75												
AF	76												
AF	77	903-Customer Records and Collections	CUSTREC	1.0000									
AF	78	905-Miscellaneous Customer Accounts	CUSTCAM	1,698,365									
AF	79	908-Customer Assistance	CUSTASST	1.0000									

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	33											
AF	34											
AF	35											
AF	36											
AF	37											
AF	38											
AF	39											
AF	40											
AF	41											
AF	42											
AF	43											
AF	44											
AF	45											
AF	46											
AF	47											
AF	48											
AF	49											
AF	50											
AF	51	**ALLOCATION FACTOR TABLE CONTINUED**										
AF	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**										
AF	53											
AF	54	**ENERGY**										
AF	55	Energy Revenue at pro-forma adjusted level	ENERGY1									
AF	56	Energy @ Meter (MWh Sales)	ENERGY2									
AF	57											
AF	58											
AF	59											
AF	60											
AF	61											
AF	62											
AF	63											
AF	64											
AF	65	**CUSTOMER**										
AF	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL									
AF	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL									
AF	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixt	CDISTSOLC									
AF	67	365 & 367 - Cust. Dist. Secondary Conductors & Devic	CDISTSULC									
AF	68											
AF	69	369-Services	CSERVICE									
AF	70	370-Meters	CMETERS									
AF	71	371-Installation on Customer Premises	CUSTPREM									
AF	72	373-Street Lighting & Signal Systems	CLIGHT									
AF	73											
AF	74	Customer Deposits	CUSTDEP									
AF	75											
AF	76											
AF	77	903-Customer Records and Collections	CUSTREC									
AF	78	905-Miscellaneous Customer Accounts	CUSTCAM									
AF	79	908-Customer Assistance	CUSTASST									

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	80	909-Informational and Instructional Advertising	CUSTADVT	1,698,365									
AF	81	910-Miscellaneous Customer Service	CUSTCSM	1,698,365									
AF	82	912/916-Miscellaneous Sales Expense	CUSTSALES	1									
AF	83												
AF	84	Number of Bills	CUSTBILLS	20,380,381									
AF	85	Number of Customers	CUST	1,698,365									
AF	86	Number of Residential Customers	CUSTRES	1,526,864									
AF	87												
AF	90												
AF	91												
AF	92												
AF	93												
AF	94												
AF	95												
AF	96												
AF	97												
AF	98												
AF	99												
AF	100												
AF	101	**ALLOCATION FACTOR TABLE CONTINUED**											
AF	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AF	103												
AF	104	**Plant Related**											
AF	105	Intangible Plant	INTPLT	232,753									
AF	106	Transmission Plant in Service	TRANPLT	0									
AF	107	Distribution Plant in Service	DISTPLT	8,405,217									
AF	108	General Plant in Service	GENLPLT	277,210									
AF	109	Total Electric Plant In Service	TOTPLT	8,915,180									
AF	110												
AF	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR	8,401,921									
AF	112	Total Transmission and Distribution Plant	TDPLT	8,405,217									
AF	113	Total Distribution and General Plant	DGPLT	8,682,427									
AF	114	Rate Base	RATEBASE	6,385,897									
AF	115												
AF	116	Account 360	PLT_360	45,126									
AF	117	Account 361	PLT_361	220,410									
AF	118	Account 362	PLT_362	1,179,459									
AF	119	Account 364	PLT_364	1,080,008									
AF	120	Account 365	PLT_365	1,975,971									
AF	121	Account 366	PLT_366	643,607									
AF	122	Account 367	PLT_367	1,594,275									
AF	123	Account 368	PLT_368	770,400									
AF	124	Account 369	PLT_369	462,459									
AF	125	Account 370	PLT_370	352,706									
AF	126	Account 371	PLT_371	13,772									
AF	127	Account 373	PLT_373	63,728									
AF	128	Distribution Overhead Plant in Service	OHDIST	3,055,979									
AF	129	Distribution Underground Plant in Service	UGDIST	2,237,881									
AF	130	Accounts 360 & 361	PLT_3601	265,536									

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	80	909-Informational and Instructional Advertising	CUSTADVT									
AF	81	910-Miscellaneous Customer Service	CUSTCSM									
AF	82	912/916-Miscellaneous Sales Expense	CUSTSALES									
AF	83											
AF	84	Number of Bills	CUSTBILLS									
AF	85	Number of Customers	CUST									
AF	86	Number of Residential Customers	CUSTRES									
AF	87											
AF	90											
AF	91											
AF	92											
AF	93											
AF	94											
AF	95											
AF	96											
AF	97											
AF	98											
AF	99											
AF	100											
AF	101	**ALLOCATION FACTOR TABLE CONTINUED**										
AF	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AF	103											
AF	104	**Plant Related**										
AF	105	Intangible Plant	INTPLT									
AF	106	Transmission Plant in Service	TRANPLT									
AF	107	Distribution Plant in Service	DISTPLT									
AF	108	General Plant in Service	GENLPLT									
AF	109	Total Electric Plant In Service	TOTPLT									
AF	110											
AF	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR									
AF	112	Total Transmission and Distribution Plant	TDPLT									
AF	113	Total Distribution and General Plant	DGPLT									
AF	114	Rate Base	RATEBASE									
AF	115											
AF	116	Account 360	PLT_360									
AF	117	Account 361	PLT_361									
AF	118	Account 362	PLT_362									
AF	119	Account 364	PLT_364									
AF	120	Account 365	PLT_365									
AF	121	Account 366	PLT_366									
AF	122	Account 367	PLT_367									
AF	123	Account 368	PLT_368									
AF	124	Account 369	PLT_369									
AF	125	Account 370	PLT_370									
AF	126	Account 371	PLT_371									
AF	127	Account 373	PLT_373									
AF	128	Distribution Overhead Plant in Service	OHDIST									
AF	129	Distribution Underground Plant in Service	UGDIST									
AF	130	Accounts 360 & 361	PLT_3601									

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	131	Accounts 371 & 373	PLT_3713	77,500									
AF	132												
AF	133	Residential	DPLTRES	2,939,433									
AF	134	Residential Heating	DPLTRH	591,528									
AF	135	General Service	DPLTGS	952,983									
AF	136	Primary Distribution	DPLTPRID	33,840									
AF	137	High Tension	DPLTHT	677,756									
AF	138	Electric Propulsion	DPLTEP	32,813									
AF	139	Lighting	DPLTLCUST	65,507									
AF	140												
AF	141												
AF	142												
AF	143												
AF	144												
AF	145												
AF	146												
AF	147												
AF	148												
AF	149												
AF	150												
AF	151	**ALLOCATION FACTOR TABLE CONTINUED**											
AF	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AF	153												
AF	154	**Production Expense Related**											
AF	155	Account 555	OX_555	689,927									
AF	156	O&M Expense Production Other	OX_PROD	689,927									
AF	157	Salaries and Wages Production Operation	SALWAGPO	0									
AF	158												
AF	159												
AF	160	**Transmission Expense Related**											
AF	161	Transmission Operation Expense	OX_TRAN	161,192									
AF	162	Transmission Maintenance Expense	MX_TRAN	0									
AF	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO	0									
AF	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM	0									
AF	165												
AF	166												
AF	167	**Distribution Expense Related**											
AF	168	Account 580	OX_580	1,120									
AF	169	Account 581	OX_581	0									
AF	170	Account 582	OX_582	640									
AF	171	Account 583	OX_583	17,204									
AF	172	Account 584	OX_584	11,485									
AF	173	Account 585	OX_585	0									
AF	174	Account 586	OX_586	5,354									
AF	175	Account 587	OX_587	9,857									
AF	176	Account 588	OX_588	68,272									
AF	177	Account 589	OX_589	3,139									
AF	178	Account 591	MX_591	1,973									
AF	179	Account 592	MX_592	16,530									

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	131	Accounts 371 & 373	PLT_3713									
AF	132											
AF	133	Residential	DPLTRES									
AF	134	Residential Heating	DPLTRH									
AF	135	General Service	DPLTGS									
AF	136	Primary Distribution	DPLTPRID									
AF	137	High Tension	DPLTHT									
AF	138	Electric Propulsion	DPLTEP									
AF	139	Lighting	DPLTLCUST									
AF	140											
AF	141											
AF	142											
AF	143											
AF	144											
AF	145											
AF	146											
AF	147											
AF	148											
AF	149											
AF	150											
AF	151	**ALLOCATION FACTOR TABLE CONTINUED**										
AF	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AF	153											
AF	154	**Production Expense Related**										
AF	155	Account 555	OX_555									
AF	156	O&M Expense Production Other	OX_PROD									
AF	157	Salaries and Wages Production Operation	SALWAGPO									
AF	158											
AF	159											
AF	160	**Transmission Expense Related**										
AF	161	Transmission Operation Expense	OX_TRAN									
AF	162	Transmission Maintenance Expense	MX_TRAN									
AF	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO									
AF	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM									
AF	165											
AF	166											
AF	167	**Distribution Expense Related**										
AF	168	Account 580	OX_580									
AF	169	Account 581	OX_581									
AF	170	Account 582	OX_582									
AF	171	Account 583	OX_583									
AF	172	Account 584	OX_584									
AF	173	Account 585	OX_585									
AF	174	Account 586	OX_586									
AF	175	Account 587	OX_587									
AF	176	Account 588	OX_588									
AF	177	Account 589	OX_589									
AF	178	Account 591	MX_591									
AF	179	Account 592	MX_592									

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	180	Account 593	MX_593	198,275									
AF	181	Account 594	MX_594	29,013									
AF	182	Account 595	MX_595	1,500									
AF	183	Account 596	MX_596	1,023									
AF	184	Account 597	MX_597	0									
AF	185	Account 598	MX_598	14,304									
AF	186	O&M Accounts 581-589	OX_DIST	115,952									
AF	187	O&M Accounts 591-598	MX_DIST	262,619									
AF	188												
AF	189												
AF	190												
AF	191												
AF	192												
AF	193												
AF	194												
AF	195												
AF	196												
AF	197												
AF	198												
AF	199												
AF	200												
AF	201	**ALLOCATION FACTOR TABLE CONTINUED**											
AF	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AF	203												
AF	204	**Customer Distribution Expense Related**											
AF	205	Account 902	OX_902	338									
AF	206	Account 903	OX_903	81,794									
AF	207	Account 904	OX_904	38,985									
AF	208	O&M Accounts 902-905	OX_CA	127,033									
AF	209												
AF	210	Account908	OX_908	10,255									
AF	211	Account909	OX_909	1,351									
AF	212	Account910	OX_910	134									
AF	213	O&M Accounts 908-910	OX_CS	11,740									
AF	214	Accounts 901-910	X_CACS	138,773									
AF	215												
AF	216	Total O&M less Purchased Power	OMXPP	864,379									
AF	217	Total O&M less PP less Payroll less Pension	OMXPPPP	660,251									
AF	218												
AF	219	**Salaries and Wages Expense Related**											
AF	220	Salaries & Wages Accounts 581-589	SALWAGDO	19,942									
AF	221	Salaries & Wages Accounts 591-598	SALWAGDM	65,765									
AF	222	Salaries & Wages Accounts 902-905	SALWAGCA	38,928									
AF	223	Salaries & Wages Accounts 908-910	SALWAGCS	1,763									
AF	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	126,399									
AF	225	Total Salaries and Wages Expense	SALWAGES	171,625									
AF	226												
AF	227	Base Taxable Income	EBT	221,798									
AF	228												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	180	Account 593	MX_593									
AF	181	Account 594	MX_594									
AF	182	Account 595	MX_595									
AF	183	Account 596	MX_596									
AF	184	Account 597	MX_597									
AF	185	Account 598	MX_598									
AF	186	O&M Accounts 581-589	OX_DIST									
AF	187	O&M Accounts 591-598	MX_DIST									
AF	188											
AF	189											
AF	190											
AF	191											
AF	192											
AF	193											
AF	194											
AF	195											
AF	196											
AF	197											
AF	198											
AF	199											
AF	200											
AF	201	**ALLOCATION FACTOR TABLE CONTINUED**										
AF	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AF	203											
AF	204	**Customer Distribution Expense Related**										
AF	205	Account 902	OX_902									
AF	206	Account 903	OX_903									
AF	207	Account 904	OX_904									
AF	208	O&M Accounts 902-905	OX_CA									
AF	209											
AF	210	Account908	OX_908									
AF	211	Account909	OX_909									
AF	212	Account910	OX_910									
AF	213	O&M Accounts 908-910	OX_CS									
AF	214	Accounts 901-910	X_CACS									
AF	215											
AF	216	Total O&M less Purchased Power	OMXPP									
AF	217	Total O&M less PP less Payroll less Pension	OMXPPPP									
AF	218											
AF	219	**Salaries and Wages Expense Related**										
AF	220	Salaries & Wages Accounts 581-589	SALWAGDO									
AF	221	Salaries & Wages Accounts 591-598	SALWAGDM									
AF	222	Salaries & Wages Accounts 902-905	SALWAGCA									
AF	223	Salaries & Wages Accounts 908-910	SALWAGCS									
AF	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG									
AF	225	Total Salaries and Wages Expense	SALWAGES									
AF	226											
AF	227	Base Taxable Income	EBT									
AF	228											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	229												
AF	230												
AF	231												
AF	232												
AF	233												
AF	234												
AF	235												
AF	236												
AF	237												
AF	238												
AF	239												
AF	240												
AF	241												
AF	242												
AF	243												
AF	244												
AF	245												
AF	246												
AF	247												
AF	248												
AF	249												
AF	250												
AF	251	**REVENUES AND BILLING DETERMINANTS**											
AF	252												
AF	253	Base Rate Sales Revenue	SALESREV	1,372,001									
AF	254												
AF	255	Residential	SREVRES	778,131									
AF	256	Residential Heating	SREVRH	154,042									
AF	257	General Service	SREVGS	242,879									
AF	258	Primary Distribution	SREVPRID	7,694									
AF	259	High Tension	SREVHT	157,654									
AF	260	Electric Propulsion	SREVEP	8,118									
AF	261	Lighting	SREVLCUST	23,483									
AF	262												
AF	263	R/RH	SREVRRH	932,173									
AF	264	GS/PD/HT	SREVGSPDHT	408,227									
AF	265	PD/HT	SREVPDHT	165,348									
AF	266												
AF	267	Claimed Rate Sales Revenue	CLAIMREV	2,531,188									
AF	268												
AF	269	Capital Stock	CAPSTOCK	5,723,184									
AF	270												
AF	271												
AF	272	**PRESENT REVENUES/EXPENSES FROM SALES INPUT**											
AF	273												
AF	274	Total Sales of Electricity Revenues		1,368,141									
AF	275	Sales of Electricity Revenues - Distribution		1,372,001									
AF	276	Sales of Electricity Revenues - Nuclear Decommissioning		(3,860)									
AF	277												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	229											
AF	230											
AF	231											
AF	232											
AF	233											
AF	234											
AF	235											
AF	236											
AF	237											
AF	238											
AF	239											
AF	240											
AF	241											
AF	242											
AF	243											
AF	244											
AF	245											
AF	246											
AF	247											
AF	248											
AF	249											
AF	250											
AF	251	**REVENUES AND BILLING DETERMINANTS**										
AF	252											
AF	253	Base Rate Sales Revenue	SALESREV									
AF	254											
AF	255	Residential	SREVRES									
AF	256	Residential Heating	SREVRH									
AF	257	General Service	SREVGS									
AF	258	Primary Distribution	SREVPRID									
AF	259	High Tension	SREVHT									
AF	260	Electric Propulsion	SREVEP									
AF	261	Lighting	SREVLCUST									
AF	262											
AF	263	R/RH	SREVRRH									
AF	264	GS/PD/HT	SREVGSPDHT									
AF	265	PD/HT	SREVPDHT									
AF	266											
AF	267	Claimed Rate Sales Revenue	CLAIMREV									
AF	268											
AF	269	Capital Stock	CAPSTOCK									
AF	270											
AF	271											
AF	272	**PRESENT REVENUES/EXPENSES FROM SALES INPUT**										
AF	273											
AF	274	Total Sales of Electricity Revenues										
AF	275	Sales of Electricity Revenues - Distribution										
AF	276	Sales of Electricity Revenues - Nuclear Decommissioning										
AF	277											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AF	278												
AF	279												
AF	280	Sales of Electricity Revenues - Transmission		172,082									
AF	281												
AF	282												
AF	283	**BILLING DETERMINATE INPUTS**											
AF	284	Number of Customer Bills	SCH AF, LN 84	20,380,381									
AF	285	Annual MWh Sales @ Meter	SCH AF, LN 56	36,890,017									
AF	286	Annual MW - Billed		61,041									
AF	287												
AF	288												
AF	289	**RATE OF RETURN**											
AF	290	Rate of Return (Equalized)	SCH AF, LN 290	7.68%									
AF	291												
AF	292												
AF	293												
AF	294												
AF	295												
AF	296												
AF	297												
AF	298												
AF	299												
AF	300												
AP	1	**ALLOCATION PROPORTIONS TABLE**											
AP	2	**EXTERNALLY DEVELOPED ALLOCATION FACTOR**											
AP	3												
AP	4												
AP	5	DEMAND - PRODUCTION RELATED											
AP	6	Demand Production	DPROD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	7												
AP	8												
AP	9												
AP	10												
AP	11	DEMAND - TRANSMISSION RELATED											
AP	12	Demand Transmission (1 Coincident Peak)	DTRAN	1.00000	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	13												
AP	14	Demand Transmission (Revenue)	DTRANR	1.00000	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	15												
AP	16												
AP	17												
AP	18												
AP	19												
AP	20	DEMAND - DISTRIBUTION RELATED (Non-Coincider											
AP	21	Demand Distribution Primary High Tension	DDISPHT	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	22	Demand Distribution Primary Overhead Lines	DDISTPOL	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	1.00000	0.00000
AP	23	Demand Distribution Primary Underground Lines	DDISTPUL	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	1.00000	0.00000
AP	24												
AP	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	1.00000
AP	26	Demand Distribution Secondary Underground Lines	DDISTSUL	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	1.00000

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AF	278											
AF	279											
AF	280	Sales of Electricity Revenues - Transmission										
AF	281											
AF	282											
AF	283	**BILLING DETERMINATE INPUTS**										
AF	284	Number of Customer Bills	SCH AF, LN 84									
AF	285	Annual MWh Sales @ Meter	SCH AF, LN 56									
AF	286	Annual MW - Billed										
AF	287											
AF	288											
AF	289	**RATE OF RETURN**										
AF	290	Rate of Return (Equalized)	SCH AF, LN 290									
AF	291											
AF	292											
AF	293											
AF	294											
AF	295											
AF	296											
AF	297											
AF	298											
AF	299											
AF	300											
AP	1	**ALLOCATION PROPORTIONS TABLE**										
AP	2	**EXTERNALLY DEVELOPED ALLOCATION FACTOF**										
AP	3											
AP	4											
AP	5	DEMAND - PRODUCTION RELATED										
AP	6	Demand Production	DPROD	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	7											
AP	8											
AP	9											
AP	10											
AP	11	DEMAND - TRANSMISSION RELATED										
AP	12	Demand Transmission (1 Coincident Peak)	DTRAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	13											
AP	14	Demand Transmission (Revenue)	DTRANR	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	15											
AP	16											
AP	17											
AP	18											
AP	19											
AP	20	DEMAND - DISTRIBUTION RELATED (Non-Coincider										
AP	21	Demand Distribution Primary High Tension	DDISPHT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	22	Demand Distribution Primary Overhead Lines	DDISTPOL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	23	Demand Distribution Primary Underground Lines	DDISTPUL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	24											
AP	25	Demand Distribution Secondary Overhead Lines	DDISTSOL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	26	Demand Distribution Secondary Underground Lines	DDISTSUL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	27	Demand Distribution Overhead Line Transformers	DDISTSOT	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	28	Demand Distribution Underground Line Transformers	DDISTSUT	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	29												
AP	30												
AP	31												
AP	32												
AP	33												
AP	34												
AP	35												
AP	36												
AP	37												
AP	38												
AP	39												
AP	40												
AP	41												
AP	42												
AP	43												
AP	44												
AP	45												
AP	46												
AP	47												
AP	48												
AP	49												
AP	50												
AP	51	**ALLOCATION PROPORTIONS TABLE CONTINUED**											
AP	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**											
AP	53												
AP	54	**ENERGY**											
AP	55	Energy Revenue at pro-forma adjusted level	ENERGY1	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	56	Energy @ Meter (MWh Sales)	ENERGY2	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	57												
AP	58												
AP	59												
AP	60												
AP	61												
AP	62												
AP	63												
AP	64												
AP	65	**CUSTOMER**											
AP	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixt	CDISTSOLC	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	67	365 & 367 - Cust. Dist. Secondary Conductors & Devic	CDISTSULC	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	68												
AP	69	369-Services	CSERVICE	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	70	370-Meters	CMETERS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	71	371-Installation on Customer Premises	CUSTPREM	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	72	373-Street Lighting & Signal Systems	CLIGHT	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	73												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	27	Demand Distribution Overhead Line Transformers	DDISTSOT	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	28	Demand Distribution Underground Line Transformers	DDISTSUT	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	29											
AP	30											
AP	31											
AP	32											
AP	33											
AP	34											
AP	35											
AP	36											
AP	37											
AP	38											
AP	39											
AP	40											
AP	41											
AP	42											
AP	43											
AP	44											
AP	45											
AP	46											
AP	47											
AP	48											
AP	49											
AP	50											
AP	51	**ALLOCATION PROPORTIONS TABLE CONTINUED**										
AP	52	**EXTERNALLY DEVELOPED ALLOCATION FACTORS**										
AP	53											
AP	54	**ENERGY**										
AP	55	Energy Revenue at pro-forma adjusted level	ENERGY1	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	56	Energy @ Meter (MWh Sales)	ENERGY2	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	57											
AP	58											
AP	59											
AP	60											
AP	61											
AP	62											
AP	63											
AP	64											
AP	65	**CUSTOMER**										
AP	66	364 & 365 - Cust. Dist. Secondary OH Lines (NCP)	CDISTSOL	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	67	366 & 367 - Cust. Dist. Secondary UG Lines (NCP)	CDISTSUL	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	66	364 & 366 - Cust. Dist. Secondary Poles, Towers, Fixt	CDISTSOLC	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	67	365 & 367 - Cust. Dist. Secondary Conductors & Devic	CDISTSULC	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	68											
AP	69	369-Services	CSERVICE	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	70	370-Meters	CMETERS	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	71	371-Installation on Customer Premises	CUSTPREM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	72	373-Street Lighting & Signal Systems	CLIGHT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	73											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	74	Customer Deposits	CUSTDEP	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	75												
AP	76												
AP	77	903-Customer Records and Collections	CUSTREC	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	78	905-Miscellaneous Customer Accounts	CUSTCAM	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	79	908-Customer Assistance	CUSTASST	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	80	909-Informational and Instructional Advertising	CUSTADVT	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	81	910-Miscellaneous Customer Service	CUSTCSM	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	82	912/916-Miscellaneous Sales Expense	CUSTSALES	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	83												
AP	84	Number of Bills	CUSTBILLS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	85	Number of Customers	CUST	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	86	Number of Residential Customers	CUSTRES	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	87												
AP	90												
AP	91												
AP	92												
AP	93												
AP	94												
AP	95												
AP	96												
AP	97												
AP	98												
AP	99												
AP	100												
AP	101	**ALLOCATION PROPORTIONS TABLE CONTINUED**											
AP	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AP	103												
AP	104	**Plant Related**											
AP	105	Intangible Plant	INTPLT	1.00000	0.45917	0.00000	0.54083	0.00000	0.00000	0.45917	0.31066	0.09068	0.00000
AP	106	Transmission Plant in Service	TRANPLT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	107	Distribution Plant in Service	DISTPLT	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	108	General Plant in Service	GENLPLT	1.00000	0.47042	0.00000	0.52958	0.00000	0.00000	0.47042	0.33796	0.12133	0.00000
AP	109	Total Electric Plant In Service	TOTPLT	1.00000	0.71308	0.00000	0.28692	0.00000	0.00000	0.71308	0.48307	0.14171	0.00000
AP	110												
AP	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	112	Total Transmission and Distribution Plant	TDPLT	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	113	Total Distribution and General Plant	DGPLT	1.00000	0.71989	0.00000	0.28011	0.00000	0.00000	0.71989	0.48769	0.14308	0.00000
AP	114	Rate Base	RATEBASE	1.00000	0.71517	0.00396	0.28086	0.00000	0.00239	0.71278	0.47568	0.15655	0.00000
AP	115												
AP	116	Account 360	PLT_360	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	117	Account 361	PLT_361	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	118	Account 362	PLT_362	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	119	Account 364	PLT_364	1.00000	0.72174	0.00000	0.27826	0.00000	0.00000	0.72174	0.45225	0.26950	0.00000
AP	120	Account 365	PLT_365	1.00000	0.72174	0.00000	0.27826	0.00000	0.00000	0.72174	0.45225	0.26950	0.00000
AP	121	Account 366	PLT_366	1.00000	0.75811	0.00000	0.24189	0.00000	0.00000	0.75811	0.58626	0.17186	0.00000
AP	122	Account 367	PLT_367	1.00000	0.75811	0.00000	0.24189	0.00000	0.00000	0.75811	0.58626	0.17186	0.00000
AP	123	Account 368	PLT_368	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	124	Account 369	PLT_369	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	74	Customer Deposits	CUSTDEP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	75											
AP	76											
AP	77	903-Customer Records and Collections	CUSTREC	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	78	905-Miscellaneous Customer Accounts	CUSTCAM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	79	908-Customer Assistance	CUSTASST	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	80	909-Informational and Instructional Advertising	CUSTADVT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	81	910-Miscellaneous Customer Service	CUSTCSM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	82	912/916-Miscellaneous Sales Expense	CUSTSALES	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	83											
AP	84	Number of Bills	CUSTBILLS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	85	Number of Customers	CUST	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	86	Number of Residential Customers	CUSTRES	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	87											
AP	90											
AP	91											
AP	92											
AP	93											
AP	94											
AP	95											
AP	96											
AP	97											
AP	98											
AP	99											
AP	100											
AP	101	**ALLOCATION PROPORTIONS TABLE CONTINUED**										
AP	102	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AP	103											
AP	104	**Plant Related**										
AP	105	Intangible Plant	INTPLT	0.05782	0.00000	0.00000	0.10445	0.03471	0.39585	0.00000	0.00000	0.00582
AP	106	Transmission Plant in Service	TRANPLT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	107	Distribution Plant in Service	DISTPLT	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	108	General Plant in Service	GENLPLT	0.01113	0.00000	0.00000	0.13534	0.00506	0.02134	0.30634	0.01920	0.04229
AP	109	Total Electric Plant In Service	TOTPLT	0.08830	0.00000	0.00000	0.16310	0.05296	0.05058	0.00953	0.00060	0.01016
AP	110											
AP	111	Distribution Plant Excl Asset Retirement	DISTPLTXAR	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	112	Total Transmission and Distribution Plant	TDPLT	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	113	Total Distribution and General Plant	DGPLT	0.08912	0.00000	0.00000	0.16467	0.05345	0.04132	0.00978	0.00061	0.01028
AP	114	Rate Base	RATEBASE	0.08056	0.00396	0.00000	0.17898	0.03598	0.02685	0.03483	0.00231	0.00191
AP	115											
AP	116	Account 360	PLT_360	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	117	Account 361	PLT_361	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	118	Account 362	PLT_362	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	119	Account 364	PLT_364	0.00000	0.00000	0.00000	0.27826	0.00000	0.00000	0.00000	0.00000	0.00000
AP	120	Account 365	PLT_365	0.00000	0.00000	0.00000	0.27826	0.00000	0.00000	0.00000	0.00000	0.00000
AP	121	Account 366	PLT_366	0.00000	0.00000	0.00000	0.24189	0.00000	0.00000	0.00000	0.00000	0.00000
AP	122	Account 367	PLT_367	0.00000	0.00000	0.00000	0.24189	0.00000	0.00000	0.00000	0.00000	0.00000
AP	123	Account 368	PLT_368	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	124	Account 369	PLT_369	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	125	Account 370	PLT_370	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	126	Account 371	PLT_371	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	127	Account 373	PLT_373	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	128	Distribution Overhead Plant in Service	OHDIST	1.00000	0.72174	0.00000	0.27826	0.00000	0.00000	0.72174	0.45225	0.26950	0.00000
AP	129	Distribution Underground Plant in Service	UGDIST	1.00000	0.75811	0.00000	0.24189	0.00000	0.00000	0.75811	0.58626	0.17186	0.00000
AP	130	Accounts 360 & 361	PLT_3601	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	131	Accounts 371 & 373	PLT_3713	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	132												
AP	133	Residential	DPLTRES	1.00000	0.63679	0.00000	0.36321	0.00000	0.00000	0.63679	0.39574	0.24105	0.00000
AP	134	Residential Heating	DPLTRH	1.00000	0.73281	0.00000	0.26719	0.00000	0.00000	0.73281	0.45541	0.27740	0.00000
AP	135	General Service	DPLTGS	1.00000	0.86875	0.00000	0.13125	0.00000	0.00000	0.86875	0.53989	0.32886	0.00000
AP	136	Primary Distribution	DPLTPRID	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.62146	0.37854	0.00000
AP	137	High Tension	DPLTHT	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	138	Electric Propulsion	DPLTEP	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	139	Lighting	DPLTLCUST	1.00000	0.37540	0.00000	0.62460	0.00000	0.00000	0.37540	0.23329	0.14211	0.00000
AP	140												
AP	141												
AP	142												
AP	143												
AP	144												
AP	145												
AP	146												
AP	147												
AP	148												
AP	149												
AP	150												
AP	151	**ALLOCATION PROPORTIONS TABLE CONTINUED**											
AP	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AP	153												
AP	154	**Production Expense Related**											
AP	155	Account 555	OX_555	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	156	O&M Expense Production Other	OX_PROD	1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	157	Salaries and Wages Production Operation	SALWAGPO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	158			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	159												
AP	160	**Transmission Expense Related**											
AP	161	Transmission Operation Expense	OX_TRAN	1.00000	1.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000
AP	162	Transmission Maintenance Expense	MX_TRAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	165												
AP	166												
AP	167	**Distribution Expense Related**											
AP	168	Account 580	OX_580	1.00000	0.46279	0.00000	0.53721	0.00000	0.00000	0.46279	0.31770	0.10999	0.00000
AP	169	Account 581	OX_581	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	170	Account 582	OX_582	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	171	Account 583	OX_583	1.00000	0.72174	0.00000	0.27826	0.00000	0.00000	0.72174	0.45225	0.26950	0.00000
AP	172	Account 584	OX_584	1.00000	0.75811	0.00000	0.24189	0.00000	0.00000	0.75811	0.58626	0.17186	0.00000
AP	173	Account 585	OX_585	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	125	Account 370	PLT_370	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	126	Account 371	PLT_371	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	127	Account 373	PLT_373	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	128	Distribution Overhead Plant in Service	OHDIST	0.00000	0.00000	0.00000	0.27826	0.00000	0.00000	0.00000	0.00000	0.00000
AP	129	Distribution Underground Plant in Service	UGDIST	0.00000	0.00000	0.00000	0.24189	0.00000	0.00000	0.00000	0.00000	0.00000
AP	130	Accounts 360 & 361	PLT_3601	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	131	Accounts 371 & 373	PLT_3713	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	132											
AP	133	Residential	DPLTRES	0.00000	0.00000	0.00000	0.36321	0.00000	0.00000	0.00000	0.00000	0.00000
AP	134	Residential Heating	DPLTRH	0.00000	0.00000	0.00000	0.26719	0.00000	0.00000	0.00000	0.00000	0.00000
AP	135	General Service	DPLTGS	0.00000	0.00000	0.00000	0.13125	0.00000	0.00000	0.00000	0.00000	0.00000
AP	136	Primary Distribution	DPLTPRID	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	137	High Tension	DPLTHT	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	138	Electric Propulsion	DPLTEP	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	139	Lighting	DPLTLCUST	0.00000	0.00000	0.00000	0.62460	0.00000	0.00000	0.00000	0.00000	0.00000
AP	140											
AP	141											
AP	142											
AP	143											
AP	144											
AP	145											
AP	146											
AP	147											
AP	148											
AP	149											
AP	150											
AP	151	**ALLOCATION PROPORTIONS TABLE CONTINUED**										
AP	152	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AP	153											
AP	154	**Production Expense Related**										
AP	155	Account 555	OX_555	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	156	O&M Expense Production Other	OX_PROD	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	157	Salaries and Wages Production Operation	SALWAGPO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	158			0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	159											
AP	160	**Transmission Expense Related**										
AP	161	Transmission Operation Expense	OX_TRAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	162	Transmission Maintenance Expense	MX_TRAN	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	163	Transmission Salaries & Wages Accounts 511-567	SALWAGTO	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	164	Transmission Salaries & Wages Accounts 569-574	SALWAGTM	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	165											
AP	166											
AP	167	**Distribution Expense Related**										
AP	168	Account 580	OX_580	0.03510	0.00000	0.00000	0.12813	0.02107	0.12746	0.00000	0.00000	0.26056
AP	169	Account 581	OX_581	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	170	Account 582	OX_582	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	171	Account 583	OX_583	0.00000	0.00000	0.00000	0.27826	0.00000	0.00000	0.00000	0.00000	0.00000
AP	172	Account 584	OX_584	0.00000	0.00000	0.00000	0.24189	0.00000	0.00000	0.00000	0.00000	0.00000
AP	173	Account 585	OX_585	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	174	Account 586	OX_586	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	175	Account 587	OX_587	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	176	Account 588	OX_588	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	177	Account 589	OX_589	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	178	Account 591	MX_591	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	179	Account 592	MX_592	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	1.00000	0.00000	0.00000
AP	180	Account 593	MX_593	1.00000	0.72174	0.00000	0.27826	0.00000	0.00000	0.72174	0.45225	0.26950	0.00000
AP	181	Account 594	MX_594	1.00000	0.75811	0.00000	0.24189	0.00000	0.00000	0.75811	0.58626	0.17186	0.00000
AP	182	Account 595	MX_595	1.00000	1.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	183	Account 596	MX_596	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	184	Account 597	MX_597	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	185	Account 598	MX_598	1.00000	0.72812	0.00000	0.27188	0.00000	0.00000	0.72812	0.49263	0.14380	0.00000
AP	186	O&M Accounts 581-589	OX_DIST	1.00000	0.63613	0.00000	0.36387	0.00000	0.00000	0.63613	0.43409	0.14557	0.00000
AP	187	O&M Accounts 591-598	MX_DIST	1.00000	0.74449	0.00000	0.25551	0.00000	0.00000	0.74449	0.50350	0.23029	0.00000
AP	188												
AP	189												
AP	190												
AP	191												
AP	192												
AP	193												
AP	194												
AP	195												
AP	196												
AP	197												
AP	198												
AP	199												
AP	200												
AP	201	**ALLOCATION PROPORTIONS TABLE CONTINUED**											
AP	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**											
AP	203												
AP	204	**Customer Distribution Expense Related**											
AP	205	Account 902	OX_902	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	206	Account 903	OX_903	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	207	Account 904	OX_904	1.00000	0.53402	0.00628	0.45970	0.00000	0.00103	0.53299	0.33579	0.14978	0.00000
AP	208	O&M Accounts 902-905	OX_CA	1.00000	0.16389	0.00193	0.83419	0.00000	0.00032	0.16357	0.10305	0.04597	0.00000
AP	209												
AP	210	Account908	OX_908	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	211	Account909	OX_909	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	212	Account910	OX_910	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	213	O&M Accounts 908-910	OX_CS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	214	Accounts 901-910	X_CACS	1.00000	0.15002	0.00176	0.84822	0.00000	0.00029	0.14973	0.09433	0.04208	0.00000
AP	215												
AP	216	Total O&M less Purchased Power	OMXPP	1.00000	0.62362	0.00556	0.37082	0.00000	0.18776	0.43586	0.29805	0.12189	0.00000
AP	217	Total O&M less PP less Payroll less Pension	OMXPPPP	1.00000	0.67099	0.00728	0.32174	0.00000	0.24581	0.42518	0.28571	0.12207	0.00000
AP	218												
AP	219	**Salaries and Wages Expense Related**											
AP	220	Salaries & Wages Accounts 581-589	SALWAGDO	1.00000	0.46279	0.00000	0.53721	0.00000	0.00000	0.46279	0.31770	0.10999	0.00000
AP	221	Salaries & Wages Accounts 591-598	SALWAGDM	1.00000	0.76865	0.00000	0.23135	0.00000	0.00000	0.76865	0.55669	0.20109	0.00000
AP	222	Salaries & Wages Accounts 902-905	SALWAGCA	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	174	Account 586	OX_586	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	175	Account 587	OX_587	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	176	Account 588	OX_588	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	177	Account 589	OX_589	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	178	Account 591	MX_591	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	179	Account 592	MX_592	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	180	Account 593	MX_593	0.00000	0.00000	0.00000	0.27826	0.00000	0.00000	0.00000	0.00000	0.00000
AP	181	Account 594	MX_594	0.00000	0.00000	0.00000	0.24189	0.00000	0.00000	0.00000	0.00000	0.00000
AP	182	Account 595	MX_595	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	183	Account 596	MX_596	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000
AP	184	Account 597	MX_597	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	185	Account 598	MX_598	0.09169	0.00000	0.00000	0.16564	0.05504	0.04198	0.00000	0.00000	0.00922
AP	186	O&M Accounts 581-589	OX_DIST	0.05647	0.00000	0.00000	0.16726	0.03390	0.07203	0.00000	0.00000	0.09069
AP	187	O&M Accounts 591-598	MX_DIST	0.01071	0.00000	0.00000	0.24583	0.00300	0.00229	0.00000	0.00000	0.00440
AP	188											
AP	189											
AP	190											
AP	191											
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AP	195											
AP	196											
AP	197											
AP	198											
AP	199											
AP	200											
AP	201	**ALLOCATION PROPORTIONS TABLE CONTINUED**										
AP	202	**INTERNALLY DEVELOPED ALLOCATION FACTORS**										
AP	203											
AP	204	**Customer Distribution Expense Related**										
AP	205	Account 902	OX_902	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000
AP	206	Account 903	OX_903	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000
AP	207	Account 904	OX_904	0.04742	0.00628	0.00000	0.18755	0.02043	0.05408	0.16137	0.01767	0.01859
AP	208	O&M Accounts 902-905	OX_CA	0.01455	0.00193	0.00000	0.05756	0.00627	0.01926	0.73997	0.00542	0.00571
AP	209											
AP	210	Account908	OX_908	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	211	Account909	OX_909	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	212	Account910	OX_910	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	213	O&M Accounts 908-910	OX_CS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	214	Accounts 901-910	X_CACS	0.01332	0.00176	0.00000	0.05269	0.00574	0.01763	0.67737	0.08956	0.00522
AP	215											
AP	216	Total O&M less Purchased Power	OMXPP	0.01592	0.00556	0.00000	0.13419	0.00774	0.01813	0.16945	0.01826	0.02305
AP	217	Total O&M less PP less Payroll less Pension	OMXPPPP	0.01740	0.00728	0.00000	0.13384	0.00856	0.01713	0.12713	0.01797	0.01710
AP	218											
AP	219	**Salaries and Wages Expense Related**										
AP	220	Salaries & Wages Accounts 581-589	SALWAGDO	0.03510	0.00000	0.00000	0.12813	0.02107	0.12746	0.00000	0.00000	0.26056
AP	221	Salaries & Wages Accounts 591-598	SALWAGDM	0.01087	0.00000	0.00000	0.22267	0.00339	0.00259	0.00000	0.00000	0.00271
AP	222	Salaries & Wages Accounts 902-905	SALWAGCA	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000	0.00000

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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	223	Salaries & Wages Accounts 908-910	SALWAGCS	1.00000	0.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	1.00000	0.47294	0.00000	0.52706	0.00000	0.00000	0.47294	0.33977	0.12198	0.00000
AP	225	Total Salaries and Wages Expense	SALWAGES	1.00000	0.47042	0.00000	0.52958	0.00000	0.00000	0.47042	0.33796	0.12133	0.00000
AP	226												
AP	227	Base Taxable Income	EBT	1.00000	0.74054	0.00021	0.25925	0.00000	0.00114	0.73940	0.50657	0.15693	0.00000
AP	228												
AP	229												
AP	230												
AP	231												
AP	232												
AP	233												
AP	234												
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AP	247												
AP	248												
AP	249												
AP	250												
AP	251	**REVENUES AND BILLING DETERMINANTS**											
AP	252												
AP	253	Base Rate Sales Revenue	SALESREV	1.00000	0.59807	0.00680	0.39513	0.00000	0.00114	0.59693	0.40760	0.14368	0.00000
AP	254												
AP	255	Residential	SREVRES	1.00000	0.48393	0.00572	0.51035	0.00000	0.00092	0.48301	0.29424	0.14369	0.00000
AP	256	Residential Heating	SREVRH	1.00000	0.59207	0.00746	0.40047	0.00000	0.00121	0.59086	0.35959	0.17503	0.00000
AP	257	General Service	SREVGS	1.00000	0.76156	0.00679	0.23165	0.00000	0.00143	0.76013	0.46181	0.22345	0.00000
AP	258	Primary Distribution	SREVPRID	1.00000	0.86958	0.00596	0.12446	0.00000	0.00105	0.86853	0.58511	0.28342	0.00000
AP	259	High Tension	SREVHT	1.00000	0.92979	0.01232	0.05789	0.00000	0.00186	0.92793	0.92793	0.00000	0.00000
AP	260	Electric Propulsion	SREVEP	1.00000	0.97844	0.00794	0.01363	0.00000	0.00190	0.97653	0.97653	0.00000	0.00000
AP	261	Lighting	SREVLCUST	1.00000	0.28122	0.00101	0.71777	0.00000	0.00003	0.28119	0.17019	0.08127	0.00000
AP	262												
AP	263	R/RH	SREVRRH	1.00000	0.50180	0.00600	0.49220	0.00000	0.00096	0.50084	0.30504	0.14887	0.00000
AP	264	GS/PD/HT	SREVGSPDHT	1.00000	0.82856	0.00891	0.16252	0.00000	0.00159	0.82697	0.64414	0.13828	0.00000
AP	265	PD/HT	SREVPDHT	1.00000	0.92699	0.01203	0.06098	0.00000	0.00182	0.92516	0.91198	0.01319	0.00000
AP	266												
AP	267	Claimed Rate Sales Revenue	CLAIMREV	1.00000	0.46140	0.29437	0.24423	0.00000	0.06879	0.39261	0.26559	0.09397	0.00000
AP	268												
AP	269	Capital Stock	CAPSTOCK	1.00000	0.65743	0.06510	0.27748	0.00000	0.01521	0.64222	0.43498	0.13115	0.00000
AP	270												
AP	271												

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	223	Salaries & Wages Accounts 908-910	SALWAGCS	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	1.00000	0.00000
AP	224	Salaries & Wages Excluding Admin & Gen	SALWAGXAG	0.01119	0.00000	0.00000	0.13607	0.00509	0.02146	0.30798	0.01395	0.04252
AP	225	Total Salaries and Wages Expense	SALWAGES	0.01113	0.00000	0.00000	0.13534	0.00506	0.02134	0.30634	0.01920	0.04229
AP	226											
AP	227	Base Taxable Income	EBT	0.07591	0.00021	0.00000	0.16642	0.03043	0.01727	0.03800	0.00243	0.00470
AP	228											
AP	229											
AP	230											
AP	231											
AP	232											
AP	233											
AP	234											
AP	235											
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AP	247											
AP	248											
AP	249											
AP	250											
AP	251	**REVENUES AND BILLING DETERMINANTS**										
AP	252											
AP	253	Base Rate Sales Revenue	SALESREV	0.04565	0.00680	0.00000	0.15873	0.02090	0.04751	0.13374	0.01478	0.01947
AP	254											
AP	255	Residential	SREVRES	0.04509	0.00572	0.00000	0.20991	0.02033	0.05889	0.17979	0.01983	0.02160
AP	256	Residential Heating	SREVRH	0.05624	0.00746	0.00000	0.16361	0.01619	0.04587	0.14414	0.01497	0.01569
AP	257	General Service	SREVGS	0.07487	0.00679	0.00000	0.08669	0.04183	0.03875	0.05888	0.00505	0.00045
AP	258	Primary Distribution	SREVPRID	0.00000	0.00596	0.00000	0.00000	0.00337	0.03151	0.08631	0.00413	(0.00086)
AP	259	High Tension	SREVHT	0.00000	0.01232	0.00000	0.00000	0.00110	0.01652	0.03402	0.00791	(0.00166)
AP	260	Electric Propulsion	SREVEP	0.00000	0.00794	0.00000	0.00000	0.00000	0.00400	0.00954	0.00002	0.00007
AP	261	Lighting	SREVLCUST	0.02973	0.00101	0.00000	0.34853	0.00000	0.00000	0.04184	0.00175	0.32566
AP	262											
AP	263	R/RH	SREVRRH	0.04693	0.00600	0.00000	0.20226	0.01965	0.05674	0.17389	0.01903	0.02062
AP	264	GS/PD/HT	SREVGSPDHT	0.04455	0.00891	0.00000	0.05158	0.02537	0.03003	0.04979	0.00614	(0.00039)
AP	265	PD/HT	SREVPDHT	0.00000	0.01203	0.00000	0.00000	0.00120	0.01722	0.03645	0.00773	(0.00163)
AP	266											
AP	267	Claimed Rate Sales Revenue	CLAIMREV	0.03305	0.29437	0.00000	0.10562	0.01499	0.02869	0.07639	0.00828	0.01026
AP	268											
AP	269	Capital Stock	CAPSTOCK	0.07609	0.06510	0.00000	0.15039	0.04456	0.04574	0.02431	0.00230	0.01018
AP	270											
AP	271											

PECO Energy Company
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SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
AP	272	**PRESENT REVENUES/EXPENSES FROM SALES I**											
AP	273												
AP	274	Total Sales of Electricity Revenues		1.00000	1.00282	1.00000	1.00282	1.00282	1.00282	1.00282	1.00282	1.00282	1.00282
AP	275	Sales of Electricity Revenues - Distribution		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AP	276	Sales of Electricity Revenues - Nuclear Decommission		1.00000	0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	277												
AP	278												
AP	279												
AP	280	Sales of Electricity Revenues - Transmission		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AP	281												
AP	282												
AP	283												
AP	284												
AP	285												
AP	286												
AP	287												
AP	288												
AP	289												
AP	290												
AP	291												
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AP	293												
AP	294												
AP	295												
AP	296												
AP	297												
AP	298												
AP	299												
AP	300												
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**											
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**											
ADA	3												
ADA	4	**Net Write-Offs**											
ADA	5	Residential	SREVRES	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466
ADA	6	Residential Heating	SREVRH	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800
ADA	7	General Service	SREVGS	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314
ADA	8	Primary Distribution	SREVPRID	70,441	70,441	70,441	70,441	70,441	70,441	70,441	70,441	70,441	70,441
ADA	9	High Tension	SREVHT	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	16,703	16,703	16,703	16,703	16,703	16,703	16,703	16,703	16,703	16,703
ADA	12												
ADA	13												
ADA	14	Total Write-Offs	EXP_904	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802
ADA	15												
ADA	16	Total Write-Offs	EXP_904	1.00000	0.53402	0.00628	0.45970	0.00000	0.00103	0.53299	0.33579	0.14978	0.00000
ADA	17												
ADA	18	Additional Net Write-Offs at Claimed Rate	EXP_904	0	0	0	0	0	0	0	0	0	0
ADA	19												
ADA	20												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
AP	272	**PRESENT REVENUES/EXPENSES FROM SALES IN**										
AP	273											
AP	274	Total Sales of Electricity Revenues		1.00282	1.00000	1.00282	1.00282	1.00282	1.00282	1.00282	1.00282	1.00282
AP	275	Sales of Electricity Revenues - Distribution		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AP	276	Sales of Electricity Revenues - Nuclear Decommission		0.00000	1.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
AP	277											
AP	278											
AP	279											
AP	280	Sales of Electricity Revenues - Transmission		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
AP	281											
AP	282											
AP	283											
AP	284											
AP	285											
AP	286											
AP	287											
AP	288											
AP	289											
AP	290											
AP	291											
AP	292											
AP	293											
AP	294											
AP	295											
AP	296											
AP	297											
AP	298											
AP	299											
AP	300											
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**										
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**										
ADA	3											
ADA	4	**Net Write-Offs**										
ADA	5	Residential	SREVRES	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466	41,088,466
ADA	6	Residential Heating	SREVRH	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800	9,150,800
ADA	7	General Service	SREVGS	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314	3,640,314
ADA	8	Primary Distribution	SREVPRID	70,441	70,441	70,441	70,441	70,441	70,441	70,441	70,441	70,441
ADA	9	High Tension	SREVHT	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078	1,716,078
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	16,703	16,703	16,703	16,703	16,703	16,703	16,703	16,703	16,703
ADA	12											
ADA	13											
ADA	14	Total Write-Offs	EXP_904	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802	55,682,802
ADA	15											
ADA	16	Total Write-Offs	EXP_904	0.04742	0.00628	0.00000	0.18755	0.02043	0.05408	0.16137	0.01767	0.01859
ADA	17											
ADA	18	Additional Net Write-Offs at Claimed Rate	EXP_904	0	0	0	0	0	0	0	0	0
ADA	19											
ADA	20											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
ADA	21												
ADA	22	**Customer Advances for Construction**											
ADA	23	Residential	DPLTRES	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433
ADA	24	Residential Heating	DPLTRH	591,528	591,528	591,528	591,528	591,528	591,528	591,528	591,528	591,528	591,528
ADA	25	General Service	DPLTGS	952,983	952,983	952,983	952,983	952,983	952,983	952,983	952,983	952,983	952,983
ADA	26	Primary Distribution	DPLTPRID	33,840	33,840	33,840	33,840	33,840	33,840	33,840	33,840	33,840	33,840
ADA	27	High Tension	DPLTHT	677,756	677,756	677,756	677,756	677,756	677,756	677,756	677,756	677,756	677,756
ADA	28	Electric Propulsion	DPLTEP	32,813	32,813	32,813	32,813	32,813	32,813	32,813	32,813	32,813	32,813
ADA	29	Lighting	DPLTLCUST	65,507	65,507	65,507	65,507	65,507	65,507	65,507	65,507	65,507	65,507
ADA	30												
ADA	31												
ADA	32	Customer Advances for Construction	CUSTADV	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860
ADA	33												
ADA	34	Customer Advances for Construction	CUSTADV	1.00000	0.73712	0.00000	0.26288	0.00000	0.00000	0.73712	0.50890	0.22822	0.00000
ADA	35												
ADA	36												
ADA	37	**Purchase of Receivables**											
ADA	38	Residential	SREVRES	317,436	317,436	317,436	317,436	317,436	317,436	317,436	317,436	317,436	317,436
ADA	39	Residential Heating	SREVRH	80,624	80,624	80,624	80,624	80,624	80,624	80,624	80,624	80,624	80,624
ADA	40	General Service	SREVGS	320,266	320,266	320,266	320,266	320,266	320,266	320,266	320,266	320,266	320,266
ADA	41	Primary Distribution	SREVPRID	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847
ADA	42	High Tension	SREVHT	289,023	289,023	289,023	289,023	289,023	289,023	289,023	289,023	289,023	289,023
ADA	43	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0	0
ADA	44	Lighting	SREVLCUST	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248
ADA	45												
ADA	46												
ADA	47	Total POR	POR	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444
ADA	48												
ADA	49	Total POR	POR	1.00000	0.70849	0.00806	0.28345	0.00000	0.00137	0.70712	0.53374	0.13120	0.00000
ADA	50												
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**											
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**											
ADA	3												
ADA	4	**AVAILABLE**											
ADA	5	Residential	SREVRES	0	0	0	0	0	0	0	0	0	0
ADA	6	Residential Heating	SREVRH	0	0	0	0	0	0	0	0	0	0
ADA	7	General Service	SREVGS	0	0	0	0	0	0	0	0	0	0
ADA	8	Primary Distribution	SREVPRID	0	0	0	0	0	0	0	0	0	0
ADA	9	High Tension	SREVHT	0	0	0	0	0	0	0	0	0	0
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	0	0	0	0	0	0	0	0	0	0
ADA	12												
ADA	13												
ADA	14												
ADA	15	Total Available	SREVAVAIL	0	0	0	0	0	0	0	0	0	0
ADA	16												
ADA	17	Total Available	SREVAVAIL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ADA	18												
ADA	19												

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
ADA	21											
ADA	22	**Customer Advances for Construction**										
ADA	23	Residential	DPLTRES	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433	2,939,433
ADA	24	Residential Heating	DPLTRH	591,528	591,528	591,528	591,528	591,528	591,528	591,528	591,528	591,528
ADA	25	General Service	DPLTGS	952,983	952,983	952,983	952,983	952,983	952,983	952,983	952,983	952,983
ADA	26	Primary Distribution	DPLTPRID	33,840	33,840	33,840	33,840	33,840	33,840	33,840	33,840	33,840
ADA	27	High Tension	DPLTHT	677,756	677,756	677,756	677,756	677,756	677,756	677,756	677,756	677,756
ADA	28	Electric Propulsion	DPLTEP	32,813	32,813	32,813	32,813	32,813	32,813	32,813	32,813	32,813
ADA	29	Lighting	DPLTLCUST	65,507	65,507	65,507	65,507	65,507	65,507	65,507	65,507	65,507
ADA	30											
ADA	31											
ADA	32	Customer Advances for Construction	CUSTADV	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860	5,293,860
ADA	33											
ADA	34	Customer Advances for Construction	CUSTADV	0.00000	0.00000	0.00000	0.26288	0.00000	0.00000	0.00000	0.00000	0.00000
ADA	35											
ADA	36											
ADA	37	**Purchase of Receivables**										
ADA	38	Residential	SREVRES	317,436	317,436	317,436	317,436	317,436	317,436	317,436	317,436	317,436
ADA	39	Residential Heating	SREVRH	80,624	80,624	80,624	80,624	80,624	80,624	80,624	80,624	80,624
ADA	40	General Service	SREVGS	320,266	320,266	320,266	320,266	320,266	320,266	320,266	320,266	320,266
ADA	41	Primary Distribution	SREVPRID	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847	6,847
ADA	42	High Tension	SREVHT	289,023	289,023	289,023	289,023	289,023	289,023	289,023	289,023	289,023
ADA	43	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0
ADA	44	Lighting	SREVLCUST	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248
ADA	45											
ADA	46											
ADA	47	Total POR	POR	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444	1,017,444
ADA	48											
ADA	49	Total POR	POR	0.04219	0.00806	0.00000	0.10686	0.02113	0.03911	0.09642	0.01124	0.00869
ADA	50											
ADA	1	**ALLOCATED DIRECT ASSIGNMENTS**										
ADA	2	**DIRECT ASSIGN TO CLASSES W/SALES REV FUNCTIONS**										
ADA	3											
ADA	4	**AVAILABLE**										
ADA	5	Residential	SREVRES	0	0	0	0	0	0	0	0	0
ADA	6	Residential Heating	SREVRH	0	0	0	0	0	0	0	0	0
ADA	7	General Service	SREVGS	0	0	0	0	0	0	0	0	0
ADA	8	Primary Distribution	SREVPRID	0	0	0	0	0	0	0	0	0
ADA	9	High Tension	SREVHT	0	0	0	0	0	0	0	0	0
ADA	10	Electric Propulsion	SREVEP	0	0	0	0	0	0	0	0	0
ADA	11	Lighting	SREVLCUST	0	0	0	0	0	0	0	0	0
ADA	12											
ADA	13											
ADA	14											
ADA	15	Total Available	SREVAVAIL	0	0	0	0	0	0	0	0	0
ADA	16											
ADA	17	Total Available	SREVAVAIL	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ADA	18											
ADA	19											

