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File #: 213790

September 24, 2025

VIA ELECTRONIC FILING

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: Letter Of Notification Of PPL Electric Utilities Corporation, Filed Pursuant To 52 Pa. Code Chapter 57 Subchapter G, For Approval To Build Approximately 1.5 Miles Of New Single Circuit 230 kV Transmission Line To Connect the Existing Susquehanna 230 kV Switchyard to the Existing Customer-Owned 230-69 kV Substation, To Build A New Single Circuit 0.2-Mile-Long 500 kV Transmission Line From the Susquehanna 500 kV Switchyard To An Existing Customer-Owned Substation, and To Build A New Double Circuit 0.4-Mile-Long 230 kV Transmission Line From The Susquehanna T10 230 kV Switchyard To A New Customer Owned 230-34 kV Substation Located in Luzerne County, Pennsylvania
Docket No. A-2025-3056806**

**Petition for Waiver of PPL Electric Utilities Corporation
Docket No. P-2025-3056867**

Dear Secretary Homsher:

Enclosed, on behalf of PPL Electric Utilities Corporation (“PPL Electric”), is information being supplied to the Pennsylvania Public Utility Commission’s (“Commission”) Bureau of Technical Utility Services (“TUS”) in response to TUS Set II Data Requests regarding the above-captioned proceeding. PPL Electric’s responses to these data requests include the following **CONFIDENTIAL** and **PROPRIETARY** attachment.

- **CONFIDENTIAL** Attachment A-19

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This attachment contains **CONFIDENTIAL** and **PROPRIETARY** information and is being filed separately with the Commission via ShareFile.

**REQUEST FOR CONFIDENTIAL TREATMENT
OF PROPRIETY INFORMATION**

The enclosure is marked “**CONFIDENTIAL AND PROPRIETARY**” because it contains commercially sensitive information, including, but not limited to, details about the condition of existing PPL Electric transmission structures and analysis of the same. PPL requests that the copies of the material that have been labeled “**CONFIDENTIAL AND PROPRIETARY**” be given confidential treatment by the Commission, including its various offices and bureaus. That is, PPL Electric requests that the confidential material be excluded from the Commission’s public document folder and that the confidential copies not be disclosed to the public.

If there are any questions concerning this matter, please contact me at the addresses or telephone numbers provided above.

Copies are being provided as indicated on the Certificate of Service.

Respectfully submitted,



Garrett P. Lent

GPL/dmc
Enclosures

cc: Jordan Van Order (*via email; w/attachment*)

PPL Electric Utilities Corporation
Response to the Set I Data Requests of the
Bureau of Technical Utility Services
A-2025-3056806 and P-2025-3056867
Dated September 22, 2025

Q. A-18. Reference TUS Data Requests, Response to A-7. Please provide a copy of the calculation and clearly label any input assumptions and provide the basis for those assumptions.

A. A-18. See Attachment A-18-1. The attached spreadsheet shows PPL Electric's calculation to estimate the reduction of transmission costs to other customers from the addition of the proposed customer load. Specifically, the reduction is a result of changing the assumptions of the system peak, and customer allocations under the Company's FERC Formula Rate ("FFR").

The "FFR Trend" tab on Attachment A-18-1 shows the calculations for the estimated change to the FFR. The Company assumed an additional \$3.4 million being placed into rate base to interconnect 1,440 MW of new load. Row 26 shows the estimated increase to the revenue requirement. Row 27 shows the estimated increase to the system peak from approx. 7.5 GW to 8.9 GW. This change in the revenue requirement and system peak assumption results in PPL Electric's transmission rate going from \$106,855 MW/yr to \$89,610 MW/yr as shown in Row 28.

The "TSC Trend" and "Bill Calcs" tab provide the impact to the TSC rate and customer bills using the estimated transmission rate of \$89,610 MW/yr. Depending on the customer rate class, and whether they are shopping or not, customers stand to realize a reduction in the transmission service charge between 12.15% to 37.9%

Table for Inclusion in Response TUS A-7
PPL Electric

15-Aug-25

	Current Rate As of June 12, 2025	\$3.4M Capital Investment + 1.440 GW Increase	Difference
Residential (\$/kWh)	\$ 0.03324	\$ 0.02816	\$ 0.00508
Small Commercial & Industrial (SC&I) (\$/kWh)	\$ 0.03158	\$ 0.02735	\$ 0.00423
Large Commercial & Industrial-Primary (LC&I-P) (\$/kW)	\$ 21.35000	\$ 19.65600	\$ 1.69400
Large Commercial & Industrial-Transmission (LC&I-T) (\$/kW)	\$ 56.37800	\$ 54.84500	\$ 1.53300