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
ADA	20												
ADA	21												
ADA	22												
ADA	23												
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ADA	44												
ADA	45												
ADA	46												
ADA	47												
ADA	48												
ADA	49												
ADA	50												
RRW	1	**DISTRIBUTION REVENUE REQUIREMENTS**											
RRW	2												
RRW	3	PRESENT RATES											
RRW	4	----------											
RRW	5	RATE BASE		6,351,776	4,557,204	1,001	1,793,571	0	5,433	4,551,771	3,037,639	999,700	0
RRW	6	NET OPER INC (PRESENT RATES)		320,759	233,568	52	87,139	0	278	233,290	158,094	49,677	0
RRW	7	RATE OF RETURN (PRES RATES)		5.05%	5.13%	5.15%	4.86%	153.80%	5.13%	5.13%	5.20%	4.97%	149.84%
RRW	8	RELATIVE RATE OF RETURN		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
RRW	9	SALES REVENUE (PRE RATES)		1,372,001	820,554	9,324	542,123	0	1,565	818,989	559,227	197,128	0
RRW	10	REVENUE PRES RATES $/KWH		$0.0372	$0.0222	$0.0003	$0.0147	$0.0000	$0.0000	$0.0222	$0.0152	$0.0053	$0.0000
RRW	11	REVENUE REQUIRED - $/MO/CUST		$67.32	$40.26	$0.46	$26.60	$0.00	$0.08	$40.19	$27.44	$9.67	$0.00
RRW	12	SALES REV REQUIRED $/KW		$22.48	$13.44	$0.15	$8.88	$0.00	$0.03	$13.42	$9.16	$3.23	$0.00
RRW	13												
RRW	14	CLAIMED RATE OF RETURN											
RRW	15	----------											
RRW	16	CLAIMED RATE OF RETURN		7.68%	7.68%	7.68%	7.68%	49.11%	7.68%	7.68%	7.68%	7.68%	49.12%
RRW	17	RETURN REQ FOR CLAIMED ROR		487,816	349,993	77	137,746	0	417	349,576	233,291	76,777	0
RRW	18	SALES REVENUE REQ CLAIMED ROR - Distribution		1,623,059	995,541	9,332	618,185	0	1,775	993,767	672,248	237,858	0

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
ADA	20											
ADA	21											
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ADA	47											
ADA	48											
ADA	49											
ADA	50											
RRW	1	**DISTRIBUTION REVENUE REQUIREMENTS**										
RRW	2											
RRW	3	PRESENT RATES										
RRW	4	----------										
RRW	5	RATE BASE		514,431	1,001	0	1,142,943	229,757	171,488	222,443	14,745	12,195
RRW	6	NET OPER INC (PRESENT RATES)		25,519	52	0	54,797	11,483	8,229	10,510	681	1,440
RRW	7	RATE OF RETURN (PRES RATES)		4.96%	5.15%	149.35%	4.79%	5.00%	4.80%	4.72%	4.62%	11.81%
RRW	8	RELATIVE RATE OF RETURN		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
RRW	9	SALES REVENUE (PRE RATES)		62,634	9,324	0	217,782	28,670	65,185	183,487	20,283	26,716
RRW	10	REVENUE PRES RATES $/KWH		$0.0017	$0.0003	$0.0000	$0.0059	$0.0008	$0.0018	$0.0050	$0.0005	$0.0007
RRW	11	REVENUE REQUIRED - $/MO/CUST		$3.07	$0.46	$0.00	$10.69	$1.41	$3.20	$9.00	$1.00	$1.31
RRW	12	SALES REV REQUIRED $/KW		$1.03	$0.15	$0.00	$3.57	$0.47	$1.07	$3.01	$0.33	$0.44
RRW	13											
RRW	14	CLAIMED RATE OF RETURN										
RRW	15	----------										
RRW	16	CLAIMED RATE OF RETURN		7.68%	7.68%	49.04%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
RRW	17	RETURN REQ FOR CLAIMED ROR		39,508	77	0	87,778	17,645	13,170	17,084	1,132	937
RRW	18	SALES REVENUE REQ CLAIMED ROR - Distribution		83,660	9,332	0	267,353	37,933	72,612	193,367	20,962	25,959

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	TOTAL ELECTRIC DIVISION	DEMAND	ENERGY	CUSTOMER	PRODUCTION	TRANSMISSION	DISTRIBUTION	DEMDISPHT	DEMDISPRI	DEMDISSEC
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
RRW	19	REVENUE DEFICIENCY SALES REV		251,058	174,987	8	76,062	0	210	174,777	113,021	40,731	0
RRW	20	PERCENT INCREASE REQUIRED		18.30%	21.33%	0.09%	14.03%	32.62%	13.42%	21.34%	20.21%	20.66%	31.59%
RRW	21	ANNUAL BOOKED KWH SALES		36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017
RRW	22	SALES REV REQUIRED $/KWH		$0.0440	$0.0270	$0.0003	$0.0168	$0.0000	$0.0000	$0.0269	$0.0182	$0.0064	$0.0000
RRW	23	REVENUE DEFICIENCY $/KWH		$0.0068	$0.0047	$0.0000	$0.0021	$0.0000	$0.0000	$0.0047	$0.0031	$0.0011	$0.0000

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

SCH NO.	LINE NO.	DESCRIPTION	ALLOCATION BASIS	DEMDISTRAN	ENEPPOTH	CUSDISPRI	CUSDISSEC	SERVICES	METERS	CUSTACCT	CUSTSERV	CUSTOTH
		(a)	(b)	(m)	(n)	(o)	(p)	(r)	(s)	(t)	(u)	(v)
RRW	19	REVENUE DEFICIENCY SALES REV		21,026	8	0	49,571	9,263	7,427	9,879	679	(757)
RRW	20	PERCENT INCREASE REQUIRED		33.57%	0.09%	32.12%	22.76%	32.31%	11.39%	5.38%	3.35%	-2.83%
RRW	21	ANNUAL BOOKED KWH SALES		36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017	36,890,017
RRW	22	SALES REV REQUIRED $/KWH		$0.0023	$0.0003	$0.0000	$0.0072	$0.0010	$0.0020	$0.0052	$0.0006	$0.0007
RRW	23	REVENUE DEFICIENCY $/KWH		$0.0006	$0.0000	$0.0000	$0.0013	$0.0003	$0.0002	$0.0003	$0.0000	($0.0000)

PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

LINE NO.	DESCRIPTION		TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	**PRESENT RATE OF RETURN SUMMARY SCHEDULE - REVENUE REQUIREMENTS**									
2										
3	**RATE OF RETURN**		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%
4										
5	**REVENUES REQUIRED**									
6	**DEMAND COMPONENTS**	820,554	820,554	376,561	91,204	184,967	6,691	146,585	7,943	6,604
7	DEMAND PRODUCTION COMPONENT		0	0	0	0	0	0	0	0
8	DEMAND TRANSMISSION COMPONENT		1,565	712	187	348	8	293	15	1
9	DEMAND DISTRIBUTION COMPONENT	818,989	818,989	375,848	91,017	184,619	6,683	146,291	7,927	6,603
10	DEMAND DISTRIBUTION PRIMARY HT		559,227	228,954	55,392	112,164	4,502	146,291	7,927	3,997
11	DEMAND DISTRIBUTION PRIMARY		197,128	111,806	26,962	54,271	2,181	0	0	1,908
12	DEMAND DISTRIBUTION SECONDARY		0	0	0	0	0	0	0	0
13	DEMAND DISTRIBUTION TRANSFORMERS		62,634	35,088	8,663	18,185	0	0	0	698
14	**ENERGY COMPONENTS**	9,324	9,324	4,447	1,149	1,650	46	1,943	64	24
15	ENERGY PUR PWR & OTHER		9,324	4,447	1,149	1,650	46	1,943	64	24
16	**CUSTOMER COMPONENTS**	542,123	542,123	397,123	61,688	56,262	958	9,126	111	16,856
17	CUSTOMER DISTRIBUTION PRIMARY		0	0	0	0	0	0	0	0
18	CUSTOMER DISTRIBUTION SECONDARY		217,782	163,339	25,203	21,055	0	0	0	8,184
19	AVAILABLE COMPONENT		0	0	0	0	0	0	0	0
20	CUSTOMER SERVICES INVESTMENT		28,670	15,819	2,494	10,159	26	173	0	0
21	CUSTOMER METER INVESTMENT		65,185	45,828	7,066	9,411	242	2,605	32	0
22	CUSTOMER ACCOUNTS EXPENSE		183,487	139,896	22,204	14,300	664	5,363	77	982
23	CUSTOMER SERVICE EXPENSE		20,283	15,431	2,306	1,227	32	1,247	0	41
24	CUSTOMER OTHER		26,716	16,809	2,417	110	(7)	(262)	1	7,648
25	**TOTAL COMPANY**	1,372,001	1,372,001	778,131	154,042	242,879	7,694	157,654	8,118	23,483
26										
27										
28										
29										
30	Annual MWh Sales @ Meter		36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
31	Annual MW - Billed		61,041	0	0	26,178	864	32,251	1,748	0
32	Number of Customer Bills		20,380,381	15,959,674	2,362,700	1,869,774	4,896	32,273	465	150,600
33										
34	Use per Month per Customer		1.81	0.68	1.17	4.22	69.24	443.35	1,232.32	1.17
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PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

LINE NO.	DESCRIPTION		TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	**PRESENT RATE OF RETURN SUMMARY SCHEDULE - UNIT COST**									
2										
3	**RATE OF RETURN**		5.05%	4.49%	4.96%	5.91%	5.72%	5.78%	7.48%	8.65%
4										
5	**$/KWH**									
6	**DEMAND COMPONENTS**	$0.0222	$0.0222	$0.0347	$0.0331	$0.0234	$0.0197	$0.0102	$0.0139	$0.0376
7	DEMAND PRODUCTION COMPONENT		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
8	DEMAND TRANSMISSION COMPONENT		$0.0000	$0.0001	$0.0001	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
9	DEMAND DISTRIBUTION COMPONENT		$0.0222	$0.0346	$0.0330	$0.0234	$0.0197	$0.0102	$0.0138	$0.0376
10	DEMAND DISTRIBUTION PRIMARY HT		$0.0152	$0.0211	$0.0201	$0.0142	$0.0133	$0.0102	$0.0138	$0.0227
11	DEMAND DISTRIBUTION PRIMARY		$0.0053	$0.0103	$0.0098	$0.0069	$0.0064	$0.0000	$0.0000	$0.0109
12	DEMAND DISTRIBUTION SECONDARY		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
14	DEMAND DISTRIBUTION TRANSFORMERS		$0.0017	$0.0032	$0.0031	$0.0023	$0.0000	$0.0000	$0.0000	$0.0040
13	**ENERGY COMPONENTS**	$0.0003	$0.0003	$0.0004	$0.0004	$0.0002	$0.0001	$0.0001	$0.0001	$0.0001
15	ENERGY PUR PWR & OTHER		$0.0003	$0.0004	$0.0004	$0.0002	$0.0001	$0.0001	$0.0001	$0.0001
16	**CUSTOMER COMPONENTS**	$0.0147	$0.0147	$0.0366	$0.0224	$0.0071	$0.0028	$0.0006	$0.0002	$0.0959
17	CUSTOMER DISTRIBUTION PRIMARY		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
18	CUSTOMER DISTRIBUTION SECONDARY		$0.0059	$0.0151	$0.0091	$0.0027	$0.0000	$0.0000	$0.0000	$0.0466
19	AVAILABLE COMPONENT		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
20	CUSTOMER SERVICES INVESTMENT		$0.0008	$0.0015	$0.0009	$0.0013	$0.0001	$0.0000	$0.0000	$0.0000
21	CUSTOMER METER INVESTMENT		$0.0018	$0.0042	$0.0026	$0.0012	$0.0007	$0.0002	$0.0001	$0.0000
22	CUSTOMER ACCOUNTS EXPENSE		$0.0050	$0.0129	$0.0081	$0.0018	$0.0020	$0.0004	$0.0001	$0.0056
23	CUSTOMER SERVICE EXPENSE		$0.0005	$0.0014	$0.0008	$0.0002	$0.0001	$0.0001	$0.0000	$0.0002
24	CUSTOMER OTHER		$0.0007	$0.0015	$0.0009	$0.0000	($0.0000)	($0.0000)	$0.0000	$0.0435
25	**TOTAL COMPANY**	$0.0372	$0.0372	$0.0717	$0.0559	$0.0308	$0.0227	$0.0110	$0.0142	$0.1336
26										
27	**$/KW**									
28	**DEMAND COMPONENTS**	$13.44	$13.44	$0.00	$0.00	$7.07	$7.74	$4.55	$4.54	$0.00
29	DEMAND PRODUCTION COMPONENT		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
30	DEMAND TRANSMISSION COMPONENT		$0.03	$0.00	$0.00	$0.01	$0.01	$0.01	$0.01	$0.00
31	DEMAND DISTRIBUTION COMPONENT		$13.42	$0.00	$0.00	$7.05	$7.73	$4.54	$4.54	$0.00
32	DEMAND DISTRIBUTION PRIMARY HT		$9.16	$0.00	$0.00	$4.28	$5.21	$4.54	$4.54	$0.00
33	DEMAND DISTRIBUTION PRIMARY		$3.23	$0.00	$0.00	$2.07	$2.52	$0.00	$0.00	$0.00
34	DEMAND DISTRIBUTION SECONDARY		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
35										
36	**$/MONTH/CUSTOMER**									
37	**CUSTOMER COMPONENTS**	$26.60	$26.60	$24.88	$26.11	$30.09	$195.60	$282.77	$237.87	$111.92
38	CUSTOMER DISTRIBUTION PRIMARY		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
39	CUSTOMER DISTRIBUTION SECONDARY		$10.69	$10.23	$10.67	$11.26	$0.00	$0.00	$0.00	$54.35
40	AVAILABLE COMPONENT		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
41	CUSTOMER SERVICES INVESTMENT		$1.41	$0.99	$1.06	$5.43	$5.30	$5.36	$0.00	$0.00
42	CUSTOMER METER INVESTMENT		$3.20	$2.87	$2.99	$5.03	$49.52	$80.71	$69.86	$0.00
43	CUSTOMER ACCOUNTS EXPENSE		$9.00	$8.77	$9.40	$7.65	$135.64	$166.19	$166.61	$6.52
44	CUSTOMER SERVICE EXPENSE		$1.00	$0.97	$0.98	$0.66	$6.49	$38.64	$0.27	$0.27
45	CUSTOMER OTHER		$1.31	$1.05	$1.02	$0.06	($1.35)	($8.12)	$1.14	$50.78
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PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

LINE NO.	DESCRIPTION		TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	**CLAIMED RATE OF RETURN SUMMARY SCHEDULE - REVENUE REQUIREMENTS**									
2										
3	**RATE OF RETURN**		7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
4										
5	**REVENUES REQUIRED**									
6	**DEMAND COMPONENTS**	995,541	995,541	481,893	112,062	211,038	7,702	168,608	8,054	6,185
7	DEMAND PRODUCTION COMPONENT		0	0	0	0	0	0	0	0
8	DEMAND TRANSMISSION COMPONENT		1,775	834	213	380	9	323	16	1
9	DEMAND DISTRIBUTION COMPONENT		993,767	481,059	111,849	210,658	7,693	168,285	8,038	6,184
10	DEMAND DISTRIBUTION PRIMARY HT		672,248	291,538	67,784	127,655	5,200	168,285	8,038	3,747
11	DEMAND DISTRIBUTION PRIMARY		237,858	139,841	32,513	61,213	2,493	0	0	1,797
12	DEMAND DISTRIBUTION SECONDARY		0	0	0	0	0	0	0	0
14	DEMAND DISTRIBUTION TRANSFORMERS		83,660	49,679	11,552	21,789	0	0	0	640
13	**ENERGY COMPONENTS**	9,332	9,332	4,450	1,149	1,651	46	1,948	64	24
15	ENERGY PUR PWR & OTHER		9,332	4,450	1,149	1,651	46	1,948	64	24
16	**CUSTOMER COMPONENTS**	618,185	618,185	460,433	69,730	61,543	1,002	9,452	111	15,915
17	CUSTOMER DISTRIBUTION PRIMARY		0	0	0	0	0	0	0	0
18	CUSTOMER DISTRIBUTION SECONDARY		267,353	205,329	30,518	23,809	0	0	0	7,696
19	AVAILABLE COMPONENT		0	0	0	0	0	0	0	0
20	CUSTOMER SERVICES INVESTMENT		37,933	22,250	3,307	12,134	32	210	0	0
21	CUSTOMER METER INVESTMENT		72,612	51,645	7,816	10,057	261	2,799	33	0
22	CUSTOMER ACCOUNTS EXPENSE		193,367	148,012	23,296	14,768	688	5,558	78	966
23	CUSTOMER SERVICE EXPENSE		20,962	16,018	2,380	1,239	32	1,253	0	41
24	CUSTOMER OTHER		25,959	17,179	2,412	(465)	(11)	(368)	1	7,211
25	**TOTAL COMPANY**	1,623,059	1,623,059	946,776	182,941	274,231	8,750	180,008	8,229	22,123
26										
27										0
28										
29										
30	Annual MWh Sales @ Meter		36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
31	Annual MW - Billed		61,041	0	0	26,178	864	32,251	1,748	0
32	Number of Customer Bills		20,380,381	15,959,674	2,362,700	1,869,774	4,896	32,273	465	150,600
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PECO Energy Company
Electric Class Cost of Service Study ($000)
For Future Test Year Ended December 31, 2022

LINE NO.	DESCRIPTION		TOTAL ELECTRIC DIVISION	RESIDENTIAL	RESIDENTIAL HEATING	GENERAL SERVICE	PRIMARY DISTRIBUTION	HIGH TENSION	ELECTRIC PROPULSION	LIGHTING
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	**CLAIMED RATE OF RETURN SUMMARY SCHEDULE - UNIT COSTS**									
2										
3	**RATE OF RETURN**		7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%	7.68%
4										
5	**$/KWH**									
6	**DEMAND COMPONENTS**	$0.0270	$0.0270	$0.0444	$0.0407	$0.0267	$0.0227	$0.0118	$0.0141	$0.0352
7	DEMAND PRODUCTION COMPONENT		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
8	DEMAND TRANSMISSION COMPONENT		$0.0000	$0.0001	$0.0001	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
9	DEMAND DISTRIBUTION COMPONENT		$0.0269	$0.0443	$0.0406	$0.0267	$0.0227	$0.0118	$0.0140	$0.0352
10	DEMAND DISTRIBUTION PRIMARY HT		$0.0182	$0.0269	$0.0246	$0.0162	$0.0153	$0.0118	$0.0140	$0.0213
11	DEMAND DISTRIBUTION PRIMARY		$0.0064	$0.0129	$0.0118	$0.0078	$0.0074	$0.0000	$0.0000	$0.0102
12	DEMAND DISTRIBUTION SECONDARY		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
14	DEMAND DISTRIBUTION TRANSFORMERS		$0.0023	$0.0046	$0.0042	$0.0028	$0.0000	$0.0000	$0.0000	$0.0036
13	**ENERGY COMPONENTS**	$0.0003	$0.0003	$0.0004	$0.0004	$0.0002	$0.0001	$0.0001	$0.0001	$0.0001
15	ENERGY PUR PWR & OTHER		$0.0003	$0.0004	$0.0004	$0.0002	$0.0001	$0.0001	$0.0001	$0.0001
16	**CUSTOMER COMPONENTS**	$0.0168	$0.0168	$0.0424	$0.0253	$0.0078	$0.0030	$0.0007	$0.0002	$0.0906
17	CUSTOMER DISTRIBUTION PRIMARY		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
18	CUSTOMER DISTRIBUTION SECONDARY		$0.0072	$0.0189	$0.0111	$0.0030	$0.0000	$0.0000	$0.0000	$0.0438
19	AVAILABLE COMPONENT		$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
20	CUSTOMER SERVICES INVESTMENT		$0.0010	$0.0021	$0.0012	$0.0015	$0.0001	$0.0000	$0.0000	$0.0000
21	CUSTOMER METER INVESTMENT		$0.0020	$0.0048	$0.0028	$0.0013	$0.0008	$0.0002	$0.0001	$0.0000
22	CUSTOMER ACCOUNTS EXPENSE		$0.0052	$0.0136	$0.0085	$0.0019	$0.0020	$0.0004	$0.0001	$0.0055
23	CUSTOMER SERVICE EXPENSE		$0.0006	$0.0015	$0.0009	$0.0002	$0.0001	$0.0001	$0.0000	$0.0002
24	CUSTOMER OTHER		$0.0007	$0.0016	$0.0009	($0.0001)	($0.0000)	($0.0000)	$0.0000	$0.0410
25	**TOTAL COMPANY**	$0.0440	$0.0440	$0.0873	$0.0664	$0.0347	$0.0258	$0.0126	$0.0144	$0.1259
26										
27	**$/KW**									
28	**DEMAND COMPONENTS**	$16.31	$16.31	$0.00	$0.00	$8.06	$8.91	$5.23	$4.61	$0.00
29	DEMAND PRODUCTION COMPONENT		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
30	DEMAND TRANSMISSION COMPONENT		$0.03	$0.00	$0.00	$0.01	$0.01	$0.01	$0.01	$0.00
31	DEMAND DISTRIBUTION COMPONENT		$16.28	$0.00	$0.00	$8.05	$8.90	$5.22	$4.60	$0.00
32	DEMAND DISTRIBUTION PRIMARY HT		$11.01	$0.00	$0.00	$4.88	$6.02	$5.22	$4.60	$0.00
33	DEMAND DISTRIBUTION PRIMARY		$3.90	$0.00	$0.00	$2.34	$2.88	$0.00	$0.00	$0.00
34	DEMAND DISTRIBUTION SECONDARY		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
35										
36	**$/MONTH/CUSTOMER**									
37	**CUSTOMER COMPONENTS**	$30.33	$30.33	$28.85	$29.51	$32.91	$204.65	$292.89	$238.98	$105.67
38	CUSTOMER DISTRIBUTION PRIMARY		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
39	CUSTOMER DISTRIBUTION SECONDARY		$13.12	$12.87	$12.92	$12.73	$0.00	$0.00	$0.00	$51.11
40	AVAILABLE COMPONENT		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
41	CUSTOMER SERVICES INVESTMENT		$1.86	$1.39	$1.40	$6.49	$6.47	$6.49	$0.00	$0.00
42	CUSTOMER METER INVESTMENT		$3.56	$3.24	$3.31	$5.38	$53.29	$86.73	$70.36	$0.00
43	CUSTOMER ACCOUNTS EXPENSE		$9.49	$9.27	$9.86	$7.90	$140.60	$172.23	$167.20	$6.42
44	CUSTOMER SERVICE EXPENSE		$1.03	$1.00	$1.01	$0.66	$6.52	$38.82	$0.27	$0.27
45	CUSTOMER OTHER		$1.27	$1.08	$1.02	($0.25)	($2.23)	($11.39)	$1.14	$47.88
46										
47										
48										
49										
50										

Customer-Related Revenue Requirement and Customer Charge

Line	Description	Residential	Residential Heating	Total Residential	General Service	Primary Distribution	High Tension
1	Customer Services Investment($000)	$ 22,250	$ 3,307	$ 25,557	$ 12,134	$ 32	$ 210
2	Customer Meter Investment($000)	51,645	7,816	59,462	10,057	261	2,799
3	Customer Accounts($000)	148,012	23,296	171,308	14,768	688	5,558
4	Customer Services($000)	16,018	2,380	18,398	1,239	32	1,253
5	Total Revenue Requirement($000)	$ 237,925	$ 36,800	$ 274,725	$ 38,199	$ 1,013	$ 9,820
6	Number of Customer Bills	15,959,674	2,362,700	18,322,374	1,869,774	4,896	32,273
7	$/Month/Customer (Line 5/Line 6*1000)	$ 14.91	$ 15.58	$ 14.99	$ 20.43	$ 206.88	$ 304.27

Notes:
1) Above costs included allocated payroll, administrative, pension and benefits and working capital supporting general plant.
2) Line 1 through line 4 from PECO Exhibit TJJ-4, page 3, lines 20 to 23.

Night Service Rider

Line	Description	FERC Account	Lines @ PECO Exhibits TJJ-2 and TJJ-3	GS Amount	GS Ratio	PD Amount	PD Ratio	HT Amount	HT Ratio	EP Amount	EP Ratio
1	NS Related Distribution Plant	365,367,368	RBP25,26,35,36,39	$ 760,355	47%	$ 22,823	49%	$ 459,953	43%	$ 22,268	44%
2	Total Distribution Plant		RBP45	$ 1,631,014		$ 46,814		$ 1,057,995		$ 50,596	
3	NS Related Distribution O&M	593,594	E32, 33	$ 41,117	60%	$ 1,452	63%	$ 26,838	58%	$ 1,299	58%
4	Total Distribution Plant O&M Less A&G		E40	$ 68,797		$ 2,289		$ 46,414		$ 2,232	
5	Customer Accounts O&M	901-910,912,916	E59,67,69	$ 10,397		$ 392		$ 4,850		$ 36	
6	Total Dist. O&M + Customer Account			$ 79,194	52%	$ 2,681	54%	$ 51,265	52%	$ 2,268	57%
7	Total Distribution Revenue @ 7.68%		S69	$ 274,231		$ 8,750		$ 180,008		$ 8,229	
8	Total Distribution Operation Expense Less Depr Less Fed/State Taxes		S57,59,60	$ 126,693		$ 4,296		$ 83,417		$ 3,691	
9	NS Related Operation Expense			$ 65,778		$ 2,327		$ 43,670		$ 2,114	
10	Capital Related Costs @ 7.68%			$ 147,538		$ 4,454		$ 96,591		$ 4,538	
11	NS Related Capital Cost @ 7.68%			$ 68,780		$ 2,172		$ 41,992		$ 1,997	
12	NS Related Capital Plus Expense			$ 134,558		$ 4,499		$ 85,662		$ 4,112	
13	NCP Demand (MW)		AF21	1,749,730		71,520		2,304,905		111,591	
14	Monthly NS Cost ($/kW)			$ 6.41		$ 5.24		$ 3.10		$ 3.07	

Table of External Allocators

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External Allocator Values by Class

Schedule-1

Line	Units	Allocator Names	Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	MWh	Energy @ Meter	36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
2	MWh	Energy @ Generation	39,743,460	11,965,464	3,039,055	8,705,485	367,487	14,876,348	595,777	193,844
3	MWh	Energy @ Generation-CI	23,949,319			8,705,485	367,487	14,876,348		
4	MW	Demand Transmission (1CP)	8,147,905	3,936,848	573,449	1,483,729	61,105	1,997,280	89,696	5,798
5	MW	Demand Distribution Primary High Tension (NCP)	9,161,816	3,955,972	916,127	1,749,730	71,520	2,304,905	111,591	51,972
6	MW	Demand Distribution Primary (NCP)	6,745,320	3,955,972	916,127	1,749,730	71,520	-	-	51,972
7	MW	Demand Distribution Secondary (NCP)	6,673,800	3,955,972	916,127	1,749,730	-	-	-	51,972
8	KW	Billed Capacity	61,040,614	0	0	26,177,512	864,424	32,251,050	1,747,629	0
9	#	Bills	20,380,381	15,959,674	2,362,700	1,869,774	4,896	32,273	465	150,600
10	#	Customers	1,698,365	1,329,973	196,892	155,814	408	2,689	39	12,550
11	#	Customers-CI	3,097				408	2,689		
12	#	Customers-Res	1,526,864	1,329,973	196,892					
13	#	Customers-Excl Ind	1,682,679	1,329,973	196,892	155,814				
14	#	Location Secondary	1,733,649	1,329,973	196,892	155,814				50,970
15	$000	Services Cost	6,315,528	3,695,448	547,081	2,032,593	5,322	35,083	-	-
16	$000	Meters Cost	325,535	231,120	34,845	45,563	1,186	12,670	150	-
17	$000	Purchased Power	741,120	463,184	119,806	110,388	1,092	46,087	-	564
18	$000	Write-Offs	55,683	41,088	9,151	3,640	70	1,716	-	17
19	%	Customer Records and Collection Expenses (Acct903)	100.00%	76.36%	12.01%	7.65%	0.38%	3.06%	0.04%	0.50%
20	%	Customer Assistance Expenses (Acct908)	100.00%	84.63%	12.53%	2.25%	0.01%	0.41%	0.00%	0.16%
21	%	Demonstrating and Selling Expense / Miscellaneous Sales Expense (Accts 912/916)	100.00%	0.00%	0.00%	36.35%	1.53%	62.12%	0.00%	0.00%
22	%	AR Over60-Day	100.00%	75.07%	14.86%	5.32%	0.21%	4.32%	0.22%	0.00%
23	%	Customer Deposit	100.00%	34.82%	7.75%	49.59%	0.31%	7.52%	0.00%	0.00%
24	%	Purchase of Receivables	100.00%	31.20%	7.92%	31.48%	0.67%	28.41%	0.00%	0.32%
25	%	Lighting	100.00%							100%

External Allocator Values by Function

Schedule-2

Line	Accounts/Functional Allocation Factors	Total	Primary-HT	Primary	Secondary
1	Overhead Conductors & Devices (Acct 365)	100.00%	45.22%	26.95%	27.83%
2	Underground Conductors & Devices (Acct 367)	100.00%	58.63%	17.19%	24.19%
3					

Schedule-3

Conductors - Functional
As of December 31, 1999

Line	Account By Region	Total Conductor Miles	Total Cost	Primary Cost	Secondary Cost
	Overhead Conductors and Devices- Acct 365				
1	North Philadelphia	11,738	$39,304,750	$18,109,116	$21,195,635
2	South Philadelphia	4,822	17,960,601	8,892,979	9,067,622
3	Chester	9,937	48,937,047	40,674,940	8,262,107
4	Montgomery	15,183	60,943,742	48,523,974	12,419,768
5	Bucks / some Montgomery	9,938	44,172,132	35,838,311	8,333,822
6	Delaware / some Chester	9,672	48,937,814	35,732,133	13,205,681
7	York	1,441	4,703,314	3,461,050	1,242,265
8	Total	62,731	$264,959,401	$191,232,501	$73,726,900
9					
10	Cost		100.0%	72.2%	27.8%
11					
12					
13	**Underground Conductors- Acct 367**				
14	North Philadelphia	4,497	$118,821,520	$103,051,929	$15,769,591
15	South Philadelphia	2,878	61,118,575	46,100,768	15,017,807
16	Chester	3,807	54,670,691	38,932,557	15,738,135
17	Montgomery	3,173	52,252,889	36,357,564	15,895,325
18	Bucks / some Montgomery	3,954	57,940,433	40,152,597	17,787,836
19	Delaware / some Chester	2,322	29,301,818	19,034,169	10,267,649
20	York	10	113,033	70,567	42,466
21	Total	20,640	$374,218,959	$283,700,149	$90,518,810
22					
23	Cost		100.0%	75.8%	24.2%
24					

Schedule-4

Conductors - Primary
As of November 30, 2020

Line	System Voltage	Class	Overhead Conductor Wire_Miles	Underground Conductor Wire_Miles
1	2.4	Primary	126	224
2	4	Primary	10,898	3,453
3	13	HT	9,189	7,722
4	34	HT	9,311	4,824
5			29,524	16,224
6				
7		Primary	11,024	3,678
8		HT	18,500	12,546
9			29,524	16,224
10				
11		Primary	37.3%	22.7%
12		HT	62.7%	77.3%
13			100.0%	100.0%
14				

Service Costs

Schedule-5

Line	Rate Class	Customer Numbers	Average Services Cost	Total Services Cost	Ratio
1	Residential	1,329,973	$ 2,779	$ 3,695,448,458	58.5%
2	Residential Heating	196,892	$ 2,779	$ 547,081,070	8.7%
3	General Service	155,814	$ 13,045	$ 2,032,592,528	32.2%
4	Primary Distribution	408	$ 13,045	$ 5,322,341	0.1%
5	High Tension	2,689	$ 13,045	$ 35,083,317	0.6%
6	Electric Propulsion	39			
7	Lighting	12,550			
8		1,698,365		$ 6,315,527,714	100%

Meter Costs

Schedule-6

Line	Rate Class	Average Cost (b)
1	Residential	$ 174
2	Residential Heating	$ 177
3	General Service	$ 292
4	Primary Distribution	$ 2,908
5	High Tension	$ 4,711
6	Electric Propulsion	$ 3,878
7	Lighting	
8	Total	

Customer Deposits

Schedule-7

Thirteen Months Ended December 31, 2020

Line	Activity	Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	Customer Deposit	100.0%	34.8%	7.8%	49.6%	0.3%	7.5%	0.0%	0.0%
2		100.0%	34.8%	7.8%	49.6%	0.3%	7.5%	0.0%	0.0%

Schedule-8

Customer Records and Collection Expenses (Account 903)
For Year 2019

Line	Activity	Total	Allocator	Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	Billing	14,971,484	Bills	14,971,484	11,724,020	1,735,646	1,373,541	3,597	23,708	342	110,631
2	CAP Rates	2,665,663	Customers-Res	2,665,663	2,321,921	343,742	-	-	-	-	-
3	Recoveries	6,035,654	AR Over60-Day	6,035,654	4,530,933	896,962	320,993	12,720	260,627	13,420	-
4	Call Center	15,471,852	Customers	15,471,852	12,115,853	1,793,653	1,419,446	3,717	24,500	353	114,329
5	C&MS	11,839,747	Customers	11,839,747	9,271,588	1,372,583	1,086,223	2,844	18,749	270	87,489
6	ESO Activities	1,677,288	Customers-CI	1,677,288	-	-	-	220,937	1,456,351	-	-
7	Financial Calls	6,796,372	AR Over60-Day	6,796,372	5,102,000	1,010,013	361,450	14,323	293,476	15,111	-
8	Low Income	1,592,661	Customers-Res	1,592,661	1,387,284	205,376	-	-	-	-	-
9	Field Vendor	3,203,132	Customers	3,203,132	2,508,341	371,339	293,868	769	5,072	73	23,669
10	Care Center	3,248,416	Customers-Excl Ind	3,248,416	2,567,516	380,100	300,800	-	-	-	-
11	Other	630,028	Customers	630,028	493,369	73,039	57,801	151	998	14	4,656
12		68,132,297		68,132,297	52,022,826	8,182,453	5,214,122	259,058	2,083,481	29,583	340,774
13	**Acct903 Allocator**			**100.00%**	**76.36%**	**12.01%**	**7.65%**	**0.38%**	**3.06%**	**0.04%**	**0.50%**

Schedule-9

Customer Assistance Expenses (Account 908)
For Year 2019

Line	Activity	Total	Allocator	Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	Residential Marketing	913,930	Customers-Res	913,930	796,077	117,853	-	-	-	-	-
2	C&I Marketing	71,331	Energy @ Generation-CI	71,331	-	-	25,929	1,095	44,308	-	-
3	Marketing - General	2,508,484	Customers	2,508,484	1,964,369	290,809	230,138	603	3,972	57	18,536
4	LIURP	8,151,926	Customers-Res	8,151,926	7,100,722	1,051,204	-	-	-	-	-
5	Other	80,129	Customers	80,129	62,748	9,289	7,351	19	127	2	592
6		11,725,800		11,725,800	9,923,916	1,469,155	263,418	1,716	48,407	59	19,128
7	**Acct908 Allocator**			**100.00%**	**84.63%**	**12.53%**	**2.25%**	**0.01%**	**0.41%**	**0.00%**	**0.16%**

Schedule-10

Demonstrating and Selling Expense / Miscellaneous Sales Expense
For Year 2019

Line	Activity	Total	Allocator	Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	C&I Expense	709,150	Energy @ Generation-CI	709,150	-	-	257,773	10,881	440,496	-	-
2		709,150		709,150	-	-	257,773	10,881	440,496	-	-
3	**Acct912 and 916 Allocator**			**100.00%**	**0.00%**	**0.00%**	**36.35%**	**1.53%**	**62.12%**	**0.00%**	**0.00%**

Write-Offs

Schedule-11 **Net Write-Offs from 2018 to 2020**

Line	Rate Class	Net Write-Offs
1	Residential	$ 41,088,466
2	Residential Heating	9,150,800
3	General Service	3,640,314
4	Primary Distribution	70,441
5	High Tension	1,716,078
6	Electric Propulsion	-
7	Lighting	16,703
8		$ 55,682,802

Schedule-12

Accounts Receivable Over 60-Day
January 2019 to December 2019

	Rate Class	Average Over 60-Day	Over 60-Day Allocator	Residential	% Residential Revenue	LC&I Revenue	% LC&I Revenue
1	Residential	$ 47,454,195	75.1%	$ 778,130,690	83.5%		
2	Residential Heating	9,394,226	14.9%	154,041,920	16.5%		
3	General Service	3,361,881	5.3%				
4	Primary Distribution	133,219	0.2%			$ 7,694,222	4.4%
5	High Tension	2,729,645	4.3%			157,653,660	90.9%
6	Electric Propulsion	140,550	0.2%			8,117,629	4.7%
7	Lighting	0	0.0%				
8	**Total**	$ 63,213,716	100.0%	$ 932,172,611	100.0%	$ 173,465,511	100.0%

Purchase of Receivables
For Test Year 2022

Schedule-13

Line		Total	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	Sales (MWh)	36,890,017	10,847,126	2,755,013	7,891,837	338,978	14,308,308	573,028	175,727
2	% R and RH		79.7%	20.3%					
3	% PD and HT					2.3%	97.7%		
4	Total Amount ($)	$1,017,443,627	317,436,044	80,624,162	320,265,743	6,847,240	289,022,539	-	3,247,900
5	**POR Allocator**	**100%**	**31.20%**	**7.92%**	**31.48%**	**0.67%**	**28.41%**	**0.00%**	**0.32%**

Demand Allocator

Schedule-14

October 2019 to September 2020

Line	Demand Allocator	Total MWs	Residential	Residential Heating	General Service	Primary Distribution	High Tension	Electric Propulsion	Lighting
1	1CP	8,147,905	3,936,848	573,449	1,483,729	61,105	1,997,280	89,696	5,798
2	NCP- Primary HT	9,161,816	3,955,972	916,127	1,749,730	71,520	2,304,905	111,591	51,972
3	NCP- Primary	6,745,320	3,955,972	916,127	1,749,730	71,520	-	-	51,972
4	NCP- Secondary	6,673,800	3,955,972	916,127	1,749,730	-	-	-	51,972
5									

Energy Allocator
Schedule-15 FPFTY 2022

Line	Rate Class	Function	MWh Deliveries at Meter	MWh Deliveries at Generation
1	Residential	Secondary	10,847,126	11,965,464
2	Residential Heating	Secondary	2,755,013	3,039,055
3	General Service	Secondary	7,891,837	8,705,485
4	Primary Distribution	Primary	338,978	367,487
5	High Tension	HT	14,308,308	14,876,348
6	Electric Propulsion	HT	573,028	595,777
7	Lighting	Secondary	175,727	193,844
8	**Total**		36,890,017	39,743,460

PECO Energy Company
Estimated Cash Working Capital Rate for the GSA
To be Effective January 1, 2022
('000s)

1	CWC Rate Base Allocated to Purchased Power[(1)]	$	24,301
2	Rate of Return[(2)]		7.680%
3	Return on CWC Rate Base	$	1,866
4	Income Taxes on Equity portion of Return[(3)]	$	578
5	Gross Receipts Tax @ 5.9%	$	153
6	Total Revenue Requirement	$	2,597
7	Default Service Sales (MWH)		12,469,047
8	Estimated Rate per kWh	$	0.00021

Notes:
1 PECO Exhibit TJJ-1, Line 34
2 PECO Exhibit MJT-1, Schedule 1
3 PECO Exhibit TJJ-1, Line 80

PECO Energy Company
Estimated Cash Working Capital Rate for the TSC
To be Effective January 1, 2022
('000s)

1	CWC Rate Base Allocated to Transmission TSC [1]	$	9,820
2	Rate of Return[2]		7.68%
3	Return on CWC Rate Base	$	754
4	Income Taxes on Equity portion of Return[3]	$	233
5	Gross Receipts Tax @ 5.9%	$	62
6	Total Revenue Requirement	$	1,049
7	Default Service Peak Forecast (MW)		3,779
8	Estimated Rate per MW-year	$	278

Notes:
1 PECO Exhibit TJJ-1, Line 43
2 PECO Exhibit MJT-1, Schedule 1
3 PECO Exhibit TJJ-1, Line 92

PECO ENERGY COMPANY
STATEMENT NO. 7

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: JOSEPH A. BISTI

SUBJECT: REVENUE ALLOCATION; RATE DESIGN;
DEVELOPMENT OF PROPOSED NEW RATES

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
JOSEPH A. BISTI

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your full name and business address.

A. My name is Joseph A. Bisti. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, Pennsylvania 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as a Principal Regulatory and Rates Specialist. I am responsible for tariff administration, financial analysis, project management, and regulatory affairs relating to PECO's gas and electric operations.

3. Q. Please describe your educational background and professional experience.

A. I received a Bachelor of Science in Economics from The College of New Jersey in 2000, a Master of Science in Training and Organizational Development from Saint Joseph's University in 2009, and a Graduate Certificate in Utility Management from Willamette University in 2012. In 2015, I earned a certification as a Project Management Institute Professional in Business Analysis. In February of 2019, I was promoted to my current position within Regulatory Policy and Strategy. Prior to that, I served as a Senior Rate Administrator at PECO for approximately three years and a Senior Analyst in PECO's Energy Acquisition department for approximately nine years.

4. Q. Have you previously submitted testimony in proceedings before the Commission?

A. Yes. I have submitted testimony on behalf of the Company in the following proceedings before the Commission:

Docket No. R-2020-3018929 – *Pa. P.U.C. v. PECO Energy Company*

Docket No. P-2020-3019290 – *Petition of PECO Energy Company for Approval of its Default Service Program For the Period From June 1, 2020 Through May 31, 2025*

Docket Nos. C-2008-2058320 and C-2009-2089694 – *Rama Construction Inc. T/A Ramada Inn Int'l Airport v. PECO Energy Company*

Docket Nos. M-2018-3005860 et al. – *Office of Consumer Advocate v. PECO Energy Company*

5. Q. What is the purpose of your testimony?

A. The purpose of my testimony is to describe: (1) how PECO proposes to allocate its claimed revenue increase among rate classes and explain the principles that guided PECO in developing its proposed revenue allocation; and (2) the changes PECO is proposing in the rate design for certain rate classes, why PECO is proposing these changes, and how the proposed new rates were developed. As part of that discussion, I will also describe changes to existing rates and riders that PECO is proposing.

6. Q. Please identify the exhibits you are sponsoring.

A. I am sponsoring the following exhibits:

Exhibit JAB-1	Proposed Revenue Allocation, Proposed Increases by Class and Class Rates of Return and Relative Rates of Return under Proposed Rates

Exhibit JAB-2	PECO Energy Company Tariff Electric-Pa. P.U.C. No. 7 (Blacklined to Show Changes)
Exhibit JAB-3	Comparison of Residential Customer Charges for Pennsylvania Electric Distribution Utilities
Exhibit JAB-4	Proof of Revenue at Present and Proposed Rates

II. REVENUE ALLOCATION

7. Q. Please state the principles that guided PECO in developing its proposed revenue allocation.

A. The proposed revenue allocation reflects a reasonable balance of accepted principles for designing utility rates. Specifically, PECO considered the following principles in developing its proposed revenue allocation:

1. The results of the class cost-of-service study ("COSS") prepared by Ms. Tamara Jamison and discussed in PECO Statement No. 6 should be used as a guide in allocating the proposed revenue increase among rate classes by moving all rate classes closer to their cost of service; and

2. Customer impacts should be considered, and PECO should attempt to avoid increases in revenue for major rate classes that, on a percentage basis, are disproportionate relative to the system average increase.

8. Q. Has an exhibit been prepared showing the cost of service by rate class?

A. Yes, a summary of class cost-of-service data is provided in PECO Exhibit TJJ-1, sponsored by Ms. Jamison, and accompanies her direct testimony (PECO Statement No. 6). PECO Exhibit TJJ-1 shows, at page 1, line 25, the overall and class rates of return produced by the Company's current electric distribution base rates based on its supporting data for the twelve months ending December 31, 2022, which is the Fully Projected Future Test Year ("FPFTY") in this case.

PECO Exhibit TJJ-1 also shows, at page 2, lines 84-85, the increase or decrease (in dollars and as a percentage of class electric distribution revenues under current rates, respectively) that each rate class would have to receive in order for its revenues to equal its indicated class cost of service. As indicated by the guiding principles I summarized above, while the results of the Company's COSS are an important guide in evaluating its proposed revenue allocation, they are not the only factor that must be considered.

9. Q. Please discuss the principle of gradualism and how it influenced PECO's proposed revenue allocation.

A. The ratemaking principle of gradualism, as traditionally applied in Pennsylvania, guides utilities to avoid abruptly increasing rates in favor of slower adjustments that incrementally move rates toward the actual cost of service over time. PECO's proposed revenue allocation in this case attempts to balance gradualism and other ratemaking principles, while limiting the degree to which rates for classes diverge from their indicated cost of service.

10. Q. What is the revenue allocation that PECO determined to be appropriate in this case?

A. PECO's proposed revenue allocation is presented in PECO Exhibit JAB-1.

11. Q. Why is the proposed revenue allocation reasonable?

A. The proposed revenue allocation in PECO Exhibit JAB-1 is reasonable because it appropriately reflects the principles I discussed previously. Using the COSS

discussed by Ms. Jamison as a guide, the Company developed the proposed rates to make meaningful movement toward cost of service, as evidenced by the relative rates of return.

12. Q. Please explain the significance of the relative rates of return shown in PECO Exhibit JAB-1 to which you previously referred.

A. The relative rate of return is the ratio of the rate of return for a rate class to the system average rate of return. Relative rates of return are commonly used to test whether a proposed revenue allocation moves each rate class closer to, or at least no further from, the system average rate of return. A relative rate of return of 1.00 would mean the class rate of return equals the system average rate of return and, therefore, class revenues equal the class cost of service. Conversely, relative rates of return that depart from 1.00 indicate that the class rates of return are higher or lower than the system average rate of return and, therefore, the classes are providing revenues higher or lower than their indicated cost of service.

III. RATE DESIGN

13. Q. Explain in general how PECO proposes to change the charges within each rate schedule to recover the revenue allocated to each rate class.

A. PECO proposes to increase or decrease each of the charges within each rate schedule in proportion to the revenue increase or decrease allocated to that rate class, subject to certain rate design changes, discussed below. PECO Exhibit JAB-2 is a copy of the Company's Tariff Electric-Pa. P.U.C. No. 7 ("Tariff No. 7") that shows, by strike-out and blacklining, the proposed rate changes I discuss

below, as well as the proposed changes in rules, regulations, rate schedules and riders discussed by Mr. Schlesinger in PECO Statement No. 8. Tariff No. 7 is being filed with the Secretary of the Pennsylvania Public Utility Commission ("PUC" or the "Commission") as part of PECO's base rate filing.

Currently, service is provided under the Company's Tariff Electric-Pa. P.U.C. No. 6 ("Tariff No. 6") and associated supplements. It is anticipated that Tariff No. 7, which was filed as part of this case on 60 days' notice, will be suspended by operation of Section 1308(d) of the Public Utility Code pending an investigation by the Commission. Because it is possible and, in fact, likely, that changes will be made, via subsequently filed supplements, to Tariff No. 6 during the period Tariff No. 7 is suspended, any provisions of the current tariff that will continue beyond the end of the suspension period and have not already been incorporated in Tariff No. 7 will be merged into the tariff that will be filed as part of PECO's compliance filing at the conclusion of this proceeding.

14. Q. Why is PECO proposing to increase customer charges for the residential class by a greater percentage than the proposed overall revenue increase for the class?

A. PECO is proposing to increase the customer charges in this manner to reduce the disparity between its current customer charge and the customer-related costs that should properly be recovered by that charge as reflected by Ms. Jamison in PECO Exhibit TJJ-5. The change is intended to more closely align this charge with the Company's customer-classified costs. As noted in PECO Exhibit JAB-3, the

Company's current customer charge is lower than those of most other major electric distribution utilities in Pennsylvania.

15. Q. Why is it important to increase customer charges so those charges are closer to customer-classified costs?

A. Customer-classified costs are, by definition, costs that vary based on the number of customers, not usage. Such costs include, principally, but not exclusively, the cost of meters, customer service lines, billing and meter reading. As a consequence, customer-classified costs are, on average, the same amount for each customer within a rate class. Accordingly, customer-classified costs are appropriately recovered in the customer charge, which is the same for each customer served under a given rate schedule. A utility should, to the extent practicable, avoid including customer-classified costs in variable distribution charges because to do so would make the recovery of customer-related costs a function of customers' usage, which they are not.

Misplacing customer costs in variable distribution charges has adverse consequences. First, it can create inappropriate intra-class subsidies, because some customers will pay more than their share of customer-classified costs and others less, based on their relative levels of usage each month. Second, because customer costs, which are a fixed amount per customer, would be recovered in a charge that applies to usage, which varies, the Company could recover either too little or too much of its customer-related costs as a consequence of variations in customer usage.

In summary, putting customer costs in the wrong element of a rate can be unfair to both customers and the utility. For these reasons, among others, customer-related costs in a utility's cost of service should be charged to customers in a manner that appropriately reflects the nature of the costs incurred subject to consideration of the principle of gradualism.

16. Q. What residential rate change is PECO proposing?

A. PECO is proposing a residential base customer charge of $13.49 per month (excluding consumer education surcharges). Ms. Jamison performed the Company's customer-cost analysis in the same manner as the customer-cost analysis presented by PPL Electric Utilities Corporation ("PPL Electric Utilities") in its 2012 electric base rate case, where its analysis was accepted and relied upon by the Administrative Law Judge and the Commission as the basis for the customer charges approved in that case.[1] The Company utilized the same methodology in its 2018 electric base rate case. This customer charge will be closer to, but still less than, the customer-related costs identified by Ms. Jamison in PECO Exhibit TJJ-5.

The revenue to be recovered from this customer charge was deducted from the total revenue target for the residential class to determine the revenue to be recovered in the variable distribution service charge. The variable distribution

[1] *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.

service charge was changed to recover the balance of the residential class revenue not recovered by the customer charge.

17. Q. Is PECO proposing changes to customer charges for other rate classes?

A. Yes, PECO is also proposing increases to customer charges for rate schedule GS as shown in PECO Exhibit JAB-4. As discussed above, customer charges are designed to recover the customer-related fixed costs of providing service and therefore should be established to align with actual customer-related costs of providing those services as evidenced by Ms. Jamison in PECO Exhibit TJJ-5.

IV. REVENUE EFFECT BY RATE SCHEDULE, PROOF OF REVENUES, AND SCALE-BACK

18. Q. Have you prepared a summary of distribution revenues at present and proposed rates for each rate class?

A. Yes. PECO Exhibit JAB-1 shows revenue at both present rates and proposed rates as well as the percentage increases each class will receive on an overall basis.

19. Q. Have you prepared proofs of revenue with respect to PECO's present and proposed rates?

A. Yes. PECO Exhibit JAB-4 is a proof of revenue with respect to PECO's present and proposed rates, based on pro forma billing determinants for the FPFTY. This exhibit is tied to the portion of PECO Exhibit JAB-1 that addresses the increased revenue that would be required.

20. Q. Please explain the adjustment made to the proof of revenues at present rates for the Company's DSIC.

A. The DSIC is a rate adjustment mechanism that permits PECO to recover the fixed costs of DSIC-eligible property between base rate cases through a separate, reconcilable charge established pursuant to Section 1353 of the Public Utility Code. The Commission approved PECO's establishment of a DSIC by its final order entered October 22, 2015 at Docket No. P-2015-2471423. PECO began to charge a DSIC effective with bills rendered on or after April 1, 2018. The Company is currently charging a DSIC of 0.35%, which the Company will adjust to 0.73% effective with bills rendered on or after April 1, 2021.[2]

As required by the terms of the DSIC, the DSIC charge will be reduced to zero on the effective date of new rates established in this proceeding. The fixed costs of DSIC-eligible property that PECO will continue to recover through the effective date of its new base rates have been included in the Company's claimed rate base and reflected in the revenue requirement used to establish its proposed rates. Consequently, in order to properly compare PECO's revenues at present rates to revenues at its proposed base rates, PECO's proof of revenue at present rates has been adjusted by customer class to include the revenues billed under its DSIC.

[2] PECO's second Long Term Infrastructure Improvement Plan ("LTIIP-II"), a precondition for continuing recovery of eligible property through the DSIC, was approved by the Commission in an Order issued November 19, 2020 in Docket No. P-2020-3020974.

21. Q. How does PECO propose to scale-back the proposed rates if it is granted less than the revenue increase it requested?

A. In the event PECO is granted less than its requested increase, PECO proposes that:

(1) the revenue increases proposed for all rate classes will be reduced in proportion to the proposed increase for each class; and

(2) the customer charges for all rate classes remain as proposed, and all other rates and charges for all rate schedules be reduced proportionately to produce the revenue target for each rate class.

V. CONCLUSION

22. Q. Please summarize your conclusions.

A. PECO's proposed rates reflect a reasonable allocation of the Company's proposed revenue increase and a reasonable rate design for each rate schedule. The proposed rate design changes are consistent with relevant terms of the settlements of PECO's 2018 electric rate case, the results of the COSS identified by Ms. Jamison, and applicable principles of rate structure and rate design, including gradualism. In addition, the proposed customer charge for the residential class is in line with those of other major Pennsylvania electric distribution utilities.

23. Q. Does this conclude your direct testimony at this time?

A. Yes, it does.

PECO Energy Company (Electric)
Proposed Revenue Allocation and Rates of Return by Rate Class

Rate Class	(1) Current Distribution Revenue	(2) Proposed Distribution Revenue	(3) *(2) - (1)* Distribution Revenue Ask	(4) *(3) / (1)* % Increase
Residential (R)	$ 778,130,690	$ 907,026,088	$ 128,895,398	16.6%
Residential Heating (RH)	$ 154,041,920	$ 178,797,830	$ 24,755,910	16.1%
General Service (GS)	$ 242,879,465	$ 296,577,661	$ 53,698,197	22.1%
Primary Distribution (PD)	$ 7,694,222	$ 9,325,860	$ 1,631,638	21.2%
High Tension (HT)	$ 157,653,660	$ 195,138,053	$ 37,484,393	23.8%
Electric Propulsion (EP)	$ 8,117,629	$ 8,148,181	$ 30,552	0.4%
Lighting	$ 23,483,070	$ 22,984,370	$ (498,700)	-2.1%
Total	$ 1,372,000,656	$ 1,617,998,044	$ 245,997,388	17.9%

Rate Class	(5) Present Rate of Return	(6) *(5) / Average of (5)* Present Relative Rate of Return	(7) Proposed Rate of Return	(8) *(7) / Average of (7)* Proposed Relative Rate of Return
Residential (R)	4.49%	0.89	6.99%	0.91
Residential Heating (RH)	4.96%	0.98	7.37%	0.96
General Service (GS)	5.91%	1.17	8.99%	1.17
Primary Distribution (PD)	5.72%	1.13	8.76%	1.14
High Tension (HT)	5.78%	1.14	8.99%	1.17
Electric Propulsion (EP)	7.48%	1.48	7.53%	0.98
Lighting	8.65%	1.71	8.29%	1.08
Total	5.05%		7.68%	

ELECTRIC PA P.U.C NO. 7
SUPERCEDES ELECTRIC PA P.U.C. NO. 6 AND ALL SUPPLEMENTS THERETO

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PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 4.

Issued March 30, 2021 **Effective May 29, 2021**

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ISSUED BY: M. A. Innocenzo – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19103

NOTICE

LIST OF CHANGES MADE BY THIS SUPPLEMENT

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS - Original Page No. 7 and Original Page No. 9
Updated definitions for Energy Supply Charge, Fixed Distribution Service Charge, and Variable Distribution Service Charge.

PRIVATE PROPERTY CONSTRUCTION - COMPANY'S SERVICE LINES – Original Page No. 14 - Revised Rule 6.1 to clarify ownership of primary and secondary lines.

PRIVATE PROPERTY CONSTRUCTION - CUSTOMER'S SERVICE EXTENSION - Original Page No. 14 - Revised Rule 6.3 to clarify installation and type of Company equipment.

EXTENSIONS – UNDERGROUND SERVICE IN NEW RESIDENTIAL DEVELOPMENTS – Original Page No. 18 - Revised Rule 7.3 to indicate of when a developer may install conduit.

METER TESTS - TESTING SERVICES – Original Page No. 26 - Revised Rule 16.6 by deleting the term "in advance" and adding "at the Company's discretion" to allow greater flexibility for charging for special tests.

BILLING AND STANDARD PAYMENT OPTIONS – Original Page No. 27 - Revised Rule 17.2 to indicate PECO's standard billing practice for both gas and electric customers.

BILLING AND STANDARD PAYMENT OPTIONS - BUDGET BILLING - Original Page No. 27 - Revised Rule 17.6 to remove reference to POL.

PAYMENT TERMS & TERMINATION OF SERVICE – Original Page No. 30 -Theft fees have been removed from rule 18.7 and added as new rule to rule 18.8. Theft fees have been updated.

CONSUMER EDUCATION CHARGE – Original Page No. 43 Removed obsolete language regarding Market Phase In Rider. Expanded cost recovery to include education and outreach costs for low and moderate income customers.

TRANSMISSION SERVICE CHARGE ("TSC") – Original Page No. 44 – Added language to clarify billing demands.

NON-BYPASSABLE TRANSMISSION CHARGE ("NBT") - Original Page No. 45 – Added language to clarify billing demands.

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE ("DSIC") - Original Page No. 48 - Reset the DSIC to 0%

RATE R RESIDENCE SERVICE – Original Page No. 51 - Distribution prices updated

RATE R H RESIDENTIAL HEATING SERVICE – Original Page No. 52 - Distribution prices updated

RATE RS-2 NET METERING - Original Page No. 55 - Added link to the online application.

RATE-GS GENERAL SERVICE- Original Page No. 56 - Added additional wording to Availability section and revised the definition of the minimum charge. Distribution prices updated.

RATE PD PRIMARY-DISTRIBUTION POWER - Original Page No. 58 - Distribution prices updated.

RATE HT HIGH-TENSION POWER - Original Page No. 59 - Distribution prices updated.

RATE EP - ELECTRIC PROPULSION - Original Page No. 60 - Added language to clarify availability of Rate EP to untransformed service at "legacy locations" and to explain conjunctive billing. Distribution prices updated.

RATE POL PRIVATE OUTDOOR LIGHTING - Original Page No. 61 - Distribution prices updated.

RATE SL-S STREET LIGHTING-SUBURBAN COUNTIES - Original Page No. 63 - Distribution prices updated

RATE SL-E STREET LIGHTING CUSTOMER OWNED FACILITIES - Original Page No. 65 - Added wording to clarify ownership of aerial fed streetlighting facilities.

RATE SL-C SMART LIGHTING CONTROL CUSTOMER OWNED FACILITIES - Original Page No. 67 and Original Page No. 68
Added reference to the Energy Efficiency Surcharge and revised terms and conditions.

RATE TLCL TRAFFIC LIGHTING CONSTANT LOAD SERVICE– Original Page No. 70 - Distribution prices updated.

APPLICABILITY INDEX OF RIDERS - Original Page No. 73 – Added a footnote to the Construction Rider which expands the applicability to Rate GS customers with demands greater than 500 kW.

ELECTRIC VEHICLE DCFC PILOT RIDER (EV-FC) – Original Page No. 86 - Expand availability of the rider to include public transit.

CUSTOMER ASSISTANCE PROGRAM ("CAP") – Original Page No. 79 - Removed the certification requirement for enrollment in the CAP Rider.

NIGHT SERVICE GS RIDER - Original Page No. 90 - Distribution prices updated

NIGHT SERVICE HT RIDER - Original Page No. 91 - Distribution prices updated

NIGHT SERVICE PD RIDER - Original Page No. 92 - Distribution prices updated

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LIST OF COMMUNITIES SERVED

PHILADELPHIA:
CITY AND COUNTY OF Philadelphia.

DELAWARE COUNTY:
CITY: Chester.

BOROUGHS: Aldan, Brookhaven, Chester Heights, Clifton Heights, Collingdale, Colwyn, Darby, East Lansdowne, Eddystone, Folcroft, Glenolden, Lansdowne, Marcus Hook, Media, Millbourne, Morton, Narberth, Norwood, Parkside, Prospect Park, Ridley Park, Rose Valley, Rutledge, Sharon Hill, Swarthmore, Trainer, Upland, Yeadon.

FIRST-CLASS TOWNSHIPS: Aston, Darby, Haverford, Lower Chichester, Lower Merion, Marple, Nether Providence, Radnor, Ridley, Springfield, Tinicum, Upper Chichester, Upper Darby.

SECOND-CLASS TOWNSHIPS: Bethel, Birmingham, Chester, Concord, Edgmont, Middletown, Newtown, Thornbury, Upper Providence.

BUCKS COUNTY:
BOROUGHS: Bristol, Chalfont, Doylestown, Dublin, Hulmeville, Ivyland, Langhorne, Langhorne Manor, Morrisville, New Britain, New Hope, Newtown, Penndel, Telford, Tullytown, Yardley.

FIRST-CLASS TOWNSHIPS: Bristol.

SECOND-CLASS TOWNSHIPS: Bedminster, Bensalem, Buckingham, Doylestown, Falls, Hilltown, Lower Makefield, Lower Southampton, Middletown, New Britain, Newtown, Northampton, Plumstead, Solebury, Upper Makefield, Upper Southampton, Warminster, Warrington, Warwick, Wrightstown.

MONTGOMERY COUNTY:
BOROUGHS: Ambler, Bridgeport, Bryn Athyn, Collegeville, Conshohocken, East Greenville, Green Lane, Hatboro, Jenkintown, Lansdale, Norristown, North Wales, Pennsburg, Pottstown, Red Hill, Rockledge, Royersford, Schwenksville, Souderton, Telford, Trappe, West Conshohocken.

FIRST-CLASS TOWNSHIPS: Abington, Cheltenham, Hatfield, Lower Moreland, Lower Pottsgrove, Plymouth, Springfield, Upper Dublin, Upper Gwynedd, Upper Moreland, Upper Pottsgrove, West Norriton, West Pottsgrove, Whitemarsh.

SECOND-CLASS TOWNSHIPS: East Norriton, Franconia, Horsham, Limerick, Lower Frederick, Lower Gwynedd, Lower Providence, Lower Salford, Marborough, Montgomery, Perkiomen, Salford, Skippack, Towamencin, Upper Frederick, Upper Merion, Upper Providence, Upper Salford, West Vincent, Whitpain, Worcester.

CHESTER COUNTY:
CITY: Coatesville.

BOROUGHS: Avondale, Downingtown, Kennett Square, Malvern, Modena, Oxford, Parkesburg, Phoenixville, South Coatesville, Spring City, West Chester, West Grove.

FIRST-CLASS TOWNSHIP: Caln.

SECOND-CLASS TOWNSHIPS: Birmingham, Charlestown, East Bradford, East Brandywine, East Caln, East Coventry, East Fallowfield, East Goshen, East Marlborough, East Nantmeal, East Nottingham, East Pikeland, East Vincent, East Whiteland, Easttown, Elk, Franklin, Highland, Kennett, London Britain, Londonderry, London Grove, Lower Oxford, New Garden, Newlin, New London, North Coventry, Penn, Pennsbury, Pocopson, Sadsbury, Schuylkill, South Coventry, Thornbury, Tredyffrin, Upper Oxford, Upper Uwchland, Uwchland, Valley, Wallace, Warwick, West Bradford, West Brandywine, West Caln, West Fallowfield, West Goshen, West Marlborough, West Nantmeal, West Nottingham, West Pikeland, West Sadsbury, Westtown, West Vincent, West Whiteland, Willistown.

YORK COUNTY:
BOROUGH: Delta.

SECOND CLASS TOWNSHIPS: Chanceford, Fawn, Lower Chanceford, Peach Bottom.

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HOW TO USE LOOSE-LEAF TARIFF

1. This Tariff is issued on the loose-leaf plan. Each page will be issued as "original page," consecutively numbered, commencing with the title page, which in all cases will be considered as Page No. 1. For example: "Original Page No. 2", "Original Page No. 3," etc.

2. All changes in, additions to, or eliminations from, original pages, will be made by the issue of consecutively numbered supplements to this Tariff and by reprinting the page or pages affected by such change, addition, or elimination. Such supplements will indicate the changes which they effect and will carry a statement of the make-up of the Tariff, as revised. The Table of Contents will be reissued with each supplement.

3. When a page is reprinted the first time, it will be designated under the P.U.C. number as "First Revised Page No...," the second time as "Second Revised Page No...," etc. First revised pages will supersede original pages; second revised pages will supersede first revised pages, etc.

4. When changes or additions to be made require more space than is available, one or more pages will be added to the Tariff, to which the same number will be given with letter affix. For example, if changes were to be made in Original Page No. 2 and, to show the changed matter, more than one page should be required, the new page would be issued as "First Revised Page No. 2, superseding Original Page No. 2"; and the added page would be issued as "Original Page No. 2A." If a second added page should be required, it would be Issued as "Original Page No. 2B." Subsequent reprints will be consecutively designated as "First Revised...," "Second Revised...," etc.

5. On receipt of a revised page it will be placed in the Tariff immediately following the page which it supersedes, and the page which is to be superseded thereby plainly marked "See following page for pending revision." On the date when such revised page becomes Effective the page superseded should be removed from the Tariff.

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DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS

a.c. - alternating current

Advanced Meter - Advanced Meter shall have the meaning set forth in the Electric Generation Supplier Coordination Tariff.

Advanced Meter Services - Advanced Meter Services shall have the meaning set forth in the Electric Generation Supplier Coordination Tariff.

Advanced Meter Service Provider or AMSP - The Company or an EGS that provides Advanced Meter Services.

AEPS – Alternative Energy Portfolio Standard – statute that requires electric distribution companies and electric generation suppliers to acquire a certain percentage of their energy from alternative energy sources.

Available rate - A rate which may be obtained by a customer if the use of service conforms to the character of service contemplated in the rate, and the location is such that this service can be supplied from existing facilities of the Company.

Bad credit - A customer shall be deemed by the Company to have bad credit if the customer has been delinquent on payment of two consecutive bills or three or more bills in the last twelve billing cycles or tendered two or more checks that are subsequently dishonored by a payee according to 13 Pa.C.S. §3502, within the last twelve billing cycles. Industrial and commercial customers also shall be deemed by the Company to have bad credit if the customer is insolvent, (as evidenced by a credit report prepared by a reputable credit bureau or credit reporting agency or public financial data, liabilities exceeding assets or generally failing to pay debts as they become due) or has a class of publicly-traded debt outstanding that is rated to be below investment grade, or tendered two or more checks that are subsequently dishonored by a payee according to 13 Pa.C.S. §3502, within the last twelve billing cycles.

Base Rate (or rate) - The Base Rates are Rates R, R-H, RS-2, GS, PD, HT, POL, SL-S, SL-E, SL-C, TLCL, EP, and AL.

Billing demand - The calculated or measured demand after correction, if any, for power factor; except that the billing demand may be limited to a minimum figure.

Btu - British thermal unit.

Capacity charge - A charge based upon demand, either with or without power factor correction.

Competition Act - The Electricity Generation Customer Choice and Competition Act, 66 Pa.C.S. §2801, et seq.

Competitive Energy Supply - unbundled energy and capacity provided by an Electric Generation Supplier.

Consolidated EDC Billing - Billing provided by the Company as provided for in the Electric Generation Supplier Coordination Tariff.

Consolidated EGS Billing - Billing provided by an EGS as provided for in Electric Generation Supplier Coordination Tariff.

Continuous service – Service which the Company endeavors to keep available at all times.

Creditworthy - A creditworthy customer pays the Company's charges as and when due and otherwise complies with the Rules and Regulations of this Tariff or the PaPUC. To determine whether a customer is creditworthy with respect to a particular account, the Company will evaluate the customer's record of paying Company charges for all of the customer's other Company accounts, and may also take into consideration the customer's general credit.

Customer - Any person, partnership, association, or corporation, lawfully receiving service at a single meter location from the Company. For purposes of billing for an Electric Generation Supplier (as defined below), the term customer may include all meter locations for which a summary bill is provided. In addition, unless explicitly prohibited by the Public Utility Code or the Commission's Rules and Regulations, an EGS may act as agent for an end use customer upon written authorization to PECO Energy which may be part of the notice of EGS selection.

Customer's service extension - The facilities extending from the customer's service-receiving equipment to the Company's service supply lines.

Default Service (DS) - The provision of energy or energy and capacity by PECO Energy as Default Service Provider to customers that are: (1) not eligible to obtain Competitive Energy Supply, (2) choose not to obtain Competitive Energy Supply, (3) return to default service after having obtained Competitive Energy Supply or Competitive Default Service, or (4) who contract for Competitive Energy Supply from an EGS (as defined below) that fails to deliver such energy or energy and capacity.

Default Service Provider (DSP) – The incumbent EDC within a certificated service territory or a Commission approved alternative supplier of electric generation.

Demand - The maximum rate-of-use of energy during a specified time interval, expressed in kilowatts.

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS (continued)

Direct Access - Direct Access shall have the meaning set forth in the Competition Act.

Electric Distribution Company (EDC) - Electric Distribution Company (EDC) shall have the meaning set forth in the Competition Act.

Electric Generation Supplier (EGS) - Electric Generation Supplier (EGS) shall have the meaning set forth in the Competition Act.

Electric Generation Supplier Coordination Tariff (or Supplier Tariff)- PECO Energy's Electric Generation Supplier Coordination Tariff, provides procedures for EGS & PECO EDC interaction to make arrangements necessary to implement Direct Access for retail customers.

Energy Supply Charge (Generation Charge) - PECO Energy's charge for energy or energy and capacity to customers that receive Default Service.

Energy charge - a charge based upon kilowatt-hours of use.

FERC - the Federal Energy Regulatory Commission.

Fixed Distribution Service Charge (Customer Charge) - A charge to recover costs caused by the presence of the customer on the system other than the costs associated with the customer's demand or energy consumption.

Holidays - New Year's Day, Martin Luther King, Jr.'s Birthday, Presidents' Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, Christmas Day and Sundays.

Hp, horsepower - As used herein, horsepower shall be computed as the equivalent of 750 watts.

Initial Contract Term - An initial contract term for a service location shall be 1) the customer's first Term of Contract for service to the location or 2) the first Term of Contract after the customer changes service for a location to a different Rate.

Interest Index – An annual interest rate determined by the average of one-year Treasury Bills for September, October and November of the previous year.

KV, kilovolts - 1000 volts.

KVA, kilovoltampere - Unit of measurement of rate-of-use, which determines electrical capacity, required; it is obtained by multiplying the voltage of a circuit by its amperage.

KW, kilowatt - Unit of measurement of useful power.

KWh, kilowatt-hour - Unit of measurement of energy; an amount equivalent to the use of one kilowatt for one hour.

Lumen - Unit of measurement of quantity of light.

Measured Demand - A customer's highest demand during a 30-minute time interval in a billing period.

Month - A month under this Tariff means 1/12 of a year, or the period of approximately 30 days between two regular consecutive readings of the Company's meter or meters installed on the customer's premises.

PaPUC or Commission - The Pennsylvania Public Utility Commission.

PECO Energy or the Company - PECO Energy Company.

Point of Delivery - The single service point at which the service-supply lines of the Company terminate and the customer's facilities for receiving the service begin.

PJM - PJM shall mean the PJM Interconnection, L.L.C.

PJM System - PJM System shall mean the transmission facilities located in the Mid-Atlantic Region that are controlled by PJM.

Power Factor - As used herein, power factor is, in a single-phase circuit, the ratio of the watts to the voltamperes, and in a polyphase circuit, is the ratio of the total watts to the vector sum of the volt-amperes in the several phases.

Principal Office – The Company's Main Office Building is located at 2301 Market Street, Philadelphia, Pa. 19103.

Property Line - The division line between land held in or for private use, and land in which the public or the Company has a right of use; or, the division line between separately owned or occupied land.

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DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS (continued)

Separate EDC Billing - Billing provided by the Company as provided for in the Electric Generation Supplier Coordination Tariff.

Separate EGS Billing - Billing provided by an EGS as provided for in the Electric Generation Supplier Coordination Tariff.

Service - The distribution of energy for use by the customer, including all things done by the Company in connection with such distribution. (The Company must approve the installation of parallel generation via an Interconnection Agreement before the customer operates that generation in parallel with the Company's distribution system.)

- standard single-phase secondary: alternating current, 60 hertz, in accordance with Tariff Rule 2.5 (Single-Phase Up To 150 kVA:

  (a) nominally 120/240 volts, 3 wires;
  (b) nominally 120 volts, 2 wires to installations consisting of not more than two 15-ampere branch circuits;
  (c) nominally 120/208 volts, 3 wires, for residential service, where available in conjunction with standard polyphase secondary 120/208 volts, 3-phase, 4 wires.

- standard polyphase secondary; alternating current, 60 hertz. Only one service is available to a building. However, the Company will provide standard service to customer premises containing multiple buildings in accordance with Tariff Rule 2.2 (Single-Point Delivery). For purposes of determining service capacity and parallel-generating capacity limits, a building is defined as a structure, separated from other structures, or a portion of a contiguous structure separated from the remainder of the structure by approved firewalls. When demand or service voltage requires the installation of transformation equipment on the owner's premises, the transformation shall consist of a pad mounted transformer installed at a location provided by the owner and approved by the Company outside the building or a transformer bank installed inside the building in a vault located on the ground floor or one story below grade, meeting National Electrical Code requirements. The Company will not install, own or maintain any conductors inside or beneath a building nor install indoor transformation in areas supplied by or designated to be supplied at 33,000 volts or greater.
  (a) nominally 120/240 volts, 2-phase, 5 wires; only available in areas supplied by 2-phase distribution facilities located along public highways or private rights-of-way and limited to service capacities of 100 kVA or less;
  (b) nominally 240 volts, 3-phase, 3 wires; a fourth wire neutral will be extended for the supply of 120/240 volt single-phase equipment in combination with the service where neither the service capacity required nor the parallel-generating capacity required exceeds 15 kVA on any one of the phases. Where the demand to a single premises exceeds 100 kVA, transformers will be installed on the premises at a suitable location provided by the owner. The service capacity and the parallel-generating capacity are both limited to 300 kVA for transformers located inside the building and 500 kVA for transformers located outside the building.
  (c) nominally 120/208 volts, 3-phase, 4 wires, (where 3-phase distribution is available) for the exclusive supply of secondary service to a building or group of contiguous buildings occupied by one or more than one customer, with transformers and secondaries installed on the premises at suitable locations provided by the owner. The service capacity and the parallel-generating capacity are both limited to 750 kVA for transformers located either inside or outside the building. When either exceeds 750 kVA for transformers located inside the building the only rate option available to the customer will be Rate HT. When either exceeds 750 kVA but remains at or below 1,500 kVA for transformers located outside of the building, the customer can request service at 277/480 volts, 3-phase 4-wires from transformers located outside of the building. Otherwise, the only rate option available to the customer will be Rate HT. When a suitable transformer location is not reasonably available on the premises and the demand does not exceed 100 kVA, service may be supplied at the Company's discretion from aerial distribution facilities located along public highways.
  (d) nominally 277/480 volts, 3-phase, 4 wires (where 3-phase distribution is available) for the exclusive supply of secondary service to a building occupied by one or more than one customer with transformers and secondaries installed on the premises at suitable locations provided by the owner. The service capacity and the parallel-generating capacity are both limited to 750 kVA for transformers located inside the building and 1,500 kVA for transformers located outside the building. If either exceeds these limits the only rate option available to the customer will be Rate HT.

- standard primary - unregulated alternating current, 60 hertz, nominally 2,400 volts, 2-phase, 3 wires, or nominally 4,160 volts, 3-phase, 3 or 4 wires. Availability of these voltages is limited to those locations served at these voltages as of July 6, 1987.

- standard high tension - unregulated alternating current, 60 hertz, nominally 13,200, 33,000, 69,000, 138,000, or 230,000 volts, 3-phase, 3 or 4 wires (4-wire, 13 kV service is available in areas that have been converted to 13 kV distribution):

Where two or more such standard voltages are present in a given area, the Company will select the service voltage at which the required service can be supplied most economically. Nominally 13,200, 33,000, 69,000, 138,000 or 230,000 volts as available in the various sections of the Company's service territory for loads of such character as to require supply at one of such voltages in order not to impose unsatisfactory service conditions on the Company's supply system, or for loads of such character that supply at one of such voltages is desired both by the Company and the customer. For service at 13,200 or 33,000 volts, where the customer's demand exceeds 7,000 kW, the owner may be required to provide a suitable location on the premises for the installation of Company's transformation equipment.

The Company's charges for service, which are comprised of the Fixed Distribution Service Charge and Variable Distribution Service Charge, are non-bypassable and must be paid by any customer regardless of the voltage level at which the customer is served.

Service-supply lines - The facilities (conductors, cables, conduits, etc.) extending from the Company's facilities in the highway or other trunk line location to the facilities owned and maintained by the customer.

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS (continued)

Summary Billing Account - An aggregate bill prepared for two or more meter locations owned or legally controlled by the same partnership, association, corporation, or governmental agency etc. for: (1) the Company's charges for service; and/or (2) an EGS's charges for Competitive Energy Supply, as permitted by Rule 2.2.

Tariff - this Electric Service Tariff comprising the Base Rates, rules and regulations which in conjunction with Pennsylvania Public Utility Law and Pennsylvania Public Utility Commission Regulations govern the distribution of electric energy including all things done by the Company in connection with such distribution, and/or the supply of electric energy under Default Service, and other PaPUC jurisdictional services.

Variable Distribution Service Charge (Distribution Charge) - the variable supply charges for the provision of unbundled distribution service, including all things done by the Company in connection with such distribution service.

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RULES AND REGULATIONS

1. THE TARIFF

1.1 FILING AND POSTING. A copy of this Tariff, which comprises the Rates, Rules and Regulations under which service and Default Service will be provided to its customers by PECO Energy, is on file with the Commission and is posted and open to

inspection at the Principal Office of the Company. A copy of this tariff is also available on the Company's website at http://www.peco.com.

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1.2 REVISIONS. This Tariff may be revised, amended, supplemented or otherwise changed from time to time in accordance with the Pennsylvania "Public Utility Law", and such changes, when effective, shall have the same force as the present Tariff.

1.3 APPLICATION. The Tariff provisions apply to everyone lawfully receiving service from the Company, under the rates therein, and the recipient of service, whether service is based upon contract, agreement, accepted signed application, or otherwise, shall be subject to the terms of the Tariff. In addition, the rates therein shall apply to everyone receiving service unlawfully or otherwise, including unauthorized use as referred to in Rule 4.7 of this Tariff. A customer will receive service under the rates and riders of this tariff effective with their first scheduled billing cycle after the effective date of the tariff or as otherwise indicated in this tariff.

1.4 BASIS OF CHARGE. Time elapsed is a factor in the supply of service and the rates and minimum charges named in this Tariff, while predicated on periods of supply of not less than one year, are stated in values for direct application only to monthly periods of service supply and will be adjusted for application to service supplied during other time intervals.

1.5 RULES AND REGULATIONS. The Rules and Regulations, filed as part of this Tariff, are a part of every contract for service made by the Company and govern all classes of service where applicable, unless specifically modified by a rate or rider provisions. The obligations imposed on customers in the Rules and Regulations apply as well to everyone receiving service unlawfully and to unauthorized use of service.

1.6 USE OF RIDERS. The terms governing the supply of service under a particular Base Rate may be modified or amended only by the application of those standard riders, filed as part of this Tariff, which are specifically mentioned as applicable to that rate in the Applicability Index of Riders.

1.7 STATEMENT BY AGENTS. No representative has authority to modify a Tariff rule or provision, or to bind the Company by any promise or representation contrary thereto.

2. SERVICE LIMITATIONS

2.1 CHARACTER. This Tariff applies only to the distribution and/or supply of electric energy of the standard characteristics available in the locality in which the premises to be served are situated. The Company does not offer to distribute and/or supply electric energy of nonstandard characteristics.

2.2 SINGLE-POINT DELIVERY The Company will provide standard distribution and/or supply through a single delivery and metering point for the total requirements at each separate premises of any person, partnership, association, or corporation, lawfully receiving service, except where, in the Company's sole judgment, special conditions warrant the installation of additional facilities. Unless otherwise stated herein, the Base Rates in this Tariff for each class of service are based upon that standard. Separate distribution and/or supply for the same customer at other points of consumption shall be separately metered and billed, except that: (1) when the Company is providing Consolidated EDC Billing, the Company will provide summary billing of its charges for and/or an EGS' charges (if requested by the EGS) for Competitive Energy Supply; and (2) when the Company is providing Separate EDC Billing, the Company will provide summary billing of its charges.

2.3 SINGLE-POINT AVAILABILITY. Service delivered at a single point is available to one or more buildings or units devoted essentially to a single purpose, provided and so long as:

(a) Such buildings or units are:
(1) held, possessed, and either utilized or operated as a single establishment by a single responsible entity, and
(2) unified on the basis of family, business, industry, enterprise, or governmental agency or through conveniences and services, such as heat, elevator, janitor, care of halls, walks and lawns, etc., furnished by such entity, and
(3) situated on a single or on contiguous land parcels except where such buildings or units constitute interdependent parts of a single industrial enterprise. In determining "contiguity" hereunder of parcels abutting opposite sides of public or private ways, the boundaries of such parcels shall be considered as extending to the center of such ways.

(b) There is granted and maintained to the Company easement or other rights, adequate in the Company's reasonable judgment to supply service direct to any such buildings or units if, as and when a cessation of any one or more of the conditions stated in paragraph lettered "a" above should occur, or there should arise in any manner a Company duty of such direct supply.

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RULES AND REGULATIONS (continued)

(c) The transforming, receiving and distribution facilities on the customer's side of the delivery point, are:
(1) furnished, installed and maintained at the expense of the customer, and
(2) owned or leased by the customer, and
(3) operated and controlled by or at the expense of the customer.

(d) The Company is under no legal obligation of direct supply to any portion of said building or units or their appurtenances.

(e) A guarantee by deposit or otherwise is given and maintained to the Company sufficient in its reasonable judgment to insure it against loss in primary, secondary and/or distribution investment in the event of change in the nature of holding and possession of such buildings or units, or in the occupancy thereof, or in the type of service delivered thereto.

(f) All utilization equipment on the customer's side of the Company delivery point is furnished, installed, operated and maintained by the operator of the building or units supplied or by the tenants of such operator whose use of electricity is dependent upon the single-point delivery and metering of service.

(g) Any use of public highways by such operator for the latter's distribution facilities does not conflict or interfere with the franchise rights of the company.

2.4 COMPLIANCE WITH AVAILABILITY. The use of the Company's service shall not be for any purpose other than that covered by the availability provisions of the applicable Base Rate and/or riders.

2.5 SINGLE-PHASE UP TO 150 KVA. Single-phase secondary service is available for customer equipment with demand of or parallel-generation facilities having an aggregate nameplate rating up to 150 kVA. Generating systems shall be installed and operated under Rate RS-2 with associated load sharing the same electric point of interconnection to the Company's facilities. Any customer demand or generation equipment in excess of this amount will be supplied polyphase service. (The Company must approve the installation of parallel generation via an Interconnection Agreement before the customer operates that generation in parallel with the Company's distribution system.)

2.6 POLYPHASE LOADS AGGREGATING LESS THAN 7-1/2 HP. Polyphase service is not available for installations aggregating less than 7-1/2 horsepower, unless the excess cost of supplying polyphase rather a single-phase service is borne by the customer.

2.7 MOTORS. Service is not available to motors which do not meet the Company's standard requirements.

2.8 COMPLIANCE WITH BUILDING ENERGY CONSERVATION ACT STANDARDS. Before receiving any electric service to or for new or renovated residential buildings or additions thereto, as defined by Pennsylvania Building Energy Conservation Act (BECA) as amended by Act 98 of 1985, applicants for service must provide the Company with the compliance certification copy of the Pennsylvania Department of Community Affairs (DCA) "Notice of Intent to Construct" form as processed by DCA. A compliance certification copy of "Notice of Intent to Construct" will not be required by the Company if the new or renovated residential building is located in a municipality which has elected to administer the BECA and requires that a notice of intent to construct be filed with the municipality before or at the time that application is made for a building permit and the notice has, in fact, been filed.

3. CUSTOMER INSTALLATION

3.1 INFORMATION FROM THE CUSTOMER. The Company should be advised by the customer or applicant for service, in writing, preferably on a form supplied by the Company, of premises to be equipped for service, giving exact location, and details of all current consuming devices to be installed.

The customer shall supply the Company any and all information in its possession regarding potential or actual contamination, waste or hazardous materials or other adverse environmental conditions on the customers' premises on or near where the Company facilities are to be located. The customer has a continuing obligation to provide the Company with such information relating to the premises as the customer receives it. The Company also has a continuing right to inspect the customers' premises for the purposes of performing an environmental assessment.

3.2 METER LOCATION. There shall be provided, free of expenses to the Company, at a location outdoors, unless otherwise designated by the Company or another AMSP, which the Company or another AMSP will designate in writing upon request, a suitable place for the meter or meters and any other supply, protective or control equipment of the Company or another AMSP which may be required in the provision of service. The customer shall provide access and space, in an amount deemed necessary by the Company, to install and maintain its meter(s) and equipment. This location shall be convenient, unimpeded and easily accessible to the Company's employees, contactors and agents. The Customer shall also minimize any risk for damage and/or harm to the Company's employees, contractors, agents and equipment at the meter location. There also must not be any impediment or obstruction of the Company's ability to receive, an adequate communication signal from its meter(s) for remote reading purposes. The meter(s) location shall also be situated so that the meter(s) are not concealed but shall be situated in a fashion acceptable to the Company.

3.3 POINT OF DELIVERY. The Company will designate in writing, upon request, a satisfactory point of delivery where the customer shall terminate the wiring and facilities for connection to the distribution lines of the Company. The failure to request and obtain such location may result in refusal of service pending rearrangement of customer's facilities, but the designation of a point of delivery does not constitute an agreement or obligation on the part of the Company to furnish service.

In establishing a point of delivery, the Company has the right to avoid areas known or suspected to contain contamination, waste or hazardous materials or other adverse environmental conditions. The customer will have the option of extending its own facilities to the

Company's point of service delivery.

The Company may waive this right of avoidance upon agreement by the customer or applicant to indemnify, defend, and hold harmless the Company (its successors, assigns, trustees, officers, employees and agents) from and against all actions, causes of action, claims and demands whatsoever, and from all costs, damages, expenses, losses, charges, debts and liabilities whatsoever

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RULES AND REGULATIONS (continued)

(including attorney's fees), whether known or unknown, present or future, that arise from such conditions. This indemnification provision shall survive the termination or expiration of said agreement and the termination of the business relationship of the parties thereto.

3.4 SERVICE ENTRANCE EQUIPMENT. All equipment beyond the point of delivery, except the meter, shall be installed by the customer. Installation shall be in conformity with the National Electrical Code and the Company's published "Electric Service Requirements", and shall include, where necessary, an approved sealable device for mounting a meter. The meter will be supplied, owned and sealed by the Company or another AMSP.

3.5 SECONDARY SERVICE CONNECTION. (a) Wiring of any premises for connection to overhead lines must be brought outside of the building wall to a location designated or approved by the Company, at which point the house wiring must extend at least 3 feet for attachment to the Company's service-supply lines. (b) Service connections to the Company's underground facilities shall terminate on the customer's premises in an approved connection box from which customer's wiring shall extend to the other service entrance equipment.

3.6 UNDERGROUND SERVICE. Customers desiring an underground service from overhead wires must bear the excess cost incident thereto. Specifications and terms for such construction will be furnished by the Company on request.

3.7 NONSTANDARD SERVICE. The customer or applicant for service shall pay the cost of any special installation necessary to meet the unusual requirements of the customer or applicant for service, including but not limited to: (1) service at other than standard voltages, (2) service for loads that will be intermittent and which, in the Company's sole judgment, would not generate sufficient revenue to recover the installation costs of the required facilities, (3) service for loads that will be continuous but that will generate minimal usage, and which, in the Company's sole judgment, would not generate sufficient revenue to recover the installation costs of the required facilities, (4) service for loads that will require provision of closer voltage regulation than required by standard service, and (5) situations for which, in the Company's sole judgment, extenuating circumstances exist whereby the Company agrees to provide multiple services, which are not normally offered in other sections of the Tariff, to one customer located on a premises.

The customer or applicant shall pay all costs to the Company of performing environmental assessments, including, but not limited to, the cost of consultants utilized by the Company, the cost of removal and disposal of contamination, waste or hazardous materials or dealing with other adverse environmental conditions associated with either the initial installation, modification, repair, maintenance or removal of service facilities.

3.8 RELAY PROTECTION. The customer must install at the customer's own expense a reverse-phase relay of approved type on all alternating current motors for passenger and freight elevators, hoists, and cranes, and a reverse-power relay for parallel operation.

4. APPLICATION FOR SERVICE

4.1 PLACE OF APPLICATION. Customers may apply for service at the Company's Principle Office or, in some cases, over the telephone.

4.2 SERVICE CONTRACT. Every applicant for service may be required to sign a contract, agreement, or other form then in use by the Company, covering the special circumstances of the use of service, and shall abide by these Rules and Regulations and the standard requirements of the Company including but not limited to those in PECO's Electric Service Requirements Manual ("Blue Book") Builder's Handbook, Interconnection Guidelines and other additional requirements that PECO will provide upon request.

4.3 CONTRACT DATA. The application shall contain a statement of the premises to be served, the rate under which service is desired, and such conditions or riders as are applicable to the special circumstances of the case.

4.4 RIGHT TO REJECT. The Company may place limitations on the amount and character of service it will supply or may reject applications for service: not available under a standard rate; which might affect service to other customers; which is to be delivered at a location or at a standard voltage that involves excessive cost; for bad credit; for the applicant's failure to provide identifying documentation; when an applicant's self-identification cannot be verified; or for other good and sufficient reasons. Customers cannot be denied Default Service or new service for failure to pay an EGS's charges.

The Company has the right to restrict service to only those locations which will not expose the Company to liability for known or suspected contamination, waste or hazardous materials or other adverse environmental conditions.

4.5 ACCEPTANCE. Before the Company affirmatively accepts an application, the Company will consider the application to be "pending". When an application is accepted, it constitutes the contract between the customer and the Company, subject to the Rules and Regulations. A customer or other recipient of service also becomes contractually obliged to the Company when service is provided according to the application either with or without modification, or when the customer otherwise receives service.

4.6 SPECIAL CONTRACTS. Standard contracts shall be for terms as specified in the statement of the rate, but where large or special investment is necessary for the supply of service, or where service is to be used for an emergency or temporary replacement of another method of operation, contracts of longer term than specified in the rate, or with special guarantees of revenue, or both, may be required.

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RULES AND REGULATIONS (continued)

4.7 UNAUTHORIZED USE. Unauthorized connection to the Company's facilities, and/or the use of service obtained from the Company without authority, or by any false pretense, may be terminated by the Company. The use of service without notifying the Company or the AMSP and enabling them to read its meter will render the user liable for any amount due for service provided to the premises from the time of the last reading of the meter, immediately preceding the customer's occupancy, as shown by the Company's books.

4.8 WITHDRAWAL OF APPLICATION. In the event the customer (or potential customer) withdraws an application for either new or modified service, the customer will reimburse the Company for all reasonable costs incurred by the Company in anticipation of providing the new or modified service.

5. CREDIT

5.1 PAYMENT OBLIGATION. For customers for whom the Company provides Consolidated EDC Billing or Separate EDC Billing, the provision of service for any purpose, at any location, is contingent upon payment of all charges provided for in this Tariff (and, for the same class of service (residential or non-residential) under the Company's Gas Service Tariff, if the customer also receives gas service at the same premises) as applicable to the location and the character of service.

The Company may, at its discretion, determine liability for a past due balance by:

1) Use of Company records that contain information previously provided to the Company;
2) Information contained on a valid mortgage, lease, deed or renter's license;
3) Use of commercially available public records databases;
4) Government and property ownership records.

5.2 PRIOR DEBTS. Service will not be furnished to former customers until any indebtedness to the Company for previous service of the same or similar classification has been satisfied or a payment arrangement has been made on the debt. This rule does not apply to the disputed portion of disputed bills under investigation. The Company will apply this rule to the disputed portion of disputed bills, if, and only if: (1) the Company has made diligent and reasonable efforts to investigate and resolve the dispute; (2) the result of the investigation is that the Company determines that the customer's claims are unwarranted or invalid; (3) the Commission and/or the Bureau of Consumer Services has decided a formal or informal complaint in the Company's favor and no timely appeal is filed; and (4) the customer nevertheless continues to dispute the same matter in bad faith.

5.3 GUARANTEE OF PAYMENTS. The Company may charge a security deposit before it will render service to an applicant or before the Company will continue to render service to a customer for whom the Company provides Consolidated EDC Billing or Separate EDC Billing. The Company may charge deposits to applicants and customers if they have bad credit, lack creditworthiness or as otherwise permitted by Commission statutes, rules, regulations, and as required by Federal Bankruptcy Law. The applicant or customer may be required to provide a cash deposit, letter of credit, surety bond, or other guarantee, satisfactory to the Company. The Company will hold the deposit as security for the payment of final bills and in compliance with the Company's Rules and Regulations. In addition, the Company may require industrial and commercial customers for which it may provide Consolidated EDC Billing or Separate EDC Billing to post a deposit at any time if the Company determines that the customer is no longer creditworthy or has bad credit or as otherwise permitted by Commission statutes, rules, regulations and as required by Federal Bankruptcy Law. The Company retains the right to charge customers additional deposits based upon continued bad credit or lack of creditworthiness and increased usage.

5.4 AMOUNT OF DEPOSIT. For residential customers, the deposit will be equal to one-sixth of the applicant's or customer's estimated annual bill for Company charges, based on applicable rates. A deposit from a residential customer shall conform to the requirements of 66 Pa. C.S. 1404(c) and applicable Pennsylvania Public Utility Commission regulations. For industrial and commercial accounts, the amount of the deposit shall be the Company's projection of the sum of the Company charges in the customer's two highest monthly bills in the 12 months following the deposit. The provisions of 11 U.S.C. §366(b) of the Federal Bankruptcy Code, or any successor statute or provision, shall, if inconsistent, supersede the provisions of this rule.

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RULES AND REGULATIONS (continued)

5.5 RETURN OF DEPOSIT. Deposits secured from a residential customer shall either be applied with interest to the customer's account or returned to the customer with interest in accordance with 66 Pa. C.S.§1404(C) and applicable Pennsylvania Public Utility Commission regulations. In cases of discontinuance or termination of service, deposits will be returned with accrued interest upon payment of all service charges and guarantees or with deduction of unpaid accounts. Deposits secured from a residential customer, plus accrued interest, which may be held until a timely payment history is established, are refunded when a ratepayer is not currently delinquent and has made on time and in full payments for service provided by the Company for 12 consecutive months. Deposits secured from a non-residential customer, plus accrued interest, which may be held until a timely payment history is established, are refunded when a ratepayer is not currently delinquent and has made on time and in full payments for service provided by the Company for 24 consecutive months. Any residential or commercial customer having secured the return of the deposit may be required to make another deposit in accordance with Commission statutes, regulations or Federal Bankruptcy Law if the Customer demonstrates bad credit or lacks creditworthiness subsequent to the return of the initial deposit.

5.6 INTEREST ON DEPOSIT. The Company will allow simple interest on cash deposits calculated as follows:

(A) with respect to residential accounts, interest, will be computed at the simple annual rate determined by the Secretary of Revenue for interest on the underpayment of tax under Section 806 of the Act of April 19, 1929 (P.L. 343, No. 176), known as the Fiscal Code

(B) with respect to commercial and industrial accounts, at the lower of the Interest Index or six percent;

Deposits shall cease to bear interest upon discontinuance of service (or, if earlier, when the Company closes the account).

5.7 CREDIT INFORMATION.

CUSTOMERS: In addition to information required otherwise hereunder, customers for whom the Company provides Consolidated EDC Billing or Separate EDC Billing shall be required to provide to the Company with such credit information, as the Company requires. The Company may report to a national credit bureau on credit history associated with past due amounts.

APPLICANTS: The Company's credit and application procedures for applicants are as follows: (1) positive identification of applicant obtained from previous customer record or through one of the major credit reporting bureaus or through in-person identification; (2) determination of liability for a past due balance; (3) determination if a deposit is required based upon applicant's previous account history if available or through third party credit scoring of applicant.

The Company's credit scoring methodology and standards are as follows: The Company uses a commercially recognized credit scoring methodology that is within the range of generally accepted industry practice. The applicant's or customer's utility payment history determines the credit score. The Company uses this customer-specific credit score to either request or waive a security deposit.

5.8 APPLICABILITY TO CUSTOMERS RESIDING AT PLACE OF BUSINESS. For purposes of all of the provisions of this Rule 5, when a customer resides at a place of business or commercial establishment, legitimately served pursuant to a commercial or industrial rate schedule, that is not a residential dwelling unit attached thereto, the customer is not thereby entitled to any of the protections in the Pennsylvania Public Utility Code or the Commission's regulations implementing the Pennsylvania Public Utility Code, or to any of the provisions of these rules or this Tariff, that apply exclusively to deposits for residential customers.

6. PRIVATE PROPERTY CONSTRUCTION

6.1 COMPANY'S SERVICE LINES. Where the Company has distribution facilities of adequate capacity on the highway or in other trunk line location adjacent to the premises to be served, it will provide, own and maintain standard service-supply lines as follows:

(a) UNDERGROUND:

Underground cable construction to a point of delivery approximately 18 inches inside the property line of the customer, except:

(1) For secondary service to new residences or new apartment buildings, underground cable construction will be extended to a meter location or connection box located at the building or buildings, as designated by the Company and in accordance with Rule 7.3.

(2) The Company will make necessary repairs to customer-owned extensions of primary and secondary underground service-supply lines for residential customers at no charge. If such customer-owned extension requires replacement, the Company will make the replacement and assume ownership of the service-supply line with the Company bearing the cost up to 200 feet in length and the customer bearing the cost for all additional length.

(b) AERIAL:

A single span of aerial open wire or cable construction to the first suitable support of the customer, nominally 100 feet inside the property line of the customer. This customer support shall establish the point of delivery for the customer. The customer's support shall be so located that the service span will be free of obstruction and adequately supported as required by the size and weight of the conductors.

6.2 SERVICE - SUPPLY ALTERATIONS. Changes related to a service-supply line or a meter owned by the Company, including the installation of protective devices or visual markers to denote safe operating distance from the Company's facilities, for the accommodation of the customer, shall be at the expense of the customer. If the alteration to the Company's facilities is temporary in nature and the materials used in that alteration can later by re-used by the Company, as for example the installation of protective "hard cover" to allow a customer, developer, or contractor to work safely in close proximity to the Company's facilities, then at the Company's discretion it may charge a refundable deposit in lieu of charging the customer for the cost of the re-usable materials.

6.3 CUSTOMER'S SERVICE EXTENSION. The customer shall provide, own, inspect and maintain the service extension from the Company's service-supply lines to the point of delivery and receiving equipment. PECO may install a Company-owned meter, transformer (which transformer may serve one or more customers), or other required equipment, of its choice, on customer-owned property or facilities; Such installation does not alter the responsibility of the customer to provide, own, inspect, and maintain the required customer service extension to which such Company-owned facilities may be attached.

6.4 METERS AND TRANSFORMERS. The Company will provide, own and maintain any meter or meters, and also the transformer or transformers (both potential and current type transformers), required in the supply of service of the current characteristics specified by the Base Rate or rider under which the service is provided, unless the customer receives Advanced Meter Services from an AMSP in that case such AMSP will install, provide, own, and/or maintain the Customer's meter or meters while the Company will continue to own the potential and current type transformers. The supply of transformers by the Company shall be limited to those required for a single standard transformation.

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RULES AND REGULATIONS (continued)

6.5 TRAILER PARKS. Where it is established by plans, development, use or other facts that the operation of a trailer park is predominantly to provide rental locations for non-transient trailers, with not less than two nor more than four such locations, the Company, upon written application of the trailer park operator and upon the receipt of an enabling agreement and of adequate rights-of-way, will construct, own and operate within the trailer park specified aerial electric energy, the trailer park operator being liable for payment of service to trailer park tenants not contracting in writing for service in their own names. The Company's obligation to install or extend such distribution facilities within the trailer park is limited to the investment warranted by the anticipated revenue. Alterations of such distribution facilities at the request of the park operator when not for the purpose of serving additional trailer rental locations will be at the cost of the trailer park operator. A trailer park operator desiring underground distribution facilities within a trailer park consisting of less than five locations must bear the excess cost incident thereto. Specifications and terms for such underground construction will be furnished by the Company on request. In new trailer parks consisting of five or more locations, underground distribution facilities will be extended in accordance with Rule 7.3.

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RULES AND REGULATIONS (continued)

7. **EXTENSIONS**

7.1 TRUNK LINE CONSTRUCTION. The Company will construct, own and maintain overhead or underground distribution facilities, either secondary, primary, or high tension, located on the highway or on rights-of-way acquired by the Company and used or usable as part of the Company's general distribution system.

7.2 LINE EXTENSIONS FOR STANDARD SERVICE.

A. DEFINITIONS. For the purposes of this rule, when capitalized herein, the below terms shall have the following meanings:

(1) Line Extension -- A single-phase or polyphase addition to the public utility electric supply line for the purpose of supplying standard service (as described under Rule 2 above, but not including Line Extensions for nonstandard service as described in Rule 3.7 above) to and connected with the customer's point of delivery which addition is so located that it cannot be supplied by means of a service line from the existing electric supply line.

(2) Contractor Cost -- The amount paid by the Company to a contractor for work performed on a Line Extension.

(3) Customer -- End use customer of the Company, or a developer.

(4) Direct Labor Cost -- The pay and expenses of the Company employees directly attributable to work performed on Line Extensions, but not including construction overheads or payroll taxes, workmen's compensation expenses or similar indirect expenses.

(5) Direct Material Cost -- The purchase price of materials used for a Line Extension, but not including related storage expenses. In computing Direct Material Costs, proper allowance shall be made for unused materials, materials recovered from temporary structures, and discounts allowed and realized in the purchase of materials.

(6) Total Construction Cost -- For single-phase Line Extensions, the estimated total cost to the Company for the construction of the Line Extension, which cost shall include: Contractor Cost, Direct Labor Cost, and Direct Material Cost. For polyphase Line Extensions, the estimated total cost to the Company for the construction of the Line Extension, which cost shall include: Contractor Cost, Direct Labor Cost, Direct Material Cost and allocated overheads. For projects requiring significant design work, the Company will provide a preliminary cost estimate and charge customers a non-refundable deposit of 10% of the total estimated costs to fund the detailed design work. The detailed design work cost will not be included in the Total Construction Cost of the Line Extension used to determine contribution in aid of construction ("CIAC").

(7) Capacity Adjusted Cost -- For polyphase Line Extensions, the Total Construction Cost of a Line Extension multiplied by the percentage of that Line Extension's capacity installed to serve the Customer's capacity needs.

(8) Revenue Guarantee Contribution -- The estimated Variable Distribution Service Charges, as defined in the "Definitions of Terms and Explanation of Abbreviations" Section of this tariff, to be received by the Company from the Customer for a twelve (12) month period commencing with the first month after the Line Extension is completed.

B. SINGLE-PHASE LINE EXTENSIONS FOR STANDARD SERVICE. For a Customer whose use of the Line Extension is not speculative, the Company will construct a single-phase Line Extension as follows. The Company will construct a Line Extension up to 2,500 feet without a charge to the Customer. For Line Extensions over 2,500 feet, a Customer shall pay the Company a contribution in aid of construction ("CIAC") equal to the amount by which the Total Construction Cost of the Line Extension beyond 2,500 feet exceeds the Customer's Revenue Guarantee Contribution for the first three (3) year period after the Line Extension is completed. A Customer who is not a developer must pay the CIAC in full prior to the construction of the single-phase Line Extension.

C. POLYPHASE LINE EXTENSIONS FOR STANDARD SERVICE. For a Customer whose use of the Line Extension is not speculative, the Company will construct a polyphase Line Extension, as follows. A Customer must pay the Company a CIAC equal to the amount by which the Capacity Adjusted Cost of the Line Extension exceeds the Customer's Revenue Guarantee Contribution for the first five (5) year period after the Line Extension is completed. A Customer who is not a developer must pay the CIAC in full prior to the construction of the polyphase Line Extension.

D. DEVELOPERS. Prior to the construction of any Line Extension, a developer may, in lieu of paying the full CIAC, pay a minimum of 35 percent (35%) of the CIAC and, for the remaining amount, post a surety bond in a form reasonably acceptable to the Company. The unpaid portion of the CIAC is subject to interest at the then applicable prime rate and is payable no later than twelve (12) months from the date of the initial payment.

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RULES AND REGULATIONS (continued)

E. SPECULATIVE LINE EXTENSIONS. A Line Extension is speculative when, in the Company's reasonable opinion there is doubt: (1) as to the continued use, or the level of use, of the new Line Extension by the Customer; or (2) as to the Company's recovery of the Total Construction Cost for a polyphase Line Extension if a Capacity Adjusted Cost is applied.

Under the first scenario of a speculative Line Extension, the Company will construct the Line Extension for a Customer, as follows: pursuant to an individual contract between the Customer and the Company, in addition to any CIAC, the Customer may be required to provide the Company a customer advance in the form of an up-front payment, or, if mutually agreed to by the Customer and the Company, a surety bond in the amount of the Customer's Revenue Guarantee Contribution used in the CIAC calculation as set forth in Part B or C above, as applicable ("Customer Advance"). If, after three (3) years for a single-phase Line Extension, or five (5) years for a polyphase Line Extension, the Customer's Variable Distribution Service Charges have met or exceeded the Customer Advance, the Company will either: (1) return the Customer Advance to the Customer if an up-front payment has been made; or (2) terminate the Customer's obligation to maintain the surety bond.

Under the second scenario of a speculative Line Extension, the Company will construct a polyphase Line Extension for a Customer, as follows: the Customer must pay the Company a CIAC equal to the amount by which the Total Construction Cost of the polyphase Line Extension exceeds the Customer's Revenue Guarantee Contribution for the first five (5) year period after the Line Extension is completed. The Customer may receive a refund of all or part of the CIAC paid if, during that five (5) year period, additional Customers have connected to the Line Extension for which the Customer paid the CIAC. The refund, if any, will be calculated based on the load of the connecting Customers.

7.3 UNDERGROUND SERVICE IN NEW RESIDENTIAL DEVELOPMENTS.

A. For the purposes of this rule, and in accordance with 52 Pa. Code § 57.81, the following words and terms shall have the following meanings, unless the context clearly indicates otherwise:

1. Applicant For Electric Service - The developer of: a recorded plot plan consisting of five or more lots; or one or more five-unit apartment houses.
2. Developer - The party responsible for construction and providing improvements in a development; that is, streets, sidewalks, and utility-ready lots.
3. Development - A planned project which is developed by a developer/applicant for electric service set out in a recorded plot plan of five or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, mobile homes, or apartment houses, all of which are intended for year-around occupancy, if electric service to such lots necessitates extending the Company's existing distribution lines.
4. Distribution Line - An electric supply line of untransformed voltage from which energy is delivered to one or more service lines.
5. Service Line - An electric supply line of transformed voltage from which service is delivered to the residence.
6. Subdivision - A tract of land divided by a subdivider into five or more adjoining unoccupied lots for the construction of single-family residences, detached or otherwise, or apartment houses, all of which are intended for year-around occupancy, if electric service to such lots necessitates extending the Company's existing distribution lines.

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RULES AND REGULATIONS (continued)

B. INSTALLATION OF DISTRIBUTION AND SERVICE LINES. All distribution and service lines installed pursuant to an application for electric service within a development will be installed underground, and will be owned and maintained by the Company. Pad-mounted transformers may be installed at the option of the Company. Excavating and backfilling will be performed by the developer of the project or by such other agent as the developer may authorize. The developer or its agent may also for the purpose of reducing civil work costs, install conduit for the Company's use in installing electrical service, if the conduit and associated excavation work meets PECO's requirements. The Company will then assume ownership of such conduit. Installation of service-related facilities will be performed by the Company or by such other agent as the Company may also be installed underground, upon terms and conditions prescribed elsewhere in this tariff. The Company will not be liable for injury or damage occasioned by the willful or negligent excavation breakage, or other interference with its underground lines occasioned by anyone other than its own employees or agents.

Nothing in this section shall prohibit the Company from performing its own excavating and backfilling for greater system design flexibility. However, no charges other than those specified in Section 57.83(4) of Title 52 shall be permitted.

C. APPLICANTS FOR SERVICE. The applicant for service to a development shall conform with the following:

(1) At its own cost, provide the Company with a copy of the recorded development plot plan identifying property boundaries, and with easements satisfactory to the Company for occupancy by distribution, service and street-lighting lines and related facilities.