FERC Formula Rate and Transmission Service Charge Analysis

Prepared on August 19, 2025

Capital Investment	Current Rate As of June 12, 2025	\$3.4M Capital Investment + 1.440 GW Increase	Difference
FFR Impact			
Revenue Requirement	\$ 797,094,549	\$ 797,494,304	
1 CP Peak	7,460	8,900	
Rate (\$/MW-Year)	\$ 106,855	\$ 89,610	
TSC Impact			
NITS Rate (\$/MWD)	\$ 297.59	\$ 250.47	
TSC Rate - Assuming that additional load is shopping			
NITS Cost Allocated to Customer Groups			
Res	\$ 227,105,082	\$ 191,101,229	
SC&I	44,656,802	37,577,185	
LC&I-P	5,863,760	4,934,155	
LC&I-T	628,260	528,659	
Total	\$ 278,253,905	\$ 234,141,229	
Allocation of Demand Costs(including NITS)			
Res	80.50%	80.50%	
SC&I	17.02%	17.02%	
LC&I-P	2.24%	2.24%	
LC&I-T	0.24%	0.24%	
Total	100.00%	100.00%	
Other Expenses			
Res	\$ 13,165,251	\$ 13,165,251	
SC&I	9,262,481	9,262,481	
LC&I-P	6,121,757	6,121,757	
LC&I-T	3,125,290	3,125,290	
Total	\$ 31,674,780	\$ 31,674,780	
Total TSC Revenue Requirement			
Res	\$ 240,270,334	\$ 204,266,480	\$ (36,003,853)
SC&I	\$ 53,919,284	\$ 46,839,667	
LC&I-P	\$ 11,985,517	\$ 11,055,913	
LC&I-T	\$ 3,753,550	\$ 3,653,950	\$ (99,601)
Total	\$ 309,928,685	\$ 265,816,009	\$ (44,112,675)
Billing Determinant			
Res (kWh)	7,707,936,402	7,707,936,402	
SC&I (kWh)	1,820,182,652	1,820,182,652	
LC&I-P (Billing Demand kW)	597,748	597,748	
LC&I-T (PLC MW)	70.8	70.8	
PPL Electric TSC Rate as of August 2025			
Residential (\$/kWh)	\$ 0.03324	\$ 0.02816	\$ (0.01)
Small Commercial & Industrial (SC&I) (¢)	\$ 0.03158	\$ 0.02735	\$ (0.00)
Large Commercial & Industrial-Primary	\$ 21.350	\$ 19.656	\$ (1.69)
Large Commercial & Industrial-Transmi	\$ 56.378	\$ 54.845	\$ (1.53)
Residential Customer Bill Impact (Variances vs Oct 1, 2024 Pricing)			
Res TSC Bill	\$ 33.24	\$ 28.16	
Generation Component	\$ 91.66	\$ 91.66	
STAS E&T	\$ 0.00	\$ 0.00	
Price To Compare Total	\$ 124.90	\$ 119.82	
Distribution Portion of Bill	\$ 66.59	\$ 66.59	
Total Bill	\$ 191.49	\$ 186.41	
% Difference vs Current		-2.65%	
\$ Difference vs Current	\$	(5.08)	
TSC Decrease %		-15.28%	
TSC Decrease \$	\$	(5.08)	
PTC Decrease %		-4.07%	
PTC Decrease \$	\$	(5.08)	

FFR Analysis

PA FERC Formula Rate Sensitivity

Prepared on August 19, 2025

	Rate as of January 1, 2025 for the Period January 1, 2025 through December 31, 2025	\$3.4M Capital Investment + 1.440 GW Increase
Total Plant In Rate Base	8,849,909,432	3,400,000
Total Accumulated Depreciation	(1,105,927,805)	(80,952)
ADIT	(1,180,228,594)	(55,048)
Other	9,133,320	-
Rate Base	6,572,886,354	3,264,000
Debt %	44.0%	44.1%
Equity %	56.0%	55.9%
Cost of Debt	4.74%	3.83%
Common Cost	10.50%	10.5%
Rate of Return	7.97%	7.56%
Investment Return	523,716,177	246,795
State & Fed Tax	27.31%	27.31%
T / (1-T)	37.57%	37.57%
Income Tax Component	145,325,903	72,007
Depreciation Expense	178,871,247	80,952
Rev Req Impact		399,755
Total Rev Req	797,094,549	797,494,304
1 CP Peak	7,459.6	8,899.6
PPL Electric Rate (\$/MW-Year)	\$ 106,855	\$ 89,610
Variance to current rate		\$ (17,245)
% Variance to current rate		-16.1%
AE Coop	\$ 392	\$ 392
UGI (as of 5/15/2025)	\$ 1,531	\$ 1,531
PPL Zone NITS Charge (\$/MWD)	\$ 297.2077	\$ 250.0902
Variance to prior rate		\$ (17,245)
% Variance to prior rate		-16.1%