(2) At its own cost, clear the ground in which the lines and related facilities are to be laid of trees, stumps and other obstructions, provide the excavating and backfilling subject to the inspection and approval of the Company, and rough grade it to within six inches of final grade, so that the Company's part of the installation will consist only of laying of the lines and installing other service-related facilities. Excavating and backfilling performed or provided by the applicant will follow the Company's underground construction standards and specifications set forth by the Company in written form and presented to the applicant at the time of application for service and presentation of the recorded plot plan to the Company. If the Company's specifications have not been met by the applicant's excavating and backfilling, such excavating and backfilling will be corrected or redone by the applicant or its authorized agent. Failure to comply with the Company's construction standards and specifications permits the Company to refuse utility service until such standards and specifications are met.

(3) Request service at such time that the lines may be installed before curbs, pavements and sidewalks are laid; carefully coordinate scheduling of the Company's line and facility installation with the general project construction schedule, including coordination with any other utility sharing the same trench; keep the route of lines clear of machinery and other obstructions when the line installation crew is scheduled to appear; and otherwise cooperate with the Company to avoid unnecessary costs and delay.

(4) Pay to the Company any necessary and additional costs incurred by the Company as a result of the following:

a) Installation of underground facilities that deviate from the Company's underground construction standards and specifications if such deviation is requested by the applicant for electric service and is acceptable to the Company.
b) A change in the plot plan by the applicant for electric service after the Company has completed engineering for the project and/or has commenced installation of its facilities.
c) Physical characteristics such as oversized lots or lots with extreme set-back where under the Company's line extension policy contained in this tariff a change is mandated for overhead service.

(5) No charges other than those described in paragraph (4) of this subsection shall be borne by the applicant for electric service or by any other utility sharing the same trench, even if the Company elects to perform its own excavating and backfilling.

D. APPLICABILITY. The provisions of this rule will apply to all applications for service to developments, herein before defined, which are filed after the effective date of this tariff.

E. SUBDIVISIONS. Underground facilities in new residential developments are only required by Sections 57.81 through 57.87 of Title 52 when a bona fide developer exists, i.e., only when utility-ready lots are provided by the developer. A mere subdivision is not required to have underground service. However, should the lot owner or owners in a subdivision desire underground service, such service shall be provided by the Company if such lot owner or owners, at their option, either comply with Section 57.83 of title 52, or pay to the Company such charges as are contained in the Company's tariff for service not required by Title 52.

7.4 TAX ACCOUNTING OF CONTRIBUTIONS IN AID OF CONSTRUCTION AND CUSTOMER ADVANCES. All contributions in aid of construction (CIAC), customer advances or other like payments received by the Company shall constitute taxable income as defined by the Internal Revenue Service. The income taxes on such CIAC or customer advances will be segregated in a deferred account for inclusion in rate base in a future rate case proceeding. Such income taxes associated with CIAC or customer advances will not be charged to the specific contributor of the capital.

8. RIGHTS-OF-WAY

8.1 TERM AND RENTALS. When the premises of a customer is so located that the customer can be served only by facilities extending over the property of another, the customer shall accept service for such term as is provided in a permit or other applicable agreement covering the location and the maintenance of service equipment, and shall reimburse the Company for any and all special or rental charges that may be made for such rights by said permit or agreement.

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RULES AND REGULATIONS (continued)

8.2 PROCUREMENT BY CUSTOMER. Customers applying for the construction of an extension may be required to secure to, and for, the Company, all necessary and convenient rights-of-way and to pay any associated costs.

8.3 DELAYS. Applications for service from an extension to be constructed where a right-of-way is not owned by the Company will only be accepted subject to delays incident to obtaining a satisfactory right-of-way.

9. INTRODUCTION OF SERVICE

9.1 WIRING IN PROGRESS. Service-supply lines will not be installed before the time that the customer's wiring of the premises is actually in progress.

9.2 INSPECTION. The Company reserves the right to refuse the introduction of service unless a written certificate of approval, satisfactory to the Company, has been received from a competent inspection agency authorized to perform this service in the specific locality in which service is to be provided.

9.3 COMPANY'S RIGHT TO INSPECT. The Company shall have the right, but shall not be obliged to inspect, any installation before it begins to deliver electricity or at any later time, and reserves the right to reject any wiring or appliances not in accordance with the Company's standard requirements; but such inspection, or failure to inspect, or to reject, shall not render the Company liable or responsible for any loss or damage, resulting from defects in the installation, wiring, or appliances, or from violation of Company rules, or from accidents which may occur upon the premises of the customer.

9.4 DEFECTIVE INSTALLATION. The Company may refuse to connect if, in its judgment, the customer's installation is defective, or does not comply with such reasonable requirements as may be necessary for safety, or is in violation of the Company's standard requirements.

9.5 UNSATISFACTORY INSTALLATION. The Company may refuse to connect if, in its judgment, the customer's equipment, or use thereof, might injuriously affect the equipment of the Company, or the Company's service to other customers.

9.6 FINAL CONNECTION. The final connection between the customer's installation and the Company's service lines shall be made by or under the supervision of a representative of the Company, except for standard single-phase secondary aerial service, in which case the customer may make the final connection in accordance with the Company's standard requirements.

9.7 NEW OR TRANSFER CUSTOMER CHARGE. When a customer's account for service is initiated or when a customer's account is transferred from one address to another address, there will be a charge of $6.00 to cover the clerical expenses incurred by the

Company. The State Tax Adjustment Clause applies to this charge.

10. COMPANY EQUIPMENT

10.1 COMPANY MAINTENANCE. The Company shall keep in repair and maintain its own property installed on the premises of the customer.

10.2 CUSTOMER'S RESPONSIBILITY. The customer shall be responsible for safekeeping of the Company's property while on the customer's premises. In the event of injury or destruction of any such property the customer shall pay the costs of repairs and replacement. Any changes made to the Customer's premises after the Company completes its service and meter installation that, in the opinion of the Company, creates an unsafe condition, shall be the Customer's responsibility to pay any costs associated with remedying the unsafe condition including, but not limited to, any required protective measures and/or relocations of Company property.

Customers with privately owned or operated underground utility facilities on their premises may have obligations as facility owners under the Underground Utility Line Protection Act, 73 P.S. Section 176 et. seq. These include becoming a member of Pennsylvania One Call, maintaining said facilities, and providing approximate locations of said facilities with temporary markings within the required time period in response to Pennsylvania One Call notifications. Customers should create and retain as-built drawings reflecting the locations of said facilities on the premises and revise these drawings as necessary to reflect any changes made following installation. If said facilities are insufficiently marked prior to the lawful start date of any Company excavation or construction work, the Company has the right to require the associated customer to bear all incremental costs necessary to ensure safe digging by the Company, including but not limited to subsurface utility excavation and engineering, materials, supplies, transportation, labor, and overhead. If 1) said facilities are insufficiently marked prior to the lawful start date of any Company excavation or construction work or 2) the Company is unable to notify a facility owner of its intent for excavation or similar work covered under the Act because the facility owner is not a member of the Pennsylvania One Call system, the Company shall not be liable to customers or any other third parties for any damages, including property damage, economic damages, costs, associated consequential damages or personal injuries.

10.3 PROTECTION BY CUSTOMER. The customer shall protect the equipment of the Company on the premises, and shall not permit any person, except a Company employee having standard badge of the Company or other Company identification, to break any seals upon, or do any work on, any meter or other apparatus of the Company located on the customer's premises.

10.4 TAMPERING. In the event of the Company's meters or other property being tampered or interfered with, the customer being supplied through such equipment shall pay the amount which the Company may estimate is due for service used but not registered on the Company's meter, and for any repairs or replacements required, as well as for costs of inspections, investigations, and protective installations.

10.5 RIGHT OF ACCESS. The Company's identified employees shall have access to the premises of the customer at all reasonable times for the purpose of reading meters, and for installing, testing, inspecting, repairing, removing or changing any or all equipment belonging to the Company. In the event of an emergency, the Company shall have the right to access customer owned facilities and equipment for the purpose of restoring electric service, for the purpose of rendering the electric facilities safe and reliable, or for the purpose of reducing the likelihood of damage to the Company's facilities and equipment.

10.6 OWNERSHIP AND REMOVAL. All equipment supplied by the Company shall remain its exclusive property, and the Company shall have the right to remove the same from the premises of the customer at any time after the termination of service from whatever cause.

10.7 POLE REMOVAL OR RELOCATION REQUESTED BY RESIDENTIAL PROPERTY OWNERS. The cost for removal or relocation of distribution line poles and their associated attachments made pursuant to the request of a residential property owner who is not entitled to receive condemnation damages to cover the cost of such work shall be borne by the property owner and shall be limited to contractor, direct labor, and direct material costs incurred less maintenance expenses avoided as a result of the pole removal or relocation. The calculation of such cost for removal or relocation shall be in accordance with the Public Utility Commission Regulations - Title 52, Section 57.27.

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RULES AND REGULATIONS (continued)

10.8 RELOCATION OF COMPANY FACILITIES REQUESTED BY NON-RESIDENTIAL PROPERTY OWNERS. Except as otherwise provided by law (e.g., 66 Pa.C.S. Section 2704, et seq.), a non-residential property owner, such as a builder, developer or contractor (Owner), shall pay to the Company the costs of relocation of Company facilities or equipment, made for the accommodation of the Owner or in fulfillment of the Owner's obligation to any public authority. If the facility relocation is made to accommodate the Owner's project or in fulfillment of the Owner's obligation to any public authority, then the Owner shall be responsible to pay PECO for the relocation costs even if the relocation request is made by an entity other than the Owner. A request for relocation of Company facilities shall be in writing. The relocation cost shall include labor (including overhead), materials, storeroom expense and transportation, less the depreciated value of any equipment replaced. Where the relocation is done in conjunction with construction of a supply line to a development, the Company shall include in the relocation cost only those costs caused by the Owner's request. The Company will notify the Owner in writing of the relocation cost. Advance payment of relocation costs will be required before the Company will commence the work, except, at the sole discretion of the Company, under special circumstances.

Where the relocation relates to a development that will generate additional revenue for the Company, the Company will give the Owner an initial credit against the relocation costs in an amount not to exceed 5% of the estimated annual revenue recovered through the Company's tariffed Variable Distribution Service Charges from the portion of the development under construction at the time of the relocation request. The Company will give the Owner an additional credit against relocation costs not to exceed 5% of the estimated additional revenue recovered through the Company's tariffed Variable Distribution Service Charges realized from new load on the PECO Energy system due to buildings not under construction at the time of the initial relocation but that are under roof within a five (5) year period from the date of completion of the relocation work. Credits will be held by the Company and distributed to the owner, on a pro-rated basis, as additional loads from the development are connected to PECO Energy's distribution system. No credits will be given for loads connected after the five year period from the date of completion of the relocation work. When the relocation is done in conjunction with extension of a line in accordance with §7.2 of the Tariff, the Company will include in the credit calculation only such estimated annual revenue that exceeds the minimum revenue guarantee required by §7.2. The cost and expense of project changes which require a second relocation of the same Company facilities shall be borne solely by the party requesting the change without offset or credit.

10.9 AERIAL LINE CLEARANCE. In accordance with the requirements set forth in the National Electrical Safety Code, the Company shall have the right to trim, remove, or separate trees, vegetation or any structures therein which, in the opinion of the Company, interfere with its aerial conductors, such that they may pose a threat to public safety or to system reliability.

10.10 ADVANCED METER SERVICES PERFORMED BY AMSPs. The provisions of this Rule 10 are subject to the terms of the Electric Generation Supplier Coordination Tariff.

10.11 RECOVERY FOR PROPERTY DAMAGE. If Company equipment is damaged through the negligence or intentional act(s) of any individual(s) or entity(s), the one(s) responsible for causing the damage shall reimburse the Company for all aspects of the resulting damages. The reimbursement shall include costs related to: labor, material, transportation and tools. "Labor" shall include benefit and administrative overheads based on the Company's current standard schedule, including third party contract repairs or modifications. Additionally, "Labor" may be calculated using a "blended" or average pay rate consistent with the above referenced standards. "Materials" may include an added stores expense calculated using the above referenced standards.

11. TARIFF AND CONTRACT OPTIONS

11.1 CHOICE OF RATE. When the class of service-supply or conditions of use are such that two or more Base Rates are available, a customer shall select the Base Rate on which the customer will be billed.

11.2 COMPANY ASSISTANCE. The Company upon request will, to a reasonable extent, assist customers in selecting the most advantageous Base Rate or rate application (i.e., Base rate together with applicable riders).

11.3 RATE CHANGES. A customer may not change Base Rates during the "initial contract term" as defined in the "Definition of Terms and Explanation of Abbreviations" section above unless the Company agrees to permit the change. At any other time, a customer may change to a firm rate for which the customer qualifies upon 30 days notice to the Company. Customer ownership and obligation to maintain customer owned transformation facilities and equipment, as well as the point of delivery, will be unaffected by any Base Rate change initiated by the customer.

A customer may request that the Company modify the terms of its contract, other than the customer's Base Rate, but the Company will only allow such modification when, in the Company's sole judgment, the modification does not conflict with the Company's Tariff and is not detrimental to the Company.

The Company will not make any Base Rate change retroactive, unless, in the Company's sole judgment, the Company failed to adequately respond to a customer's request for assistance or modification at the time of such request.

RULES AND REGULATIONS (continued)

12. SERVICE CONTINUITY

12.1 LIMITATION ON LIABILITY FOR SERVICE INTERRUPTIONS AND VARIATIONS. The Company does not guarantee continuous, regular and uninterrupted supply of service. The Company may, without liability, interrupt or limit the supply of 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 is also not liable for any damages due to accident, strike, storm, riot, fire, flood, legal process, state or municipal interference, or any other cause beyond the Company's control.

In all other circumstances, the liability of the Company to customers or other persons for damages, direct or consequential, including damage to computers and other electronic equipment and appliances, loss of business, or loss of production caused by any interruption, reversal, spike, surge or variation in supply or voltage, transient voltage, or any other failure in the supply of electricity shall in no event, unless caused by the willful and/or wanton misconduct of the Company, exceed an amount in liquidated damages equivalent to the greater of $1000 or two times the charge to the customer for the service affected during the period in which such interruption, reversal, spike, surge or variation in supply or voltage, transient voltage, or any other failure in the supply of electricity occurs. In addition, no charge will be made to the customer for the affected service during the period in which such interruption, reversal, spike, surge or variation in supply or voltage, transient voltage, or any other failure in the supply of electricity occurs. A variety of protective devices and alternate power supplies that may prevent or limit such damage are available for purchase by the customer from third parties.

The Company makes no warranty as to merchantability or fitness for a particular purpose, express or implied, by operation of law or otherwise. To the extent applicable under the Uniform Commercial Code or on any theory of contract or products liability, the Company limits its liability in accordance with the previous paragraph to any Customer or third party for 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.

12.2 ADDITIONAL LIMITATIONS ON LIABILITY IN CONNECTION WITH DIRECT ACCESS. Other than its duty to deliver electric energy and capacity, the Company shall have no duty or liability to a customer receiving Competitive Energy Supply arising out of or related to a contract or other relationship between such a customer and an EGS.

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

The Company shall have no duty or liability with respect to electric energy before it is delivered by an EGS to a point of delivery on the PECO Energy 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 electric energy and capacity from the Company.

12.3 EMERGENCY LOAD CONTROL. Pursuant to order of Pennsylvania Public Utility Commission, the following provision is incorporated in this Tariff:

Whenever the demands for power on all or part of the Company's system exceed or threaten to exceed the capacity than actually and lawfully available to supply such demands, or whenever system instability or cascading outages could result from actual or expected transmission overloads or other contingencies, or whenever such conditions exist in the system of another public utility or power pool with which the Company's system is interconnected and cause a reduction in the capacity available to the Company from that source or threaten the integrity of the Company's system, a load emergency situation exists. In such case, the Company shall take such reasonable steps as the time available permits to bring the demands within the then-available capacity or otherwise control load. Such steps shall include but shall not be limited to reduction or interruption of service to one or more customers, in accordance with the Company's procedures for controlling load.

The Company shall establish procedures for controlling load including schedules of load shedding priorities to be followed in compliance with the foregoing paragraph, may revise such procedures from time to time, and shall revise them if so required by Pennsylvania Public Utility Commission. A copy of such procedures or of the revision thereof currently in effect shall be kept available for public inspection at the Company's Principle Office, and another such copy shall be kept on file with the Pennsylvania Public Utility Commission.

12.4 EMERGENCY ENERGY CONSERVATION. Pursuant to order of the Pennsylvania Public Utility Commission, the following provision is incorporated in this Tariff:

Whenever events occur which are actually resulting, or in the judgment of the Company threaten to result, in a restriction of the fuel supplies available to the Company or its energy suppliers, such that the amount of electric energy which the Company is able to supply is or will be adversely affected, an emergency energy situation exists.

In the event of an emergency energy conservation situation, the Company shall take such reasonable measures as it believes necessary and proper to conserve available fuel supplies. Such measures may include, but shall not be limited to reduction, interruption, or suspension.

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of service to one or more of its customers or classes of customers in accordance with the Company's procedure for emergency energy conservation.

The Company shall establish procedures for emergency energy conservation, including, if it deems necessary, schedules of service interruption and suspension priorities to be followed as prescribed by the foregoing paragraph.

The Company may revise such procedure from time to time, and shall revise them if so required by the Pennsylvania Public Utility Commission. A copy of such procedures or of the revision thereof currently in effect shall be kept available for public inspection at each office at which the Company maintains a copy of its Tariff for public inspection, and another such copy shall be kept on file with the Pennsylvania Public Utility Commission.

12.5 NOTICE OF TROUBLE. The customer must immediately notify the Company if service is interrupted or is otherwise unsatisfactory due to defects, trouble, or accident, affecting the supply of service.

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RULES AND REGULATIONS (continued)

12.6 RELOCATION OF DELIVERY POINT. In the event that the Company shall be required by any public authority to place underground any portion of its mains, wires, or service-supply lines, or relocate any poles or feeders, the customer, at the customer's own expense, shall change the location of his point of delivery to a point readily accessible to the new location.

13. CUSTOMER'S USE OF SERVICE

13.1 RESALE OF SERVICE. Pursuant to Section 1313 of the Public Utility Code, 66 Pa. C.S. § 1313, a customer may resell Energy and Capacity and/or service provided by PECO Energy under its default service plan if: (1) the Company provides such service under a single contract at one application of an available Base Rate and for the total requirements of the premises served, and (2) the location and use of the service conforms to the availability requirements of this Tariff for provision to the customer for the customer's own account.

All residential units connected after May 10, 1980, except those dwelling units under construction or under written contract for construction as of that date must be individually metered by either the Company, the AMSP or the landlord for their basic electric service supply. Centrally supplied master metered heating, cooling or water heating service may be provided if such supply will result in energy conservation. The bill rendered by the reseller to any consumer shall not exceed the amount which PECO Energy would bill its own residential customers for the same quantity of service under the applicable tariffed residential rate.

The requirements for individually metered dwelling units in new construction may be waived at the sole discretion of the Company. Such waiver will only be granted when the owner can demonstrate to the Company that there are valid reasons for such waiver and that there will not be a significant impact on the consumption of an individual customer.

In accordance with the Commission's Policy Statement at Docket No. M-2017-2604382, the electricity sales by a person, corporation or other entity, not a public utility, owning and operating an electric vehicle charging facility for the sole purpose of recharging an electric vehicle battery for compensation shall not be construed to be sales to residential consumers and therefore do not fall under the pricing requirements of 66 Pa.C.S. § 1313. Such sales are therefore not considered a resale of service as defined in this tariff rule, Rule 13.1.

13.2 FLUCTUATIONS. Electric service must not be used in such a manner as to cause unusual fluctuations or disturbances in the Company's supply system, and, in the case of violation of this rule, the Company may discontinue service, or require the customer to modify the installation and/or equip it with approved controlling devices.

13.3 TYPE OF INSTALLATIONS. Motor and other installations connected to the Company's lines must be of a type to use minimum starting current and must conform to the requirements of the Company as to wiring, character of equipment, and control devices.

13.4 UNBALANCED LOAD. The customer shall at all times take, and use, energy in such manner that the load will be balanced between phases to within nominally 10%. In the event of unbalanced polyphase loads, the Company reserves the right to require the customer to make the necessary changes at the customer's expense to correct the unsatisfactory condition, or to compute the demand used for billing purposes on the assumption that the load on each phase is equal to that on the greatest phase.

13.5 ADDITIONAL LOAD. The service connection, transformers, meters and equipment supplied by the Company for each customer, have definite capacity, and no additions to the equipment or load connected thereto will be allowed except by consent of the Company.

13.6 CHANGE OF INSTALLATION. The customer shall give immediate written notice to the Company of any proposed increase or decrease in, or change of purpose or location of, the installation.

13.7 FAILURE TO GIVE NOTICE. Failure to give notice of additions or changes in load or location shall render the customer liable for any damage to the meters or their auxiliary apparatus, or the transformers, or wires, of the Company, caused by the additional or changed installation.

14. METERING

14.1 SUPPLY OF METERS. An EGS that is also an AMSP may provide Advanced Meter Services in accordance with the Electric Generation Supplier Coordination Tariff. Otherwise, subject to Rules 14.3 and 14.9, the measurement of service for billing purposes shall be by meters furnished and installed by the Company. The Company will select the type and make of metering equipment to be used for meters supplied by the Company, and may, from time to time, change or alter the equipment, its sole obligation being to supply meters that will accurately and adequately furnish records for billing purposes. In fulfilling its obligations with respect to metering and meter reading, and with respect to AMSPs that provide Advanced Meter Services, the Company will comply with Electric Generation Supplier Coordination Tariff.

14.2 SPECIAL MEASUREMENTS. The Company shall have the right, at its option and its own expense, to place demand meters, reactive-component meters, or other instruments, on the premises of any customer except for any customer for whom an AMSP is providing Advanced Meter Services, for the purpose of measuring the demand and/or the power factor, or for other tests of all, or any part, of the customer's load.

14.3 CUSTOMER REQUEST FOR SPECIAL METER. If a customer for whom the Company is providing either metering and meter reading wishes to replace its billing metering equipment, to the extent technically possible, the Company may offer, provide and support a selection of qualified meters and may perform installation within a reasonable amount of time and at the expense of the customer. The customer must pay for any such metering equipment based on the net incremental cost of purchasing and installing the new metering equipment as approved by the Commission. The Company will own and maintain all such new metering equipment.

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RULES AND REGULATIONS (continued)

14.4 POWER FACTOR MEASUREMENT. For customers for whom the Company is providing metering and meter reading or Advanced Meter Services, the Company reserves the right to measure the power factor of the customer's load, either by test or by permanently installed instruments. For customers for whom an AMSP is providing Advanced Meter Services, the Company reserves the right to require such AMSP to measure the power factor of the load of the customer on the same basis the Company measures the power factor of customers for which the Company provides metering and meter reading or Advanced Meter Services.

14.5 REVERSE REGISTRATION. The Company may, by ratchet or other device, control its meters to prevent reverse registration.

14.6 ESTIMATED USAGE. The kilowatt-hours and billing demands to be paid for may be determined by computation instead of by measurement in the case of installations having a fixed load or demand value controlled to operate for a definite number of hours each day.

14.7 METER READING INTERVALS. The Company will read its meters in accordance with Appendix C to the Joint Petition for Full Settlement and at scheduled regular intervals of one month. Monthly customer usage will not be prorated for seasonality. For customers for whom it provides Consolidated EDC Billing or Separate EDC Billing, the Company will render standard bills for the recorded use of service based upon the time interval between meter readings. EGS & EDC charges shall be based on the EDC defined meter reading route schedules. Only those bills which cover a period of service of less than 26 days or more than 35 days will be prorated. The Company will render "short period" bills as needed to ensure a customer can switch their electric service in accordance with the accelerated switching process final omitted rulemaking order that amends 52 Pa. Code, Ch. 57.172 – 57.179. See Dockets No. L-2014-2409383 and P-2014-2446292.

14.8 ESTIMATED USAGE. For customers for whom the Company provides meter reading or Advanced Meter Reading Services, the Company shall estimate the amount of service supplied to premises where access to the meter is not available or if such estimate is necessary, and to installations at remote locations when warranted by the type of installation, regularity of usage, or other circumstances. For customers for whom it provides Consolidated EDC Billing or Separate EDC Billing, the Company will render bills in standard form based on such estimate and so marked, for the customer's acceptance. Meter readings will be secured from time to time and billing will be revised when they disclose that the estimate failed to approximate the actual usage. For residential customers, an actual meter reading will be obtained at least every six months in accordance with Commission regulations.

14.9 CUSTOMER SELECTED ADVANCED METERS. A customer may request either PECO Energy or an AMSP to have an Advanced Meter installed and have Advanced Meter Services provided pursuant to Appendix C of the Joint Petition for Full Settlement and any applicable rules adopted by the Commission. For an advanced meter to be deployed in the PECO Energy service territory, it must be included in the Commission's Advanced Meter Catalog, and indicated as eligible for deployment in the PECO Energy territory.

14.10 MANUAL METER READING FEE Upon customer request, the Company will secure an in-person meter reading to confirm the accuracy of an automatic meter reading when a customer disconnects service or a new service request is received. The fee is $45 and the Company will include this fee on the customer's or applicant's bill.

15. DEMAND DETERMINATION

15.1 MEASURED DEMANDS. Measured demands may be quantified by recording or indicating instruments showing, unless otherwise specified, the greatest 30-minute rate-of-use of energy, provided that in the case of hoists, elevators, welding machine, electric furnaces, or other installations where the use of electricity is intermittent or subject to violent fluctuation the demand may be fixed by special determination.

15.2 DEMAND DETERMINATION.

(a) Special Determination. Where charges specified in this Tariff are based upon the customer's demand, it is intended that such demand shall fairly represent the customer's actual demand that the Company must stand ready to serve. In the case of installations where the customer's regular use of service in the ordinary course of the customer's business is such that measurement over a thirty-minute interval does not result in a fair or equitable measure of the customer's demand, then the demand may be estimated from the known character of use and the rating data of the equipment connected, or from special tests. The intent of this provision is that the demand so determined shall fairly represent the demand that the Company must stand ready to serve**.**

(b) Demand Waiver. When a customer wishes to conduct a test of equipment or process that is not part of the customer's normal operations, the customer may request that the Company waive the demand caused by that test, if that demand is the highest measured demand in the billing month. The Company will agree to such a waiver if the following conditions are met:

1. The Company's metering is of a type which allows for the determination of 30-minute demands; and
2. The customer's request is in writing, and is received by the Company at least 15 business days before the date of the commencement of the proposed test. The request must specify the nature of the test, the size of the loads to be tested and the starting and ending times; and
3. The Company determines that the tests are not a part of the customer's normal operations; and
4. The test will not last for more than twelve (12) consecutive hours; and
5. The customer has not conducted a test and received a demand waiver for a test pursuant to this rule within one year of the proposed test.

Upon receipt of a request for a demand waiver, the Company will inform the customer in writing within fifteen (15) days of receipt of the customer's request whether it will grant the proposed waive

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RULES AND REGULATIONS (continued)

15.3 POWER FACTOR ADJUSTMENT.

A. Standard Power Factor Values (based on measured demands)

Measured Demands (Kw)	Standard Power Factor
0 -185	80%
186 - 2,500	90%
Over 2,500	95%

B. Adjustment to Measured Demand. When a customer's measured power factor is less than the standard power factor values above, the Company shall increase the customer's measured demand by the ratio of the standard power factor to the measured power factor. The Company will then use this adjusted demand as a basis for calculating the customer's billing demand in accordance with the applicable rate schedule.

C. Determining Measured Power Factor:

1) For customers with measured demands of 750 kW or greater in three consecutive months:

(a) Until metering equipment capable of continuous power factor measurement is installed, the Company shall determine measured power factor based C3 below.
(b) Once capable metering is installed, the Company shall continuously measure power factor.
i. The customer's measured power factor shall coincide with the customer's maximum measured demand.

ii, The Company in its sole judgment may discontinue continuous power factor measurement if: (1) the customer's measured demand is less than 750 kW for twelve consecutive months, or: (2) the Company determines that changes to the customer's load characteristics will result in that customer permanently reducing measured demand to less than 750 kW.

2) For customers with measured demands of less than 185 kW:

(a) If the Company in its sole judgment deems that that the power factor is likely to be less than this standard based on the customer's load, the Company shall determine measured power factor based on C3 below.
(b) Otherwise, the Company shall assume the customer's measured power factor to be the standard noted above

3) For all other customers, including those with measured demands between 185 kW and 750 kW, the Company shall determine measured power factor in one of the following ways:

(a) By test, at a time when the customer's load is at least two-thirds of the customer's maximum measured demand in the preceding eleven months.
(b) At the option of either the customer or the Company, by measurement as determined from meters installed by the Company, ratcheted to prevent reverse registration.
i. Customers requesting measurement of power factor shall be subject to a monthly meter charge determined in accordance with the cost of the meter installation. Such installation shall not be for less than one year.
ii. When meters are installed, the measured power factor shall be the power factor that is coincident with customer's maximum measured demand.

4) A customer that receives Advanced Meter Services from an AMSP is subject to these rules regarding determination of measured power factor.

16. METER TESTS

16.1 METER TESTS. The Company at its expense, will make periodic tests and inspections of its meters in order to maintain them at a high standard of accuracy.

16.2 REQUEST TESTS. The Company will make additional tests or inspections of its meters at the request of a customer or an EGS providing Competitive Energy Supply to a customer, but reserves the right to make the charge provided for in the Electric Regulations of the Pennsylvania Public Utility Commission, under conditions therein specified.

16.3 ADJUSTMENT FOR ERROR. Should any of the Company's meters become defective or fail to register correctly, the use of electricity shall be determined by a test of any such meter, or by the registration of a meter set in its place during the period next following, or by averaging the amount registered for the preceding billing period and the amount registered during not less than one week immediately subsequent to the repairs to, or change of, the meter, taking into consideration the character of use by the customer.

16.4 RESIDENCE METER ERRORS. Meter errors in the Company's meters in residence service may be determined on the basis of the registration of the corresponding period during the preceding year, if records are available and conditions of use remain the same.

16.5 ADMINISTRATION TESTS. The Company, at its own expense, will make only such tests of the Company's meters as it deems necessary for the proper administration of its rates, or as are required by law.

16.6. TESTING SERVICE. The Company will, upon request by the customer, make tests of the Company's meters to supply special information regarding the customer's use of service, provided that the estimated cost of such special tests shall be paid by the customer to the Company at the Company's discretion.

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RULES AND REGULATIONS (continued)
17. BILLING AND STANDARD PAYMENT OPTIONS

17.1 BILLING PERIOD. Billing for service will be based upon the amount of use and the time interval of its delivery. The customer will be billed in accordance with rule 14.7. Rate values stated for direct application to monthly billing periods will be adjusted when time elapsed between readings is substantially greater or less than a month.

17.2 BILLING OPTIONS. A customer may select one of the following three billing options as communicated to PECO by the customer's supplier: (1) Consolidated EDC Billing; (2) Consolidated EGS Billing; and (3) Separate EDC/EGS Billing, as those terms are defined herein. If a customer does not make a selection, the customer shall receive Consolidated EDC Billing. When the Company provides Consolidated EDC Billing or Separate EDC Billing, it will comply with the terms and conditions of the Electric Generation Supplier Coordination Tariff.
For customers who receive both electric and gas service from the Company, the Company will issue a bill that contains charges for both of these services.

17.3 PAYMENT.

(a) The Company's bills to customers are payable upon presentation. Payment for service received must be made on or before the due date shown on the bill. The due date shall be determined by the Company and shall be not less than twenty days from the date of transmittal of the bill for Rates R, R-H, RS-2, POL and GS (excluding Summary Billing Accounts). The due date shall be not less than 15 days from the date of transmittal of the bill for all other rates, including Summary Billing Accounts. Notwithstanding the foregoing, the due date may be up to thirty days for accounts (including Summary Billing Accounts) with the United States of America, the Commonwealth of Pennsylvania, or any of their departments, political subdivisions, or instrumentalities. The Company may allow a reasonable amount of additional time for payment of bills on industrial and commercial accounts of creditworthy customers. If the due date that appears on a customer's bill falls on a Saturday, Sunday, bank holiday, or any other day when the offices of the Company which regularly receive payments are not open to the general public, the due date shall be extended to the next business day. The payment period will not be extended because of the customer's failure to receive a bill unless said failure is due to the fault of the Company.
(b) Payment may be made at any commercial office of the Company or at any authorized payment agency. The customer bears the risk of delivery of payment tendered on or after the date contained in any termination notice sent to the customer.
(c) The Company may require that a customer that is not creditworthy tender payment by means of a certified, cashier's, teller's, or bank check, or by wire transfer, or in cash or other immediately available funds.
(d) A customer must pay the undisputed portion of disputed bills under investigation. The Company will apply this rule to the disputed portion of disputed bills, if, and only if: (1) the Company has made diligent and reasonable efforts to investigate and resolve the dispute; (2) the result of the investigation is that the Company determines that the customer's claims are unwarranted or invalid; (3) the Commission and/or the Bureau of Consumer Services has decided a formal or informal complaint in the Company's favor and no timely appeal is filed, and (4) the customer nevertheless continues to dispute the same manner in bad faith.

17.4 PAYMENT PROCESSING. When the Company is providing Consolidated EDC Billing, Default Service or Separate EDC Billing, and the customer remits a partial payment to the Company, the payment will be applied as follows:

1. Any past due balances including those for prior PECO basic service charges, for prior EGS receivables purchased by the Company, for prior installment amounts on payment agreements, and also for any reconnection charges.
2. Any current charges including those for PECO basic service charges, for current EGS receivables purchased by the Company, and for current installment amounts on payment agreements.
3. Non-basic service charges.

17.5 LATE FEES AND COLLECTION COSTS. If payment is made at a Company office or authorized payment agency after the due date shown on the bill, a late fee will be added to the unpaid balance until the entire bill is paid. If payment is made by mail, the late fee will be added if the payment is received by the Company more than five days after the due date shown on the bill. For Rates R, R-H, RS-2, POL and GS this late fee will be 1-1/2 % per month; for all other rates the late fee will be 2% per month. If the Company files suit to collect a delinquent balance on an account (whether active or inactive) or to ensure payment of current bills, the customer will be required to pay the Company's out of pocket court costs (including filing, service, and witness fees) as ordered by the court and such costs will be added to commercial and industrial accounts. These terms also apply to Final Bills as defined in Tariff Rule 20.2.

17.6 BUDGET BILLING.

(a) At the option of a customer receiving residential service under Rates R, R-H, RS-2, and GS, an estimated total bill for all service to be received by the customer over a twelve month period may be budgeted over the period and an average bill rendered monthly for payment each month. Any difference between the budgeted amounts so paid and the actual charges for a twelve month budget period will at the customer's option, either be amortized over the next twelve months or incorporated into the 12th month bill. Absent an indication of preference from the customer, the debit or credit will be amortized. Budget billing may be discontinued upon the customer's request at which time any difference between budget billing amounts and actual charges becomes due and payable. If a monthly budget bill is not paid, a late fee will be added to the unpaid balance of actual charges on the next billing date in accordance with Rule 17.3 and 17.5. Any such late fee will be calculated based on the lesser of budget billing arrears and actual charged arrears The Company may also arrange budget billing for creditworthy commercial and industrial customers.
(b) When the Company provides Consolidated EDC Billing, the EGS's charges will be included in the customer's Budget Billing Plan.

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RULES AND REGULATIONS (continued)

17.7 CALCULATION OF LATE FEE. Where a late fee is applicable, the amount of the late fee to be added to the unpaid balance shall be calculated by multiplying the unpaid past due balance, exclusive of any previous unpaid late fees, by the appropriate late fee rate.

17.8 TAX EXEMPTION. If a customer is tax exempt, the customer must provide a tax exempt form to PECO Energy and to its EGS, regardless of which billing option the customer chooses.

17.9 BILLING ERRORS. When the Company provides Consolidated EDC Billing, PECO Energy shall not be responsible for billing errors resulting from incorrect price information received from an EGS.

17.10 RETURNED PAYMENT CHARGE. If a check (electronic or paper) received in payment of a customer's account is returned to the Company unpaid or if upon a second attempt by the Company or its agent for payment the check is again returned unpaid, then the Company will add a returned payment charge to the customer's account in the amount of **$20.00.**

17.11 APPLICABILITY TO CUSTOMERS RESIDING AT PLACE OF BUSINESS. For purposes of all of the provisions of Rule 17, when a customer resides at a place of business or commercial establishment legitimately served pursuant to a commercial or industrial Base Rate, that is not a residential dwelling unit attached thereto, the customer is not thereby entitled to any of the protections in the Public Utility Code or the Commission's regulations implementing the Pennsylvania Public Utility Code, or to any of the provisions of these rules or this Tariff, that apply exclusively to payment terms for residential customers.

18. PAYMENT TERMS & TERMINATION OF SERVICE

18.1 NON-PAYMENT TERMINATION. When the Company is providing either Consolidated EDC Billing or Separate EDC Billing, the customer is subject to collection action, including termination of service (in accordance with the Pennsylvania Public Utility Code or the Commission's regulations, on the portion of the past due amount attributable to the Company's charges for: (1) service, (2) Energy and Capacity and (3) to Customer EGS Receivables purchased by the Company. Upon termination of service, the Company may also remove its equipment. Notice that complies with applicable Commission regulations shall conclusively be considered to be "reasonable" hereunder

18.1.1 WINTER TERMINATIONS FOR NON-PAYMENT. Consistent with 52 PA Code §56.100, The Company will take the following steps for terminations for non-payment during the winter period, defined as December 1-March 31:

A. **Low-Income Eligibility:** The Company will use financial information provided by the Customer to determine if the Customer's income is at or below 250% of the Federal Poverty Level. The Company may elect to send to the Customer an income verification form for completion and return. The Company will also accept income verification provided by Community-Based Organizations that enter into a contract with PECO to provide such income verification services.

1. Annual income may be established using verified income information for a recent one-month (nominally 30-day) period, annualized to establish an estimated annual income.
2. The Company shall not require any customers who have established income eligibility for winter termination protections within the 12 months preceding the start of the winter period to re-certify or re-verify their income for that winter period. This Company may also use this information to determine deposit requirements, payment arrangements, and eligibility for any other income-specific program.

B. **Verified Low-Income Customers:** If the Company has received verified proof that a customer's household has income at or below 250% of the Federal Poverty Level, the Company will not pursue termination of that customer for non-payment during the winter period UNLESS (A) the Company receives Commission approval to do so via a petition filed pursuant to 52 Pa. Code §56.100(g), or (B) the customer has informed the Company after submitting this verification that the household no longer has income at or below 250% of the Federal Poverty Level.

For purposes of this section, the Company will accept the following as verified proof that the household has income at or below 250% of the Federal Poverty Level:

1. Enrollment in PECO's CAP program at any time within four years prior to the issuance of the winter termination notice;
2. Receipt of a LIHEAP grant at any time within four years prior to the issuance of the winter termination notice;
3. Receipt of a MEAF grant at any time within four years prior to the issuance of the winter termination notice;
4. Income verification provided by a CBO that has contracted with PECO to provide income verification information, as long as such documentation was received within four years prior to the issuance of the winter termination notice;
5. Other verified documentation that the household's income is at or below 250% of the Federal Poverty Level, as long as such documentation was received within four years prior to the issuance of the winter termination notice;
6. Receipt of verified documentation of low-income status in response to an Income Inquiry Letter, as described in Rule D.1 below.

C. **Verified Non-Low-Income Customers:** If the Company has received verified proof that a customer's household has income of greater than 250% of the Federal Poverty Level, the Company will pursue termination for non-payment during the winter period utilizing the termination notices and procedures that would be followed outside of the winter period.

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D. **Customers with Non-Verified Income Levels:** For all other customers, prior to proceeding with termination for non-payment, the Company will send the customer a letter (the "Income Inquiry Letter") informing the customer that the Company does not have verified income information for the customer and that the customer is subject to termination for non-payment during the winter period.

1. If the customer responds with verified income information demonstrating that the household income is at or below 250% of the Federal Poverty Level, the Company will treat that household as Verified Low-Income for purposes of winter termination;
2. If the customer responds with verified income information demonstrating that the household income is greater than 250% of the Federal Poverty Level, the Company will pursue termination for non-payment during the winter period utilizing the termination notices and procedures that would be followed outside of the winter period.
3. If the customer fails to respond to the Income Inquiry Letter or responds without providing verified income information, the Company will attempt to contact the customer via telephone to inform the customer of their duty to provide verified income information. If contact is made and verified income information is not provided by the customer, or if contact is not made, the Company will pursue termination for non-payment during the winter period utilizing the termination notices and procedures that would be followed outside of the winter period.

18.2 PAYMENT TERMS. When the Company is providing either Consolidated EDC Billing or Separate EDC Billing, the Company will in accordance with Pennsylvania Public Utility Law and applicable Pennsylvania Public Utility Commission Regulations and Orders, negotiate payment arrangements on the portion of the past due amount attributable to its charges for: (1) service (2) Energy and Capacity and (3) to Customer EGS Receivables purchased by the Company. However, the Company will not negotiate payment arrangements on behalf of an EGS.

18.3 TERMINATION FOR CAUSE. The Company may terminate on reasonable notice if entry to the meter or meters is refused or if access thereto is obstructed or hazardous; or if utility service is taken without the knowledge or approval of the Company; or for other violation of these Rules and Regulations and/or applicable Commission rules, including those found at Pennsylvania Public Utility Code or the Commission's regulations.

18.4 SAFETY TERMINATION. The Company may terminate without notice if the customer's installation has become hazardous or defective.

18.5 DEFECTIVE EQUIPMENT TERMINATION. The Company may terminate without notice if the customer's equipment or use thereof might injuriously affect the equipment of the Company, or the Company's service to other customers; or if a certificate of approval is refused after a re-examination of the customer's installation by a competent inspection agency authorized to perform this service in the specific locality where service is provided.

18.6 TERMINATION FOR FRAUD. The Company may terminate without notice for abuse, fraud, material misrepresentation of the customer's identity, or tampering with the connections, the Company's meters, or other equipment of the Company.

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RULES AND REGULATIONS (continued)

18.7 RECONNECTION CHARGE. If service is terminated or discontinued by reason or act of the customer, the same customer, whether an applicant or a customer as defined at 66 Pa. C.S. § 1403, shall pay a reconnection charge prior to restoration of service at the same address within twelve months after discontinuance or termination. The reconnection charges, listed below, are based on the Company's current standard schedule of reconnection fees, which include direct labor costs, contractor costs, and material/transportation costs. All theft reconnections will be completed at the premise and will not be performed remotely.

	Reconnect Fees
Electric Reconnect at the Meter	**$ 75.00**
Electric Reconnect at Tap	**$ 260.00**
Electric Reconnect - Underground dig	**$ 1,650.00**
Electric with dual meters	**$ 100.00**
Electric Remote Reconnect (one or dual meters)	**$ 20.00**

18.8 THEFT INVESTIGATION CHARGE. If the Company's meters or other Company equipment on the customer's premises have been tampered or interfered with by any means whatsoever, the customer being supplied through such equipment whether an applicant or a customer as defined at Pa. C.S. § 1403 shall pay a theft investigation charge in addition to any amount that the Company estimates is due for service used, but not registered on the Company's meter. These theft investigation charges listed below include allocated overheads, all investigative costs and administrative cost deemed necessary by the Company to correct any and all unauthorized conditions at the premise. The Company reserves the right to assess theft investigation charges as a precedent to reconnection of service as well as the right to assess a separate reconnection charge as described in Rule 18.7.

	Theft Investigation Fees
Electric Theft at Meter	**$460.00**

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RULES AND REGULATIONS (continued)

19. UNFULFILLED CONTRACTS

19.1 NOTICE OF DISCONTINUANCE BY CUSTOMER. Notice to discontinue service before the expiration of a contract term will not relieve a customer from any minimum, or guaranteed, payment under any contract or rate. In the case of residential customers this Rule only applies if the customer has signed an express written contract that clearly sets forth such a term and condition of service.

19.2 COMPLETION OF TERM. If, by reason of any act, neglect or default of a customer, the Company's service is suspended, or the Company is prevented from providing service in accordance with the terms of any contract it may have entered into with the customer, the minimum charge for the unexpired portion of the initial contract term shall become due and payable immediately as liquidated damages. These liquidated damages may, at the option of the Company, be offset by estimated revenues from a succeeding customer at the same location, if such exists.

20. CANCELLATION BY CUSTOMER

20.1 TERMINATION NOTICE. Customers who have fulfilled their initial contract term and wish to discontinue service from the Company must give the Company at least 7 days' written notice to that effect.

20.2 FINAL BILL. The customer is liable for service taken after notice to terminate the contract, until the meter is read and/or disconnected. The final bill for service is then due.

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RULES AND REGULATIONS (continued)

21. GENERAL

21.1 OFFICE OF THE COMPANY. Wherever, in this Tariff, it is provided that notice be given or sent to the Company, or the office of the Company, such notice, delivered or mailed, postage prepaid to any commercial office, shall be deemed sufficient, unless the Principal Office of the Company at 2301 Market Street, Philadelphia, is expressly mentioned.

21.2 NO PREJUDICE OF RIGHTS. The failure by the Company to enforce any of the terms of this Tariff shall not be deemed a waiver of its right to do so.

21.3 GRATUITIES TO EMPLOYEES. The Company's employees are strictly forbidden to demand or accept any personal compensation, or gifts, for service rendered by them while working for the Company on the Company's time.

21.4 BILLING CHANGES. Where billing changes are made as the result of an investigation made at customer's request or by routine inspection, the change of billing may be applied to the bill for the regular meter reading period preceding such investigation, and will, in any event apply to the bill for the period during which the investigation is made.

21.5 EXCEPTIONAL CASES. The usual supply of electric service shall be subject to the provisions of this Tariff; but where special service-supply conditions or problems arise for which provision is not otherwise made, the Company may modify or adapt its supply terms to meet the peculiar requirements of such case, provided that such modified terms are a rational expansion of standard tariff provisions.

21.6 ASSIGNMENT. Subject to the Rules and Regulations, all contracts made by the Company shall be binding upon, and oblige and inure to the benefit of, the successors and assigns, heirs, executors and administrators of the parties thereto.

21.7 OTHER CHARGES. The Company may, if feasible, provide and charge for services, other than those provided for in this Tariff, when requested by the customer. The Company is not obligated to provide such services. The Company will, if possible, give the customer an advance written estimate of the costs to provide the service. Costs shall include, but not be limited to, materials, supplies, labor, transportation and overhead.

21.8 TAX INDEMNIFICATION. If PECO Energy becomes liable under Section 2806(g) or 2809(c) of the Public Utility Code, 66 C.S. §§ 2806(g) and 2809(c), for Pennsylvania state taxes not paid by an Electric Generation Supplier (EGS), the non-compliant EGS shall indemnify PECO Energy for the amount of additional state tax liability imposed upon PECO Energy 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 Reform Code of 1971 or Chapter 28 of Title 66.

22. RULES FOR DESIGNATION OF PROCUREMENT CLASS

22.1 DESIGNATION OF PROCUREMENT CLASS

a) Annually, in November the Company shall notify the customer of their procurement group class designation which shall be effective the following June 1.
b) The procurement class designation shall be used to determine the appropriate Generation Supply Adjustment to apply to the customer.
c) For non-residential customers, the procurement class shall be determined based upon the customers peak measured demand in the prior June-May period.
d) There shall be three procurement class designations. They are:
   1)Residential
   2)Small Commercial and Industrial up to and including 100 kW
   3)Large Commercial and Industrial greater than 100 kW
e) Procurement class designation shall only change once per year on the date established in rule 22.1a
f) A new customer in a new facility shall be assigned to a procurement class based upon an engineering estimate of the customer's diversified peak demand.
g) A new customer in an existing facility shall be assigned to the same procurement class as the last customer in that facility unless the new customer will use the existing facility in a substantially different manner.

RULES AND REGULATIONS (continued)

23. EGS SWITCHING

23.1 PECO Energy will accommodate requests by customers to switch EGSs on active accounts and pending active (Instant Connect) accounts in accordance with this Rule 23, Commission Order M-2014-2401085, and other applicable Commission Orders.

23.2 To switch to a new EGS, a customer must inform the new EGS. Customers that wish to switch are not required to contact PECO Energy to initiate a switch; PECO Energy will only switch a customer in accordance with Rule 23.

23.3 To enable a new EGS to complete a switch, a customer must provide to the new EGS the customer's PECO Energy account number as it appears on the customer's PECO Energy monthly bill.

23.4 If a Customer contacts the Company to discontinue electric service and indicates that the Customer will be relocating outside of the Company's service territory, the Company will notify the current EGS of the Customer's discontinuance of service for the account at the Customer's location. If relocating within the Company's service territory the Company will seamlessly move the current EGS to the new location if all qualifications are met in accordance with PUC Order M-2014-2401085.

23.5 A switch to an EGS will be effective 3 business days after the enrollment request is processed, provided the enrollment request includes valid customer information as required by the controlling provisions of the Supplier Tariff. Upon receiving valid notice to switch an EGS, the Company shall notify the customer's existing EGS that such a request has been made.

23.6 If and when a customer's EGS discontinues its supply in the event of bankruptcy, loss of license, or similar occurrence, or if a Customer is dropped by its EGS for non-payment or other reason then the customer may select a new EGS. The customer will receive its energy supply from PECO Energy until the switch becomes effective.

23.7 Nothing in this Rule 23 shall be interpreted to preclude EGSs from entering into agreements for supply with a term of service of one month. EGSs may enter into agreements for longer.

23.8 The Company will send Release of Information packets to all new customers (except for customer with demands greater than 500kW), which information will provide customers the opportunity to authorize the release of their confidential account information. PECO annually notifies customers that they can change this authorization. Every three years, in accordance with PUC Docket No. M-2010-2183412, PECO will re-solicit its entire customer base (except for customer with demands greater than 500kW) for the purpose of opting out of disclosing information.

24. LOAD DATA EXCHANGE

24.1 PECO Energy will provide to a customer or the customer's designated EGS or authorized consultant, all available data from the meter once each calendar year for no fee. The exchange of data among PECO Energy, EGSs, and customers shall be in accordance with the Supplier Tariff and the Final Consensus Plan for Electronic Data Exchange Standards for Electric Deregulation in the Commonwealth of Pennsylvania, as approved by the Commission.

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STATE TAX ADJUSTMENT CLAUSE

In addition to the net charges provided for in this tariff, a value of 0.02% will apply to all PaPUC jurisdictional distribution charges in the Base Rates and Riders, effective January 1, 2021.

Whenever any of the tax rates used in the calculation of the surcharge are changed, or recoveries are authorized under Sections 2806, 2809 or 2810 of the Competition Act, the surcharge will be recomputed as prescribed by the Commission. The recalculation will be submitted to the Commission within ten days after the change occurs and the effective date shall be ten days after filing.

In addition, if a recalculation is submitted as a result of a tax rate change (including the Revenue Neutral Reconciliation rate) the Company will thereafter file each year by December 21 annual updates or revisions with the Commission which will reflect only this tax change. These annual updates will be effective ten days after filing and will continue until such time as the effect of the change in tax rates has been included in base rates.

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FEDERAL TAX ADJUSTMENT CREDIT (FTAC)

To pass the 2018 effects of the Tax Cuts and Jobs Act ("TCJA") to customers, the FTAC will apply a negative surcharge to all PaPUC jurisdictional distribution charges, on a bills-rendered basis beginning on January 1, 2019. This FTAC will be provided through a separate mechanism showing a line item on customer bills (e.g. Federal Tax Adjustment Credit – "FTAC").

The FTAC will be based on the difference in total annual revenue requirement before and after implementing the 2018 effects of the TCJA and the calculation will reflect the reduction in required revenues. The reduction in required revenues will be divided by estimated annual applicable base revenues to develop the total amount of 2018 benefits to be refunded to customers. The amount being refunded will include interest accrued in 2018 using the residential mortgage lending rate specified by the Secretary of Banking in accordance with the Loan Interest and Protection Law (41 P.S. §§ 101, et seq.). No interest will be paid to customers on any amount of TCJA savings held by the Company in 2019 and refunded to customers.

PECO will calculate the FTAC as follows, subject to reconciliation of revenues credited under the FTAC and the Company's actual 2018 TCJA savings after the end of the refund period:

- For residential, small commercial, and streetlighting customers (Rates R, RH, GS, SL-S, POL, AL, TLCL, SLE), PECO refunded the 2018 TCJA savings by applying the negative surcharge to bills rendered over a one-month period in January of 2019. As of January 1, 2021, the FTAC will be set to:

Rates R, RH:	0.00%
Rates GS, POL:	0.00%
Rates AL, TLCL, SLE, SLC, SLS:	0.00%

- For large commercial and industrial customers (Rates HT, PD, EP), PECO refunded the 2018 TCJA savings by applying the negative surcharge to bills rendered over a one-year period, effective January 1, 2019 through December 31, 2019. As of January 1, 2021, the FTAC will be set to:

Rates HT, PD, EP:	0.00%

The FTAC will be reconciled at the end of the recovery periods above. The Company may file interim rate adjustments to eliminate any over or under recovery of the surcharges outside of their respective filing periods. Such adjustments would be filed on at least 10 days' notice.

A final reconciliation statement will be filed within 30 days after completion of the final over/under collection refund/recovery. The FTAC revenues and reconciliation will be subject to audit by the Commission's Bureau of Audits.

The FTAC will not be included in the calculation of the Distribution System Improvement Charge (DSIC).

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GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASSES 1 AND 2 LOADS UP TO 100KW

Applicability: **June 1, 2017** this adjustment shall apply to all customers taking default service from the Company with demands up to 100 kW. The rate contained herein shall be calculated to the nearest one thousandth of a cent. The GSA shall contain the cost of generation supply for each tariff rate.

Pricing: The rates below shall include the cost of procuring power to serve the default service customers including the cost of complying with the Alternative Energy Portfolio Standards Act ("AEPS" or the "Act") plus associated administrative expenses incurred in acquiring power and gaining regulatory approval of any procurement strategy and plan. The pricing for default service will represent the estimate of the cost to serve the specific tariff rate for the next quarterly period beginning with the three months ended August 31, 2017. The rates in this tariff shall be updated quarterly on June 1, September 1, December 1 and March 1 commencing June 1, 2017 and are not prorated. If the balance of over/(under) recovery gets too large, the Company can file a reconciliation that will mitigate the subsequent impact. The generation service charge shall be calculated using the following formula:

GSA(n) = (C-E+A)/S*1/(1-T)* (1-ALL)/(1-LL) +AEPS/S*1/(1 - T) + WC where;

C= The sum of the amounts paid to the full requirements suppliers providing the power for the quarterly period, the spot market purchases for the quarterly period, plus the cost of any other energy acquired for the quarterly period. Cost shall include energy, capacity and ancillary services, distribution line losses, cost of complying with the Alternative Energy Portfolio Standards, and any other load serving entity charges other than network transmission service and costs assigned under the Regional Transmission Expansion Plan. Ancillary services shall include any allocation by PJM to PECO default service associated with the failure of a PJM member to pay its bill from PJM as well as the load serving entity charges listed in the Supply Master Agreement Exhibit D as the responsibility of the supplier. This component shall include the proceeds and costs from the exercise of Auction Revenue Rights granted to PECO by PJM.

AEPS = The projected total cost of complying with the Alternative Energy Portfolio Standards Act ("AEPS" or the "Act") not included in the C component above for the quarterly period for each procurement class. Costs include the amount paid for Alternative Energy and/or Alternative Energy Credits ("AEC's") purchased for compliance with the Act, the cost of administering and conducting any procurement of Alternative Energy and/or AEC's, payments to the AEC program administrator for its costs of administering an alternative energy credits program, payments to a third party for its costs in operating an AEC registry, any charge levied by PECO's regional transmission operator to ensure that alternative energy sources are reliable, a credit for the sale of any AEC's sold during the calculation period, and the cost of Alternative Compliance Payments that are deemed recoverable by the Commission, plus any other direct or indirect cost of acquiring Alternative Energy and/or AEC's and complying with the AEPS statute.

E = Experienced over or under-collection calculated under the reconciliation provision of the tariff to be effective semiannually with recovery during the periods March 1 through August 31 of the current year and September 1 of the current year through February 28 (29) of the following year.

A = Administrative Cost - This includes the cost of the Independent Evaluator, consultants providing guidance on the development of the procurement plan, legal fees incurred gaining approval of the plan and any other costs associated with designing and implementing a procurement plan including the cost of the pricing forecast necessary for estimating cost recoverable under this tariff. Also included in this component shall be the cost to implement real time pricing or other time sensitive pricing such as dynamic pricing that is required of the Company or is approved in its Act 129 filing. Administrative Costs also includes any other costs incurred to implement retail market enhancements directed by the Commission in its Retail Market Investigation at Docket No. I-2011-2237952 or any other applicable docket that are not recovered from EGSs or through another rate.

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S = Estimated sales for the period the rate is in effect for the classes to which the rate is applicable. Six month sales are used for the E factor with effective periods March 1 through August 31 of the current year and September 1 of the current year through February 28 (29) of the following year.

T = The currently effective gross receipts tax rate.

n = The procurement class for which the GSA is being calculated.

ALL = Average line losses for the procurement class.

LL = Line losses for the specific rate class provided in the Company's Electric Generation Supplier Coordination Tariff rule 6.6.

WC = $0.00019/kWh to represent the cash working capital for power purchases.

Auction Revenue Rights (ARR) = Allocated annually by PJM to Firm transmission customers, the ARR's allow a Company to select rights to specific transmission paths in order to avoid congestion charges. In general, the line loss adjustment is applicable to Procurement Class 2 only as those classes contain rate classes with three different line loss factors: Current Charges:

Rate		GSA Price
R	GSA (1)	$0.05761
RH	GSA (1)	$0.05761
GS	GSA (2)	$0.05243

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GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASSES 1 AND 2 LOADS UP TO 100KW (CONTINUED)

PD	GSA (2)	$0.05152
HT	GSA (2)	$0.04942
POL*	GSA (2)	$0.03361
SL-S*	GSA (2)	$0.03361
TLCL	GSA (2)	$0.05243
SL-E*	GSA (2)	$0.03361
AL*	GSA (2)	$0.03361
SL-C*, **	GSA (2)	$0.03361

* Prices shall exclude capacity from the Procurement Class 2 RFP results.
** Rate SL-C was effective July 1, 2019 pursuant to the Order at Docket No. R-2018-3000164

Procedure: For Procurement Classes 1 and 2 the GSA shall be filed 45 days before the effective dates of June 1, September 1, December 1 and March 1 in conjunction with the Reconciliation Schedule.

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GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASS 3/4 LOADS GREATER THAN 100KW

Applicability: June 1, 2017 this adjustment shall apply to all customers taking default service from the Company with demands greater than 100 kw.

Hourly Pricing Service

Pricing: The rates below shall include the cost of procuring power to serve the default service customers plus associated administrative expenses incurred in acquiring power and gaining regulatory approval of any procurement strategy and plan. The rates for the GSA 3/4 Hourly Pricing Adder* shall be updated quarterly on June 1, September 1, December 1 and March 1 commencing June 1, 2017 and are not prorated. If the balance of over/(under) recovery gets too large due to billing lag, the Company can file a reconciliation that will mitigate the subsequent impact. The cost for this hourly service rate shall be as follows:

Generation Supply Cost (GSC) = (C+R+AS+AC-E)/(1-T)+WCA where;

C = The PJM day ahead hourly price multiplied by the customers usage in the hour summed up for all hours in the month

ΣPJM_{DA} x usage / (1-LL)

PJM_{DA} – PJM on day ahead hourly price.
Usage - Electricity used by an end use customer.
R = The PJM reliability pricing model (RPM) charge for month for the customer. The RPM charge shall be the customers peak load contribution as established for PJM purposes multiplied by the current RPM monthly charge and the PJM established reserve margin adjustment.
PLC x (1+ RM) x P_{RPM} x Bill Days
PLC = Peak load contribution
RM = Reserve margin adjustment per PJM
P_{RPM} = Capacity price per MW-day
AC = Administrative Cost - This includes an allocation of the cost of the Independent Evaluator, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the plan, and any other costs associated with designing and implementing a procurement plan divided by the total default service sales and then multiplied by the customers usage for the month. Administrative Costs also includes any other costs incurred to implement retail market enhancements directed by the Commission in its Retail Market Investigation at Docket No. I-2011-2237952 or any other applicable docket that are not recovered from EGSs or through another rate.
A / S x Usage
A = Administrative cost
S = Default service sales
AS = The cost, on a $/MWH basis, of acquiring ancillary services from PJM and of complying with the Alternative Energy Portfolio Standard, multiplied by the customers usage for the month and divided by (1-LL). Congestion charges including the proceeds and costs from the exercise of
Auction Revenue Rights shall be included in this component. Ancillary services shall be those included in the Supply Master Agreement as being the responsibility of the supplier.

$((PJM_{AS} \text{ x Usage}*1/(1\text{-LL}) + AEPS/S_{AEPS} \text{ x Usage})$

PJM_{AS} = $/MWH charged by PJM for ancillary services
AEPS = Cost of complying with the alternative energy portfolio standard
S_{AEPS} = Sales for which AEPS cost is incurred
If the supplier provides the ancillary services and AEPS cost then the customer shall be charged the supplier's rate for these services times usage and divided by (1-LL).

Auction Revenue Rights (ARR) = Allocated annually by PJM to Firm transmission customers, the ARR's allow a Company to select rights to specific transmission paths in order to avoid congestion charges
LL = Line loss factor as provided in the Company's Electric Generation Supplier Coordination Tariff Rule 6.6 based upon the customers distribution rate class adjusted to remove losses included in the PJM LMP
T = The currently effective gross receipts tax rate
E = $\Sigma O/(U)/S_{3/4}$ x usage where
E (Purchased Generation Adj.) = Over/under recovery as calculated in the reconciliation
$S_{3/4}$ = Procurement class 3/4 sales
WC = $0.00019 kWh for working capital associated with power purchases
WCA = Individual customer sales x WC
Procedure: The "E" factor shall be updated semiannually in conjunction with the Reconciliation. The applicable above items are converted to the rates listed below.

Tariff Rate	GS	PD	HT	EP
Hourly Pricing Adder* (dollars/kWh)	$0.00557	$0.00548	$0.00526	$0.00526

* Includes administrative cost (AC), ancillary service charge (AS), E factor (E) and working capital (WC).

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RECONCILIATION

Applicability: June 1, 2017 this adjustment shall apply to all customers who received default service during the period the cost of which is being reconciled. Customers taking default service during the reconciliation period that leave default service prior to the assessment of the collection of the over/(under) adjustment shall still pay or receive credit for the over/(under) adjustment through the migration provision. The Company shall notify the Commission and parties to the Default Service Settlement 15 days in advance of the quarterly or monthly filing if the Migration Provision will be implemented in the filing.

This adjustment shall be calculated on a semiannual basis for Procurement Classes 1, 2 and 3/4 Hourly. The reconciliation period will include the six month period beginning January 1 and July 1 commencing with the July 1, 2016 through December 31, 2016 reconciliation period for Procurement Classes 1 and 2 and the six month period July 1, 2017 through December 31, 2017 for Procurement Class 3/4 Hourly. There will be two initial transition reconciliation periods for Procurement 3/4 Hourly. They are the reconciliation period including February 2017 and the reconciliation period including the four month period March 1, 2017 through June 30, 2017, respectively. The reconciliation shall be separate for each procurement class. Any resulting over or under recovery shall be assessed on an equal cents per kilowatt hour basis to all customers in the relevant procurement group. For Procurement Classes 1 and 2 and for Procurement Class 3/4 Hourly after the transition period, any over/(under) recovery shall be collected after the occurrence of two months from the end of the reconciliation period. For the two initial transition reconciliation periods for Procurement Classes 3/4 Hourly any over/(under) recovery shall be collected after the occurrence of three months and two months, respectively. For Procurement Classes 1, 2 and 3/4 Hourly, recovery shall be over a six month period commencing September 1 and March 1. The initial six month period is March 1, 2017 through August 31, 2017 for Procurement Classes 1 and 2 and March 1, 2018 through August 31, 2018 for Procurement Class 3/4 Hourly. For Procurement Class 3/4 Hourly, the two initial transition recovery periods corresponding to the two initial transition reconciliation periods are June 1, 2017 through August 31, 2017 and September 1, 2017 through February 28, 2018, respectively. For purposes of this rider the reconciliation shall be calculated 45 days before the effective date of recovery. The over or under recovery shall be calculated using the formula below. The calculation of the over/(under) recovery shall be done separately for the following procurement classes – Class 1 – Residential, Class 2 – Small C&I up to 100 kW, and Class 3/4 – Large C&I greater than 100 kW.

Reconciliation Formula

$E_N = \Sigma O/(U) + I$

Migration Provision $E_M = [\Sigma O/(U) + I]/S/(1\text{-}GRT)*(1\text{-}ALL)/(1\text{-}LL)$

Where:

E = Experienced over or under collection plus associated interest

N = Procurement class

M = Migration Rider

O/(U) = The monthly difference between revenue billed to the procurement class and the cost of supply as described below in Cost, AEPS Cost and Administrative Cost.

Revenue = Amount billed to the tariff rates applicable to the procurement class including approved Real Time Price or other time sensitive rates for the period being reconciled through the GSA.

Cost = The sum of the amounts paid to all of the full requirements suppliers providing the power for the period being reconciled, the spot market purchases for the period being reconciled, plus the cost of any other energy acquired for the period being reconciled. Cost shall include energy, capacity and ancillary services as well as the proceeds and costs of auction revenue rights for Procurement Classes 1 and 2. Ancillary services shall include any allocation by PJM to PECO default service associated with the failure of a PJM member to pay its bill from PJM as well as those costs listed in the Supply Master Agreement as the responsibility of the seller.

AEPS = The total cost of complying with the Alternative Energy Portfolio Standards Act ("AEPS" or the "Act") not included in the Cost component above for the reconciliation period for Procurement Classes 1 and 2 and not included in the ancillary services component for Procurement Class 3/4 Hourly Service. Costs include the amount paid for Alternative Energy and/or Alternative Energy Credits ("AEC's") purchased for compliance with the Act, the cost of administering and conducting any procurement of Alternative Energy and/or AEC's, payments to the AEC program administrator for its costs of administering an alternative energy credits program, payments to a third party for its costs in operating an AEC registry, any charge levied by PECO's regional transmission operator to ensure that alternative energy sources are reliable, a credit for the sale of any AEC's sold during the calculation period, and the cost of Alternative Compliance Payments that are deemed recoverable by the Commission, plus any other direct or indirect cost of acquiring Alternative Energy and/or AEC's and complying with the AEPS statute.

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Administrative Cost = This includes the cost of the Independent Evaluator, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with designing and implementing a procurement plan including the cost of the pricing forecast necessary for estimating cost recoverable under this tariff. Also included in this component shall be the cost to implement real time pricing or other time sensitive pricing such as dynamic pricing that is required of the Company or approved in its Act 129 filing. Administrative Costs also includes other costs incurred to implement retail market enhancements directed by the Commission in its Retail Market Investigation at Docket No. I-2011-2237952 or any other applicable docket that are not recovered from EGS's or through another rate.

Full Requirements Supply = A product purchased by the Company that includes a fixed price for all energy consumed. The only cost added by the Company to the full requirements price is for gross receipts tax, distribution line losses, and administrative cost.

Ancillary Services = The following services in the PJM OATT- reactive support, frequency control, operating reserves, supplemental reserves, imbalance charges, PJM annual charges, any PJM assessment associated with non-payment by members, and any other load serving entity charges not listed here but contained in Exhibit D of the Supply Master Agreement. Also included shall be the proceeds and costs from the exercise of auction revenue rights for Procurement Class 3/4 Hourly Service.

RECONCILIATION
(CONTINUED)

Auction Revenue Rights (ARR) = Allocated annually by PJM to Firm transmission customers, the ARR's allow a Company to select rights to specific transmission paths in order to avoid congestion charges.

Capacity = The amount charged to PECO by PJM for capacity for its default service load under the reliability pricing model (RPM).

I = interest on the over or under collection at the prime rate of interest for commercial banking, not to exceed the legal rate of interest, in effect on the last day of the month the over collection or under collection occurs, as reported in the Wall Street Journal in accordance with the Order at Docket No. L-2014-2421001. This interest rate basis becomes effective with January 2016 over or under collections.

S= Estimated default service retail sales in kWh for the period the cost of which is being reconciled.

ALL = The average line losses in a procurement class as a percent of generation.

LL = The average line losses for a particular rate (e.g. HT, PD, GS) as provided in the Electric Generation Supplier Coordination Tariff rule 6.6.

GRT = The current gross receipts tax rate.

Procurement Class - Set of customers for which the company has a common procurement plan.

Procedural Schedule
The Company shall file the calculation of the over/under collection for the period being reconciled and the proposed adjustment to the GSA 45 days before the effective date as described below. The over/under collection adjustment for Procurement Classes 1 and 2, and for Procurement Class 3/4 Hourly after the two initial transition periods, shall be effective no earlier than the first day of the month such that the commencement of recovery shall lag by two months. For the two initial transition periods for Procurement Class 3/4 Hourly, the initial over/under collection adjustment shall be effective no earlier than the first day of the month such that the commencement of recovery shall lag by three months and two months, respectively. For Procurement Classes 1, 2 and the 3/4 Hourly the GSA will be effective June 1, September 1, December 1 and March 1 commencing June 1, 2017 with over/under collection recovery occurring over the six month period beginning September 1 and March 1. For Procurement Class 3/4 Hourly, the two initial transition recovery periods for over/under collections are June 1, 2017 through August 31, 2017 and September 1, 2017 through February 28, 2018. The data provided in the reconciliation shall be audited on an annual basis by the PaPUC Bureau of Audits.

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NUCLEAR DECOMMISSIONING COST ADJUSTMENT CLAUSE (NDCA)

The NDCA provides for the recovery of nuclear of decommissioning costs related to the Company's Ownership interest in Nuclear Generation as of 12/31/99. The NDCA shall be charged to all customers taking service under this Tariff. The adjustment shall be a cents per kWh charge calculated to the nearest one hundredth of one cent.

The Company's Ownership interest in nuclear generation as of December 31, 1999 consists of the following:

Peach Bottom 1	100%
Peach Bottom 2	42.49%
Peach Bottom 3	42.49%
Salem 1	42.59%
Salem 2	42.59%
Limerick 1	100%
Limerick 2	100%

Formula

The following formula shall be used to determine the NDCA.

$$NDCA = \frac{\text{PaPUC Authorized Decommissioning Expense Adjustment}}{\text{Total Pennsylvania Jurisdictional Sales for Calculation Year}}$$

Where:

PaPUC Authorized Decommissioning Expense Adjustment (Adjusted Annual Accrual - Base Accrual) x .95 = the Adjusted Annual Accrual in the Calculation Year less the Base Accrual. As of January 1, 2018, the NDCA shall be a credit value of ($0.0006)/kWh and will be added to the Variable Distribution Charge for all rates except for rates POL, SL-S and AL which will have a credit value of ($0.03)/location added to the Distribution Charge.

Total Pennsylvania Retail Jurisdictional Sales = total kWh sales under this Tariff for the calculation year including sales for distribution.

Calculation Year = year in which the Company proposes a change to the NDCA. To the extent a new cost study, performed every five years, indicates the Company requires an adjustment in the rate, the Company shall change the NDCA to reflect such new expense level. In calculating the annual expense, the Company shall use the sinking fund methodology.

Adjusted Annual Accrual = accrual necessary to fund the Adjusted Obligation.
Adjusted Obligation = Gross Decommissioning Obligation reduced by $50 million for ratemaking purposes.
Gross Decommissioning Obligation – The total decommissioning cost obligation as approved by the Commission as expressed in escalated future dollars.

Methodology for Calculating Expense

The base period expense shall be based upon the decommissioning costs set forth in the table below. The Company shall use a sinking fund methodology to determine the appropriate level of decommissioning expense. The assumptions shall be consistent with NRC policy and requirements.
The Base Accrual shall consist of the following levels for each unit.

Peach Bottom 1	$3,859,745
Peach Bottom 2	0
Peach Bottom 3	0
Salem 1	0
Salem 2	0
Limerick 1	0
Limerick 2	0
Total	$3,859,745

Frequency of Calculation

The annual expense shall be recalculated every five years. The Company shall adjust the NDCA to reflect the new expense level 60 days after filing the new study and the associated rate calculation with the PaPUC. The first calculation of the NDCA shall be considered to have taken place on January 1, 1998.

Completion of Decommissioning

In the event that the actual expenditures necessary to accomplish full decommissioning of the PECO Interest are less than the full balance in the funds established for such purpose, PECO shall be entitled to a release of such funds to PECO for the purpose of sharing the amount between ratepayers and shareholders. In the event that such release is granted, PECO's shareholders shall be entitled to retain: (1) the first $50 million of the net after-tax amount; and (2) 5 percent of the remaining net after-tax amount of the released funds.

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PROVISIONS FOR RECOVERY OF UNIVERSAL SERVICE FUND CHARGE (USFC)

Variable Distribution Service Charge rates for electric service in Residential Rate Schedule R and RH of this Tariff shall include a credit ($0.00199) per kWh for recovery of Universal Service Fund Cost (USFC), calculated in the manner set forth below pursuant to Section 2804 (8) of the Competition Act. The USFC rate for electric service shall be increased or decreased annually, to reflect changes in the level of Universal Service Fund costs, net of base rate recoveries, in the manner described
below:

COMPUTATION OF USFC.
The USFC per kWh ($0.0000), shall be computed in accordance with the formula set forth below:

$$USFC = \frac{(C+L-E-I)+F}{(S)}$$

The USFC, so computed, shall be included in distribution rates charged to Customers for service pursuant to the rate schedules identified above. The amount of USFC, per kWh, will vary, if appropriate, based upon annual filings by the Company.

In computing the USFC, per kWh, pursuant to the formula above, the following definitions shall apply:

Reconcilable Customer Assistance Program (CAP) Costs – The difference between discounts provided to CAP customers (CAP revenue shortfalls) recovered through base rates and total CAP discounts, net of a 27% offset factor.

USFC – Universal Service Fund Charge to be included in the rate for each kWh of Variable Distribution Service Charge calculated under Rate Schedules R and R-H to recover Reconcilable CAP Costs plus certain LIURP related expenditures.

C - Cost in dollars of the Reconcilable CAP Costs for the projected period.

L - Incremental LIURP related expenditures not included in base rates. 2017 projected costs include the incremental LIURP and De-facto heating audit spend beginning in October 2017 which is the result of the settlement at Docket No M-2012-2290911. This additional audit spend will occur for a three year period from October 2017 through September 2020. Effective January 1, 2019, as part of the Settlement at Docket R-2018-3000164, PECO has increased its annual LIURP budget by $1M.

E - The net overcollection or (undercollection) of Universal Service Fund Charges. The net overcollection or undercollection shall be determined for the most recent period, beginning with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. Included in the "E" factor will be Reconcilable CAP Costs, and LIURP related expenditures.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous USFC.

I - Interest on any over or under recovery balance. Interest shall be computed monthly at a 6% annual simple interest rate from the month that the overcollection or undercollection occurs to the mid-point of the recovery period.

F- Correction Factor of the In-Program Arrearage Forgiveness Program which was the result of the settlement at Appendix C of Docket No R-2015-2468981. This Correction Factor adjusts the $2M recovery included in base rates. The $2M was based upon the estimated Accounts Receivable balance ("A/R") of CAP customers at the time of the settlement. The Correction Factor adjusts the $2M recovery to the final ending balance of the A/R at the time of conversion to the new CAP/FCO program. The Correction Factor will be used for the period of 2016 through 2021.

S - projected kWh of electric service to be billed under Rate R and Rate RH (exclusive of CAP Rider) during the projected period when rates will be in effect.

FILING WITH PENNSYLVANIA PUBLIC UTILITY COMMISSION; AUDIT; RECONCILIATION.
The Company's annual USFC filing and its annual reconciliation statement shall be submitted to the Commission 120 days prior to new rates being effective January 1 of each year, or at such time as the Commission may prescribe. The USFC mechanism is subject to annual audit review by the Bureau of
Audits.

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PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of expenditures associated with the Company's proposed consumer education plan for the transition to a competitive energy market. The proposed plan shall consist of the cost of the consumer education plan approved in Docket M-2008-2032274 and P-2008-2062739.

Applicability: The surcharge shall be a per customer charge calculated to the nearest one cent, which shall be added to the fixed distribution rates for billing purposes for all customers. The rate shall be calculated separately for each procurement class. The current Consumer Education Plan Cost for each Class 1 is a 1.0 cent credit per month for Rates R, RH and CAP, Class 2 and 3 is a 0.0 cent per month for Rate GS and for Class 4 is 8.0 cent credit per month for Rates HT and PD with an April 1, 2020 effective date.

Billing Provisions: The surcharge shall be calculated on an annual basis using the following formula:

$$MC(n) = \frac{(C+S+E+I)}{R(n)} \times \frac{1}{(1-T)}$$

C – the cost of the consumer education program includes the following:

Consumer Education Costs –The incremental cost of programs designed to educate consumers regarding the coming transition to a competitive market such as advertising, customer notices, informational materials cost, and any other incremental cost associated with educating consumers about the market and about available mitigation programs offered by the Company less any cost covered by the Company's Paragraph 37 Funds. Costs associated with this program shall be expensed to FERC account 910. Also includes the costs of the new residential Customer Assistance Program (CAP) consumer education program per Docket No. M-2012-2290911. These costs shall also include the costs of providing expanded universal service program education and outreach to low and moderate income customers to recover up to $500,000 per year commencing on January 1, 2022.

MC(n) = consumer education cost and supplier–oriented bill cost per customer for procurement class n including over/(under) recovery and associated interest.

E – The estimated over or (under) recovery from the prior year. The reconciliation period shall be the 12 months ended December 31

S – The cost of implementing the supplier-oriented bill as approved in the Final Order at Docket No. M-2014-2401345.

I – Interest on any over or (under) recovery balance. Interest shall be a rate of 6% and shall be calculated from the month of over or

under collection to the mid-point of the recovery period.

N – Procurement class where 1 = residential, 2 = C&I up to 100 kW, 3 = C&I from 100-500 kW, and 4 = C&I >500 kW

R – The total delivery service customers for the procurement class for the application period where the application period shall be the 12-month period commencing annually on April 1 after the reconciliation period.

T – The current Pennsylvania gross receipt tax rate included in base rates.

Filing Schedule: The estimated surcharge shall be filed by February 1 of each year to be effective on the following April 1. The application period shall be the 12 months that start the April 1 effective date of the surcharge. The Bureau of Audits shall audit the data in the surcharge on an annual basis.

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TRANSMISSION SERVICE CHARGE (TSC)

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of all transmission service related costs incurred under the PJM open access transmission tariff on behalf of the Company's default service load.

Applicability: The surcharge shall be assessed to all default service customers. The cost shall be allocated to each rate class based upon the coincident peak used by PJM to establish the network service obligation.

Billing Provisions: The surcharge shall be calculated on a semi-annual basis using the formula below:

$$TSC(n) = \frac{(C+E+I)}{S(n)} \times \frac{1}{(1-T)}$$

TSC(n) = transmission service cost for customer class n including over or under recovery and associated interest.

C – the transmission service charges incurred by PECO under the PJM open access transmission tariff. These costs shall include the following:

Network Integration Transmission Service costs and Non-Firm Point to Point Transmission costs. Included in the cost to be recovered is a working capital (WC) component as defined below.

Charges assessed by PJM for network service within the PECO zone. Included in such charges are costs for the base network service charge for the zone as well as any load serving entity charges assessed to PECO under the PJM OATT that are listed in PECO's Supply Master Agreement Exhibit D as the responsibility of the Buyer. Included in the cost to be recovered is a working capital (WC) component as defined below.

WC – cost for working capital associated with the purchase of transmission service from PJM at a rate of $221 per mW. WC is a component of the 'C" factor

E – The estimated over or under recovery from the applicable reconciliation period.

I - interest on the over or under collection at the prime rate of interest for commercial banking, not to exceed the legal rate of interest, in effect on the last day of the month the over collection or under collection occurs, as reported in the Wall Street Journal in accordance with the Order at Docket No. L-2014-2421001. This interest rate basis becomes effective with January 2016 over or under collections.

n – rate class where: 1 = residential, 1a = RH, 2 = small C&I, 3 = large C&I, 4 = street lighting

Residential – Rates R, RH (reconciled as a group)
Small C&I – Rate GS
Large C&I – Rates HT, PD, EP (reconciled as a group)
Street Lighting – SLE, SLC, SLS, POL, AL, TLCL (reconciled as a group)

S – Estimated default service sales for residential class and the street lighting class in the applicable application period. For the commercial and industrial class it shall be the estimated billed demand for the applicable application period. The application period will be the period when rates will be in effect.

T – The current Pennsylvania gross receipt tax rate included in base rates.

Filings and Reconciliations: The Company shall submit filings 15 days prior to the start of the application period beginning June 1, 2015. Thereafter, the Company will file a surcharge adjustment 15 days prior to June 1 and December 1 of each year. If it is apparent that such methodology would result in a significant over or under recovery before the next 6 month filing for an individual customer class, the Company may propose a rate adjustment 15 days prior to the next effective GSA rate adjustment date (Effective date of March 1, September 1). The annual reconciliation statement will be made by December 31 each year.

Current Transmission Service Rate:

R= $.00506 per kilowatthour
RH= $.00506 per kilowatthour
Small C&I = $1.40 per billed transmission kW
Large C&I = $1.38 per billed transmission kW
Street Lighting = $.00073 per kilowatt hour

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NON-BYPASSABLE TRANSMISSION CHARGE (NBT)

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of certain transmission service related costs incurred under the PJM open access transmission tariff on behalf of the Company's distribution service load in accordance with Docket # P-2014-2409362.

Applicability: The surcharge shall be assessed to all distribution customers. The cost shall be allocated to each rate class based upon the coincident peak used by PJM to establish the network service obligation.

Billing Provisions: The NBT shall be included in distribution rates charged to customers taking service under the Residential, Small C&I and Street Lighting class rate schedules as described below.

For Rates PD, HT, and EP (Large C&I class), a PJM Peak Load Contribution (PLC) shall be determined in accordance with PJM rules and used to calculate the NBT. Customer's PLC will be computed to the nearest kilowatt. The NBT shall be recovered through a separate charge listed on customers' bills.

The surcharge shall be calculated on a semi-annual basis using the formula below:

NBT(n) = (C+E+I)/S(n) * 1/(1-T) where;

NBT(n) = transmission service cost for customer class n including over or under recovery and associated interest.

C – the transmission service charges incurred by PECO under the PJM open access transmission tariff. These costs shall include the following:

Regional Transmission Expansion Plan charges, Expansion Cost Recovery charges, Generation Deactivation/Reliability Must Run charges and any costs to implement the Non-Bypassable Transmission charge in accordance with Docket # P-2014-2409362.

E – The estimated over or under recovery from the applicable reconciliation period.

I – Interest on any over or under recovery balance. Interest shall be computed monthly at a 6% annual simple interest rate from the month that the overcollection or undercollection occurs to the mid-point of the recovery period.

n – rate class where: 1 = residential, 1a = RH, 2 = small C&I, 3 = large C&I, 4 = street lighting

Residential – Rates R, RH (reconciled as a group)
Small C&I – Rate GS
Large C&I – Rates HT, PD, EP (reconciled as a group)
Street Lighting – SLE, SLC, SLS, POL, AL, TLCL (reconciled as a group)

S – Estimated distribution service sales for residential class and the street lighting class in the applicable application period. For the Small C&I class (Rate GS) it shall be the estimated billed demand for the applicable application period. For the Large C&I class (Rates PD, HT, and EP), the PJM PLC shall be used to calculate the NBT. The application period will be the period when rates will be in effect.

T – The currently effective gross receipts tax rate.

Filings and Reconciliations: The Company shall submit filings 15 days prior to the start of the application period beginning June 1, 2015. Thereafter, the Company will file a surcharge adjustment 15 days prior to June 1 and December 1 of each year. If it is apparent that such methodology would result in a significant over or under recovery before the next 6 month filing for an individual customer class, the Company may propose a rate adjustment 15 days prior to the next effective GSA rate adjustment date (Effective date of March 1, September 1). The annual reconciliation statement will be made by December 31 each year.

Current Non-Bypassable Transmission Rate:

R= $.00333 per kilowatthour
RH= $.00333 per kilowatthour
Small C&I = $0.96 per billed distribution kW
Large C&I = $1.01 per kW based on the PJM PLC
Street Lighting = $.00048 per kilowatt hour

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PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT (TARC)

Purpose: The purpose of this credit is to provide customers a bill credit for the tax benefits gained as a result of a change in the method of tax accounting for certain expenditures. The Tax Accounting Repair Credit is as proposed in the Settlement at Docket No. R-2010-2161575 in Section II E(2) and the Settlement at Docket No. R-2015-2468981 in Section II E (20).

Applicability: The credit shall be calculated to the nearest one-hundredth of a cent for billing purposes for all customers, except for customers on Rates SLE, SLS, POL, TLCL and AL where it shall be the nearest one cent. The TARC shall be credited to each rate schedule as follows:

Rate R	$0.00000/kWh
Rate RH	$0.00000/kWh
Rate GS	$0.00000/kWh
Rate POL	$0.00/lamp
Rate SL-S	$0.00/lamp
Rate SL-E	$0.00/location
Rate SL-C	$0.00/location
Rate AL	$0.00/location
Rate TLCL	$0.00/location
Rates HT, PD, EP	$0.00000/kWh

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The Variable Distribution Service charges, for the above rate schedules shall include the above listed TARC credits. For the lighting rate schedules, the applicable location or fixed distribution service charges shall include the TARC credit.

Calculation of TARC Credit:
Billing Provisions: The credit shall be calculated by rate schedule using the following formula:

$$\text{TARC} = \frac{R(n)+I}{BU(n)} \times \frac{1}{(1-T)}$$

R(n) – The amount accrued as a result of a change in the tax accounting method for electric system repairs for rate class n divided by 7.

I - Interest on the bill credit. Interest shall be at a rate of 6% simple interest and shall be calculated on the monthly unamortized balance of the tax effected catch-up deduction.

BU(n) – The total annual Billing Units for the rate class.

T - The current Pennsylvania gross receipt tax rate included in base rates.

Filings and Reconciliations: One year prior to the scheduled expiration of the credit the Company will evaluate whether a change in the credit is required in order to avoid a significant over or under recovery at the end of the rate credit period. If a base rate case has not been filed prior to the expiration of the credit, a final reconciliation filing will be made on or before January 31, 2019, at which time any under or over recoveries will be reflected in rates in effect from April 1, 2019 to June 30, 2019. If it is apparent that such methodology would result in a significant over or under recovery at December 31, 2018 for an individual rate class the Company will propose a revised rate credit to become effective April 1, 2018. Interest will not be applied to any over or undercollections for the bill credit prior to January 1, 2016. Starting on January 1, 2016 the bill credit will reflect 6% simple interest on the monthly unamortized balance of the tax-effected catch-up deduction in accordance with the Settlement at Docket No. R-2015-2468981 in Section II E (20). If the amount to be credited to customers is modified based upon the results of an IRS audit of the accounting change, the Company shall modify the credit accordingly through a filing with the Commission. Such filing shall be made 60 days prior to the effective date. Additionally, if the value of the credit has been reduced due to a State Net Operating Loss (NOL), a filing shall be made to increase the credit when the NOL has been used by the Company.

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PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS (EEPC)

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of expenditures associated with the Company's Phase III Energy Efficiency and Conservation Program Costs (EEPC).

Applicability: The surcharge shall be a calculated for billing purposes for all customers. The EEPC shall be charged to each rate schedule using the following units:

Phase III

Rates R, RS, RH:	$0.00286/kWh
Rates GS:	$0.00271/kWh
Rate SL-E, SL-C	$0.00/location
Rate AL:	$0.00/location
Rate TLCL:	($0.00003)/kWh
Rates HT, PD, EP:	$1.20/kW based on PJM Peak Load Contribution (PLC)

The Variable Distribution Service charges, for the residential rate schedules shall include the above listed EEPC surcharge. For the municipal lighting rate schedules, the applicable variable or fixed distribution service charges shall include the EEPC surcharge.

For Rate GS, the EEPC shall be recovered through a separate variable distribution charge listed on customer's bills. For Rates PD, HT and EP, a PJM PLC shall be determined in accordance with PJM rules and used to calculate the EEPC. Customer's PLC will be computed to the nearest kilowatt. The EEPC shall be recovered through a separate variable distribution charge listed on customer bills.

Calculation of EEPC Surcharge and the Over/Under Recovery:
Billing Provisions: The surcharge and over/under recovery shall be calculated by rate schedule on an annual basis using the following formulas:

$$EEPC(n) = \frac{(C-E)+(SWE)}{(BU)} \times \frac{(1)}{(1-T)}$$

C – The cost of the Energy Efficiency and Conservation Program includes: all expenditures, of the individual programs such as materials, equipment, installation, custom programs, evaluation measurement/verification, educating customers about availability to the extent not included in Consumer Education cost, not recovered through any separate recovery mechanism, and any other cost associated with implementation of the programs. Costs that relate to measures that are applicable to more than one rate class or that are shown to provide system-wide benefits, will be allocated to each class based on the ratio of class-specific projected program costs to the total projected program costs. Any direct load control benefits to the Company from the programs shall be credited against the cost. The program costs are those approved by the PAPUC and audit costs for the Phase III program ending May 31, 2021

E - The over or (under) recovery from the applicable reconciliation period. Interest will not be applied to any over/under collections.

SWE – The cost in dollars of the PaPUC's Statewide Evaluator. These costs will be reconciled separately and added to the EEPC and will not be subject to the 2% spending limit of the EE&C Plan.

BU – The total Billing Units for the applicable recovery period.

T – The current Pennsylvania gross receipts tax rate included in base rates.

n - The rate class for which the EEPC is being calculated: 1 = Residential, 2 = Small C&I, 3 = LC&I, 4 = Street lighting
Residential - Rates R, RH
Small C&I – Rate GS
Large C&I – Rates HT, PD, EP
Street Lighting – Rates SLE, SLC, AL, TLCL

Filings and Reconciliations: The estimated EEPC shall be filed by May 1 each year to be effective June 1. The first surcharge, effective June 1, 2016 will contain "C" and "E" factors calculated as follows: The "C–factor" will have two components; one including Phase II costs and the other including Phase III costs. The Phase III component will be set using projected costs for the 12 month period from June 1, 2016 through May 31, 2017. The Phase II component will be set using any Phase II costs from projects started prior to the end of Phase II, but not yet billed as of June 1, 2016. For the "E-factor" over/under rate will include the Phase II costs for the 10 month period from June 1, 2015 through March 31, 2016.

The second EEPC, effective June 1, 2017, will be calculated as follows: the "C-factor" will include Phase III costs for the period June 1, 2017 through May 31, 2018 and the "E-factor" will include costs for 12 months comprising Phase II costs for the 2 months of April and May 2016 and Phase III costs for the 10 months of June 1, 2016 through March 31, 2017. Subsequent EEPC's, effective June 1 each year will be calculated using a 12 month "C factor" for the period June 1 through May 31 and an "E factor" for the period of April 1 through March 31

A reconciliation statement filing, in accordance with C.S. Title 66 §1307(e), will be made by April 30 of each year. The last Phase II only reconciliation statement will be for the 10 month period from June 1, 2015 through March 31, 2016. Phase III reconciliation statements will be for the 12 month period April 1 through March 31 of each plan year. The first Phase III reconciliation statement will cover the period April 1, 2016 through March 31, 2017 and include 2 months (April and May) of Phase II revenues and expenses and 10 months of Phase III revenues and expenses (June through March).

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DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
(DSIC)

In addition to the net charges provided for in this Tariff, a value of 0.00% will apply consistent with the Commission Order dated October 22, 2015 at Docket No. P-2015-2471423, approving the DSIC.

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1. General Description

A. Purpose: To recover the reasonable and prudent costs incurred to repair, improve, or replace eligible property which is completed and placed in service and recorded in the individual accounts, as noted below, between base rate cases and to provide the Company with the resources to accelerate the replacement of aging infrastructure, to comply with evolving regulatory requirements and to develop and implement solutions to regional supply problems.

The costs of extending facilities to serve new customers are not recoverable through the DSIC.

B. Eligible Property: The DSIC-eligible property will consist of the following:

Poles and Tower (Account 364);
Overhead conductor (Account 365) and underground conduit and conductors (Accounts 366 and 367);
Line transformers (Account 368) and substation equipment (Account 362);
Any fixture or device related to eligible property listed above, including insulators, circuit breakers, fuses, reclosers, grounding wires, crossarms and brackets, relays, capacitors, converters and condensers;
Unreimbursed costs related to highway relocation projects where a natural gas distribution company or city natural gas distribution operation must relocate
its facilities; and
Other related capitalized costs.

C. Effective Date: The DSIC will become effective January 1, 2016.

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DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
(DSIC) (CONTINUED)

2. Computation of the DSIC

A. Calculation: The initial DSIC, effective January 1, 2016, shall be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Company's rates or rate base and will have been placed in service between September 1, 2015 and November 30, 2015. Thereafter, the DSIC will be updated on a quarterly basis to reflect eligible plant additions placed in service during the three-month periods ending one month prior to the effective date of each DSIC update. Billing for the DSIC will be on a bills rendered basis. Thus, changes in the DSIC rate will occur as follows:

Effective Date of Change	Date to which DSIC Eligible Plant Additions Reflected
January 1	September - November
April 1	December - February
July 1	March - May
October 1	June - August

B. Determination of Fixed Costs: The fixed costs of eligible distribution system improvements projects will consist of depreciation and pre-tax return, calculated as follows:

1. Depreciation: The depreciation expense shall be calculated by applying the annual accrual rates employed in the Company's most recent base rate case for the plant accounts in which each retirement unit of DSIC-eligible property is recorded to the original cost of DSIC-eligible property.

2. Pre-tax return: The pre-tax return shall be calculated using the statutory state and federal income tax rates, the Company's actual capital structure and actual cost rates for long-term debt and preferred stock as of the last day for the three-month period ending one month prior to the effective date of the DSIC and subsequent updates. The cost of equity will be the equity return rate approved in the Company's last fully litigated base rate proceeding for which a final order was entered not more than two years prior to the effective date of the DSIC. If more than two years shall have elapsed between the entry of such a final order and the effective date of the DSIC, then the equity return rate used in the calculation will be the equity return rate calculated by the Commission in the most recent Quarterly Report on the Earnings of Jurisdictional Utilities released by the Commission.

C. Application of DSIC: The DSIC will be expressed as a percentage carried to two decimal places and will be applied to the total amount billed to each customer for distribution service and the State Tax Adjustment Surcharge (STAS). To calculate the DSIC, one-fourth of the annual fixed costs associated with all property eligible for cost recovery under the DSIC will be divided by the Company's projected revenue for distribution service (including all applicable clauses and riders) for the quarterly period during which the charge will be collected, exclusive of the STAS.

D. Formula: The formula for calculation of the DSIC is as follows:

$$DSIC = \frac{(DSI * PTRR)+Dep+e}{PQR}$$

Where:

DSI = Original cost of eligible distribution system improvement projects net of accrued depreciation.

PTRR = Pre-tax return rate applicable to DSIC eligible property.

Dep = Depreciation expense related to DSIC-eligible property.

e = Amount calculated (+/-) under the annual reconciliation feature or Commission audit, as described below.

PQR = Projected quarterly revenues for distribution service (including all applicable clauses and riders) from existing customers plus netted revenue from any customers which will be gained or lost by the beginning of the applicable service period.

Revenue shall be based upon one-fourth of the estimated annual distribution revenue.

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DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
(DSIC) (CONTINUED)

3. Quarterly Updates: Supporting data for each quarterly update will be filed with the Commission and served upon the Commission's Bureau of Investigation and Enforcement, the Office of Consumer Advocate, Bureau of Audits and the Office of Small Business Advocate at least ten (10) days prior to the effective date of the update.

4. Customer Safeguards

A. Cap: The DSIC is capped at 5.0% of the amount billed to customers for distribution service (including all applicable clauses and riders) as determined on an annualized basis.

B. Audit/Reconciliation: The DSIC is subject to audit at intervals determined by the Commission. Any cost determined by the Commission not to comply with any provision of 66 Pa C.S. §§ 1350, *et seq*., shall be credited to customer accounts. The DSIC is subject to annual reconciliation based on a reconciliation period consisting of the twelve months ending December 31 of each year or the Company may elect to subject the DSIC to quarterly reconciliation but only upon request and approval by the Commission. The revenue received under the DSIC for the reconciliation period will be compared to the Company's eligible costs for that period. The difference between revenue and costs will be recouped or refunded, as appropriate, in accordance with Section 1307(e), over a one-year period commencing on April 1 of each year or in the next quarter if permitted by the Commission. If DSIC revenues exceed DSIC-eligible costs, such over-collections will be refunded with interest. Interest on over-collections and credits will be calculated at the residential mortgage lending specified by the Secretary of Banking in accordance with the Loan Interest and Protection Law (41 P.S. §§ 101, *et seq*.) and will be refunded in the same manner as an over-collection. The Company is not permitted to accrue interest on under collections.

C. New Base Rates: The DSIC will be reset at zero upon application of new base rates to customer billings that provide for prospective recovery of the annual costs that had previously been recovered under the DSIC. Thereafter, only the fixed costs of new eligible plant additions that have not previously been reflected in the Company's rates or rate base will be reflected in the quarterly updates of the DSIC.

D. Customer Notice: Customers shall be notified of changes in the DSIC by including appropriate information on the first bill they receive following any change or through an explanatory bill insert included with the first billing.

E. All customer classes: The DSIC shall be applied equally to all customer classes.

F. Earning Reports: The DSIC will also be reset at zero if, in any quarter, data filed with the Commission in the Company's then most recent Annual or Quarterly Earnings reports show that the Company would earn a rate of return that would exceed the allowable rate of return used to calculate its fixed costs under the DSIC as described in the pre-tax return section. The Company shall file a tariff supplement implementing the reset to zero due to overearning on one-day's notice and such supplement shall be filed simultaneously with the filing of the most recent Annual or Quarterly Earnings reports indicating that the Company has earned a rate of return that would exceed the allowable rate of return used to calculate its fixed costs.

G. Residual E-Factor Recovery Upon Reset To Zero: The Company shall file with the Commission interim rate revisions to resolve the residual over/under collection or E-factor amount after the DSIC rate has been reset to zero. The Company can collect or credit the residual over/under collection balance when the DSIC rate is reset to zero. The Company shall refund any overcollection to customers and is entitled to recover any undercollections as set forth in Section 4.B. Once the Company determines the specific amount of the residual over or under collection amount after the DSIC rate is reset to zero, the Company shall file a tariff supplement with supporting data to address that residual amount. The tariff supplement shall be served upon the Commission's Bureau of Investigation and Enforcement, the Bureau of Audits, the Office of Consumer Advocate, and the Office of Small Business Advocate at least ten (10) days prior to the effective date of the supplement.

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RATE R RESIDENCE SERVICE

AVAILABILITY.
Single phase service in the entire territory of the Company to the dwelling and appurtenances of a single private family (or to a multiple dwelling unit building consisting of two to five dwelling units, whether occupied or not), for the domestic requirements of its members when such service is supplied through one meter. Service is also available for related farm purposes when such service is supplied through one meter in conjunction with the farmhouse domestic requirements.

Each dwelling unit connected after May 10, 1980 except those dwelling units under construction or under written contract for construction as of that date must be individually metered for their basic service supply. Centrally supplied master metered heating, cooling or water heating service may be provided if such supply will result in energy conservation.

The term "residence service" includes service to: (a) the separate dwelling unit in an apartment house or condominium, but not the halls, basement, or other portions of such building common to more than one such unit; (b) the premises occupied as the living quarters of five persons or less who unite to establish a common dwelling place for their own personal comfort and convenience on a cost sharing basis; (c) the premises owned by a church, and primarily designated or set aside for, and actually occupied and used as, the dwelling place of a priest, rabbi, pastor, rector, nun or other functioning Church Divine, and the resident associates; (d) private dwellings in which a portion of the space is used for the conduct of business by a person residing therein; (e) A detached garage, located on the same premises as the customer's dwelling unit, that is utilized solely for the domestic requirements of the dwelling unit's members and is served through the same meter as the dwelling unit; (g) A detached garage, located on the same premises as the customer's dwelling unit, that is utilized solely for the domestic requirements of the dwelling unit's members and requires separate metering service as a result of wiring restrictions or legal requirements.

The term does NOT include service to: (a) Premises institutional in character including Clubs, Fraternities, Orphanages or Homes; (b) premises defined as a rooming house or boarding house in the Municipal Code for Cities of the First Class enacted by Act of General Assembly; (c) a premises containing a residence unit but primarily devoted to a professional or other office, studio, or other gainful pursuit; (d) electric furnaces or welding apparatus other than a transformer type "limited input" arc welder with an input not to exceed 37 1/2 amperes at 240 volts.

CURRENT CHARACTERISTICS. Standard single phase secondary service.

MONTHLY RATE TABLE.
FIXED DISTRIBUTION SERVICE CHARGE: $13.48
FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: $2.62

VARIABLE DISTRIBUTION SERVICE CHARGE:
All kWhs $0.07519 per kWh

ENERGY SUPPLY CHARGE:
Refer to the Generation Supply Adjustment Procurement Class 1.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

MINIMUM CHARGE: The minimum charge per month will be the Fixed Distribution Service Charge.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

PAYMENT TERMS. Standard.

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RATE R H RESIDENTIAL HEATING SERVICE

AVAILABILITY.

Single phase service to the dwelling and appurtenances of a single private family (or to a multiple dwelling unit building consisting of two to five dwelling units, whether occupied or not), for domestic requirements when such service is provided through one meter and where the dwelling is heated by specified types of electric space heating systems. The systems eligible for this rate are (a) permanently connected electric resistance heaters where such heaters supply all of the heating requirements of the dwelling, (b) heat pump installations where the heat pump serves as the heating system for the dwelling and all of the supplementary heating required is supplied by electric resistance heaters, and (c) heat pump installations where the heat pump serves as the heating system for the dwelling and all of the supplementary heating required is supplied by non electric energy sources. All space heating installations must meet Company requirements. This rate schedule is not available for commercial, institutional or industrial establishments.

Each dwelling unit connected after May 10, 1980 except those dwelling units under construction or under written contract for construction as of that date, must be individually metered.

CURRENT CHARACTERISTICS. Standard single phase secondary service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE: $13.48
FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: $2.62

VARIABLE DISTRIBUTION SERVICE CHARGE:

SUMMER MONTHS. (June through September)

$0.07519 per kWh for all kWh.

WINTER MONTHS. (October through May)

$0.05655 per kWh for all kWh

ENERGY SUPPLY CHARGE:
Refer to the Generation Supply Adjustment Procurement Class 1.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

MINIMUM CHARGE. The minimum charge per month will be the Fixed Distribution Service Charge.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

COMBINED RESIDENTIAL AND COMMERCIAL SERVICE. Where a portion of the service provided is used for commercial purposes, the appropriate general service rate is applicable to all service; or, at the option of the customer, the wiring may be so arranged that the residential service may be separately metered and this rate is then applicable to the residential service only.

PAYMENT TERMS. Standard.

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RATE RS-2 NET METERING

PURPOSE.

This Rate sets forth the eligibility, terms and conditions applicable to Customers with installed qualifying renewable customer-owned generation using a net metering system.

APPLICABILITY.

This Rate applies to renewable customer-generators served under Rates R, RH, CAP, GS, HT, PD and EP who install a device or devices which are, in the Company's judgment, subject to Commission review, a bona fide technology for use in generating electricity from qualifying Tier I or Tier II alternative energy sources pursuant to Alternative Energy Portfolio Standards Act No. 2004-213 (Act 213) or Commission regulations and which will be operated in parallel with the Company's system. This Rate is limited to installations where the renewable energy generating system is intended primarily to offset part or all of the customer-generator's requirements for electricity. A renewable customer-generator is a non-utility owner or operator of a net metered generation system with a nameplate capacity of not greater than 50 kilowatts if installed at a residential service (Rate R, RH, or CAP) or not larger than 3,000 kilowatts at other customer service locations (Rate GS, HT, PD and EP), except for Customers whose systems are above 3 megawatts and up to 5 megawatts who make their systems available to operate in parallel with the Company during grid emergencies as defined by the regional transmission organization or where a microgrid is in place for the purpose of maintaining critical infrastructure such as homeland security assignments, emergency services facilities, hospitals, traffic signals, wastewater treatment plants or telecommunications facilities provided that technical rules for operating generators interconnected with facilities of the Company have been promulgated by the Institute of Electrical and Electronic Engineers "IEEE" and the Commission.

Qualifying renewable energy installations are limited to Tier I and Tier II alternative energy sources as defined by Act 213 and Commission Regulations. The Customer's equipment must conform to the Commission's Interconnection Standards and Regulations pursuant to Act 213. This Rate is not applicable when the source of supply is service purchased from a neighboring electric utility under Borderline Service.

Service under this Rate is available upon request to renewable customer-generators on a first come, first served basis so long as the total rated generating capacity installed by renewable customer-generator facilities does not adversely impact service to other Customers and does not compromise the protection scheme(s) employed on the Company's electric distribution system.

METERING PROVISIONS.

A Customer may select one of the following metering options in conjunction with service under applicable Rate Schedule R, RH, CAP, GS, HT, PD or EP.

1. A customer-generator facility used for net metering shall be equipped with a single bi-directional meter that can measure and record the flow of electricity in both directions at the same rate. A dual meter arrangement may be substituted for a single bi-directional meter at the Company's expense.

2. If the customer-generator's existing electric metering equipment does not meet the requirements under option (1) above, the Company shall install new metering equipment for the customer-generator at the Company's expense. Any subsequent metering equipment change necessitated by the customer-generator shall be paid for by the customer-generator. The customer-generator has the option of utilizing a qualified meter service provider to install metering equipment for the measurement of generation at the customer-generator's expense.

   Additional metering equipment for the purpose of qualifying alternative energy credits owned by the customer-generator shall be paid for by the customer-generator. The Company shall take title to the alternative energy credits produced by a customer-generator where the customer-generator has expressly rejected title to the credits. In the event that the Company takes title to the alternative energy credits, the Company will pay for and install the necessary metering equipment to qualify the alternative energy credits. The Company shall, prior to taking title to any alternative energy credits, fully inform the customer-generator of the potential value of those credits and options available to the customer-generator for their disposition.

3. Meter aggregation on properties owned or leased and operated by a customer-generator shall be allowed for purposes of net metering. Meter aggregation shall be limited to meters located on properties within two (2) miles of the boundaries of the customer-generator's property. Meter aggregation shall only be available for properties located within the Company's service territory. Physical meter aggregation shall be at the customer-generator's expense. The Company shall provide the necessary equipment to complete physical aggregation. If the customer-generator requests virtual meter aggregation, it shall be provided by the Company at the customer-generator's expense. The customer-generator shall be responsible only for any incremental expense entailed in processing his account on a virtual meter aggregation basis.

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RATE RS-2 NET METERING (continued)

BILLING PROVISIONS.

The following billing provisions apply to customer-generators in conjunction with service under applicable Rates R, RH, CAP, GS, HT, PD, EP.

1. The customer-generator will receive a credit for each kilowatt-hour received by the Company up to the total amount of electricity delivered to the Customer during the billing period at the full retail rate consistent with Commission regulations. If a customer-generator supplies more electricity to the Company than the Company delivers to the customer-generator in a given billing period, the excess kilowatt hours shall be carried forward and credited against the customer-generator's usage in subsequent billing periods at the full retail rate. Any excess kilowatt hours will continue to accumulate until the end of the PJM planning period ending May 31 of each year. On an annual basis, the Company will compensate the customer-generator for kilowatt-hours received from the customer-generator in excess of the kilowatt hours delivered by Company to the customer-generator during the preceding year at the "full retail value for all energy produced" consistent with Commission regulations. The customer-generator is responsible for the customer charge, demand charge and other applicable charges under the applicable Rate Schedule.

2. If the Company supplies more kilowatt-hours of electricity than the customer-generator facility feeds back to the Company's system during the billing period, all charges of the appropriate rate schedule shall be applied to the net kilowatt-hours of electricity that the Company supplied. The customer-generator is responsible for the customer charge, demand charge and other applicable charges under the applicable Rate Schedule.

3. For customer-generators involved in virtual meter aggregation programs, any excess credit shall be applied first to the account containing the meter through which the generating facility supplies electricity to the distribution system, also known as the "host account". If the host account's usage has been fully offset by this credit and additional excess credit still remains, PECO will divide that remaining credit into equal parts based on the number of additional virtually metered accounts under the customer-generator's name, also known as "satellite accounts", and apply one part to each satellite account in a "waterfall"-like fashion at each account's designated rate. This process continues as PECO bills each subsequent satellite account, with any additional excess credits from each divided equally among the remaining satellite accounts. Virtual meter aggregation is the combination of readings and billing for all meters regardless of rate class on properties owned or leased and operated by a customer-generator by means of the Company's billing process, rather than through physical rewiring of the customer-generator's property for a physical, single point of contact. The customer-generators are responsible for the customer charge, demand charge and other applicable charges under the applicable Rate Schedule.

4. Procurement Class 3/4 customer-generators will receive a generation credit, at the PJM Day Ahead hourly energy rate, for each kilowatt hour received by the Company during each hour of the billing period up to the total amount of electricity delivered to the customer during each hour of the billing period.

   If a Procurement Class 3/4 customer-generator supplies more electricity to the Company than the Company delivers to the customer-generator during any hour in the billing period, the excess kilowatt hours shall not be carried forward to a subsequent billing period but will be credited in the current month toward generation charges based on the PJM Day Ahead hourly rate. Any excess kilowatt hours at the end of the PJM planning period will not carry over to the next year.

5. Procurement Class 3/4 customer-generators will also receive a variable distribution credit for each kilowatt hour received by the Company during the monthly billing period up to the total amount of electricity delivered to the Customer during the monthly billing period at the applicable distribution rate.