August 1, 2025 Bill Calcs

Tariff Schedule	RS	GS1	GS3
Kwh	1,000	1,000	15,000
KW	0	4	75
ICAP	0	0	0
Customer			
Base Distr	14.09	22.00	60.00
SMR2	1.50	3.03	3.03
CER	(0.01)	(0.01)	(0.01)
SDER (Cust)	-	-	-
Variable			
Base Distr	35.34	17.44	298.88
ACR4	2.20	1.66	24.90
SDER (variable)	1.84	0.92	13.80
USR	11.11	-	-
	66.07	45.04	400.60
TCJA	-8.0% (3.95)	(3.16)	(28.71)
DSIC	7.5% 4.66	3.14	27.89
	66.78	45.03	399.78
STAS D	-0.28% (0.187000)	(0.126100)	(1.119400)
Total Distribution	66.59	44.90	398.66
Energy	91.66	89.56	1,343.40
Transmission	33.24	31.58	473.70
STAS E&T	0.001249	0.001211	0.018171
Total Bill Per Month	191.49	166.04	2,215.77
PTC	124.90	121.14	1,817.12

Non-Shopping, 1GW Increase, \$100M Investment

RS	GS1	GS3
1,000	1,000	15,000
0	0	0
0	0	0
14.09	22.00	60.00
1.50	3.03	3.03
(0.01)	(0.01)	(0.01)
-	-	-
35.34	17.444	298.875
2.2	1.66	24.9
1.84	0.92	13.80
11.11	0	0
66.07	45.04	400.60
(3.95)	(3.16)	(28.71)
4.66	3.14	27.89
66.78	45.03	399.78
(0.187000)	(0.126100)	(1.119400)
66.59	44.90	398.66
91.66	89.56	1,343.40
28.88	19.61	294.15
0.001205	0.001092	0.016376
187.13	154.07	2,036.22
120.54	109.17	1,637.57

Shopping, 1GW Increase, \$100M Investment

RS	GS1	GS3
1,000	1,000	15,000
0	0	0
0	0	0
14.09	22.00	60.00
1.50	3.03	3.03
(0.01)	(0.01)	(0.01)
-	-	-
35.34	17.444	298.875
2.2	1.66	24.9
1.84	0.92	13.80
11.11	0	0
66.07	45.04	400.60
(3.95)	(3.16)	(28.71)
4.66	3.14	27.89
66.78	45.03	399.78
(0.187000)	(0.126100)	(1.119400)
66.59	44.90	398.66
91.66	89.56	1,343.40
29.20	19.84	297.60
0.001209	0.001094	0.016410
187.45	154.30	2,039.67
120.86	109.40	1,641.02

RS	GS1	GS3
-13.12%	-37.90%	-37.90%
\$ (4.36)	\$ (11.97)	\$ (179.55)
-2.28%	-7.21%	-8.10%
\$ (4.36)	\$ (11.97)	\$ (179.55)
-3.49%	-9.88%	-9.88%
\$ (4.36)	\$ (11.97)	\$ (179.55)

RS	GS1	GS3
-12.15%	-37.18%	-37.18%
\$ (4.04)	\$ (11.74)	\$ (176.10)
-2.11%	-7.07%	-7.95%
\$ (4.04)	\$ (11.74)	\$ (176.10)
-3.23%	-9.69%	-9.69%
\$ (4.04)	\$ (11.74)	\$ (176.10)

TSC Decrease %			
TSC Decrease \$			
Total Bill Decrease %			
Total Bill Decrease \$			
PTC Decrease %			
PTC Decrease \$			

WITNESS: Joseph B. Lookup

**PPL Electric Utilities Corporation
Response to the Set I Data Requests of the
Bureau of Technical Utility Services
A-2025-3056806 and P-2025-3056867
Dated September 22, 2025**

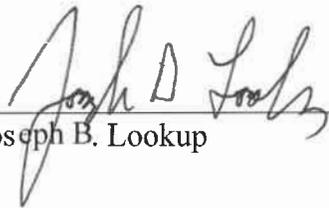
Q. A-19. Reference TUS Data Requests, Response to A-11. Please provide a copy of the Electric Service Agreement.

A. A-19. Please refer to **CONFIDENTIAL** Attachment-19

VERIFICATION

I, JOSEPH B. LOOKUP, being the Vice President – Transmission & Distribution Planning and Asset Management at PPL Services Corporation, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect PPL Electric Utilities Corporation to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.

Date: September 24, 2025



Joseph B. Lookup