   If a Procurement Class 3/4 customer-generator supplies more electricity to the Company than the Company delivers to the customer-generator, the variable distribution charges will be reduced by the excess kilowatt hours, which will be carried forward and credited against the customer-generator's distribution kilowatt hours in subsequent billing periods until the end of the PJM planning period, ending May 31 of each year.

   Procurement Class 3/4 customer-generators are responsible for the customer charge, demand charge and other applicable charges under the applicable Rate Schedule.

   Any excess kilowatt hours at the end of the PJM planning period will not carry over to the next year and reduce distribution charges.

NET METERING FOR SHOPPING CUSTOMERS.

1. Customer-generators may take net metering services from EGSs that offer such services.

2. If a net-metering customer takes service from an EGS, the Company will credit the customer for distribution charges for each kilowatt hour produced by a Tier I or Tier II resource installed on the customer-generator's side of the electric revenue meter, up to the total amount of kilowatt hours delivered to the customer by the Company during the billing period. If a customer-generator supplies more electricity to the electric distribution system than the EDC delivers to the customer-generator in a given billing period, the excess kilowatt hours shall be carried forward and credited against the customer-generator's usage in subsequent billing periods at the Company's distribution rates. Any excess kilowatt hours at the end of the PJM planning period will not carry over to the next year and reduce distribution charges. The customer-generator is responsible for the customer charge, demand charge and other applicable charges under the applicable Rates Schedule.

3. If the Company delivers more kilowatt hours of electricity than the customer-generator facility feeds back to the Company's system during the billing period, all charges of the applicable rate schedule shall be applied to the net kilowatt hours of electricity that the Company delivered. The customer-generator is responsible for the customer charge, demand charge and other applicable charges under the applicable Rate Schedule.

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RATE RS-2 NET METERING (continued)

4. Pursuant to Commission regulations, the credit or compensation terms for excess electricity produced by customer-generators who are customers of EGSs shall be stated in the service agreement between the customer-generator and the EGS.

5. If a customer-generator switches electricity suppliers, the Company shall treat the end of the service as if it were the end of the PJM planning period.

APPLICATION.

Customer-generators seeking to receive service under the provisions of this Rate must submit a written application online to the Company demonstrating compliance with the Net Metering Rate provisions and quantifying the total rated generating capacity of the customer-generator facility. The installation cannot be directly connected to the Company's distribution system ("stand alone"). Instead, the installation must be connected to a facility (residence or business) that is connected to the Company's distribution system. The link to the online application can be found on the Green Power Connect pages on peco.com.

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INTERCONNECTION EXPIRATION.

Interconnection applications will be reviewed and processed in accordance with the timeframes designated by PECO in Act 213 and Title 52 of the Pa Code Chapter 75. A customer-generator (or authorized designee) must submit a completed certificate of completion ("COC") for residential level 1 and 2 interconnection applications to PECO within 180 calendar days from the date that PECO approves the interconnection application. If a COC is not received within 180 calendar days from the date that PECO approves the interconnection application then the residential level 1 and level 2 interconnection applications shall expire. A customer-generator may request an extension of a residential level 1 or level 2 application expiration date for good cause shown (i.e., that significant progress in construction of the interconnection has been or will be made). Upon a showing of good cause, the application expiration date will be extended. The length of the extension may be extended up to but no more than 180 calendar days. A customer-generator must make such extension requests in writing or via e-mail no less than 30 calendar days prior to an application's original expiration date. PECO will provide notice to developers of distributed generation at least 45 calendar days ahead of the original expiration date.

MINIMUM CHARGE.

The Minimum Charges under Rate Schedule R, RH, CAP, GS, PD, HT and EP apply for installations under this Rate.

RIDERS.

Bills rendered by the Company under this Rate shall be subject to charges stated in any other applicable Rate.

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RATE-GS GENERAL SERVICE

AVAILABILITY.
Service through a single metering installation for offices, professional, commercial or industrial establishments, governmental agencies, farms and other applications outside the scope of the Residence Service rate schedules.

Transformed service from the Company's distribution system where the company installs, owns, and maintains any transforming, switching and other receiving equipment required.

For service configurations that are nominally 120/208 volts, 3 phase, 4 wires - If either the service capacity or the parallel-generating capacity exceeds 750 kVA for transformers located inside the building, the only rate option available to the customer will be Rate HT. If either the service capacity or the parallel-generating capacity exceeds 750 kVA but remains at or below 1,500 kVA for transformers outside the building, the customer may request service at 277/480 volts, 3-phase 4-wires from transformers located outside the building. Otherwise the only rate option available to the customer will be Rate HT.

For service configurations that are nominally 277/480 volts, 3 phase, 4 wires - If either the service capacity or the parallel-generating capacity exceeds either 750 kVA for transformers located inside the building or 1,500 kVA for transformers located outside the building, the only rate option available to the customer will be Rate HT.

CURRENT CHARACTERISTICS.
Standard single-phase or polyphase secondary service.

MONTHLY RATE TABLE.
FIXED DISTRIBUTION SERVICE CHARGE:
$18.99 for single-phase service without demand measurement, or
$24.21 for single-phase service with demand measurement, or
$57.94 for polyphase service.

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VARIABLE DISTRIBUTION SERVICE CHARGE:
$10.39 per kW of billed demand
($0.0006) per kWh for all kWh

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ENERGY EFFICIENCY CHARGE: $0.00271 per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Classes 2 and 3/4.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

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DETERMINATION OF DEMAND.
The billing demand may be measured where consumption exceeds 1,100 kilowatt-hours per month for three consecutive months; or where load tests indicate a demand of five or more kilowatts; or where the customer requests demand measurement. Measured demands will be determined to the nearest 0.1 of a kilowatt but will not be less than 1.2 kilowatts, and will be adjusted for power factor in accordance with the Rules and Regulations.

For those customers with demand measurement the billing demand will be determined as follows:

(a) For customers with demand up to 500 kW, the billing demand shall be the measured demand, with a minimum billing demand of 1.2 kW.

For customers with demand greater than 500 kW, the billing demand shall be the greater of (i) the measured demand, (ii) 40% of the maximum contract demand; or (iii) the maximum measured demand from the prior year.

If a measured demand customer has less than 1,100 monthly kilowatt-hours of use, the monthly billing demand will be the measured demand or the metered monthly kilowatt-hours divided by 175 hours, whichever is less, but not less than 1.2 kilowatts.

For those customers without demand measurement, the monthly billing demand will be computed by dividing the metered monthly kilowatt-hours by 175 hours. The computed demand will be determined to the nearest 0.1 of a kilowatt, but will not be less than 1.2 kilowatts.

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MINIMUM CHARGE.

The monthly minimum charge for customers with demand measurement will be the Fixed Distribution Service Charge, plus the Variable Distribution Service Charge per KW of minimum billing demand as described above. The monthly minimum charge for customers with demand measurement will be the Fixed Distribution Service Charge, plus per KW of billing demand. In addition to the above, for customers in Procurement Class 3/4 charges will be assessed on PJM's reliability pricing model.

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RATE-GS GENERAL SERVICE (continued)

SPECIAL PROVISION.

In accordance with Section 1511, Title 66 Public Utilities, a volunteer fire company, non-profit rescue squad, non-profit ambulance service or a non-profit senior citizen center meeting the requirements set forth below, may, upon application, elect to have its electric service billed at any of the following rate schedules: Rate R Residential Service or Rate R-H Residential Heating Service, as appropriate for the application. The execution of an electric service contract for a minimum term of one year at the chosen rate will be required of any entity electing service pursuant to the options provided by this provision.

For the purposes of this provision, the following words and terms shall have the following meanings, unless the context clearly indicates otherwise:

VOLUNTEER FIRE COMPANY. A separately metered service location consisting of a building, sirens, a garage for housing vehicular firefighting equipment, or a facility certified by the Pennsylvania Emergency Management Agency (PEMA) for fire fighter training. The use of electric service at this location shall be to support the activities of the volunteer fire company. Any fund raising activities at this service location must be used solely to support volunteer fire fighting operations.

The customer of record at this service location must be a predominantly volunteer fire company recognized by the local municipality or PEMA as a provider of firefighting services.

NON PROFIT SENIOR CITIZEN CENTER. A separately metered service location consisting of a facility for the use of senior citizens coming together as individuals or groups and where access to a wide range of services to senior citizens is provided. The customer of record at this service location must be an organization recognized by the Internal Revenue Service (IRS) or the Commonwealth as a non profit entity and recognized by the Pennsylvania Department of Aging as an operator of a senior citizen center.

NON-PROFIT RESCUE SQUAD. A separately metered service location consisting of a building, sirens, a garage for housing vehicular rescue equipment; and qualified by the Commonwealth as a non-profit entity; and a facility recognized by the Pennsylvania Emergency Management Agency (PEMA) or the Pennsylvania Department of Health as a provider of rescue services. The use of electric service at this location shall be to support the activities of the non-profit rescue squad. Any fund raising activities at this service location must be used solely to support the non-profit rescue squad operations.

NON-PROFIT AMBULANCE SERVICE. A separately metered service location consisting of a building, sirens, a garage for housing vehicular rescue equipment; and qualified by the Commonwealth as a non-profit entity; and a facility licensed by the Pennsylvania Department of Health as a provider of ambulance services. The use of electric service at this location shall be to support the activities of the non-profit ambulance service. Any fund raising activities at this service location must be used solely to support the non-profit ambulance service operations.

TERM OF CONTRACT.
The initial contract term shall be for at least one year.

PAYMENT TERMS.
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RATE-PD PRIMARY DISTRIBUTION POWER

AVAILABILITY.
Untransformed service from the primary supply lines of the Company's distribution system where the customer installs, owns, and maintains any transforming, switching and other receiving equipment required. However, standard primary service is not available in areas where the distribution voltage has been changed to either 13 kV or 33 kV unless the customer was served with standard primary service before the conversion of the area to either 13 kV or 33 kV. This rate is available only for service locations served on this rate on July 6, 1987 as long as the original primary service has not been removed. PECO Energy may refuse to increase the load supplied to a customer served under this rate when, in PECO Energy's sole judgment, any transmission or distribution capacity limitations exist. If a customer changes the billing rate of a location being served on this rate, PECO Energy may refuse to change that location back to Rate PD when, in PECO Energy's sole judgment, any transmission or distribution capacity limitations exist.

CURRENT CHARACTERISTICS.
Standard primary service.

MONTHLY RATE TABLE.
FIXED DISTRIBUTION SERVICE CHARGE: $295.86

VARIABLE DISTRIBUTION SERVICE CHARGE:
$9.43 per kW of billing demand
($0.0006) per kWh for all kWh

ENERGY EFFICIENCY CHARGE: $1.20 per kW of Peak Load Contribution

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Classes 2 and 3/4.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

DETERMINATION OF BILLING DEMAND.
The billing demand will be computed to the nearest kilowatt and will never be less than the measured demand, adjusted for power factor in accordance with the Rules and Regulations, nor less than 25 kilowatts. The 25kW minimum shall apply to the Energy Supply Charge and the Transmission Supply Charge. Additionally, the billing demand will not be less than 40% of the maximum demand specified in the contract.

MINIMUM CHARGE.
The monthly minimum charge shall be the Fixed Distribution Service Charge, plus the charge per kW component of the Variable Distribution Service Charge, plus in the case of Procurement Class 3/4 customers, charges assessed under PJM's reliability pricing model.

TERM OF CONTRACT.
The initial contract term shall be for at least three years.

PAYMENT TERMS.
Standard.

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RATE-HT HIGH TENSION POWER

AVAILABILITY.
Untransformed service from the Company's standard high tension lines, where the customer installs, owns, and maintains, any transforming, switching and other receiving equipment required.

CURRENT CHARACTERISTICS.
Standard high tension service.

MONTHLY RATE TABLE.
FIXED DISTRIBUTION SERVICE CHARGE: $353.76

VARIABLE DISTRIBUTION SERVICE CHARGE:
$6.26 per kW of billing demand
($0.0006) per kWh for all kWh

HIGH VOLTAGE DISTRIBUTION DISCOUNT:
For customers supplied at 33,000 volts: $0.19 per kW of measured demand.
For customers supplied at 69,000 volts: $1.55 per kW of measured demand.
For customers supplied over 69,000 volts: $1.55 per kW of measured demand.

ENERGY EFFICIENCY CHARGE: $1.20 per kW of Peak Load Contribution

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Classes 2 and 3/4.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

DETERMINATION OF BILLING DEMAND.
The billing demand will be computed to the nearest kilowatt and will never be less than the measured demand, adjusted for power factor in accordance with the Rules and Regulations, nor less than 25 kilowatts. Additionally, the billing demand will not be less than 40% of the maximum demand specified in the contract. The 25 kW minimum shall apply to the Energy Supply Charge and the Transmission Supply Charge.

CONJUNCTIVE BILLING OF MULTIPLE DELIVERY POINTS.
If the load of a customer located at a delivery point becomes greater than the capacity of the standard circuit or circuits established by the Company to supply the customer at that delivery point, upon the written request of the customer, the Company will establish a new delivery point and bill the customer as if it were delivering and metering the two services at a single point, as long as installation of the new service is, in the Company's opinion, less costly for the Company than upgrading the service to the first delivery point and provided that such multi-point delivery is not disadvantageous to the Company.

MINIMUM CHARGE.
The monthly minimum charge shall be the Fixed Distribution Service Charge, plus the charge per kW component of the Variable Distribution Service Charge, and modify less the high voltage discount where applicable plus in the case of Procurement Class 3/4 customers, charges assessed on PJM's reliability pricing model.

TERM OF CONTRACT.
The initial contract term shall be for at least three years.

PAYMENT TERMS.
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RATE EP ELECTRIC PROPULSION

AVAILABILITY.
This rate is available only to the National Rail Passenger Corporation (AMTRAK) and to the Southeastern Pennsylvania Transportation Authority (SEPTA) for untransformed service from the Company's standard high tension lines, where the customer installs, owns, and maintains any transforming, switching and other receiving equipment required and where the service is provided for the operation of electrified transit and railroad systems and appurtenances. Rate EP is also available to legacy transformed service that is receiving service pursuant to Rate EP as of January 1, 2020; Rate EP or successor rates shall remain available for such legacy transformed service until at least December 31, 2040.

CURRENT CHARACTERISTICS.
Standard sixty hertz (60 Hz) high tension service.

MONTHLY RATE TABLE.
FIXED DISTRIBUTION SERVICE CHARGE: $1,292.35 per delivery point

VARIABLE DISTRIBUTION SERVICE CHARGE:
$4.60 per kW of billing demand
($0.0006) per kWh for all kWh

HIGH VOLTAGE DISTRIBUTION DISCOUNT:
For delivery points supplied at 33,000 volts: $0.19 per kW.
For delivery points supplied at 69,000 volts: $1.55 per kW for first 10,000 kW of measured demand.
For delivery points supplied over 69,000 volts $1.55 per kW for first 100,000 kW of measured demand.

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 3/4.

ENERGY EFFICIENCY CHARGE: $1.20 per kW of Peak Load Contribution

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

DETERMINATION OF BILLING DEMAND.
The billing demand will be computed to the nearest kilowatt and will never be less than the measured demand, adjusted for power factor in accordance with the Rules and Regulations, nor less than 5,000 kilowatts. Additionally, the billing demand will not be less than 40% of the maximum demand specified in the contract.

CONJUNCTIVE BILLING OF MULTIPLE DELIVERY POINTS.
If the load of a customer located at a delivery point becomes greater than the capacity of the standard circuit or circuits established by the Company to supply the customer at that delivery point, upon the written request of the customer, the Company will establish a new delivery point and bill the customer as if it were delivering and metering the two services at a single point, as long as installation of the new service is, in the Company's opinion, less costly for the Company than upgrading the service to the first delivery point and provided that such multi-point delivery is not disadvantageous to the Company. Conjunctive billing under this section is available regardless of whether the conjunctively-billed sites take generation service from one or more generation suppliers and/or PECO default service.

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RATE POL PRIVATE OUTDOOR LIGHTING

AVAILABILITY.
To any residential or commercial customer with outdoor lighting of sidewalks, driveways, yards, lots and similar places, outside the scope of service under Rates SL-S and SL-E.

MONTHLY RATE TABLE.
A Standard Lighting Unit shall be a Cobra Head or Floodlight comprised of a bracket, the lead wires, and a luminaire, including lamp, reactor, and control. The wattage is composed of manufacturer's rating of its lamps, ballasts, transformers, individual controls, and other load components required for its operation

MERCURY-VAPOR LAMPS	PRICE PER LIGHTING UNIT DISTRIBUTION (Co.Pole)	(Cust.Pole)
100 Watts (nominally 4,000 Lumens)	$14.34	$12.83
175 Watts (nominally 8,000 Lumens)	$19.41	$17.96
250 Watts (nominally 12,000 Lumens)	$23.88	$22.58
400 Watts (nominally 20,000 Lumens)	$30.72	$29.01
400 Watts Floodlight (nominally 22,000 Lumens)	$33.27	$31.56

SODIUM-VAPOR LAMPS	DISTRIBUTION (Co.Pole)	(Cust.Pole)
70 Watts (nominally 5,800 Lumens)	$19.67	$18.19
250 Watts (nominally 25,000 Lumens)	$31.16	$29.45
400 Watts (nominally 50,000 Lumens)	$34.05	$32.34
400 Watts Floodlight (nominally 50,000 Lumens)	$36.57	$34.86

Service to the above listed Mercury-Vapor Lamps and Sodium-Vapor Lamps is not available as of January 1, 2016 to new Customers or existing customers for new or replacement luminaires. The Company will not replace defective or broken mercury vapor or sodium vapor luminaires, including ballasts. In such cases, the customer must take service under one of the current lighting unit options as set forth below.

METAL HALIDE LAMPS	DISTRIBUTION (Co.Pole)	(Cust.Pole)
100 Watts (nominally 7,800 Lumens)	$29.19	$28.23
175 Watts (nominally 13,000 Lumens)	$30.61	$28.82
250 Watts (nominally 20,500 Lumens)	$32.36	$30.59
400 Watts (nominally 36,000 Lumens)	$36.01	$34.35
1000 Watts (nominally 110,000 Lumens)	$62.66	$61.02

HIGH PRESSURE SODIUM VAPOR LAMPS	DISTRIBUTION (Co.Pole)	(Cust.Pole)
50 Watts (nominally 4,000 Lumens)	$19.55	$18.06
70 Watts (nominally 5,800 Lumens)	$22.14	$20.48
100 Watts (nominally 9,500 Lumens)	$23.37	$21.71
150 Watts (nominally 16,000 Lumens)	$25.48	$23.84
250 Watts (nominally 25,000 Lumens)	$29.84	$28.17
400 Watts (nominally 50,000 Lumens)	$36.08	$34.41
1,000 Watts (nominally 130,000 Lumens)	$41.49	$40.84

LIGHT-EMITTING DIODE LAMPS	DISTRIBUTION (Co.Pole)	(Cust.Pole)
5 Watts (nominally 3,300 Lumens)	$32.06	$30.51
53 Watts (nominally 5,000 Lumens)	$32.86	$31.30
87 Watts (nominally 8,300 Lumens)	$33.91	$32.36
163 Watts (nominally 15,800 Lumens)	$36.88	$35.33
215 Watts (nominally 20,000 Lumens)	$38.66	$37.11

ENERGY SUPPLY CHARGE. Refer to the Generation Supply Adjustment Procurement Class 2.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY, NON-BYPASSABLE TRANSMISSION CHARGE, CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

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RATE POL PRIVATE OUTDOOR LIGHTING (continued)

TERMS AND CONDITIONS.

1. Service. Lighting service shall be supplied from distribution facilities and equipment installed, owned, and maintained by the Company. Each lighting installation must be separately connected to a Point of Delivery on the Company's secondary distribution system. Lighting service will be operated on an all-night, every-night lighting schedule under which lights are turned on after sunset and off before sunrise with approximately 4,100 operating hours (average monthly burning hours = 341.11 hours). Each lamp shall be controlled by a photoelectric cell which shall operate to energize the lamp during periods of darkness and de-energize it during other periods. The service includes the supply of lamps and their renewal when burned out or broken. Renewal of lamps will be made only during regular daytime working hours after notification by the customer of the necessity.

2. Standard Installations. In connection with the standard service provided herein, the Company will install, own and maintain all facilities within highway limits, all standard service-supply lines, and all Lighting Units. The customer will install, own and maintain all poles on the customer's property and all service extensions on the customer's property from the Company's standard service-supply lines.

Investment by the Company under standard conditions of supply will be limited to that warranted by three times the prospective revenue recovered through the Company's tariffed Variable Distribution Service Charge. Any additional investment will be assumed by the customer.

Title to all lighting installations of a type approved by the Company shall be vested in the Company and all necessary maintenance, repair and replacement of equipment in such installations will be made by the Company.

Standard supply to lighting installations will be from aerial wires, except that, at the option of the Company, in areas where its other distribution facilities are underground, supply may be underground.

3. Non-Standard installations. For underground supply furnished at the request of the customer where aerial supply would be normal, or for other than standard installations made at the request of the customer and of a type approved by the Company, the Company will assume the cost up to the amount it would normally have invested and will require the customer to contribute all excess costs.

The Company may offer non-standard Lighting Units and installations in addition to those listed above in the Monthly Rate Table. For customers requesting such service, there will be an additional charge, as specified in the customer's contract based on the incremental cost over that listed in the Monthly Rate Table. Maintenance, repair and replacement of nonstandard equipment shall be at the expense of the customer.

4. Location Authorization and Protection. The location of lamps to be supplied is to be approved by the properly designated authorized representative of the customer. The customer shall furnish any requisite authority for the erection and maintenance of poles, wires, luminaires and other equipment necessary to operate the lamps at the approved locations.

Lighting Units shall be installed at locations and upon structures approved by the Company and in positions permitting servicing from a ladder truck.

At the expense of the customer, the Company will relocate a lamp to a new location after receiving a written request from the customer.

The customer shall protect the Company from malicious damage to the lighting system.

Customer construction shall meet the Company's standards which are based upon the National Electrical Code. Designs of proposed construction deviating from such standards shall be submitted to the Company for approval before proceeding with any work. The customer shall obtain and submit any permits or other authority requisite to the installation and operation of the Lighting Units served hereunder.

5. Equipment Removal. If the customer requests that the Company remove or replace any existing Private Outdoor Lighting installation, the Company will charge for removal or replacement of the installations and the associated poles and conductors used exclusively for the street lighting installation. The Company's charge will include the cost of removal or replacement plus the estimated remaining book value of the removed or replaced equipment less salvage.

6. Outage Allowances. Written notice to the Company prior to 4:00 pm of the failure of any light to burn on the previous night shall entitle the customer to a pro rata reduction in the charges under this rate for the hours of failure if such failure continues for a period in excess of 24 hours after the notice is received. Allowances will not be made for outages resulting from the customer's failure to protect the lighting system or from riot, fire, storm, flood, interference by civil or military authorities, or any other cause beyond the Company's control.

7. Customer Responsibility. The customer shall be solely responsible for determining the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

TERM OF CONTRACT.
The initial contract term for each lighting unit shall be for at least three years.

PAYMENT TERMS.
Standard.

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RATE SL-S STREET LIGHTING-SUBURBAN COUNTIES

AVAILABILITY.
To any municipal entity for outdoor lighting of streets, highways, bridges, parks and similar places located outside the city and county of Philadelphia, including directional highway signs at locations where other outdoor lighting service is established hereunder, only if all of the distribution facilities and equipment are installed, owned, and maintained by the Company.

ANNUAL RATE TABLE
The prices in the Rate Table apply to all Company-approved installations for (a) federal, state, county and municipal authorities and community associations entering into a contract for lighting service; and (b) building operation developers for lighting, during the development period, of streets that are to be dedicated, where the municipality has approved the lighting and agreed to subsequently assume the charges for it under a standard contract.

The wattage is composed of manufacturer's rating of its lamps, ballasts, transformers, individual controls, and other load components required for its operation.

Incandescent Filament Lamps

Size of Lamp (Nominal)	Billing Watts	Distribution
320 Lumens	32	$ 95.71
600 Lumens	58	$134.14
1,000 Lumens	103	$186.87
2,500 Lumens	202	$256.80
6,000 Lumens	448	$291.65
10,000 Lumens	690	$352.52

Mercury Vapor Lamps

Size of Lamp (Nominal)	Billing Watts	Distribution
4,000 Lumens	115	$219.95
8,000 Lumens	191	$231.88
12,000 Lumens	275	$246.79
20,000 Lumens	429	$289.26
42,000 Lumens	768	$411.09
59,000 Lumens	1,090	$461.99

Service to the above listed Incandescent Filament Lamps and Mercury-Vapor Lamps is not available after January 1, 2016 to new Customers or existing customers for new or replacement luminaires. The Company will not replace defective or broken incandescent filament or mercury vapor luminaires, including ballasts. In such cases, the customer must take service under one of the current lighting unit options as set forth below.

High Pressure Sodium-Vapor Lamps

Size of Lamp (Nominal)	Billing Watts	Distribution
5,800 Lumens	94	$218.43
9,500 Lumens	131	$237.33
16,000 Lumens	192	$266.28
25,000 Lumens	294	$302.06
50,000 Lumens	450	$359.29

Light-Emitting Diode Lamps Size of Lamp (Nominal)

	Billing Watts	Distribution
3,300 Lumens	35	$385.04
5,000 Lumens	53	$394.60
8300 Lumens	87	$407.28
15,800 Lumens	163	$442.94
20,000 Lumens	215	$464.31

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment, Procurement Class 2.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT, APPLY TO THIS RATE.

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RATE SL-S STREET LIGHTING-SUBURBAN COUNTIES (continued)

TERMS AND CONDITIONS.

1. Service. Lighting service shall be supplied from distribution facilities and equipment installed, owned, and maintained by the Company. Each lighting installation must be separately connected to a Point of Delivery on the Company's secondary distribution system. Lighting service will be operated on an all-night, every-night lighting schedule under which lights are turned on after sunset and off before sunrise with approximately 4,100 operating hours (average monthly burning hours = 341.11 hours). Each lamp shall be controlled by a photoelectric cell which shall operate to energize the lamp during periods of darkness and de-energize it during other periods. The service includes the supply of Lightning Units and their renewal when burned out or broken. Renewal of lamps will be made only during regular daytime working hours after notification by the customer of the necessity.

2. Standard Installations. The Company will install, own, and maintain its distribution facilities and equipment on the public highways to the extent warranted by three times the prospective revenue recovered through the Company's tariffed Variable Distribution Service Charge, with any additional investment to be assumed by the customer.

Title to all lighting installations of a type approved by the Company shall be vested in the Company and all necessary maintenance, repair and replacement of equipment in such installations will be made by the Company.

Standard supply to lighting installations will be from aerial wires, except that, at the option of the Company, in areas where its other electric distribution facilities are underground, supply may be underground.

3. Non-Standard installations. For underground supply furnished at the request of the customer where aerial supply would be normal, or for other than standard installations made at the request of the customer and of a type approved by the Company, the Company will assume the cost up to the amount it would normally have invested and will require the customer to contribute all excess costs.

The Company may offer non-standard Lighting Units and installations in addition to those listed above in the Annual Rate Table. For customers requesting such service, there will be an additional charge, as specified in the customer's contract based on the incremental cost over that listed in the Annual Rate Table. Maintenance, repair and replacement of nonstandard equipment shall be at the expense of the customer.

The installation cost of lighting on private property, or for contracts of less than standard term, shall be paid by the customer.

4. Location, Authorization and Protection. The location of lamps to be supplied is to be approved by the properly designated authorized representative of the customer. The customer shall furnish any requisite authority for the erection and maintenance of poles, wires, luminaires and other equipment necessary to operate the lamps at the approved locations.

Lighting Units shall be installed at locations and upon structures approved by the Company and in positions permitting servicing from a ladder truck.

At the expense of the customer, the Company will relocate a lamp to a new location after receiving a written request from the customer.

The customer shall protect the Company from malicious damage to the lighting system.

5. Equipment Removal. If the customer requests that the Company remove or replace any existing Street Lighting installation, the Company will charge for removal or replacement of the installation and the associated poles and conductors used exclusively for the installation. The Company's charge will include the cost of removal or replacement plus the estimated remaining book value of the removed or replaced equipment less salvage.

6. Outage Allowances. Written notice to the Company prior to 4:00 pm of the failure of any light to burn on the previous night shall entitle the customer to a pro rata reduction in the charges under this rate for the hours of failure if such failure continues for a period in excess of 24 hours after the notice is received. Allowances will not be made for outages resulting from the customer's failure to protect the lighting system or from riot, fire, storm, flood, interference by civil or military authorities, or any other cause beyond the Company's control.

7. Customer Responsibility. The customer shall be solely responsible for determining the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

TERM OF CONTRACT.
The initial contract term for each lighting installation shall be for at least three years.

PAYMENT TERMS.
Bills will be rendered monthly. Each month, for the purpose of prorating the price, shall be considered 1/12 of a year.

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Section Break (Continuous)

RATE SL-E STREET LIGHTING CUSTOMER OWNED FACILITIES

AVAILABILITY.
To any governmental agency for outdoor lighting provided for the safety and convenience of the public of streets, highways, bridges, parks or similar places, including directional highway signs at locations where other outdoor lighting service is established hereunder only if all of the Utilization Facilities, as defined in Terms and Conditions in this Base Rate, are installed, owned and maintained by a governmental agency.

This rate is also available to community associations of residential property owners both inside and outside the City of Philadelphia for the lighting of streets that are not dedicated. This rate is not available to commercial or industrial customers. All facilities and their installation shall be approved by the Company.

MONTHLY RATE TABLE.

SERVICE LOCATION DISTRIBUTION CHARGE:	$6.65 per Service Location (as defined below) *
VARIABLE DISTRIBUTION CHARGE:	$0.01759 per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2*.

* The service location charge includes an Energy Efficiency Program Surcharge of $0.00 per location.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

SERVICE LOCATION.
A Service Location is the Point of Delivery on the Company's secondary circuit. that connects to one or more Utilization Facilities. A customer may connect multiple Utilization Facilities to a single Service Location in accordance with Paragraph 2c and approval by the Company.

DETERMINATION OF ENERGY BILLED.
The energy use for a month of a Service Location shall be computed to the nearest kilowatt hour as the product of one thousandth of its wattage and the effective hours of use of such wattage during the calendar month under the established operation schedules as set forth under Terms and Conditions, Paragraph 1 Service. The wattage, expressed to the nearest tenth of a watt, of a Service Location shall be composed of manufacturer's rating of its lamps, ballasts, transformers, individual controls and other load components required for its operation. The aggregate of the kilowatt hours thus computed for all Active Service Locations shall constitute the energy billed for the month.

TERMS AND CONDITIONS.

1. Service. Lighting service will be operated on all-night, every-night lighting schedules, under which lights normally are turned on after sunset and off before sunrise with approximately 4,100 annual operating hours (average monthly burning hours = 341.11 hours). Extended lighting service during all daylight hours will be supplied for lamps specified by the customer

2. Ownership of Utilization Facilities.
   a. Service Locations Supplied from Aerial Circuits: customer shall provide, own and maintain the Utilization Facilities defined as the brackets, hangers, luminaires, lamps/LED array(s), ballasts/drivers, transformers, individual controls, conductors, molding and supporting insulators between the lamp receptacles and line wires of the Company's distribution facilities and any other components as required for the operation of each Service Location.
   The Company shall provide the supporting pole or post for such aerially supplied Service Location and will issue authorization to permit the customer to install thereon the said Utilization Facilities. If the Company sells aerially supplied streetlighting facilities to a government agency in order to qualify for SL-E, such sale will include the supporting pole or post.
   b. Service Locations Supplied from Underground Circuits: customer shall provide, own and maintain the Utilization Facilities defined as brackets or hangers, luminaires, lamps/LED array(s), ballasts/drivers, transformers, individual controls, and conductors and shall assume all costs of installing such Utilization Facilities. Customer shall also provide, own, and maintain the supporting pole or post foundation with 90 degree pipe bend, and conduits from the luminaires to sidewalk level, or in special cases, such as Federally and State financed limited access highways, to a Service Location designated by the Company on its secondary voltage circuit.
   Except as provided in Paragraph 5 Supply Facilities, the Company shall own conduit from the distribution circuit to the 90 degree pipe bend, shall own conductors from its distribution system to the designated Service Location and shall provide sufficient length of conductors for splicing at the designated Service Location or in the post base where sidewalk level access is provided.
   c. Service to Group of Utilization Facilities:

AERIAL SUPPLY
When the customer requests service to a group of Utilization Facilities supplied from aerial distribution facilities, the customer is responsible for providing the support poles or posts for the Utilization Facilities. The Company will provide a service, nominally 100 feet, to the customer's first supporting structure. The customer is responsible for installing supply conductors from the first supporting structure to all Utilization Facilities.

UNDERGROUND SUPPLY
When groups of Utilization Facilities are supplied from underground distribution facilities, the customer is responsible for the supporting poles or posts and the supply conductors to each Utilization Facility from the designated Service Location. If the customer requests an underground supply to a group of Utilization Facilities and the designated Service Location is a secondary terminal pole, the customer will install, own, maintain all cable, including the cable on the pole.

3. Standards of Construction for Utilization Facilities. Customer construction shall meet the Company's standards which are based upon the National Electrical Safety Code. Designs of proposed construction deviating from such standards shall be submitted to the Company for approval before proceeding with any work.

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RATE SL-E STREET LIGHTING CUSTOMER-OWNED FACILITIES (continued)

4. Power Factor. The Utilization Facilities provided by the customer shall be of such a nature as to maintain the power factor of each Lighting Unit at not less than 85%.

5. Supply Facilities. Lighting service shall be supplied from distribution facilities and equipment installed, owned and maintained by the Company. A customer contribution for new, additional or relocated lighting service may be required as described in Paragraph 11.

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Where Company ownership of conduit, manholes or vaults may not be practical for reasons beyond its control (such as bridges, overpasses, underpasses and limited access highways), the customer shall make available at no expense to the Company, space for the Company's distribution facilities required in rendering service under this rate.

6. Connection of Service Location. For new, additional or relocated Service Locations and for any modernization or maintenance work involving connections to the Company's distribution circuits, the customer will provide sufficient length of conductors to permit the Company to make taps at the top of the pole for aerial circuits, or for splices to underground circuits at the designated delivery point on the Company's secondary voltage circuit. All work done by the customer that may involve Company street lighting, control, and other distribution circuits shall be performed under Company permit and blocking procedures.

7. Service. Lighting service will be operated on all-night, every-night lighting schedules, under which lights normally are turned on after sunset and off before sunrise with approximately 4,100 annual operating hours (average monthly burning hours = 341.11 hours). Extended lighting service during all daylight hours will be supplied for lamps specified by the customer.

8. Change in Size and Type of Service Locations. Written notice of any planned change in size or type of any components of Service Locations shall be furnished by the customer to the Company not less than 10 days prior to the effective date of such change. The customer shall be responsible for notification to the Company of any changes made in manufacturer's wattage ratings at any Service Location.

9. Service Maintenance. Upon receipt of report of a Service Location not receiving power, the Company will determine the cause of power failure and will restore service to the distribution circuit and control equipment, disconnecting, if necessary, any faulty Service Location from the circuit. Customer will make necessary repairs between the luminaires of the faulty utilization facilities and the point of connection to the Company's distribution circuit. In the event the fault is located in the Company owned facilities, the customer will bill the Company for this portion of the replaced facilities.

10. Authorization and Protection. The customer shall, to the extent of one's ability, furnish any requisite authority for the erection and maintenance of poles, wires, fixtures and other equipment necessary to operate the lights at the locations and under the conditions designated, and shall protect the Company from malicious damage to the lighting system.

11. New, Additional or Relocated Lighting. The total costs to provide lighting service for new, additional or relocated lamps installed by the customer shall be subject to a revenue test. If the costs exceed the estimated revenue recovered through the Company's tariffed Variable Distribution Service Charges for four years, a customer contribution for all excess costs will be required.

12. Relocation of Service Locations. Where a pole is replaced by the Company at its own option, it shall be the customer's responsibility to have the Utilization Facilities transferred from the old to the new pole.

13. Customer Responsibility. The customer shall be solely responsible for determining the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

TERM OF CONTRACT.
The initial contract term for each Service Location shall be for at least one year.

PAYMENT TERMS.
Bills will be rendered monthly.

RATE SL-C SMART LIGHTING CONTROL LIGHTING CUSTOMER OWNED FACILITIES

AVAILABILITY.
Any governmental agency for outdoor lighting, provided for the safety and convenience of the public of streets, highways, bridges, parks or similar places, that complies with each of the following conditions:

(A) Installs a Smart Lighting Control Module approved by the Company that has capabilities including but not necessarily limited to:
  a. Measurement of energy usage at the individual Utilization Facility level.
  b. Customer control of the lamp's burning hours.
  c. Data showing failure of the lamp to burn, such as customer notification, that customer can provide to Company upon request.
  d. Ability of customer to dim the lights (LED only).

(B) Provides energy usage to the Company as described below under Data Requirements.

(C) Installs, owns, and maintains all Utilization Facilities, as defined in the Terms and Conditions of this Base Rate. (All facilities and their installation shall be approved by the Company.)

This rate is also available to community associations of residential property owners both inside and outside the City of Philadelphia for the lighting of streets that are not dedicated. This rate is not available to commercial or industrial customers.

Customers may take service under the rate beginning on July 1, 2019. The below listed pricing will be revised, as needed, based on applicable surcharge adjustments prior to the SL-C effective service date of July 1, 2019.

MONTHLY RATE TABLE.

SERVICE LOCATION DISTRIBUTION CHARGE:	$5.63 per Service Location (as defined below)*
VARIABLE DISTRIBUTION CHARGE:	$0.03292 per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2*.

* The service location charge includes an Energy Efficiency Program Surcharge of $0.00 per location.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

SERVICE LOCATION.
A Service Location is the Point of Delivery on the Company's secondary circuit that connects to one or more Utilization Facilities. A customer may connect multiple Utilization Facilities to a single Service Location in accordance with Paragraph 2c and approval by the Company

DATA REQUIREMENTS.
The customer must notify the Company of its intent to enroll or modify lights under this rate at least 30 days prior to the start of the regularly scheduled billing cycle during which the enrollment or modification will become effective.

The customer must provide the following data to the Company from its Company-approved Smart Lighting Control Module for each light added or modified:

(A) Manufacturer-rated wattage
(B) Annual burning hours, if different than the standard 4,100 burning hours as defined below under paragraph 1 Service of Terms and Conditions
(C) Dimming percentage/factor

The Company also requires the customer to provide the Global Positioning System (GPS) coordinates for each light.

DETERMINATION OF ENERGY BILLED.
Upon acceptance of the required data, the Company shall modify the energy billed going forward for a period of up to twelve months or at another frequency as required by the Company. The energy use for a month of a Service Location shall be computed to the nearest kilowatt hour as the product of one thousandth of its wattage, adjusted based on the provided dimming percentage/factor, and the provided burning hours during the calendar month.

The Company may, at any time and without prior notice, request that the customer provide updates to the above data or provide actual energy consumption data and burning hours for each light, by calendar month, for up to the past 12 months to verify the continued accuracy of Company billing.

For any regularly scheduled billing cycle in which the customer has not provided acceptable information from its Company-approved Smart Lighting Control Module, the Company shall modify the energy billed going forward by changing the burning hours used to the standard 4,100 burning hours as defined below under Paragraph 1 Service of Terms and Conditions.

The Company reserves the right to modify the customer's rate to SL-E in the continued absence of required data from the customer.

TERMS AND CONDITIONS.

1. Service. For any regularly scheduled billing cycle in which the customer has not provided acceptable information from its Company-approved Smart Lighting Control Module, lighting service will be operated on all-night, every-night lighting schedules, under which lights normally are turned on after sunset and off before sunrise with approximately 4,100 annual operating hours (average monthly burning hours = 341.11 hours). Extended lighting service during all daylight hours will be supplied for lamps specified by the customer.
   If the customer provides information from the Smart Lighting Control Module as described above to justify a different billing usage, the burning hours provided by the customer will be used instead of the standard 4,100 annual operating hours.

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RATE SL-C SMART LIGHTING CONTROL LIGHTING CUSTOMER OWNED FACILITIES (continued)

2. Ownership of Utilization Facilities.
   a. Service Locations Supplied from Aerial Circuits: Customer shall provide, own and maintain the Utilization Facilities defined as the brackets, hangers, luminaires, lamps/LED array(s), ballasts/driver, transformers, Company-approved Smart Control Modules, conductors, molding and supporting insulators between the luminaires and line wires of the Company's distribution facilities and any other components as required for the operation of each Service Location. The Company shall provide the supporting pole or post for such aerially supplied Service Location and will issue authorization to permit the customer to install thereon the said Utilization Facilities. If the Company sells aerially supplied streetlighting facilities to a government agency in order to qualify for SL-C, such sale will include the supporting pole or post.
   b. Service Locations Supplied from Underground Circuits: Customer shall provide, own and maintain the Utilization Facilities defined as brackets or hangers, luminaires, lamps/LED array(s), ballasts/driver, transformers, individual controls, and conductors and shall assume all costs of installing such Utilization Facilities. Customer shall also provide, own, and maintain the supporting pole or post, foundation with 90 degree pipe bend and conduits from the luminaires to sidewalk level, or in special cases, such as Federally and State financed limited access highways, to a Service Location designated by the Company on its secondary voltage circuit. Except as provided in Supply Facilities, the Company shall own conduit from the distribution circuit to the 90 degree pipe bend, shall own conductors from its distribution system to the designated Service Location and shall provide sufficient length of conductors for splicing at the designated Service Location or in the post base where sidewalk level access is provided.
   c. Service to Group of Utilization Facilities:

      AERIAL SUPPLY

      When the customer requests service to a group of Utilization Facilities supplied from aerial distribution facilities, the customer is responsible for providing the support poles or posts for the Utilization Facilities. The Company will provide a service, nominally 100 feet, to the customer's first supporting structure. The customer is responsible for installing supply conductors from the first supporting structure to all Utilization Facilities.

      UNDERGROUND SUPPLY

      When groups of Utilization Facilities are supplied from underground distribution facilities, the customer is responsible for the supporting poles or posts and the supply conductors to each Utilization Facility from the designated Service Location. If the customer requests an underground supply to a group of Utilization Facilities and the designated Service Location is a secondary terminal pole, the customer will install, own, maintain all cable, including the cable on the pole.

3. Standards of Construction for Utilization Facilities. Customer construction shall meet the Company's standards which are based upon the National Electrical Safety Code. Designs of proposed construction deviating from such standards shall be submitted to the Company for approval before proceeding with any work.

4. Power Factor. The Utilization Facilities provided by the customer shall be of such a nature as to maintain the power factor of each Lighting Unit at not less than 85%.

5. Supply Facilities. Lighting service shall be supplied from distribution facilities and equipment installed, owned and maintained by the Company. A customer contribution for new, additional or relocated lighting service may be required as described in Paragraph 10.

   Where Company ownership of conduit, manholes or vaults may not be practical for reasons beyond its control (such as bridges, overpasses, underpasses and limited access highways), the customer shall make available at no expense to the Company, space for the Company's distribution facilities required in rendering service under this rate.

6. Connection of Service Location. For new, additional or relocated Service Locations and for any modernization or maintenance work involving connections to the Company's distribution circuits, the customer will provide sufficient length of conductors to permit the Company to make taps at the top of the pole for aerial circuits, or for splices to underground circuits at the designated Service Location on the Company's secondary voltage circuit. All work done by the customer that may involve Company street lighting, control, and other distribution circuits shall be performed under Company permit and blocking procedures.

7. Change in Size and Type of Service Locations. Written notice of any planned change in size or type of any components of Service Locations, or any replacement of the Company-approved Smart Control Module, shall be furnished by the customer to the Company not less than 30 days prior to the effective date of such change. The customer shall be responsible for notification to the Company of any changes made in manufacturer's wattage ratings at any Service Location.

8. Service Maintenance. Upon receipt of report of a Service Location not receiving power, the Company will determine the cause of power failure and will restore service to the distribution circuit and control equipment, disconnecting, if necessary, any faulty Service Location from the circuit. Customer will make necessary repairs between the luminaires of the faulty utilization facilities and the point of connection to the Company's distribution circuit. In the event the fault is located in the Company owned facilities, the customer will bill the Company for this portion of the replaced facilities.

9. Authorization and Protection. The customer shall, to the extent of one's ability, furnish any requisite authority for the erection and maintenance of poles, wires, fixtures and other equipment necessary to operate the lights at the locations and under the conditions designated, and shall protect the Company from malicious damage to the lighting system.

10. New, Additional or Relocated Lighting. The total costs to provide lighting service for new, additional or relocated lamps installed by the customer shall be subject to a revenue test. If the costs exceed the estimated revenue recovered through the Company's tariffed Variable Distribution Service Charges for four years, a customer contribution for all excess costs will be required.

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RATE SL-C SMART LIGHTING CONTROL LIGHTING CUSTOMER OWNED FACILITIES (continued)

11. Relocation of Service Locations. Where a pole is replaced by the Company at its own option, it shall be the customer's responsibility to have the Utilization Facilities transferred from the old to the new pole.

12. Customer Responsibility. The customer shall be solely responsible for determining the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

TERM OF CONTRACT.
The initial contract term for each Service Location shall be for at least one year.

PAYMENT TERMS.
Bills will be rendered monthly.

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PECO Energy Company
Supersedes Eighth Revised Page No. 68¶

RATE TLCL TRAFFIC LIGHTING CONSTANT LOAD SERVICE

AVAILABILITY.
To any municipality using the Company's standard service for (a) electric traffic signal lights installed, owned and maintained by the municipality, and/or (b) unmetered traffic control cameras or other small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the municipality.
To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically separate from any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account.
To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically integrated with any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account, but only if the non-municipal customer meets the conditions of the Special Termination Rights provision of this Rate.

CURRENT CHARACTERISTICS.
Standard single phase secondary service.

RATE TABLE.
SERVICE LOCATION CHARGE: $3.67 PER LOCATION

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VARIABLE DISTRIBUTION SERVICE CHARGE: $0.01621 per kWh (as defined below)*

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*The Variable Distribution charge includes an Energy Efficiency Program Surcharge of ($0.00003) per kWh
ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY, NON-BYPASSABLE TRANSMISSION CHARGE, CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

SPECIAL RULES AND REGULATIONS.
The use of energy will be estimated by the Company on the basis of the size of lamps and controlling apparatus and the burning hours. The customer shall immediately notify the Company whenever any change is made in the equipment or the burning hours or constant load devices, so that the Company may forthwith revise its estimate of the energy used.

The Company shall not be liable for damage to person or property arising, accruing or resulting from the attachment of the signal equipment to its poles, wires, or fixtures. The customer shall be responsible to determine the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

SPECIAL TERMINATION RIGHTS
Some facilities that receive service under Rate TLCL may be electrically configured such that it is not possible to terminate service to the Rate TLCL facility without also terminating service to a facility that is receiving service under a separate account, Rate or Rider. In the event of non-payment of bills for service to such a Rate TLCL facility, PECO will provide a termination notice to the customer. The customer may then, at its discretion, notify PECO that it intends to engage in self-termination by removing its facilities from the PECO system within 30 days. If the customer has not removed its facilities within 30 days, then PECO may, at its sole discretion and upon 72-hour notice, physically remove the customer facility as a means of terminating service to that facility. Taking service under Rate TLCL constitutes full customer permission for PECO to engage in such removals. Notwithstanding any removal of such facilities by either the customer of PECO, the customer shall remain fully obligated to PECO for payment of all charges incurred under Rate TLCL. In addition, the customer shall pay to PECO its full cost of removing the facilities, including direct and indirect labor costs, use of truck or other equipment, fuel costs, and costs of storing the customer equipment, all at PECO's normal rates for such work at such time as it may perform such removals. PECO shall not be liable for damage, if any, to the customer equipment that occurs during removal or storage.

TERM OF CONTRACT.
The initial contract term for each signal light installation and constant load device shall be for at least one year.

PAYMENT TERMS.
Standard.

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RATE BLI BORDERLINE INTERCHANGE SERVICE

AVAILABILITY.
Electric service supplied under reciprocal agreements, to neighboring electric utilities for resale in their adjacent territory at delivery points where the Company in its judgment can provide capacity in excess of the requirements of present and prospective customers in its own territory and for periods fixed by contract and terminable after the expiration of the initial term if capacity is no longer available.

CURRENT CHARACTERISTICS.
Standard primary or secondary service.

MONTHLY RATE TABLE.
For contracts newly entered on or after January 1, 2019, the Company will provide borderline interchange service under the Variable Distribution Service Charge of the appropriate Base Rate, plus an amount equal to 1% per month on the additional investment in facilities required by the Company to deliver and meter the service supplied. The appropriate Base Rate is the rate under which the Customer would be served if located within the Company's franchised service territory.

The Company will not apply this rate to contracts entered prior to January 1, 2019 unless the Company and the customer mutually agree to do so

MEASUREMENT.
The energy delivered may be metered or may be estimated from the purchaser's resales plus an agreed-upon correction to cover transformation and distribution losses.

TERM OF CONTRACT.
The initial contract term shall be for at least five years, and thereafter from year to year until terminated by 60 days' notice from either party, unless the Company and the customer mutually agree to a different term in the contract for service.

PAYMENT TERMS.
Payment of amounts billed shall be made within 15 days from date of bill.

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Fourth Revised Page No. 70¶
PECO Energy Company
Supersedes Third Revised Page No. 70¶

RATE AL - ALLEY LIGHTING IN CITY OF PHILADELPHIA

APPLICABILITY. To multiple, unmetered lighting service supplied the City of Philadelphia to operate lamps and appurtenances for all night outdoor lighting of alleys and courts that are installed, owned and maintained by the City, which assumes the cost involved in making the connections to the Company's facilities. This rate shall no longer be available to new lighting installations effective January 1, 2011.

LIGHTING DISTRIBUTION SERVICE DEFINED. All night outdoor lighting of alleys and courts by lights installed on poles or supports supplied by the City.

NOTICE TO COMPANY. The City shall give advance notice to the Company of all proposed new installations or of the replacement, removal or reconstruction of existing installations. The City shall advise the Company as to each new installation or change in the equipment or connected load of an existing installation, including any change in burning hours and the date on which such new or changed operation took effect.

MONTHLY RATE TABLE.
SERVICE LOCATION CHARGE: $2.34 Per Location (as defined below)*
*The service location charge includes an Energy Efficiency Program Surcharge of $0.00

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ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT CLAUSE APPLY TO THIS RATE.

PLAN OF MONTHLY BILLING.
Bills may be rendered in equal monthly installments, computed from the calculated annual use of energy, adjusted each month to give effect to any new or changed rate of annual use, by reason of changes in the City's installation, with charge or credit for fractional parts of the month during which a change occurred.

LIABILITY PROVISION.
The Company shall not be liable for damage, or for claims for damage, to persons or property, arising, accruing or resulting from, installation, location or use of lamps, wires, fixtures and appurtenances; or resulting from failure of any light, or lights, to burn for any cause whatsoever. The customer shall be responsible to determine the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

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APPLICABILITY INDEX OF RIDERS

Introductory Statement

Customers under different rates of this Tariff frequently desire services or present situations and conditions of supply which require special supply terms, charges or guarantees or which warrant modification of the amount or method of charge from the prices set forth in the Base Rate under which they are provided service. Modifications for such conditions are defined by rider provisions included as a part of this Tariff. Riders may be employed when applicable, with or without signed agreement between the customer and the Company as the case may require, notwithstanding anything to the contrary contained in the Base Rate to which the rider is applied.

Riders	Page No.	R	RH	RS	GS	PD	HT	POL	SL-S	SL-E	SL-C	EP	BLI	AL
Capacity Reservation Rider	74-78			X	X	X	X					X		
CAP Rider	79	X	X											
Casualty	80			X	X	X	X					X		
Commercial/ Industrial Direct Load Control Program Rider	81-82													
Construction	83				X[1]	X	X					X		
Economic Development	84-85				X	X	X							
Electric Vehicle DCFC Pilot Rider (EV-FC)	86-87				X	X	X							
Emergency Energy Conservation	88						X					X		
Investment Return Guarantee	89				X	X	X							
Night Service GS	90				X									
Night Service HT	91						X					X		
Night Service PD	92					X								
Receivership Rider	93				X	X	X	X	X	X	X	X		X
Residential Direct Load Control Rider	94-96	X	X	X										
Temporary Service	97	X	X	X	X	X	X							

[1]Available only to Rate GS customers with demands greater than 500kW

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PILOT CAPACITY RESERVATION RIDER (CRR)

PURPOSE.
This Rider sets forth the eligibility, terms and conditions applicable to Customers who operate generation in parallel with the Company distribution system and for whom the Company needs to reserve electric capacity to serve their load when the customer's generation is offline.

This Rider also sets forth the eligibility, terms and conditions applicable to Customers who want to reserve capacity in excess of their present demand from the PECO distribution system for new business growth or expansion.

DEFINITIONS.
Demand and billing demand are defined in tariff sections "Definitions of Terms and Explanation of Abbreviations" and Section 15 of "Rules and Regulations".

(1) Ability to Shed Load – The capability of the customer to reduce or interrupt its total connected load as a means of offsetting some or all of the loss of its Parallel Generation, in the event that its Parallel Generation goes offline or is not operating to full capacity.

(2) Capacity Reservation – The contracted amount of firm electrical distribution capacity, expressed in kW, reserved by the Company solely to meet the capacity requirement for which a customer has contracted under the CRR.

(3) CRR Level –

a. For customers with Parallel Generation, the portion of their Capacity Reservation equal to the contracted percentage of the Generator Nameplate Capacity of their customer-owned Parallel Generation, determined pursuant to the provisions of the section of this Rider titled "Capacity Reservation vs. CRR Level Designation."

b. For customers seeking to reserve capacity for new business growth or expansion, the portion of their Capacity Reservation for which they have contracted under the CRR for that purpose.

(4) "Failure To Shed Load" Penalty – A charge assessed to a customer with a Capacity Reservation, CRR Level, or both that were set in whole or part based upon Ability to Shed Load when that customer's generator goes offline and the customer does not shed load as agreed upon.

(5) Generator Nameplate Capacity **–** The maximum rated output of a generator under specific conditions designated by the manufacturer.

(6) Operational Flexibility in Operation of Generation – The capability of the customer to flexibly operate multiple generating facilities as a means of offsetting some or all of the loss of its Parallel Generation, in the event that its Parallel Generation goes offline or is not operating to full capacity.

(7) Parasitic Load – The power consumed by the equipment supporting the operation of a customer's generation.

(8) Parallel Generation – Non-utility generating facility(s) approved for Parallel Operation.

(9) Parallel Operation – Occurs when a non-utility generating facility(s) interconnected with and operates while connected to PECO's distribution system, where the potential exists for electricity to flow from said generating facility(s) into PECO's electric distribution system.

(10) Uncovered Demand – The difference between the customer's CRR Level and the customer's Capacity Reservation

APPLICABILITY/AVAILABILITY.
Applicable to customers, with customer generating facilities that have generating capacity of 100 kW or greater and are first placed online, or are granted approval for Parallel Operation, after January 1, 2016. This includes but is not limited to Qualifying Facilities or Small Power Producers and cogenerators as defined in the Public Utility Regulatory Policies Act, whose electrical requirements are partially or wholly provided by facilities not owned by the Company and when such facilities operate in parallel with the Company's distribution system. All such customers will be supplied under the provisions of this rider, the customer's applicable Base Rate, and other applicable riders. Customers who wish to reserve available electrical capacity in excess of their present demand for new business growth or expansion may do so under this rider.

PILOT CAPACITY RESERVATION RIDER (CRR) continued

NOTICE BEFORE COMMENCEMENT OF CRR SERVICE.
The customer shall not commence initial operation of any other source of supply in parallel with the Company's distribution lines until written permission is given by the Company for such parallel operation. Before a customer is placed on the CRR, the Company must provide written notice to the customer that includes the Capacity Reservation under the CRR and informs the customer that, upon receiving service under the CRR, capacity beyond this amount may not be available to serve the customer. The Company shall have the right to inspect the customer's installation prior to providing such written permission, and at any reasonable time thereafter in accordance with Tariff Rule 9.3.

CAPACITY RESERVATION VS. CRR LEVEL DESIGNATION.
The maximum firm capacity available to be reserved will be determined by the Company based upon its review of capacity available on its system at the time that a request for Capacity Reservation is made.

In all cases, if the requested electric capacity is not available the customer shall pay all cost to the Company of any construction necessary to meet the customer's Capacity Reservation requirement. To the extent that the requested capacity is needed for new business growth or expansion, the standard revenue test will apply when calculating the cost to be paid by the customer.
The Company must reserve capacity for a customer based upon an amount that the Company and customer agree accurately reflects the maximum demand that the Company must stand ready to serve to that customer.

For customers generating in parallel with the Company's distribution system:

For billing purposes, PECO will set the associated CRR Level as designated below:

For customers who have Generator Nameplate Capacity of greater than 100 kW but less than or equal to 5,000 kW, the CRR Level will be 60% of the Generator Nameplate Capacity.

For customers who have Generator Nameplate Capacity of greater than 5,000 kW but less than or equal to 10,000 kW, the CRR Level will be 50% of the Generator Nameplate Capacity.

Any customer, regardless of size of load or generation, may initiate negotiation as set forth below to designate the CRR at a level other than these levels.

Batteries and other electrical storage shall not be deemed to be generators for purpose of the CRR, and the nameplate capacity of storage or battery equipment shall not be included as, or treated as equivalent to, Parallel Generation for purposes of determining a customer's Capacity Reservation or CRR Level.

For customers who want to reserve capacity for new business growth or expansion, both the Capacity Reservation and the associated CRR Level will be determined by negotiation.

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PILOT CAPACITY RESERVATION RIDER (CRR) continued

NEGOTIATIONS FOR OPERATION OF CUSTOMER GENERATION.
If the CRR Level is set through negotiations for customers generating in parallel with the Company's distribution system, the following will apply:

The customer and PECO will meet to discuss customer operations. After such discussions, the customer may designate a CRR level other than as set forth above, based upon one or more of the following factors as defined above:

1. Parasitic Load: This will be subtracted from the customer's Generation Nameplate Capacity prior to determining the CRR Level.

2. Operational Flexibility in Operation of Generation: A customer with multiple generating units may commit to operate its facilities as a means of offsetting some or all of the loss of its Parallel Generation in a manner that reduces its Capacity Reservation requirement and consequently its CRR Level

3. Ability to Shed Load: A customer may commit to shed some portion of its total connected load to offset some or all of the loss of its Parallel Generation in a manner that reduces its Capacity Reservation requirement and consequently its CRR Level.

If PECO accepts the customer's designated Capacity Reservation and CRR Level then both amounts shall be set at the customer-designated level.

If PECO does not accept the customer's designated Capacity Reservation and or CRR Level then PECO may file a complaint with the PUC (to be referred to the Office of Mediation). Pending resolution of the complaint the Capacity Reservation and CRR Level shall be set at: as follows (subject to retrospective revision upon completion of the mediation/litigation):

- For customer designations based upon Parasitic Load, Operational Flexibility, or both, the Capacity Reservation and the CRR Level will be set at the customer-designated levels.

,

- For customer designations based in whole or part on Ability to Shed Load, the Capacity Reservation and CRR Level will be set at PECO-designated levels,

PROCEDURES TO CONFIRM MODE OF CUSTOMER GENERATION OPERATION
If a customer's CRR Level is set by negotiation based upon Parasitic Load or Operational Flexibility of Generation, or both, then:

- The customer shall inform PECO in writing if its generation operations differ materially from the mode of operations used to set the CRR Level;;
- The customer shall verify to PECO once each calendar year that its generator operations in the prior year did not differ materially from the mode of operations used to set the CRR Level; and
- PECO shall have the right to conduct an audit of customer operations to determine whether generator operations differed materially from the mode of operations used to set the CRR Level.

NOTICE OF OPERATION CONTRARY TO A NEGOTIATED CRR LEVEL AND RESET PROVISION.
If, in its determination, PECO believes that a customer has operated its distributed generation units in a manner contrary to the mode of operations used to set the CRR Level, PECO may issue a written violation notice to the customer.

A customer shall not be deemed to have operated its distributed generation units in a manner contrary to the mode of operation used to set its CRR Level if both of the following are true:

- The customer was required to alter its mode of operations in response to a directive from PECO or because of conditions existing on PECO's distribution system.
- The customer's actual demand does not exceed its Capacity Reservation at any time.

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PILOT CAPACITY RESERVATION RIDER (CRR) continued

PECO will rescind a violation notice if, within 30 calendar days of receiving the violation notice, a customer furnishes evidence showing that it operated its distributed generation units consistent with the mode of operations used to set the CRR during the period in question. If PECO is not satisfied that the information provided by the customer demonstrates that operated its distributed generation units consistent with the mode operations used to set the CRR Level, PECO may file a complaint with the Commission and the Commission's determination shall prevail on whether the notice of violation will be deemed to be confirmed. If a customer does not furnish such evidence within 30 calendar days of receiving the violation notice, the violation notice is confirmed.

If a customer receives two confirmed violation notices within a 24-month period; the customer's going-forward CRR for the next 12 months shall be set at levels based upon the actual operations that led to the violation notice. Thereafter, the CRR may be reset to a lower levels only upon the customer demonstrating that it has made material changes to its mode of operations to allow it to operate in the then-described manner.

PENALTY AND RESET FOR FAILURE TO SHED LOAD.
For customers with a Capacity Reservation CRR Level or both that were set in whole or part based upon Ability to Shed Load, the following penalty and reset provisions shall apply:

- Penalty: If the customer's generator goes offline and the customer does not shed load as agreed upon the customer will be assessed a "Failure to Shed Load" Penalty" calculated by determining the amount of load that the customer agreed to shed, but did not shed, and applying a penalty charge equal to 125% of the full demand charge in the prevailing rate to that amount of load on the first such occurrence, and 150% of the full demand charge in the prevailing rate to that amount of load for the second and subsequent occurrences, for the month in which the load shedding did not occur.

- Reset: The customer's going-forward Capacity Reservation and CRR Level for the next 12 months shall be set at a level based upon the actual operations that occurred during the failure to shed load. Alternatively, the customer can opt to pay PECO for the actual cost of the required upgrades to PECO's distribution facilities to allow the customer to use delivery service at the higher operating level during outages in accordance with PECO's line extension policy (Tariff Rule 7.2). Thereafter, these amounts may be reset to a lower level only upon the customer demonstrating that it has made material changes to its mode of operations to allow it to operate in the then-described manner.

TEMPORARY DISCONNECTION OF CUSTOMER SERVICE.
PECO shall have the right to temporarily disconnect the customer on an emergency basis if, in PECO's opinion, the customer's failure to shed load as agreed creates a risk to PECO's distribution system or service to other customers.

BINDING LEGAL DUTY.
A CRR customer whose CRR Level is set at negotiated level based in whole or part upon the customer's representation that it has an Ability to Shed Load will be deemed to have a binding legal duty to shed such load.

RATE AND BILLING.
Subject to the Minimum Charge Provisions below, the demand charges under the customer's underlying applicable Base Rate of GS, HT, PD, and EP apply to the billing demand determined under the CRR.

Customers will be billed monthly their CRR Level plus actual electric demand and usage except as follow below:

For customers who reserve capacity due only to Parallel Generation, if such customer's actual registered demand is greater than the customer's Uncovered Demand for a given month, then, for that month only, the CRR Level used to calculate the customer's bill will be reduced by an amount equal to such difference, but in no event will the CRR Level be less than zero.

For customers who reserve capacity for business growth or expansion, if the customer's actual registered demand in a given month includes any portion of the CRR Level contracted for expansion for that month, then, for that month only, the CRR Level used to calculate the customer's bill will be reduced by an amount equal to said portion, but in no event will the CRR Level be less than zero.

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PILOT CAPACITY RESERVATION RIDER (CRR) continued

MINIMUM CHARGE.

Subject to the Rate And Billing provisions above the monthly minimum charge under the customer's underlying applicable Base Rate of GS, HT, PD, and EP will be calculated based on the minimum demand determined in accordance with the CRR. .
The monthly minimum demand charge for a customer reserving capacity due only to Parallel Generation will be the greater of:

1. The demand as registered by the customer's meter;
2. An amount equal to the customer's CRR Level, plus 40% of the customer's Uncovered Demand or
3. Any designated contract minimum.

The monthly minimum demand for a customer reserving capacity due only to new business growth or expansion will be an amount equal to the customer's CRR Level, plus 40% of the customer's Uncovered Demand
.
The monthly minimum customer charge will be determined by applying the minimum demand to the applicable demand charge for the Customer's underlying applicable Base Rate.

TERM OF CONTRACT.

The term of a CRR contract shall be three years for all non-negotiated CRR applications. For negotiated CRR Levels, the contract term shall be negotiated. There is no right to automatic renewal of a CRR; upon the expiration of the contract term, the Company will review available capacity on its system and, if such capacity is available, the parties will enter into a new CRR contract using the procedures set forth above.

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CUSTOMER ASSISTANCE PROGRAM (CAP) RIDER

AVAILABILITY.
To payment-troubled customers who are currently served under or otherwise qualify for Rate R, or RH (excluding multiple dwelling unit buildings consisting of two to five dwelling units). Customers must apply for the rates contained in this rider and must demonstrate annual household gross income at or below 150% of the Federal Poverty guidelines. In addition, these customers will not be able to obtain Competitive Energy Supply.

Based on the applicable level of income, number of household members, and their historical usage CAP customers will receive a Fixed Credit Option ("FCO") based upon that individual household's need. The details of the FCO calculation can be found in the PECO Universal Service and Energy Conservation Plan at Docket No. M-2015-2507139.

DISCOUNT LEVELS: The Company will modify the level of discounts every quarter to adjust for changes in Customer usage as well as any Rate changes which may have occurred.

CERTIFICATION/VERIFICATION Prior to enrollment in the CAP Rider, and then again every two years, customers must verify, to PECO's satisfaction, that their household income level meets the "Availability" standards set forth in this Rider. Customers being considered for the CAP Rider will be required to:

- Provide information sufficient to demonstrate to PECO their household income level.
- Waive certain privacy rights to enable PECO to effectively conduct the above certification process.
- Participate in various energy education and conservation programs facilitated by PECO.

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PECO may, at its sole discretion, supplement this verification process by using data from Commonwealth or federal government programs which demonstrate the income eligibility of its customers. Such data may come from a customer's participation in, or receipt of benefits from, the Low Income Home Energy Assistance Program, Temporary Assistance for Needy Families, Food Stamps, Supplemental Security Income, and Medicaid. Information available from the Pennsylvania Department of Revenue may also be used where appropriate to expedite the process.

MINIMUM CHARGE. The minimum charge per month will be the $12 for Residential customers or $30 for Residential Heating customers.

ARREARAGE.
Customers who qualify and are enrolled in CAP will have their pre-program arrearage ("PPA") forgiven if the Customer pays his / her new, discounted CAP bill on time and in full each month. With every full and on-time monthly payment, one-twelfth of the PPA will be forgiven. If the customer develops any in-program arrearage while on the CAP Rate-- that is, if the customer does not pay the entire outstanding balance -- then preprogram arrearage forgiveness will not resume until the first month in which the full outstanding balance is paid.

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CASUALTY RIDER

AVAILABILITY/APPLICABILITY.
To service provided during a period when a customer is prevented for a length of time in excess of 48 hours from using all or a substantial part of the amount contracted for by reason of strike, riot, fire, storm, flood, drought, interference by civil or military authorities, or any other cause beyond the customer's control ("Period of Interruption").

NOTICE REQUIRED.
Written request shall be made to the Company for the application of this rider with advice as to the extent of the interruption, its date, cause and probable duration. Written requests must be submitted to the Company within 30 calendar days after the end of the Period of interruption.

RATE IMPACT.
During Periods of Interruption, PECO Energy will not apply guarantees of revenue (power factor adjustment, minimum billing demand, and contract minimum) as contained in the customer's Contract, but will apply the actual registered demand. If the customer receives Default Service, the terms of this rider shall not apply to the Energy Supply Charge.

BILLS PRORATED.
Bills supplied shall be prorated, based upon the actual level of operation during the Period of Interruption.

RETURN TO NORMAL USE.
The customer shall use reasonable diligence in resuming the use of service as provided in the Contract.

TERM OF CONTRACT.
The initial contract term shall be extended for a period equal to the Period of Interruption so that the Company shall secure a working term at full connected load equal to the term of the Contract.

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COMMERCIAL/INDUSTRIAL DIRECT LOAD CONTROL PROGRAM (DLC) RIDER

AVAILABILITY.
This rider is available to any small commercial or industrial retail customer with peak measured demands less than or equal to 100kW served under rates GS, PD, or HT that (a) is the owner of the premises at which service hereunder is to be provided; (b) is provided with electric service at such premises through a separate meter; (c) has a fully functional electric central air conditioning system(s) as the principal and dedicated source of air conditioning for such premises, the electric service for which is delivered by the Company through such separate meter and is (are) capable of accepting a programmable communicating thermostat(s) (PCT), as determined by the Company or its agent; (d) allows the Company to periodically control the PCT(s); and(e) is located at a premises where the Company's control signal can reach the connected unit.

For determining the initial eligibility of existing small commercial/industrial retail customers under this rider, the peak measured demand level will be calculated by a process similar to that as described in PECO's Default Service Program pursuant to Docket No. P-2008-2062739. For new customers, the peak measured demand level shall be based upon an engineering estimate of their diversified peak demand for a new facility or an existing facility with a substantially different use. A new customer in an existing facility shall be assigned the same peak measured demand level as the last customer in that facility.

Service hereunder is not restricted to commercial/industrial customers that obtain electric power and energy supply from the Company under Default Service.

Notwithstanding the previous provisions of this Availability section, the availability of this rider is limited by the ability of the Company and its agent to purchase and install the necessary controls needed to implement and administer the Commercial and Industrial Direct Load Control program (DLCP).

PROGRAM PROVISIONS.
The (DLCP) allows the Company to obtain temporary reductions in the electric power and energy demands on the electric delivery system located in its service territory through reductions in the commercial/industrial customers' electric power and energy usage requirements. The Company reserves the right to activate the DLCP for any reason, including (a) response to shortages of available capacity on the Company's distribution system; (b) response to shortages of available capacity on the transmission system located in the Company's service territory; (c) preservation of the availability of other load response resources; or (d) reduction of peak load. A commercial/industrial customer to which this rider is available that elects service hereunder is defined as a participant. An activation of the (DLCP) is defined as an event.

During an event, a participant in the (DLCP) allows the Company to remotely control the PCT(s). The Company is allowed to exercise such control without notice at any time. Control events will be limited to the period beginning June 1 and extending through September 30 of each year, except holidays.

EVENT PERFORMANCE:
During an event the Company is allowed to control the participant's PCT(s) for the total duration of the event.

A participant commences service hereunder on the date the Company inspects and approves the functionality of the participant's central air conditioning unit(s) and installs the programmable communicating thermostat(s).

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COMMERCIAL/INDUSTRIAL DIRECT LOAD CONTROL PROGRAM (DLC) RIDER (continued)

INSTALLATION.
The PCT(s) is (are) an enabling technology necessary to participate in the (DLCP). The PCT(s) will be installed by the Company at its' sole expense (not to exceed the scope necessary to remove the old thermostat(s), and install the new PCT(s)). The Company will warrant the PCT(s) and installation for a period of one year from the date of original installation. After such time, the customer is responsible for any maintenance of the device and battery replacement, when (if required) to ensure the unit continues to operate. The participant is responsible for maintaining a safe operating environment for such device(s).

TESTING & VERIFICATION.
The Company is allowed to inspect the PCT(s) at any time during normal business hours and without notice to insure such device(s) is (are) fully operational, and the participant grants the Company permission to enter upon its premises to conduct such inspections. If, in the course of such inspection, the Company determines that the participant interfered with the functionality of the device(s) in any way, (a) the participant is immediately removed from the (DLCP) and service hereunder is terminated, with such termination effective as of the date of the installation of such device(s) or of the most recent passing inspection, whichever is more recent; (b) all credits previously given to such participant since such effective termination date are immediately reimbursed by such participant to the Company; and (c) such participant is not eligible to take service hereunder or participate in the (DLCP) for a period of not less three (3) calendar years following such effective termination date.

For a situation in which the Company performs excessive maintenance or replacement of any remote control device(s) due to vandalism or other cause, the Company may remove the participant for which such device(s) is (are) provided from the (DLCP) and terminate service hereunder to such participant. In such situation, the Company may deny future participation in the (DLCP) to such participant.

COMPENSATION.
The Company provides a credit to the participant on each bill issued for the Summer Period (June through September for a total of 4 monthly credits), as defined in the Definitions part of the General Terms and Conditions of the Company's Schedule of Rates. The credit applied to such participant's bill corresponds with the Program option selected by such participant.

Programmable Communicating Thermostat Option: $10.00 per bill per installed device for the summer billing period

The participant shall begin receiving the bill credit on the next appropriate bill cycle following a complete enrollment in the program. The total annual credit shall not exceed $40.00 per PCT installed. Consistent with the terms in this tariff, incentives will be paid through October 31, 2020.

The credit provided in accordance with this rider is separately stated on the participant's bill.

MISCELLANEOUS GENERAL PROVISIONS.
The Company is not liable for any damage or injury, including any consequential damage, resulting from the intentional or unintentional interruption of the operation of the participant's central air conditioning unit.

Provisions contained in this rider do not serve to modify the Company's rights contained in the General Terms and Conditions of the Company's Schedule of Rates.

TERMS OF CONTRACT.
The initial term of participation within this program shall end on May 31, 2021, but extended participation is possible, but predicated on future regulatory directives as yet to be determined. As Company is providing the enabling technology device, PCT(s), for participation, there is an early termination provision (upon thirty days' written notice by either party). The Company reserves the right to modify the terms of this Rider at any time. Participants who have elected to terminate, can return to the program, but must wait 12 months before being permitted to do so.

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CONSTRUCTION RIDER

AVAILABILITY/APPLICABILITY.
To service provided during or immediately following a major construction or expansion period or during a receding load period, after the expiration of the initial contract term, while a business is in process of dissolution. A major construction or expansion period is defined as a construction or expansion project undertaken by the customer which upon completion will require an upward modification of the customer's contract limits.

RATE IMPACT.
During the expanding load period preceding the operation within the load limits provided in the contract or the receding load period subsequent to the fulfillment of the initial contract term, PECO Energy will not apply the following guarantees of revenue: power factor adjustment, minimum billing demand, and contract minimum. If the customer receives Default Service, the terms of this rider shall not apply to the Energy Supply Charge.

RIDER TERM.
The total term of application of this rider during the preliminary or construction period shall be 6 months subject to the option of the Company to grant not more than three successive renewals of the rider term on major construction projects. Its application during a receding load period subsequent to the completion of an initial contract term shall be for not more than one year.

TERM OF CONTRACT.
The initial contract term for service to expanding locations to which this rider is applied shall be extended for a period corresponding to the total number of months this rider is applied to the customer's bill during construction or expansion of the customer's facility.

OTHER RIDERS.
This rider, when applied to service to temporary installations to which the Temporary Service Rider is also applied, shall not operate as a waiver of the requirement that monthly minimum charges be paid for a period of not less than 6 months.

For customers taking service under PECO's Capacity Reservation Rider (CRR), the terms of the Construction Rider shall only apply to actual demand for load behind the meter that is not covered by the CRR Level, as defined within the terms and conditions of the CRR.

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ECONOMIC DEVELOPMENT RIDER

AVAILABILITY/APPLICABILITY. This rider is available to customers taking distribution service under Rate HT, PD, or GS. For new services, the customer must have a projected load of at least 350 kW and must apply for the rider prior to the service being energized. For existing services, the customer must have a peak load of at least 350 kW and apply for the rider before the load growth occurs. The Company will not begin to apply the rider until at least 30 days after the customer provides to the Company written notice of its desire to be placed on the rider. Customers can qualify for this rider through provisions of either I-A, I-B, IC; or II below. This Rider shall be available to customers regardless of whether the energy is purchased under default service rates or through an EGS.

I. **EMPLOYMENT & LOAD GROWTH**: designed to encourage growth in all sectors of the industrial and commercial group, customers can qualify by meeting the appropriate requirements below.

A. **QUALIFICATIONS**.

1. Manufacturing Customers
   a. The New Manufacturing Customer or existing manufacturing customer files with the Company, before the effective date of the rider for the Service Location, a Manufacturing Sales Tax Exemption Certificate, as defined below, for the Service Location. This condition is waived for Stevedoring Operations located within a Port Enterprise Development Area as defined in Title 12, Chapter 121 of the Pennsylvania Code.
   b. The existing manufacturing customer files with the Company copies of the Base Period Employment Reports as defined below, for the Service Location.
   c. For existing locations has already demonstrated a minimum 10 new jobs and a sustained increase in usage (minimum of 100 kW for at least 3 months) over the Base Period, as defined below. The Company reserves the right to request documentation to demonstrate that employment levels have been maintained over the course of eligibility for this rider.
2. Brownfield Redevelopment
   a. A new or existing customer who develops a site designated as a Brownfield Site (defined below) and demonstrates a minimum of 100 kW of new or incremental load.

B. **RATE REDUCTION.** The rate reduction will be applicable to the customer's base bill for the Qualifying Service Location before the application of the State Tax Adjustment, Federal Tax Adjustment Credit and Nuclear Decommissioning Cost Adjustment.
Any customer will not be eligible for the rate reduction in any month in which the customer has an unpaid balance which includes late payment charges.
   1. Monthly Eligibility – The Company reserves the right to require updated documentation in order for the customer to remain eligible for the rider.
   2. A credit equivalent to 15% of the customer's Variable Distribution Service Charge ("VDC"). For New Manufacturing locations or Brownfield Redevelopment the credit will apply to all kW of the VDC. For all existing customers the credit will apply to all incremental kW of the VDC.

II. **COMPETITIVE ALTERNATIVE:** any manufacturing or non-manufacturing customer with a viable competitive alternative to service from PECO may be eligible for benefits as outlined below.

A. **QUALIFICATIONS**.
   1. Provide documentation of a viable, currently available competitive alternative to service from PECO. The customer must provide a written description of the competitive alternative and any further information that the Company requires in order to document the cost and demonstrate the viability of the customer's competitive alternative, and
   2. Demonstrate a sustained increase in load (1MW minimum month over month for 3 months) as measured on PECO's meter, or a demonstrated retention of at least 1MW of load and,
   3. Demonstrate increasing employment of 10 jobs/MW as reported out on PA Form UC-2, or demonstrated retention of at least 10 jobs/MW of load retained for the same period as #2.

B. **RATE REDUCTION.** The rate reduction will be applicable to the customer's base bill for the Qualifying Service Location before the application of the State Tax Adjustment and Nuclear Decommissioning Cost Adjustment.
   1. Any customer will not be eligible for the rate reduction in any month in which the customer has an unpaid balance which includes late payment charges. The Company shall be the sole judge of any customer's eligibility for any rate negotiated rate reduction.
   2. Any qualifying existing or new customer may qualify for a negotiated decrease in VDC charges of up to 15% to meet the customer's documented competitive alternative. The rate reduction and payment terms for service may be negotiated and specified in the applicable service agreement. Unless the service agreement provides specific terms governing the billing of charges, Section 17. Billing and Standard Payment Options of the Rules and Regulations of the Tariff shall apply. The Company reserves the right to require updated documentation in order for the customer to remain eligible for the rider.

ECONOMIC DEVELOPMENT RIDER (continued)

DEFINITIONS.

1. Service Location. A single or contiguous premises having one or more delivery points for distribution service billed by the Company under a single account

2. New Manufacturing Customer. The Company has not previously provided service to the Service Location, or the service previously provided by the Company to the Service Location was not used for substantially the same type of operation or was terminated at least twelve (12) months before the customer's contractually specified effective date for service under this rider. This condition is waived for existing service locations where an entity has assumed operation of a service location from a customer which has ceased operations as a result of dissolution, so long as the formation of the entity did not occur as a result of merger, joint venture, acquisition and/or any other variation of combined business structures with the former customer at the service location. In any event, the completed application for the rider must be made within 6 months from the later of the date: (1) the customer first received service from the Company; or (2) the date the customer received its sales tax exemption certificate from the Commonwealth of Pennsylvania

3. Manufacturing Sales Tax Exemption Certificate. Pennsylvania Sales Tax Blanket Exemption Certificate filed by the customer with the Company showing the address of the Service Location and certifying that more than fifty (50) percent (on an annual basis) of the service purchased by the customer for the Service Location is exempt from sales tax because it is used in manufacturing operations, shipbuilding operations, or ship cleaning operations.

4. Employment Report. The "Employer's Report for Unemployment Compensation" (PA Form UC-2) as filed by the customer with the Office of Employment Security, Department of Labor and Industry, Commonwealth of Pennsylvania.

5. Base Period. The twelve (12) month period immediately preceding the billing month in which the customer provides the Company written notice of its desire to be placed on the rider. If the customer does not then qualify for the rider within 60 days of the written notice, then the base period will be the twelve month period immediately preceding the billing period for which this rider is first applied to the customer's bills.

6. Base Period Employment Reports. The Employment Reports for all quarterly reporting periods, as defined by 43 P.S. 753 [d], in the Base Period

7. Base Period Employees. The arithmetic mean of the number of employees each month as reported on the applicable Base Period Employment Report. An adjustment will be made to normalize Base Period Employees in quarters during which either the Casualty or Construction Rider was in effect for the Service Location.

8. Base Period Energy. The number of kilowatt-hours used by the customer for service to the Qualifying Service Location during each month of the Base Period. An adjustment will be made to normalize usage in months during which the Construction or Casualty rider was in effect.

9. Current Employment Report. The Employment Report covering the calendar month immediately following the Base Period as defined by 43 P.S. 753 [d]. The customer may submit an updated Employment Report at any time to reflect increases in Current Period Employees replacing and superseding the original report. The Company reserves the right to request an updated Employment Report at any time which may reflect increases or decreases in Current Period Employees replacing and superseding the original report.

10. Current Period Employees. The arithmetic mean of the number of employees each month as reported on the Current Employment Report.

11. Brownfield Site. Refers to real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Requires documentation either by providing a copy of the pertinent sections of the ASTM E1903-97 Phase II Site Assessment documenting the site contamination or by providing a letter from a local, state or federal regulatory agency confirming the site is classified as a Brownfield by that agency.

TERM OF CONTRACT. This rider shall be in effect for either a period of five years provided that the customer maintains qualification for the duration of that time.

RENEWAL. A customer may renew the rider at any time in accordance with the terms and provisions of the rider as it applies to Qualifying Existing Service Locations. For renewal customers, the Base Period Energy for any month of the new Base Period shall not be less than the Base Period Energy of the corresponding month of the customer's previous Base Period. The Term of Contract for the renewal shall begin on the date on which the renewal of the rider is first applied based on the new Base Period.

TRANSFER OF OWNERSHIP. The Company will only apply the rider to the customer's bills for the term of contract. If, during the term of contract, the ownership of the service location changes, the Company may continue to apply the rider to the new owner's bills for the Service Location. If the Company continues to apply the rider in such circumstances, the Company shall apply the rider to the new owner's bills for the Service Location as if the new owner had been on the rider for the Service Location for the same period of time as was the previous owner.

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ELECTRIC VEHICLE DCFC PILOT RIDER (EV-FC)

AVAILABILITY/APPLICABILITY.
Applicable to a service that includes at least one permanently connected and publicly available (workplace fleet and public transit) Public Direct Current Fast Charger ("DCFC") served under Rate GS, PD, or HT installed on or after July 1st, 2019. The Company may apply this rider to either a stand-alone metered DCFC or to a DCFC served as part of an existing service.

The pilot will begin on July 1, 2019 and continue for five years, expiring on June 30, 2024.

The owner of the DCFC shall be responsible for all applicable Tariff rates, fees and charges. The Electric Vehicle owner using the DCFC shall be responsible for all fees imposed by the owner of the station for charging the electric vehicle.

The DCFC is exempt from resale provisions as outlined in Tariff Rule 13.1 and in accordance with the Commission's Policy Statement at Docket No. M-2017-2604382.

DEFINITIONS.
Electric Vehicle (EV) – Any vehicle licensed to operate on public roadways that is propelled in whole or in part by electrical energy stored on-board for the purpose of propulsion. Types of electric vehicles include, but are not limited to, plug-in hybrid electric vehicles and battery electric vehicles.

Electric Vehicle Supply Equipment (EVSE) – A device which permits the transfer of electric energy (by conductive or inductive means) to a battery or other energy storage device in an EV.

Public Direct Current Fast Charger (DCFC) – A high powered, publicly available (including workplace fleet and public transit) EVSE solely dedicated to recharging an EV's battery via the use of direct current, inductive charging, or other EV charging technology with equivalent capabilities. To be considered publicly available, the DCFC must be located along a public roadway corridor, at a public charging location, at a multi-dwelling unit (MDU) residential building at a public transit charging location, or at a workplace for fleet or customer charging.

INSTALLATION AND ENROLLMENT.
The Company shall provide service based on the DCFC's nameplate capacity rating when the Company has available distribution facilities with sufficient capacity, and if the provision of service will not in any way interfere with service to other customers.

Electric Vehicle charging stations shall be constructed in accordance with the Company's service installation policies contained in its Electric Service Requirements Manual ("Blue Book"), a copy of which may be found at www.peco.com. The customer, who may be either the owner or the host of a third-party owned DCFC, shall notify the Company at least one hundred twenty (120) days in advance of the planned installation date and may be required to install metering for the station as determined by the Company.

The station must be designed to protect for back flow of electricity to the Company's electrical distribution circuit. The owner of the DCFC is responsible for maintaining a safe operating environment for the device(s). The Company shall not be liable for any damage or injury, including any consequential damage, resulting from the operation of the DCFC.

The Customer may be responsible to submit an application and documentation of the completed DCFC installation to the Company in order to become eligible for the rider.

TRANSFER OF OWNERSHIP
If, during the term of contract, the ownership of the service location changes, the Company may continue to apply the rider to the new owner's bills for the Service Location. If the Company continues to apply the rider in such circumstances, the Company shall apply the rider to the new owner's bills for the Service Location as if the new owner had been on the rider for the Service Location for the same period of time as was the previous owner.

MISCELLANEOUS GENERAL PROVISIONS.
If the owner requests that service to the DCFC be permanently disconnected, the Company reserves the right to charge that owner for the removal of any required facilities and equipment previously required to furnish service to the DCFC. Such payment by the owner shall not confer upon, nor entitle the customer to any title to, or right of property in, said facilities and equipment.

Pilot participants will be required to provide data for all DCFCs connected to the PECO system and not separately metered in order to allow PECO to investigate the development of future DCFC rates. This data will include, for each DCFC: the number installed, the number of charging ports, the nameplate capacity (in kW), hourly and monthly usage (kWh), and the hourly and monthly demand (kW).

RATE IMPACT.
All terms and guarantees of the applicable Base Rate are applicable. The Company shall calculate and apply a fixed demand (kW) credit, initially equal to 50% of the combined maximum nameplate capacity rating for all DCFCs connected to the service, to the customer's billed distribution demand. At no time will the billing demand be less than the minimum demand applicable under the provisions of the applicable Base Rate. The Company reserves the right to reduce the demand credit based on a comparison of the customer's peak demands before and after installation of the DCFC.

If the customer receives Default PLR Service, the terms of this rider shall not also apply to the Energy Supply Charge.

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ELECTRIC VEHICLE DCFC PILOT RIDER (EV-FC) (continued)

OTHER RIDERS.
This rider, when applied to service to temporary installations to which the Temporary Service Rider is also applied, shall not operate as a waiver of the requirement that monthly minimum charges be paid for a period of not less than 6 months.

TERM OF CONTRACT.
The Company shall provide this credit for no more than 36 months from the date of enrollment or until the conclusion date of the pilot, whichever comes first. There is no right to automatic renewal. Extended participation may be possible and could be predicated on future regulatory directives as yet to be determined.

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EMERGENCY ENERGY CONSERVATION RIDER

AVAILABILITY/APPLICABILITY.
This rider is applicable in conjunction with Tariff Rule 12.3 relating to mandatory emergency energy conservation. It provides for modifications to the charges and practices otherwise applicable to certain customers as a result of compliance with or non-compliance with energy conservation curtailment levels as mandated by the appropriate governmental authority under emergency energy conservation conditions resulting from actual or potential shortage of fuel for electric generation. This rider is applicable to individual electric customer accounts served under Rates EP and HT, with a billing demand of 2,000 kilowatts or higher, in a recent twelve-month period prior to the emergency conservation condition. Customers designated by the procedures of Tariff Rule 12.3 and by the Pennsylvania Public Utility Commission, will be exempt from the provisions of this rider.

BASE PERIOD ENERGY USE.
The base energy use for a weekly period shall be determined by the Company for each applicable customer account based upon a consideration of the customer's actual past or current electric consumption and the customer's existing operations.

MANDATORY CURTAILMENT ENERGY USE LEVEL TARGET.
The mandatory curtailment energy use level target for each applicable customer shall be that percentage of base period energy use ordered pursuant to the emergency energy conservation procedures provided by Tariff Rule 12.3 or other percentage as a result of the order of appropriate governmental authority.

COMPLIANCE.
When the energy consumption in any weekly period during the period of mandatory curtailment exceeds the mandatory curtailment energy use level target, the customer will be deemed to be in non-compliance. Customers deemed to be in non-compliance will not receive the billing modifications as set forth in this rider. In the event of continued non-compliance, the Company, upon notice to the Commission, may discontinue service.

BILLING FOR CUSTOMERS IN COMPLIANCE.
During the period of emergency energy conservation condition, billing will be based on special meter readings made to identify the demand established and energy using during the current energy use period. Customers in compliance with conservation orders will be excused from minimum bills and historical or contract demand or ratchet provisions and will be billed instead on the basis of current consumption and demand whenever the normal calculation method would produce a greater bill. If the customer receives Default Service, the terms of this rider shall not apply to the Energy Supply Charge.

These customers will be individually notified of this special billing provision before the implementation of the emergency energy conservation procedure.

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INVESTMENT RETURN GUARANTEE RIDER

AVAILABILITY/APPLICABILITY.
To contracts which require investment in supply facilities greater than warranted by the incremental revenue recovered through the Company's tariffed Variable Distribution Service Charges of the Base Rate under which PECO Energy provides service.

COST OF EXTENSION.
The cost of the extension of supply facilities, including the cost of the service connection, shall be set forth in each agreement for the application of this rider.

MINIMUM GUARANTEE.
The minimum monthly payment shall be the amount set forth in the rider agreement or, in the event of later increases of the customer's load, the minimum of the rate at which service is rendered, whichever minimum obligation is the greater.

CONSTRUCTION ADVANCES.
Where the service desired is of a special character or doubtful permanency, the Company will require payment of a sum equal to the cost of the extension as an advance for construction. A credit of 20% of the net amount of the customer's revenue recovered through the Company's tariffed Variable Distribution Service Charges will be allowed by the Company up to an aggregate refund of 100% of such sum, with the right to retain such portion of the advance as needed to guarantee the payment of subsequent bills.

FULFILLMENT OF CONTRACT TERM.
In the event of the discontinuance for any reason of the distribution of energy before the expiration of the term of the contract with which this rider is applied, the customer shall pay the Company immediately thereon a pro rata share of the cost of the extension for the unexpired portion of the contract term.

OWNERSHIP OF DISTRIBUTION SUPPLY FACILITIES.
The provisions of this rider shall not under any circumstances be considered as conferring upon the customer any title to, or right of property in, the distribution supply facilities.

CONTRACT TERM.
Contract terms in excess of one year may be arranged with the customer to assure the return required by the investment in distribution supply facilities.

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NIGHT SERVICE GS RIDER

(The number of customers served under this rider may be limited by the availability of the required demand meters.)

AVAILABILITY/APPLICABILITY.
To distribution service provided during Off-Peak Hours for demands in excess of those supplied during On-Peak Hours. The demand specified for Off-Peak Hours may be limited to an amount determined by the Company which shall be dependent upon the capacity of the generation, transmission and distribution facilities available for such supply.

DEFINITION OF PEAK HOURS.
On-Peak Hours are defined as the hours between 8:00 am and 8:00 pm, Eastern Standard Time or Daylight Savings Time, whichever is in common use, daily except Saturdays, Sundays and holidays; except that the On-Peak

Hours will end at 4:00 pm on Fridays. Off-Peak Hours are defined as the hours other than those specified as On-Peak Hours.

RATE IMPACT.
Rate GS (with demand measurement), including all terms and guarantees, is applicable during On-Peak Hours. If the customer receives Default PLR Service, the terms of this rider shall not also apply to the Energy Supply Charge.

MONTHLY RATE TABLE.
Night Service billing and metering charge: $19.06

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Charge per kW of Off-Peak billing demand per month: $3.41

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STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), AND FEDERAL TAX ADJUSTMENT CREDIT APPLIES TO THIS RIDER.

DETERMINATION OF OFF-PEAK BILLING DEMAND.
The Off-Peak billing demand shall be the amount by which the greatest demand during Off-Peak Hours, as determined by measurement, exceeds the billing demand for On-Peak Hours, whether the latter is a minimum or an actual demand. The measured power factor used for power factor adjustment in accordance with Rule 15.3 shall be the power factor coincident with the customer's maximum measured demand during On-Peak hours.

OTHER RIDERS.
This rider will not be applied in conjunction with the Temporary Service Rider.

TERM OF CONTRACT.
The initial contract term shall be for at least one year.

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NIGHT SERVICE HT RIDER

AVAILABILITY/APPLICABILITY.
To distribution service provided during Off-Peak Hours for demands in excess of those supplied during On-Peak Hours. The demand specified for Off-Peak Hours shall be limited to an amount determined by the Company which shall be dependent upon the capacity of the generation, transmission and distribution facilities available for such supply.

DEFINITION OF PEAK HOURS.
On-Peak Hours are defined as the hours between 8:00 am and 8:00 pm, Eastern Standard Time or Daylight Savings Time, whichever is in common use, daily except Saturdays, Sundays and holidays; except that the On-Peak

Hours will end at 4:00 pm on Fridays. Off-Peak Hours are defined as the hours other than those specified as On-Peak Hours.

RATE IMPACT.
Rates HT or EP, including all terms and guarantees, are applicable during On-Peak Hours. If the customer receives Default PLR Service, the terms of this rider shall not apply to the Energy Supply Charge.

MONTHLY RATE TABLE.

Night Service billing and metering charge: $11.39
Charge per kW of Off-Peak billing demand:
$2.78 per month for Rate HT.
$2.17 per month for Rate EP.

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STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), AND FEDERAL TAX ADJUSTMENT CREDIT APPLIES TO THIS RIDER.

DETERMINATION OF OFF-PEAK BILLING DEMAND.
The Off-Peak billing demand shall be the amount by which the greatest demand during Off-Peak Hours, as determined by measurement, exceeds the billing demand for On-Peak Hours, whether the latter is a minimum or an actual demand. The measured power factor used for power factor adjustment in accordance with Rule 15.3 shall be the power factor coincident with the customer's maximum measured demand during On-Peak hours.

OTHER RIDERS.
This rider will not be applied in conjunction with the Temporary Service Rider.

TERM OF CONTRACT.
The initial contract term shall be for at least one year.

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NIGHT SERVICE PD RIDER

AVAILABILITY/APPLICABILITY.
To distribution service provided during Off-Peak Hours for demands in excess of those supplied during On-Peak Hours. The demand specified for Off-Peak Hours shall be limited to an amount determined by the Company which shall be dependent upon the capacity of the generation, trademark and distribution facilities available for such supply.

DEFINITION OF PEAK HOURS.
On-Peak Hours are defined as the hours between 8:00 am and 8:00 pm, Eastern Standard Time or Daylight Savings Time, whichever is in common use, daily except Saturdays, Sundays and holidays; except that the On-Peak Hours will end at 4:00 pm on Fridays. Off-Peak Hours are defined as the hours other than those specified as On-Peak Hours.

RATE IMPACT.
Rate PD, including all terms and guarantees, is applicable during On-Peak Hours. If the customer receives Default PLR Service, the terms of this rider shall not also apply to the Energy Supply Charge.

MONTHLY RATE TABLE.

Night Service billing and metering charge: $11.39
Charge per kW of Off-Peak billing demand per month: $3.46

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STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), AND FEDERAL TAX ADJUSTMENT CREDIT APPLIES TO THIS RIDER.

DETERMINATION OF OFF-PEAK BILLING DEMAND.
The Off-Peak billing demand shall be the amount by which the greatest demand during Off-Peak Hours, as determined by measurement, exceeds the billing demand for On-Peak Hours, whether the latter is a minimum or an actual demand, except that, when said greatest demand during Off-Peak Hours exceeds the demand specified for Off-Peak Hours, said greatest Off-Peak demand shall be reduced by the amount of the excess in determining the Off-Peak billing demand. The measured power factor used for power factor adjustment in accordance with Rule 15.3 shall be the power factor coincident with the customer's maximum measured demand during On-Peak hours.

OTHER RIDERS.
This rider will not be applied in conjunction with the Temporary Service Rider.

TERM OF CONTRACT.
The initial contract term shall be for at least one year.

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RECEIVERSHIP RIDER

AVAILABILITY/APPLICABILITY.
To service provided to a Receiver-Trustee for the continued operation of a property formerly under contract for its electric service requirements.

AUTHORITY FOR OPERATION.
The Receiver-Trustee shall possess the authority under appointment by Court, through an order duly entered, to operate premises recited in a contract for electric service under which the Company has been providing service.

ACCEPTANCE.
The Receiver-Trustee shall accept and adopt for the continuation of service the contract theretofore in effect, including all of its provisions, and agree to pay the Company for all charges levied during the receivership-trusteeship at the rate specified therein.

BILLING.
The Company reserves the right to render bills on a biweekly basis. To provide for biweekly billing under this rider, the provisions of the applicable rate and rider, if any, will be modified as follows:

(a) Where applicable, all references to monthly or month will be changed to biweekly or biweek.
(b) Where applicable, capacity charges will first be determined from the pricing in the monthly rate table and such sum will then be multiplied by 14/30ths (0.4667) to determine the capacity charges for the billing period.
(c) The energy charges will be determined by using the prices in the monthly rate table; however, the limit of the kilowatt-hours to be billed in each price block will be determined by multiplying the hours' use of billing demand for each price block or the kilowatt-hour limits of a given price block by 0.4667.
(d) The high voltage discount applicable to Rate HT will be determined by using the pricing in the monthly rate table and such sum will then be multiplied by 0.4667 to determine the discount for the billing period.
(e) The minimum charge will be determined on a monthly basis and such sum will then be multiplied by 0.4667 to determine the minimum charge for the billing period.
(f) A discount of 0.4% will be applied to the total bill.
(g) A bill will be rendered biweekly covering the charges for the preceding billing period and such bill shall be paid within fifteen (15) days after receipt thereof.

If the customer receives Default Service, the terms of this rider shall also apply to the Energy Supply Charge.

TERM OF CONTRACT.
The completion of the term of the contract taken over, or as terminated by the discharge of the Receiver-Trustee, or as arranged with the Receiver-Trustee for the continuation of service under the standard terms of this Tariff.

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RESIDENTIAL DIRECT LOAD CONTROL PROGRAM (DLC) RIDER

AVAILABILITY.

Central Air Conditioning Cycling Control Option:

This rider is available to any residential retail customer under rates R, RH, RS-2, and CAP that (a) is the owner of the premises at which service hereunder is to be provided (or can provide an authorization form from the owner); (b) is provided with electric service at such premises through a separate meter; (c) has a fully functional electric central air conditioning system (AC) as the principal and dedicated source of air conditioning for such premises, the electric service for which is delivered by the Company through such separate meter and is (are) capable of accepting a Company control device(s), as determined by the Company or its agent; (d) allows the Company to periodically cycle such AC compressor(s); and (e) is located at a premises where the Company's control signal can reach a control unit mounted near such connected unit.

Electric Water Heater Control Option:

This rider is available to any residential retail customer under rates R, RH, RS-2, and CAP that (a) is the owner of the premises at which service hereunder is to be provided (or can provide an authorization form from the owner); (b) is provided with electric service at such premises through a separate meter; (c) has a fully functional electric water heater, the electric service for which is delivered by the Company through such separate meter and is (are) capable of accepting a Company control device(s), as determined by the Company or its agent; (d) allows the Company to periodically control such electric water heater(s); and (e) is located at a premises where the Company's control signal can reach a control unit mounted near such connected unit.

Service hereunder is not restricted to residential retail customers that obtain full requirements electric supply from the Company under Default Service.

Notwithstanding the previous provisions of this Availability section, the availability of this rider is limited by the ability of the Company and its agent to purchase and install the necessary controls needed to implement and administer the Residential Direct Load Control Program (DLCP).

PROGRAM PROVISIONS.

The DLCP allows the Company to obtain temporary reductions in the electric power and energy demands on the electric delivery system located in its service territory through reductions in residential retail customers' electric power and energy usage requirements. The Company reserves the right to activate the DLCP for any reason, including (a) response to shortages of available capacity on the Company's distribution system; (b) response to shortages of available capacity on the transmission system located in the Company's service territory; (c) preservation of the availability of other load response resources or (d) reduction of peak load. A residential retail customer to which this rider is available that elects service hereunder is defined as a participant. An activation of the DLCP is defined as an event.

During an event, a participant in the DLCP allows the Company to remotely control the duty cycle of such participant's AC compressor(s) and/or control such participant's electric water heater(s). The Company is allowed to exercise such control without notice at any time. Control events will be limited to the period beginning June 1 and extending through September 30 of each year, except holidays.

EVENT PERFORMANCE:

During an event, the Company is allowed to cycle the participant's AC compressor(s) for the full duration of the event, with such cycling performed so that the AC compressor(s) alternates every fifteen (15) minutes between being available for cooling and not being available for cooling.

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Effective January 1, 2019
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RESIDENTIAL DIRECT LOAD CONTROL PROGRAM (RDLC) RIDER (continued)

During an event under the electric water heater control option, the Company is allowed to control the participant's electric water heater for the full duration of the event.

A participant commences service hereunder on the date the Company inspects and approves the functionality of the participant's AC compressor(s) and/or electric water heater and installs the remote control device(s).

INSTALLATION.
The Company or its agent installs the remote control device(s) used to cycle the AC compressor(s) and/or electric water heater(s), and the Company owns, operates, and maintains such device(s). The participant is responsible for maintaining a safe operating environment for such device(s). For a situation in which the participant replaces its AC compressor(s) and/or water heaters, the participant is responsible for providing the Company with adequate notice so that the Company has time to schedule the removal of such device(s) from the AC compressor(s) and/or water heater(s) being removed and the installation of such device(s) on the replacement AC compressor(s) and/or electric water heater(s).

TESTING & VERIFICATION.
The Company is allowed to inspect the remote control device(s) at any time and without notice to insure such device(s) is (are) fully operational, and the participant grants the Company permission to enter upon its premises to conduct such inspections. If, in the course of such inspection, the Company determines that the participant interfered with the functionality of the device(s) in any way, (a) the participant is immediately removed from the (DLCP) and service hereunder is terminated, with such termination effective as of the date of the installation of such device(s) or of the most recent passing inspection, whichever is more recent; (b) all credits previously given to such participant since such effective termination date are immediately reimbursed by such participant to the Company; and (c) such participant is not eligible to take service hereunder or participate in the (DLCP) for a period of not less three (3) calendar years following such effective termination date.

For a situation in which the Company performs excessive maintenance or replacement of any remote control device(s) due to vandalism or other cause, the Company may remove the participant for which such device(s) is (are) provided from the (DLCP) and terminate service hereunder to such participant. In such situation, the Company may deny future participation in the (DLCP) to such participant.

COMPENSATION.
The Company provides a credit to the participant on each bill issued for the Summer Period (June 1 through September 30) for a total of 4 monthly credits. The credit applied to such participant's bill corresponds with the Program option selected by such participant.

Central AC Compressor Cycling Credit: $10.00 per bill per installed device for the summer billing period

Electric Water Heater Control Credit: $10.00 per bill per installed device for the summer billing period

The participant shall begin receiving the bill credit on the next appropriate bill cycle following a complete enrollment in the program. The participant shall receive the applicable bill credit for each device installed. The total annual credit shall not exceed (a) $40.00 per device installed on an AC compressor, and (b) $40.00 per device installed on an electric water heater. Consistent with the terms in this tariff, incentives will be paid through October 31, 2020.

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RESIDENTIAL DIRECT LOAD CONTROL PROGRAM (DLC) RIDER (continued)

The credit provided in accordance with this rider is separately stated on the participant's bill.

MISCELLANEOUS GENERAL PROVISIONS.
The Company or its agent will certify a participant's equipment prior to installation of a load control device. Any equipment determined to not meet the certification standards will be ineligible to participate in the DLCP. Eligible equipment includes fully functional central air conditioning systems and electric water heaters in good condition that are compatible with the load control technology used for the program. Window air conditioning units are not eligible for participation

The Company is not liable for any damage or injury, including any consequential damage, resulting from the intentional or unintentional interruption of the operation of the participant's AC compressor(s) and/or water heater(s). Only CAC units are eligible for program participation. Window mounted air conditioners do not qualify.

Provisions contained in this rider do not serve to modify the Company's rights contained in the General Terms and Conditions of the Company's Schedule of Rates.

TERMS OF CONTRACT.
The initial term of participation within this program shall end on May 31, 2021, but extended participation is possible, but predicated on future regulatory directives as yet to be determined. The Company reserves the right to modify the terms of this Rider at any time. Participants who have elected to terminate, can return to the program, but must wait 12 months before being permitted to do so.

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TEMPORARY SERVICE RIDER

APPLICABILITY.
To the provision of service, including builders construction service, when the Company must install temporary facilities that will be used for a limited period or for a service that is of doubtful permanency.

AVAILABILITY.
Temporary service will be provided only when the Company has available distribution facilities with sufficient capacity, and if the provision of service will not in any way interfere with service to other customers.

INVESTMENT IN DISTRIBUTION FACILITIES.
The cost of the extension and removal of facilities required to furnish the temporary service under the applicable rate shall be paid by the customer, but such payment shall not confer upon, nor entitle the customer to any title to, or right of property in, said facilities and equipment.

MINIMUM TERM.
Application of this rider to Rates R, R-H and GS shall not, for billing purposes, be considered to be for a period of less than one month.

Application of this rider to Rates PD and HT shall require payment of the minimum provisions of the contract for each month of the temporary service period, but in no case shall such period be considered, with respect to the guarantee of the monthly minimum charges, as of less duration than 6 months.

RATE IMPACT.
Billing shall be under the provisions of the applicable base rate and riders.

TERM OF CONTRACT.
Short term arrangements as agreed upon.

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Comparison of Residential Customer Charges for Major Pennsylvania Electric Distribution Utilities

Company	**Current Base Residential Customer Charge**
Duquesne	$ 12.50
MetEd	$ 11.25
Pennelec	$ 11.25
Penn Power	$ 11.00
PPL	$ 14.09
West Penn	$ 7.44
PECO Current	**$ 9.99**
PECO Proposed	**$ 13.49**

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - Residential (R)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charges**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Base Rate	15,959,674	$ 9.99	$ 159,437,142	$ 13.49	$ 215,296,001
3	Second Meter	783,600	$ 1.94	$ 1,520,184	$ 2.62	$ 2,052,781
4						
5	**Total Customer Charge Revenue**			$ 160,957,326		$ 217,348,782
6						
7	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
8	Base Rate	10,847,125,695	$ 0.06189	$ 671,328,609	$ 0.07099	$ 770,085,076
9						
10	CAP Discount - Non-Distribution			$ (38,091,701)		$ (38,091,701)
11	CAP Discount - Distribution			$ (33,779,433)		$ (40,076,318)
12						
13	Distribution System Improvement Charge (DSIC)			$ 19,508,356		$ -
14						
15	**Total Variable Distribution Revenue**			$ 618,965,831		$ 691,917,057
16						
17	Regulatory Initiatives			$ 904,608		$ 904,608
18	Load Reduction			$ (5,516,980)		$ (6,431,917)
19	Annualization			$ 2,819,905		$ 3,287,559
20						
21	**Adjusted Total Distribution Revenue**			$ 778,130,690		$ 907,026,088

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - Residential Heating (RH)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charges**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Base Rate	2,362,700	$ 9.99	$ 23,603,371	$ 13.49	$ 31,872,821
3						
4	**Total Customer Charge Revenue**			$ 23,603,371		$ 31,872,821
5						
6	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
7	Base Rate, June-September	665,780,581	$ 0.06189	$ 41,205,160	$ 0.07099	$ 47,266,686
8	Base Rate, October-May	2,089,232,390	$ 0.04512	$ 94,266,165	$ 0.05235	$ 109,381,177
9						
10	CAP Discount - Non-Distribution			$ (4,769,166)		$ (4,769,166)
11	CAP Discount - Distribution			$ (4,229,260)		$ (5,012,130)
12						
13	Distribution System Improvement Charge (DSIC)			$ 3,890,232		$ -
14						
15	**Total Variable Distribution Charge Revenue**			$ 130,363,132		$ 146,866,568
16						
17	Regulatory Initiatives			$ 180,922		$ 180,922
18	Load Reduction			$ (1,205,810)		$ (1,399,823)
19	Annualization			$ 1,100,306		$ 1,277,343
20						
21	**Adjusted Total Distribution Revenue**			$ 154,041,920		$ 178,797,830

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - General Service (GS)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charges**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Single-Phase- No Demand	371,744	$ 14.49	$ 5,386,567	$ 18.99	$ 7,059,413
3	Single-Phase- With Demand	1,094,159	$ 18.47	$ 20,209,112	$ 24.21	$ 26,485,234
4	Poly-Phase- With Demand	403,871	$ 44.21	$ 17,855,141	$ 57.94	$ 23,400,216
5	GS Night Service Rider	34,963	$ 14.54	$ 508,355	$ 19.06	$ 666,230
6						
7	**Total Customer Charge Revenue**			$ 43,959,175		$ 57,611,093
8						
9	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
10	Base Rate	7,861,859,878	$ (0.0006)	$ (4,717,116)	$ (0.0006)	$ (4,717,116)
11						
12	Intercompany	29,976,712	$ 0.0317	$ 949,860	$ 0.0392	$ 1,174,401
13						
14	**Total kWh-Based Variable Distribution Revenue**			$ (3,767,256)		$ (3,542,715)
15						
16	**kW-Based Variable Distribution Charges**	**kW**	**Rate**	**Revenue**	**Rate**	**Revenue**
17	Base Rate	26,051,707	$ 7.63	$ 198,774,522	$ 9.43	$ 245,763,555
18	GS Night Service Rider	125,805	$ 2.76	$ 347,223	$ 3.41	$ 429,304
19						
20	**Total kW-Based Variable Distribution Revenue**			$ 199,121,744		$ 246,192,859
21						
22	Distribution System Improvement Charge (DSIC)			$ 6,581,337		$ -
23						
24	**Total Variable Distribution Charge Revenue**			$ 201,935,825		$ 242,650,144
25						
26	Regulatory Initiatives			$ 5,966		$ 5,966
27	Load Reduction			$ (3,890,447)		$ (4,750,607)
28	Annualization			$ 868,945		$ 1,061,065
29						
30	**Adjusted Total Distribution Revenue**			$ 242,879,465		$ 296,577,661

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - Primary Distribution (PD)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charges**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Base Rate	4,896	$ 295.94	$ 1,448,922	$ 295.94	$ 1,448,922
3	PD Night Service Rider	1,524	$ 11.39	$ 17,358	$ 11.39	$ 17,358
4						
5	**Total Customer Charge Revenue**			$ 1,466,281		$ 1,466,281
6						
7	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
8	Base Rate	338,978,492	$ (0.0006)	$ (203,387)	$ (0.0006)	$ (203,387)
9						
10	**Total kWh-Based Variable Distribution Revenue**			$ (203,387)		$ (203,387)
11						
12	**kW-Based Variable Distribution Charges**	**kW**	**Rate**	**Revenue**	**Rate**	**Revenue**
13	Base Rate	861,106	$ 7.26	$ 6,251,629	$ 9.43	$ 8,120,902
14	PD Night Service Rider	3,318	$ 2.66	$ 8,826	$ 3.46	$ 11,465
15						
16	**Total kW-Based Variable Distribution Revenue**			$ 6,260,455		$ 8,132,367
17						
18	Distribution System Improvement Charge (DSIC)			$ 228,112		$ -
19						
20	**Total Variable Distribution Charge Revenue**			$ 6,285,180		$ 7,928,980
21						
22	Regulatory Initiatives			$ 111		$ 111
23	Load Reduction			$ (60,030)		$ (72,761)
24	Annualization			$ 2,680		$ 3,248
25						
26	**Adjusted Total Distribution Revenue**			$ 7,694,222		$ 9,325,860

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - High Tension (HT)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charges**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Base Rate	32,273	$ 353.84	$ 11,419,478	$ 353.84	$ 11,419,478
3	HT Night Service Rider	12,912	$ 11.39	$ 147,068	$ 11.39	$ 147,068
4						
5	**Total Customer Charge Revenue**			$ 11,566,546		$ 11,566,546
6						
7	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
8	Base Rate	14,308,308,026	$ (0.0006)	$ (8,584,985)	$ (0.0006)	$ (8,584,985)
9						
10	**Total kWh-Based Variable Distribution Revenue**			$ (8,584,985)		$ (8,584,985)
11						
12	**kW-Based Variable Distribution Charges**	**kW**	**Rate**	**Revenue**	**Rate**	**Revenue**
13	Base Rate	31,926,509	$ 4.89	$ 156,120,630	$ 6.26	$ 199,891,467
14	HT Night Service Rider	324,541	$ 2.17	$ 704,253	$ 2.78	$ 901,701
15	High Voltage Discount					
16	33kV	8,756,337	$ (0.15)	$ (1,313,450)	$ (0.19)	$ (1,681,697)
17	66kV	222,009	$ (1.21)	$ (268,631)	$ (1.55)	$ (343,945)
18	>69kV	2,336,227	$ (1.21)	$ (2,826,835)	$ (1.55)	$ (3,619,381)
19						
20	**Total kW-Based Variable Distribution Revenue**			$ 152,415,967		$ 195,148,144
21						
22	Distribution System Improvement Charge (DSIC)			$ 4,672,195		$ -
23						
24	**Total Variable Distribution Charge Revenue**			$ 148,503,177		$ 186,563,160
25						
26	Regulatory Initiatives			$ 4,706		$ 4,706
27	Load Reduction			$ (2,533,889)		$ (3,136,374)
28	Annualization			$ 113,120		$ 140,016
29						
30	**Adjusted Total Distribution Revenue**			$ 157,653,660		$ 195,138,053

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - Electric Propulsion (EP)

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer Charge**	**Bills**	**Rate**	**Revenue**	**Rate**	**Revenue**
2	Base Rate	465	$ 1,292.35	$ 600,943	$ 1,292.35	$ 600,943
3	EP Night Service Rider	60	$ 11.39	$ 683	$ 11.39	
4						
5	**Total Customer Charge Revenue**			$ 601,626		$ 600,943
6						
7	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
8	Base Rate	573,028,014	$ (0.0006)	$ (343,817)	$ (0.0006)	$ (343,817)
10						
11	**Total kWh-Based Variable Distribution Revenue**			$ (343,817)		$ (343,817)
12						
13	**kW-Based Variable Distribution Charges**	**kW**	**Rate**	**Revenue**	**Rate**	**Revenue**
14	Base Rate	1,687,974	$ 4.44	$ 7,494,603	$ 4.60	$ 7,761,090
15	EP Night Service Rider	59,655	$ 2.10	$ 125,275	$ 2.17	$ 129,730
16						
17	**Total kW-Based Variable Distribution Revenue**			$ 7,619,878		$ 7,890,820
18						
19	Distribution System Improvement Charge (DSIC)			$ 239,706		$ -
20						
21	**Total Variable Distribution Charge Revenue**			$ 7,515,767		$ 7,547,003
22						
23	Regulatory Initiatives			$ 236		$ 236
24	Load Reduction			$ -		$ -
25	Annualization			$ -		$ -
26						
27	**Adjusted Total Distribution Revenue**			$ 8,117,629		$ 8,148,181

PECO Energy Company (Electric)
Rate Year Ended December 31, 2022
Proof of Revenue at Present and Proposed Rates - Lighting

Line			PRESENT RATES		PROPOSED RATES	
1	**Customer-Owned Lighting**					
2	**Service Location Charges**	**Locations**	**Rate**	**Revenue**	**Rate**	**Revenue**
3	SL-E	2,119,152	$ 6.65	$ 14,092,359	$ 6.65	$ 14,092,359
4	SL-C	2,700	$ 5.63	$ 15,201	$ 5.63	$ 15,201
5	TLCL	105,240	$ 3.67	$ 386,231	$ 3.67	$ 386,231
6	AL	179,940	$ 2.34	$ 421,060	$ 2.34	$ 421,060
7						
8	**Total Service Location Charge Revenue**			$ 14,914,851		$ 14,914,851
9						
10	**kWh-Based Variable Distribution Charges**	**kWh**	**Rate**	**Revenue**	**Rate**	**Revenue**
11	SL-E	143,062,964	$ 0.01694	$ 2,423,487	$ 0.01711	$ 2,448,172
12	SL-C	622,000	$ 0.03211	$ 19,972	$ 0.03244	$ 20,176
13	TLCL	49,199,914	$ 0.01560	$ 767,519	$ 0.01576	$ 775,337
14						
15	**Total kWh-Based Variable Distribution Revenue**			$ 3,210,978		$ 3,243,685
16						
17	**Company-Owned Lighting**					
18	**Component-Based Distribution Charges**			**Revenue**		**Revenue**
19	SL-S			$ 2,108,006		$ 2,129,478
20	POL			$ 2,668,689		$ 2,695,872
21	**Total Component-Based Distribution Revenue**			$ 4,776,695		$ 4,825,351
22						

PECO ENERGY COMPANY
STATEMENT NO. 8

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: RICHARD A. SCHLESINGER

SUBJECT: PROPOSED CHANGES TO PECO ENERGY COMPANY – ELECTRIC DIVISION TARIFF

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
RICHARD A. SCHLESINGER

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your name and business address.

A. My name is Richard A. Schlesinger. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, Pennsylvania 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as Manager, Retail Rates. In that capacity, I am responsible for the management and oversight of PECO's electric and gas retail and supplier service tariffs and oversee numerous filings with the Pennsylvania Public Utility Commission (the "Commission").

3. Q. Please describe your educational background.

A. I have a Bachelor of Science Degree in Engineering from Widener University. In addition, I have a Master's Degree in Business Administration from Saint Joseph's University.

4. Q. Please describe your professional experience.

A. I was hired in 1986 by PECO as a System Engineer in the Plant Operations group supporting the Limerick Nuclear Generating Station. From 1988 to 1991, I held several positions of increasing responsibility supporting plant operations,

management, and quality assurance. In 1992, I transferred into the position of Rate Engineer in the Rates and Regulatory Affairs Group. In 1997, I was appointed to the position of Project Manager, Customer Choice Implementation, and was responsible for many regulatory activities related to the phase-in of electric and gas retail choice for all of PECO's two million electric and gas distribution customers. In 2000, I transferred to the Company's Customer and Marketing Services Department and served as e-Commerce Manager and then as Project Manager, overseeing various Business/Information Technology system implementations. In 2004, I returned to the Regulatory and External Affairs Department, where I served as Principal Rate Administrator.

In 2009, I was promoted to my current position of Manager of Retail Rates. My responsibilities as Manager of Retail Rates include oversight of PECO's gas and electric tariffs as well as over one hundred filings annually with the Commission.

In addition, I address regulatory issues involving distributed generation, including interconnection applications and associated reporting.

5. Q. What is the purpose of your testimony?

A. My testimony will address proposed changes to PECO's Tariff Electric-Pa.P.U.C. No. 6 ("Tariff No. 6") that have been incorporated in the Company's proposed Tariff Electric-Pa. P.U.C. No. 7 ("Tariff No. 7") filed in this case. The changes to Tariff No. 6 consist of revisions to: (1) terms and definitions; (2) tariff rules and regulations; (3) rate schedules; (4) riders; (5) existing Section 1307 surcharge mechanisms; and (6) various miscellaneous provisions.

6. Q. Mr. Schlesinger, have you submitted testimony previously before the Commission?

A. Yes. I submitted testimony in support of PECO's Phase I Energy Efficiency and Conservation ("EE&C") Plan at Docket No. M-2009-2093215, PECO's Phase II EE&C Plan at Docket No. M-2012-2333992, PECO's Phase III EE&C Plan at Docket No. M-2015-2515691, and PECO's Phase IV EE&C Plan at Docket No. M-2020-3020830. In addition, I submitted testimony in support of the Company's Market Rate Transition Energy Efficiency Package at Docket No. P-2008-2062740 and its Residential Real-Time Pricing Program at Docket No. P-2008-2032333. Finally, I have also submitted testimony in support of several of PECO's Distribution Rate Cases. These include PECO's 2015 Electric Distribution Rate Case at Docket No. 2015-2468981, PECO's 2018 Electric Distribution Rate Case at Docket No. at R-2018-3000164, and PECO's current 2020 Gas Distribution Rate Case pending at Docket No. R-2020-3018929.

7. Q. Are you sponsoring any exhibits in this case?

A. No. However, as explained by Mr. Bisti in PECO Statement No. 7, the various tariff changes that I am identifying and explaining are reflected in blacklining of the relevant pages of the Company's proposed Tariff No. 7 that Mr. Bisti is sponsoring as PECO Exhibit JAB-2. Accordingly, I will refer to PECO Exhibit JAB-2 in certain points in my testimony.

II. PROPOSED CHANGES TO EXISTING TERMS AND DEFINITIONS

8. Q. Please describe the revisions that PECO is proposing to the definition of "Variable Distribution Service Charge".

A. The current definition describes the Variable Distribution Service Charge as "variable energy supply charges" for distribution service. PECO proposes to remove the word "energy" from this definition to clarify that the Variable Distribution Service Charge covers the costs associated with delivering electricity to customers and does not include costs related to generation service. In addition, PECO is proposing to revise the definition of Variable Distribution Service Charge to make clear that such charges appear in the "Distribution Charges" line item on the customer bill. For consistency, PECO is proposing similar changes to the definitions of "Energy Supply Charge" and "Fixed Distribution Charge" to clarify how these charges are listed on the customer bill.

III. TARIFF RULES AND REGULATIONS

9. Q. Please describe the revision PECO is proposing to Rule 6.1 of its Rules and Regulations regarding private property construction and the Company's service lines.

A. Rule 6.1 describes PECO's service-supply lines and sets forth the delineation between the facilities that PECO owns and operates and the facilities that the customer owns and operates. The current language in Rule 6.1 only refers to "secondary" service lines. PECO proposes to revise the first sentence of Rule 6.1(a)(2) to clarify that PECO will replace up to 200 feet of customer-owned

extensions of both primary and secondary underground service-supply lines at no charge to residential customers. This clarification is consistent with PECO's current practice.

10. Q. Please describe the revisions PECO is proposing to Rule 6.3 of its Rules and Regulations concerning customer service extensions.

A. PECO proposes to add two clarifications to Rule 6.3 to correspond to existing practice. First, Rule 6.3 currently states that PECO may install a Company-owned meter or transformer on customer-owned property or facilities. PECO sometimes needs to install a transformer on the customer's property or facilities to provide service to one or more customers. This practice promotes efficiency by allowing PECO to serve customers without installing multiple service facilities. Second, PECO is adding language to provide the Company with flexibility to choose the type of equipment to be installed that is necessary to serve the customer. For example, PECO will replace submersible transformers with pad mount transformers used by the majority of the electric industry today for ground based installations.[1]

[1] Pad mount transformers have several advantages over submersibles as they are easier for field personnel to locate in inclement weather (e.g. snow), cannot be covered up by customers with mulch or plants, and are not as susceptible to flooding.

11. Q. Please explain the revision PECO is proposing to Rule 7.3 of its Rules and Regulations related to the installation of underground distribution and service lines in new residential developments.

A. PECO was approached by a residential developer who proposed a method of underground electric utility installation that will streamline the installation process and result in reduced cost and faster turnaround times. Typically, PECO's underground electric facilities (primary and secondary wires) are direct buried, which requires a trench to be opened the day before the installation date and the developer's excavator to be present during the installation so they can backfill and backscreen the facilities after PECO finishes the installation. In contrast, if the service wires are buried in conduit, the excavator could excavate, install conduit, and backfill at the same time prior to the install date of PECO's underground facilities. This process would eliminate the extra cost of an excavator having to return to a job site a second time during the day of installation. Therefore, PECO is proposing to revise subsection B of Rule 7.3 by adding that the developer or its agent may install conduit for the Company's use in installing electric service to reduce costs.

12. Q. Please explain the proposed revision to Rule 16.6 - Testing Service.

A. Rule 16.6 allows PECO to charge customers who request tests to provide special information regarding their use of service. The current rule requires customers to pay PECO in advance for such special tests. PECO is proposing to revise the rule by deleting the term "in advance" and adding "at the Company's discretion." The

revision will provide PECO with greater flexibility when charging customers for special testing based on specific customer circumstances. PECO has proposed a similar change to its Natural Gas Service Tariff as part of its 2020 gas distribution base rate case (Docket No. R-2020-3018929).

13. Q. What changes is PECO is proposing to Rule 17.2 dealing with billing and payment options?

A. Based on discussions with the Commission's Bureau of Consumer Services, PECO is proposing to revise Rule 17.2 to clarify its standard billing practice for customers who receive both their electric and gas service from the Company at the same premises. Specifically, PECO will provide those customers with a combined invoice that displays charges for both their electric and gas service. PECO expects that, in its next gas base rate case, the Company will propose a similar clarification to the billing and payment provisions in its Natural Gas Service Tariff.

14. Q. Please describe the revision PECO is proposing to Rule 17.6 related to budget billing.

A. Rule 17.6 provides that residential customers receiving service under Rates R, RH, RS-2, Private Outdoor Lighting ("POL"), and GS are eligible for PECO's budget billing option. Budget billing spreads costs evenly month to month by charging a pre-arranged amount on each bill based on the customer's average usage during the preceding twelve months. Rate POL customers pay a fixed price per lighting unit and therefore their monthly bill payments do not fluctuate over

the course of the year due to changes in electric usage. For this reason, PECO is proposing to remove Rate POL from Rule 17.6.

15. Q. Please explain the tariff changes PECO is proposing with regard to reconnection fees.

A. Rule 18.7 establishes reconnection fees for terminations associated with non-payment, as well as fees for investigation and remediation of theft. PECO proposes to separate these two fees into distinct tariff rules. Rule 18.7 will continue to address reconnection fees for terminations associated with non-payment at the same levels set forth in PECO's existing Electric Service Tariff. A new Rule 18.8 will be created to separately address fees for investigation and remediation of theft.

Under Rule 18.8, PECO is proposing a $460 fee for investigating theft, which is consistent with the average cost that PECO incurs for field personnel to investigate and remediate theft. In addition, PECO believes that a $460 charge creates a proper balance between deterring theft, on the one hand, and allowing customers a reasonable opportunity to resolve interconnection issues, on the other hand, through payment of the $460 charge and to obtain legal, safe service going forward. PECO believes that it will achieve savings in information technology ("IT") costs if PECO is able to have charges of the same amount for gas theft and for electric theft. To that end, PECO has proposed a similar change to its Natural Gas Service Tariff as part of its 2020 gas distribution base rate case.

IV. RATE SCHEDULES

16. Q. Please describe the revision PECO is proposing to Rate Schedule RS-2.

A. Rate RS-2 sets forth the eligibility, terms, and conditions that apply to customers with customer-owned qualifying renewable energy generation that employ "net metering." PECO proposes a revision to clarify that customer-generators seeking to receive service under Rate RS-2 or their developers/contractors must submit the required application online at the following link: https://www.peco.com/SmartEnergy/MyGreenPowerConnection/Pages/SmallerGenerators.aspx.

17. Q. Please describe the revision PECO is proposing to Rate Schedule GS – General Service.

A. The Company is proposing to revise the availability provision of Rate GS to make clear that PECO will install, own, and maintain any transforming, switching, and other receiving equipment required to provide service to Rate GS. In contrast, the availability provisions of Rate Schedule PD – Primary Distribution Power and Rate Schedule HT – High Tension expressly provide that the customer owns the transformation and related equipment. This clarification is consistent with PECO's current practice.

18. Q. Please describe the revisions PECO is proposing to Rate Schedule EP – Electric Propulsion.

A. Rate EP is available to the National Rail Passenger Corporation (Amtrak) and to the Southeastern Pennsylvania Transportation Authority for untransformed service provided for the operation of electric transit and railroad systems. PECO is proposing two minor changes to Rate EP to reflect current practice. First, Amtrak has received service at its Lamokin service point for decades, likely since Rate EP was created. Throughout that time, PECO has owned the transformation equipment that supplies the rotary frequency converters at that location, and thus provides transformed service at that location for use as traction power by Amtrak. The Rate EP Availability section is currently limited to untransformed service. The purpose of the proposed change is to make clear that untransformed service to this legacy location has been, and continues to be, available under Rate EP.

Second, the three PECO delivery sites for Amtrak's traction power – Richmond, Lamokin, and Metuchen – have historically been conjunctively billed under Rate EP. The benefit of this provision is that PECO treats Amtrak's multiple delivery points as a single delivery point (i.e., conjunctively) for some metering and billing purposes, resulting in reduced billings as compared to issuing separate bills. Conjunctive billing continued for these locations after 2010, when Amtrak selected different suppliers for the locations. PECO is adding language to reflect that practice. Because the untransformed service has historically been included in Rate EP for all ratemaking purposes, and the three sites have historically been

conjunctively billed, these changes are not expected to have any revenue or other financial effect.

19. Q. What are Rates SL-E – Street Lighting Customer Owned Facilities and SL-C – Smart Lighting Control Customer Owned Facilities?

A. Rates SL-E applies to street lighting service provided to lighting facilities owned by municipal customers, including the City of Philadelphia. Rate SL-C is lighting service available to customer-owned street lighting facilities with Company-approved smart control technology.

20. Q. Is PECO proposing revisions to Rate Schedule SL-C?

A. Yes. PECO is proposing to revise several terms and conditions in Rate SL-C to conform to the Company's standard business practice.

In addition, PECO is proposing additional language for clarity to reference the Energy Efficiency Program Surcharge included in the service location charge. This language is the same as that already included in Rate SL-E and applies to Rate SL-C as well.

21. Q. Is PECO proposing any other tariff changes related to street lighting?

A. Yes. PECO is proposing to revise language concerning ownership of aerial fed streetlights as stated in paragraph 2.a of the Terms and Conditions section ("T&Cs") in both Rates SL-C and SL-E. The T&Cs state that PECO provides the supporting pole or post for such aerially supplied locations and owns the pole or

post. However, from time to time, PECO will sell streetlighting facilities to a government agency served under Rate SL-S in order to qualify for SL-C or SL-E. These facilities could be aerial fed. Ownership of the facilities, including the pole or post, will then transfer to the government agency. The revised language will reflect this change in pole/post ownership.

V. REVISIONS TO TARIFF RIDERS

22. Q. Is PECO proposing revisions to any existing tariff riders that you will address?

A. Yes. I will address proposed revisions to PECO's Construction Rider and Electric Vehicle DCFC Pilot Rider ("EV-FC Pilot Rider").

23. Q. Please describe PECO's proposed revisions to its Construction Rider.

A. PECO's Construction Rider is designed to waive the following guarantees of revenue – power factor adjustment, minimum billing demand, and contract minimum – during or immediately following a customer's major construction or expansion period that will require an upward modification of that customer's contract limits or during a receding load period. PECO is proposing to add language to the Construction Rider to expand availability of the rider to Rate GS customers with demands over 500 kW ("Large GS"). Large GS customers are subject to contract minimums similar to customers on Rate Schedules PD, HT, and EP to which the rider already applies. PECO extended the application of contract minimums to Large GS customers as part of its 2015 base rate case (Docket No. R-2015-2468981). Extending the Construction Rider to Large GS

customers would provide them with the same benefits during major construction or expansion as the other large customers with contract minimums.

24. Q. What is the EV-FC Pilot Rider?

A. The EV-FC Pilot Rider is a five-year pilot designed to support transportation electrification by encouraging the build out of publicly available (or workplace fleet) fast charging through reduced demand charges. Under the EV-FC Pilot Rider, PECO applies a demand (kW) credit initially equal to 50% of a Direct Current Fast Charger's ("DCFC's") nameplate capacity rate for customers installing a qualifying public DCFC served under Rate GS, PD, or HT. The demand credit is available for a 36-month term or until the pilot concludes on June 30, 2024, whichever comes first. In the Commission-approved settlement of PECO's last electric base rate case proceeding at Docket No. R-2018-3000164 ("2018 Settlement"), PECO agreed to collect the following data for DCFCs connected to the PECO system from pilot participants: the number installed, the number of charging ports, the nameplate capacity (kW), hourly and monthly usage (kWh), and the hourly and monthly demand (kW).

25. Q. Is PECO proposing any changes to the EV-FC Pilot Rider?

A. Yes. PECO proposes to expand the availability of the EV-FC Pilot Rider to public transit DCFCs. In addition, as described in more detail in the testimony of Jacqueline F. Golden (PECO Statement No. 9), PECO is proposing to offer several new pilot incentives for electric vehicle ("EV") charging to encourage the

deployment of EV charging infrastructure in the Company's service area and to support large-scale transit electrification in Pennsylvania.

26. Q. What is the Capacity Reservation Rider ("CRR")?

A. The CRR is a rider setting forth the terms and conditions of service that apply to customers who operate their own generation in parallel with the Company's distribution system and, therefore, need to reserve capacity on PECO's distribution system to serve their load when their generators are off-line. The CRR also applies to customers who want to reserve capacity in excess of their present demand from the PECO distribution system for new business growth or expansion.

The CRR set forth in the Company's tariff was the product of the settlement of PECO's 2015 base rate case (Docket No. R-2015-2468981). By its terms, the CRR was grandfathered so that it did not apply to customers whose generating facilities were online prior to January 1, 2016. In the 2018 Settlement, the Company agreed to collect data regarding each CRR customer added (class, usage, billing details, and revenue) and the cost of the capacity being reserved, including the basis for determining the cost as either a system average or specific costs to serve each customer.

27. Q. Has PECO satisfied its 2018 Settlement commitment to collect data regarding the operation of the CRR?

A. Yes. At this time, PECO has no customers with generation operating in parallel with the Company's distribution system being served under the CRR. While PECO is not proposing any changes to its existing CRR at this time, the Company will continue to analyze the usage and billing data and the cost of capacity reserved for any customers served under the CRR and provide such data in its next electric base rate proceeding.

VI. SECTION 1307 SURCHARGE MECHANISMS

28. Q. What is a Section 1307 surcharge mechanism?

A. Section 1307 of the Public Utility Code, 66 Pa. C.S. § 1307, authorizes utilities to establish automatic adjustment clauses that allow them to recover, outside of a base rate proceeding, specific, designated categories of costs. Cost recovery is subject to annual review and reconciliation, such that over or under-recoveries of actual costs are refunded to customers or recouped, as applicable. The operation of Section 1307 clauses is also subject to annual public hearings and periodic audits by the Commission.

29. Q. Is PECO proposing changes to any Section 1307 surcharge mechanisms?

A. Yes, the Company is proposing to revise its Transmission Service Charge ("TSC"), Non-Bypassable Transmission Charge ("NBT"), Distribution System Improvement Charge ("DSIC"), and Consumer Education Charge ("CEC").

First, PECO proposes to revise its TSC and NBT to clarify that the current TSC rate and NBT rate applies to billed transmission demand (kW) and distribution demand (kW), respectively.

Second, in accordance with the "New Base Rate" section of PECO's DSIC, which was approved by the Commission's Order entered on October 22, 2015 at Docket No. P-2015-2471423, PECO is required to reset the DSIC to 0% upon the effective date of Commission-approved base rates. Accordingly, the DSIC will be set to 0%, effective January 1, 2022 as shown in PECO Exhibit JAB-2.

Finally, PECO is proposing to revise the CEC to include costs associated with additional education and outreach directed to low- and moderate-income customers about PECO's universal service programs described by Company witness Lauren B. Feldhake in PECO Statement No. 10. Commencing on January 1, 2022, PECO proposes to recover up to $500,000 per year in incremental costs associated with this expanded outreach proposal through the CEC.

VII. MISCELLANEOUS

30. Q. What are the miscellaneous revisions that are being proposed by PECO and reflected in Tariff No. 7?

A. PECO is proposing three miscellaneous revisions.

First, PECO strongly encourages, but does not require, payment troubled customers seeking to enroll in the Company's Customer Assistance Program ("CAP") to apply for at least one energy assistance grant from the

Commonwealth. Therefore, PECO proposes to remove from the certification requirements for enrollment in the CAP Rider the following language: "Apply for and assign to PECO at least one energy assistance grant from the Commonwealth."

Second, PECO is proposing to revise the definition of the Minimum Charge for customers with demand measurement in Rate GS to reference the Variable Distribution Service Charge delineated in the Monthly Rate Table rather than a stated dollar amount per kW.

Third, PECO is proposing to remove obsolete language in the Availability section of the CEC that refers to the expired Voluntary Market Rate Phase-In Rider.

VIII. CONCLUSION

31. Q. Does this complete your direct testimony at this time?

A. Yes, it does.

PECO ENERGY COMPANY
STATEMENT NO. 9

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: JACQUELINE F. GOLDEN

SUBJECTS: ELECTRIC VEHICLE CHARGING PILOT AND SMALL BUSINESS RELIEF PROGRAM

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
JACQUELINE F. GOLDEN

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your name and business address.

A. My name is Jacqueline F. Golden. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, Pennsylvania 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as Director of Strategy. In that capacity, I am responsible for managing and directing activities necessary to support executive leadership and business stakeholders with developing strategic business initiatives that will provide value for our customers.

3. Q. Please describe your educational background.

A. I have a Bachelor of Science in Business Administration from Drexel University and a Master of Business Administration from La Salle University.

4. Q. Please describe your professional experience.

A. I began my career with PECO in 1981 as a customer service representative. Between 1981 and 2000, I held positions of increasing responsibility in several departments including customer operations, application support, large customer accounts, and Gas Supply and Transportation ("GS&T"). In 2000, I worked in

Energy Acquisition as a principal analyst managing relationships with external electric generation suppliers ("EGSs") and then transferred into Finance as an analyst, where I ultimately became Manager of Financial Operations in 2007.

In 2010, I began working in our Regulatory Affairs Group as a project manager responsible for implementation of the Generation Supply Adjustment ("GSA") and then, in 2012, I became Manager of Strategic Planning in the Office of the Chief of Staff for the Chief Executive Officer of Exelon Utilities ("EU"). While in EU, I had numerous responsibilities including supporting activities associated with the Exelon and Pepco Holdings, Inc. merger.

In July 2019, I was promoted to Director of Strategy for PECO and am now responsible for working closely with our organization and stakeholders to support the development and execution of strategic initiatives that will provide value to our customers.

5. Q. What is the purpose of your testimony?

A. The purpose of my testimony is to describe: (1) PECO's proposed pilot incentive programs for electric vehicle ("EV") charging (the "EV Charging Pilot"); and (2) PECO's proposed Small Business Recovery Program. The EV Charging Pilot is designed to incentivize the development of EV charging sites in the Company's electric service territory and gather important EV charging data to inform the Company's future distribution system planning and rate design. The Small Business Recovery Program will offer small business customers in low-income

communities a one-time grant of $3,000 to be applied as a credit on the customer's existing electric account.

II. EV CHARGING PILOT

6. Q. Why does PECO believe it is important to support and gather data concerning EV charging?

A. The movement toward transportation electrification ("TE") in Pennsylvania is already in progress. At the state level, the Pennsylvania Department of Environmental Protection ("PA DEP") is implementing the Driving PA Forward and the Alternative Fuel Incentive Grant ("AFIG") programs to incentivize TE. Notably, in July of 2020, Pennsylvania entered into a memorandum of understanding with 14 other states and the District of Columbia in which Pennsylvania committed to work collaboratively to advance and accelerate the market for electric medium- and heavy-duty vehicles. The Pennsylvania Public Utility Commission (the "Commission") has also recently observed that EV use will increase across the Commonwealth in the coming years.[1]

In the private sector, many vehicle manufacturers have announced plans to significantly expand their EV offerings for both passenger and commercial vehicles, and new manufacturers have been entering the market. Developments in EV technology are also making buses and medium- and heavy-duty vehicles available at prices that are competitive on a total cost of ownership basis.

[1] *Investigation into Default Serv. and PJM Interconnection, LLC Settlement Reforms*, Docket No. M-2019-3007101 (Secretarial Letter issued Jan. 23, 2020), pp. 6-7.

TE can deliver public benefits by eliminating ground level emissions[2] and driving local economic investment in charging infrastructure. There are, however, implementation challenges that can impede the transition to TE, including the substantial upfront costs to establish charging stations, the significant load changes on PECO's distribution system arising from increased EV charging activity, and the need to educate customers about the use and benefits of EVs.

PECO has already taken steps to support TE and is proposing a new EV Charging Pilot in this proceeding to further address some key implementation challenges. The Pilot will benefit customers by accelerating TE in the Company's electric service territory and generating meaningful data to help PECO in future distribution system planning and rate design.

7. Q. What is the Company already doing to promote EV adoption?

A. PECO has several existing programs to promote EVs and support the development of EV infrastructure in its electric service territory. In terms of rate design, the Company has a five-year Electric Vehicle DCFC Pilot Rider ("EV-FC Rider") that provides for a temporary demand (kW) credit to encourage the build out of publicly available (or workplace fleet) fast charging.[3] PECO also plans to launch a time-of-use ("TOU") offering for default generation supply in September of 2021 that will reduce the cost of overnight EV charging and encourage

[2] More than 99% of PECO customers are in counties that currently have Clean Air Act non-attainment status.
[3] The EV-FC Rider was approved as part of the Company's 2018 electric distribution rate case (Docket No. R-2018-3000164). As described in the direct testimony of Company witness Richard A. Schlesinger in PECO Statement No. 8, PECO is proposing to expand the availability of the EV-FC Rider to include public transit.

customers to shift load from on-peak to off-peak hours.[4] The Company further offers customer incentives for registering an EV with PECO and for the installation of qualifying EV chargers. Finally, PECO engages in a variety of customer education efforts, including hosting and participating in public events, maintaining an "EV Toolkit" on the Company's website, and responding to customer inquiries regarding capacity availability and grid interconnection.

8. Q. Please describe the EV Charging Pilot that PECO is proposing in this proceeding.

A. The EV Charging Pilot has three components: (1) the Transit Charging Program; (2) the Commercial and Industrial Level 2 Charging Program (the "L2 Program"); and (3) the Electric Vehicle Education and Outreach Program. Taken together, these programs are designed to incentivize customers to construct and deploy EV chargers, generate data regarding public and fleet charging, and expand PECO's efforts to educate customers about TE. The Pilot's Transit Charging Program and L2 Program are technology-neutral, and participating customers will be able to select any charging technology that can deliver the Pilot data requirements.

9. Q. Please describe the Pilot's Transit Charging Program.

A. PECO understands that large-scale public transit electrification will benefit the public through the elimination of ground level emissions from buses, which serve

[4] The TOU offering was approved as part of the Company's most recent Default Service proceeding (Docket No. P-2020-3019290).

a high percentage of citizens in Environmental Justice Areas[5], and that there are some unique challenges associated with transit EV charging. For example, large scale transit charging is likely to create significant new electric loads at sites such as parking lots and bus stops that have historically had very little electric consumption.

Transit electrification projects involve significant upfront costs, including higher purchase prices for electric buses, development of charging infrastructure[6] at bus depots, and in some situations, development of *en route* charging infrastructure in the form of very high capacity chargers (250 kW to 500 kW per charging port) used to quickly "top off" batteries during the normal operating day.

To address these challenges, the Transit Charging Program will offer a significant incentive to offset public transit charging station development costs.

The Transit Charging Program will be subject to the following requirements and limitations:

- The incentives will be available only for charging stations dedicated primarily to battery electric buses that are operated by a transit authority within the PECO electric service territory.

[5] PA DEP defines an Environmental Justice Area as: "any census tract where 20 percent or more individuals live at or below the federal poverty line, and/or 30 percent or more of the population identifies as a non-white minority, based on data from the U.S. Census Bureau and the federal guidelines for poverty." See https://www.dep.pa.gov/PublicParticipation/OfficeofEnvironmentalJustice/Pages/PA-Environmental-Justice-Areas.aspx.

[6] Charging infrastructure development costs include the purchase and installation of the charging units as well as supporting infrastructure, often referred to in the EV industry as "make ready," including a transformer pad (if necessary), an electric service panel, junction boxes, conduit, conductor, *etc.*, necessary to connect the EV charging infrastructure to the electric grid.

- Each charging port must have a capacity of at least 250 kW.

- The incentive will be paid in installments over a three-year period (2022 – 2024) as the customer meets charging station development milestones, and the total Program budget shall be limited to a maximum of $1,000,000.

- If a customer site receives a governmental grant toward the construction of and equipment purchases for a charging station, the incentive from PECO shall not exceed the total cost of equipment, installation, and make ready less the value of the governmental grant.

- Should the Company receive incentive applications in excess of the Program budget, the Company will give priority to those applications which, in the Company's sole discretion, best advance large-scale public transit electrification.

- A customer receiving the incentive will be required to provide the Company with detailed information for each participating charger over a three-year period, including interval data (kW and kWh) covering charging event duration, site-specific charging load management strategies, and equipment utilization rates.

The following chart summarizes the roles and responsibilities in the Transit Charging Program:

PECO Responsibilities	Customer Responsibilities
Collaborate with participating customer to determine location of charging stations and the number and peak load of charging units at each site	Collaborate with PECO to determine location of charging stations and the number and peak load of charging units at each site
Construct line extensions needed to serve the charging station loads consistent with PECO's retail electric tariff	Determine the charging technology, including kW ratings, and develop the site plan for each charging location
Provide incentives to customer to subsidize the purchase and installation of charging units at the charging station(s)	Procure, own, operate, and maintain EV charging units, including make ready infrastructure
Provide electric distribution service to the EV charging units in accordance with the Company's retail electric tariff	Pay for charging station equipment and installation costs (net of PECO incentive) and the cost of operating and maintaining charging stations, including network service fees
	Provide the Company with charging session transactional data for 3 years to enable the company to better understand load profiles and charging patterns and to inform the design of potential future load management programs

10. Q. Please describe the Pilot's L2 Program.

A. Similar to the Transit Charging Program, the L2 Program is designed to address the upfront costs of developing charging sites and help the Company understand the load profile and other implications of commercial and industrial L2 EV charging. Qualifying customers can receive an L2 Program incentive in exchange for providing detailed information for each participating charger over a two-year period, including interval data (kW and kWh) covering charging event duration, site-specific charging load management strategies, and equipment utilization rates. This "real world" data on charging installations will inform future rate design and distribution system planning for the load impacts of TE.

The incentive level varies depending upon the location of the charging site as follows:

- The lesser of $3,000 per charging port or 75% of make ready costs incurred for sites in an Environmental Justice Area (as designated by the PA DEP at the time of application) within PECO's electric service territory.
- The lesser of $2,000 per charging port or 50% of make ready costs incurred for sites at any other location within PECO's electric service territory.

The L2 Program will be subject to the following requirements and limitations:

- The incentives will be available to all applicable classes of commercial and industrial customers (for example, rates GS, HT and PD) for applications including, but not limited to, public charging, fleet charging, bus charging, multi-unit dwelling charging and workplace charging.
- Each customer is eligible to receive the make-ready incentive for a maximum of 20 ports over the duration of the Pilot.
- Incentives shall be paid on a first-come first-served basis upon placement of the charging station(s) into service during the years 2022 and 2023, and total Program incentives shall be limited to a maximum of $250,000 per calendar year. The total L2 Program budget shall be $575,000, which includes both incentives and administrative costs related to incentive processing and ongoing data collection.
- If a customer site receives a governmental grant toward the construction of and equipment purchases for a charging station, the incentive from PECO

shall not exceed the total cost of equipment, installation, and make ready less the value of the governmental grant.

The following chart summarizes the roles and responsibilities in the L2 Program:

PECO Responsibilities	Customer Responsibilities
Construct any line extensions needed to serve the charging station loads consistent with PECO's retail electric tariff	Determine location of charging stations and the number and peak load of charging units at each site
Provide incentives to customer to subsidize the make ready costs for the charging station(s)	Determine the charging technology, including kW ratings, and develop the site plan for each charging location
Provide electric distribution service to the EV charging units in accordance with the Company's retail electric tariff	Procure, own, operate, and maintain EV charging units, including make ready infrastructure
	Pay for charging station equipment costs and the cost of operating and maintaining charging stations, including network service fees
	Provide the Company with charging session transactional data for 2 years to enable the Company to better understand load profiles and charging patterns and to inform the design of potential future load management programs

The Company expects the L2 Program will be operational no later than April 1, 2022.

11. Q. How many customers will be able to take advantage of the L2 Program?

A. The number of participating customers will depend on the average incentive amount and the average number of ports per customer. If the average incentive is $2,000 per charging port, that equates to 250 charging ports distributed over 13 to 125 customers. If the average incentive is $2,500, that equates to 200 charging ports distributed over 10 to 100 customers.

12. Q. Please describe the Pilot's Electric Vehicle Education and Outreach Program.

A. PECO is proposing to conduct proactive EV education and outreach to increase customer knowledge of the Company's EV offerings including the EV Toolkit, the EV-FC Rider, the EV registration incentive, the L2 Program, and the Transit Charging Program. The awareness campaign will utilize a variety of communication channels including, but not limited to, bill inserts, email, social media, website updates, and printed materials.

13. Q. What are the projected costs related to the Pilot?

A. The table below provides detail regarding projected costs of the Pilot.

Projected Pilot Costs			
[A]	Transit Charging Program	*Expense*	$1,000,000
[B]	L2 Program – incentives	*Expense*	$500,000
[C]	L2 Program – administration	*Expense*	$75,000
[D]	EV Education and Outreach Program	*Expense*	$50,000
	TOTAL		$1,625,000

14. Q. How does the Company plan to recover these Pilot costs?

A. The Company is proposing to recover Pilot costs through base distribution rates as demonstrated in PECO Exhibit MJT-1, Schedule D-15, which is sponsored by Company witness Michael J. Trzaska (PECO Statement No. 3). The cost of the Transit Charging Program and EV Education and Outreach would be recovered from all customer classes while L2 Program costs would be recovered from commercial and industrial customer classes only.

III. SMALL BUSINESS RECOVERY PROGRAM

15. Q. Please describe the Company's proposed Small Business Recovery Program.

A. PECO understands that some small businesses in the Philadelphia area are still struggling with the economic impact of the COVID-19 pandemic. PECO also understands that small businesses provide services that are critically important in low-income communities and are part of the fabric of those communities. In order to support small businesses continuing to provide services in low-income communities, PECO is proposing to implement a Small Business Recovery Program. Under the Program, small business customers in low-income communities can receive a one-time grant of $3,000 to be applied as a credit on the customer's existing electric account. The grant could be applied to either existing arrearages or future electric bills.

16. Q. What are the eligibility requirements for the Program?

A. To be eligible for a grant, the small business must:

(1) Be an existing PECO electric customer (i.e. have a PECO account in the name of the business) taking service under Rate GS;

(2) Have a monthly billing demand of less than 100 kW;

(3) Be located (i.e., have its service address) in a low-income community as defined by the U.S. Department of Treasury's Community Development Financial Institutions Fund; and

(4) Demonstrate COVID-related hardship as shown by the following:

a. The customer was not in arrears as of March 1, 2020;

b. The customer developed a past due balance between March 1, 2020 and March 31, 2021; and

c. The customer remains past due at the time of application for the grant.

When awarding grants to qualifying small businesses, preference will be given to grant applications from minority and women-owned businesses.

17. Q. How will the Company educate customers about the Program?

A. PECO will issue a proactive communication to small commercial and industrial customers on Rate GS in low-income communities once the Program is approved and ready to be launched. Program information will also be published on the Company's website and shared with community and economic development partners in the region. PECO plans to have a 90-day grant application acceptance window in 2022.

18. Q. What are the projected costs related to the Program?

A. The total budget for the Program is $1,000,000, which is estimated to include $950,000 for grants and $50,000 for administrative costs. PECO plans to initiate the Program in 2021 with a budget of $100,000. This will allow application and implementation processes to be developed and piloted in 2021. If PECO receives approval of the Program in this proceeding, the Company would spend an additional $900,000 in 2022.

19. Q. How does the Company plan to recover these Program costs?

A. The Company is proposing to recover $900,000 in Program costs from Rate GS customers over a three-year period (2022 – 2024), as demonstrated in PECO Exhibit MJT-1, Schedule D-15. PECO is not seeking recovery for Program expenditures made in 2021.

20. Q. How many small business customers would receive grants under the Program?

A. With a $950,000 incentive budget, PECO could provide $3,000 grants to up to 316 qualifying small business customers.

21. Q. What if all grant funds are not utilized after the initial application period?

A. PECO will open a second application period, which would remain open until all grant funds have been allocated.

IV. CONCLUSION

22. Q. Does this conclude your direct testimony at this time?

A. Yes, it does.

PECO ENERGY COMPANY
STATEMENT NO. 10

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION
v.
PECO ENERGY COMPANY – ELECTRIC DIVISION

DOCKET NO. R-2021-3024601

DIRECT TESTIMONY

WITNESS: LAUREN FELDHAKE

SUBJECTS: RESIDENTIAL RELIEF PROGRAM;
CUSTOMER OUTREACH;
ALLOCATION OF UNIVERSAL
SERVICE COSTS

DATED: MARCH 30, 2021

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DIRECT TESTIMONY
OF
LAUREN FELDHAKE

I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. Q. Please state your name and business address.

A. My name is Lauren Feldhake. My business address is PECO Energy Company, 2301 Market Street, Philadelphia, PA 19103.

2. Q. By whom are you employed and in what capacity?

A. I am employed by PECO Energy Company ("PECO" or the "Company") as the Vice President of Customer Operations. In that capacity, I am responsible for Customer Financial Operations (Billing, Payment Processing, Revenue Management, and Universal Services), Customer Care Center (Incoming calls and correspondence from Residential and Small Business customers), our Walk-In Customer Solutions Center, and Field & Meter Services (Meter Maintenance and installation, Revenue Protection/Theft of Service and High Bill Field investigations).

3. Q. Please describe your educational background.

A. I received a Bachelors in Economics & Psychology from Bucknell University as well as a Masters of Business Administration from Temple University.

4. Q. Please describe your professional experience.

A. I began working for PECO in March 1995 in business Account Management. I have worked in a variety of roles of increasing responsibility over the past 25 years

(Market Research, Load Forecasting, Customer Relations as well as Director of Customer Financial Operations and Director of PECO Care Center). I also spent four years working for Exelon Business Services Company in the Strategic Sourcing group. I have been in my recent role as VP of Customer Operations since late 2017. Prior to working at PECO, I worked at Temple University's Small Business Development Center and the World Affairs Council of Philadelphia.

5. Q. What is the purpose of your direct testimony?

A. My testimony will address three separate areas:

Residential Relief Program: I will describe the Company's proposed Residential Relief Program and discuss other actions PECO has taken to address the impact of the COVID-19 pandemic on its residential customers.

Expanded Customer Outreach and Education: I will explain PECO's expanded outreach and education plans to better serve and reach our low to moderate income ("LMI") customers.

Allocation of Universal Service Costs: I will explain PECO's proposed allocation of universal service costs.

II. RESIDENTIAL RELIEF PROGRAM

6. Q. What actions has the Company taken to assist residential customers during the COVID-19 pandemic?

A. As noted in the direct testimony of PECO witness John E. McDonald, the Company has been proactive in seeking to help customers throughout the COVID-19 pandemic. Since March of 2020, PECO has offered all residential customers the opportunity to enter into a 24-month payment agreement. The Company has utilized multiple strategies, including emails targeted to customers with past due balances, letters, bill inserts, and postings on social media channels and the Company's website, to inform customers about this special payment agreement. PECO also has implemented an automated enrollment process whereby a customer may sign up for the special payment agreement online or via Interactive Voice Response ("IVR").

Additionally, the Company has implemented a variety of other COVID-19 relief measures in accordance with Commission orders at Docket No. M-2020-3019244, including a moratorium on termination of service and waiver of late payment charges, connection fees, and deposits for reconnection of service.

With respect to its universal service programs, on December 17, 2020, the Commission approved PECO's proposal to temporarily modify the eligibility requirements for the Company's hardship fund (the Matching Energy Assistance Fund or "MEAF") to expand the number of customers who may qualify for

assistance.[1] In addition, although not driven by the COVID-19 pandemic, PECO has also proposed to change its CAP design to a percentage of income payment plan ("PIPP"), which is expected to improve bill affordability for CAP customers.[2]

Finally, in March of 2021, PECO began waiving the transaction fee associated with making payments at authorized payment locations in the PECO territory. PECO's Customer Solution Center at 2300 Market Street in Philadelphia has remained closed during the pandemic and its reopening date is not yet determined. Authorized payment locations have a local presence in our service territory and serve as a convenient way for customers to make payments to PECO. The Company will absorb the 2021 expense associated with this transaction fee waiver as a shareholder contribution. In this case, PECO is proposing to continue to waive these transaction fees at authorized payment locations in perpetuity and seeks cost recovery as a general operating and maintenance expense ("O&M") expense with an estimated annual cost of $586,000.

[1] *Petition of PECO Energy Company (PECO) to temporarily amend its current 2016-2018 Universal Service and Energy Conservation Plan (2016 USECP)*, Docket Nos. P-2020-3022124 and M-2015-2507139 (Secretarial Letter issued Dec. 17, 2020).

The Company also filed a COVID-19 relief proposal on June 26, 2020, that included a bill credit for Customer Assistance Program ("CAP") customers, temporary waivers of certain requirements for CAP enrollment and recertification, and a transfer of unspent Low-Income Usage Reduction Program ("LIURP") funds to a summer cooling initiative. *Petition of PECO Energy Company for Public Meeting August 6, 2020 Expedited Approval of Temporary Universal Service Measures To Address COVID-19 Related Economic Hardship And Provide Additional Opportunities For Electric Usage Reduction*, Docket No. P-2020-3020555. At its August 6, 2020 Public Meeting, the Commission voted 2-2 on the Petition.

2 See PECO's Amended Proposed 2019-2024 Universal Service and Energy Conservation Plan, Docket No. M-2018-3005795 (filed July 8, 2020).

7. Q. Has the Company recently filed any proposed customer relief programs with the Commission?

A. Yes. On March 23, 2021, PECO filed for approval of a COVID-19 Emergency Grant Program for low-income customers. This Program converts unspent LIURP funds from 2020 into grants for residential customers at or below 200% of the Federal Poverty Level. Each qualifying customer would receive a grant of up to $1,000. Any remaining arrearages for that customer would be entered into a 5-year payment agreement.[3] The total Program budget is $3.7 million, with half of the funds available in 2021 and half available in 2022.

8. Q. Is PECO offering further relief to residential customers as part of this case?

A. Yes. PECO is proposing a Residential Relief Program as part of this proceeding. The Program is designed to provide bill assistance to qualifying customers who have been affected financially by the pandemic. To be eligible for bill assistance, a customer must: (1) provide proof of either loss of employment since March 2020 or receipt of a federal COVID-19 relief check; (2) have an existing arrearage; and (3) not be enrolled in PECO's CAP. CAP customers are not eligible because they may obtain a grant through the proposed Low-Income Grant Program that I described earlier.

[3] Payment arrangements with a term of less than 5 years will be available upon customer request. *See Public Utility Service Termination Moratorium,* Docket No. M-2020-3019244 (Order entered March 18, 2021) (describing payment arrangement requirements based on customer income).

9. Q. What bill assistance will be provided under the Residential Relief Program?

A. PECO will provide a bill credit to each qualifying customer that is equal to 25% of the customer's arrearage. The maximum bill credit that a customer may receive is $400. After the bill credit is applied, any remaining arrearages would be entered into a payment agreement of up to five years. If a customer may be eligible for universal service programs, PECO will also inform the customer about the opportunity to enroll in such programs.

10. Q. What is the budget for the Residential Relief Program?

A. The total Program budget is $3.0 million, with 90% ($2.7 million) dedicated to customer bill credits. The remaining 10% ($300,000) will be used for administrative fees to operate the Program and for customer outreach and communications. Customer bill credits would be provided on a first come-first served basis and the Program would remain active until the funding is depleted. The Company is seeking recovery of Program costs over a three-year period and has included the Program budget as a proforma adjustment to the Company's revenue requirement.

III. EXPANDED CUSTOMER OUTREACH AND EDUCATION

11. Q. Please describe PECO's expanded customer outreach and education proposal.

A. PECO is planning to increase the level of education and outreach about the Company's universal service programs to its LMI customers. With changes to the Universal Service program offerings and the post-COVID economic conditions in our service territory, the Company believes further outreach is imperative in the LMI

communities. The Company will use both existing communication plans as well as new marketing channels to expand customer awareness of universal service offerings.

12. Q. Does PECO currently have an outreach budget included in its USECP?

A. Yes. PECO is currently operating under its Commission-approved 2016-2018 Universal Service and Energy Conservation Plan[4] ("USECP") which has an annual outreach and advertising budget of approximately $260,000. The Company's proposed 2019-2024 USECP, which is pending before the Commission, has an annual outreach and advertising budget of approximately $350,000 for 2022.[5] The USECP outreach and advertising budget is primarily focused on community outreach events and advertisements for the Low-Income Home Energy Assistance Program ("LIHEAP").

13. Q. Does PECO believe its current spending levels are sufficient for LIHEAP awareness?

A. No. PECO primarily uses traditional channels, such as radio advertisements and mailing campaigns to former LIHEAP recipients and other customers who should be eligible for LIHEAP grants. Under the expanded outreach proposal, PECO would increase use of radio and expand into TV advertisements as well as social media and internet content to increase awareness of LIHEAP to its LMI customers. PECO also believes with the changes to the economy from the COVID-19 pandemic, there are

[4] *See* Docket No. M-2015-2507139.

[5] *See* Docket No. M-2018-3005795.

newly eligible customers who would benefit from a broader outreach campaign improving awareness of LIHEAP.

14. Q. Is the expanded outreach proposal focused solely on LIHEAP?

A. No. PECO plans to expand awareness of the entire portfolio of universal service programs, including the development and implementation of ongoing marketing campaigns for CAP and LIURP. Together, CAP and LIURP help customers lower their bills and improve the efficiency of their electric usage. PECO plans to use its traditional marketing channels to promote these programs as well as look to new methods of attracting customers.

15. Q. Will PECO begin this effort in 2021?

A. Yes, PECO will begin expansion activities on a smaller scale in 2021. The Company is not seeking recovery of 2021 spending on this initiative.

16. Q. What level of funding is PECO requesting in this case and how would costs be recovered?

A. Beginning in 2022, PECO proposes to recover up to $500,000 per year in costs associated with the expanded customer outreach and education proposal. PECO will track these incremental expenditures separately from USECP spending, and, as discussed by Mr. Schlesinger (PECO St. No. 8), the costs would be recovered from residential customers through the Company's existing consumer education plan surcharge.

IV. ALLOCATION OF UNIVERSAL SERVICE PROGRAM COSTS

17. Q. How is PECO proposing to allocate universal service costs in this proceeding?

A. PECO is proposing to continue to allocate all universal service costs to the residential customer class.

18. Q. Why does PECO believe it is appropriate to allocate all universal service costs to the residential customer class?

A. PECO believes its proposed allocation is consistent with the principles of cost causation.[6] Only residential customers are eligible to participate in the Company's universal service programs and the residential customer class benefits from the reduction in arrearages and collection costs that are associated with those programs. Commercial and Industrial customers, on the other hand, are not eligible to participate in universal service programs and do not receive any corresponding benefits in the form of reduced arrearages or grants. For these reasons, PECO believes it is appropriate for the residential customer class to be responsible for the cost of universal service programs. In addition, I note that the Commission recently rejected proposals to reallocate universal service costs to non-residential gas customers in the Columbia Gas proceeding.[7]

[6] The Commonwealth Court has found that cost of service is a "polestar" for ratemaking purposes. *Lloyd v. Pa. P.U.C.*, 904 A.2d 1010, 1020 (Pa. Cmwlth. 2006).

[7] Opinion and Order, *Pa. P.U.C. v. Columbia Gas of Pa., Inc.*, Docket No. R-2020-3018835 (Order entered Feb. 19, 2021), pp. 258-261.

V. CONCLUSION

19. Q. Does this conclude your direct testimony at this time?

A. Yes, it does.