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E-FILE

December 1, 2021

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**Re: PPL Electric Utilities Corporation
Calculation and Supplement No. 327 to Tariff – Electric
PA. P.U.C. No. 201 for the Transmission Service Charge
Docket No.**

Dear Ms. Chiavetta:

Enclosed for filing on behalf of PPL Electric Utilities Corporation (“PPL Electric”) is the Calculation and Supplement No. 327 to PPL Electric’s Tariff – Electric Pa. P.U.C. No. 201 for the Transmission Service Charge (“TSC”). This interim rate calculation of the TSC, for the period January 1, 2022 through May 31, 2022 is being filed pursuant to the procedures set forth in PPL Electric’s Tariff – Electric Pa. P.U.C. No. 21.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on December 1, 2021, which is the date it was filed electronically using the Commission’s E-Filing System.

If you have any questions regarding the enclosed filing, please call me or Scott R. Koch, PPL Electric’s Rates & Revenue Manager, at (610) 774-2070.

Respectfully submitted,

Kimberly A. Klock

Enclosures

cc via email: Darryl Lawrence, Esquire
Rick Kanaskie, Esquire

Steven Gray, Esquire
Ms. Lori Burger

PPL ELECTRIC UTILITIES CORPORATION

**CALCULATION OF THE
TRANSMISSION SERVICE CHARGE**

For the Application Period January 1, 2022 through May 31, 2022

Docket No.

December 1, 2021

PPL ELECTRIC UTILITIES CORPORATION
COMPUTATION OF PROPOSED TRANSMISSION SERVICE CHARGE
COMPUTATION PERIOD: JANUARY 1, 2021 THROUGH MAY 31, 2022

Line No.	Total	Residential	Small Commercial & Industrial	Large Commercial & Industrial - Primary	Large Commercial & Industrial - Transmission	
1		(A)	(A)	(B)	(B)	
2						
2	TCd = Total Demand-related Portion of Projected PJM-Billed Transmission Service Expenses (Schedule B)	\$ 96,859,323	\$ 77,710,235	\$ 16,931,010	\$ 1,937,186	\$ 280,892
3	TCe = Total Energy-related Portion of Projected PJM-Billed Transmission Service Expenses (Schedule B)	131,511	131,511	-	-	-
3A	Total Directly Assignable PJM Expenses - Residential only (Schedule B-1)	2,287,823	2,287,823	-	-	-
3B	Net Metering Expenses (Schedule B)	934,672	-	178,158	756,514	-
4	E = Experienced Net Over/(Under) Collections, Including Interest and Audit Adjustment (C), Net Prior Period Remaining Balance	7,941,219	9,934,917	(1,569,022)	(451,227)	26,551
5	Net Over(Under) Collection Amount	7,941,219	9,934,917	(1,569,022)	(451,227)	26,551
5A	Refund with Interest (D)	(25,508,411)	(20,465,399)	(4,458,870)	(510,168)	(73,974)
6	Total Amount to be Recovered (Line 2 plus Line 3 plus Line 3A plus Line 3B less Line 5 plus Line 5A)	\$ 66,763,699	\$ 49,729,253	\$ 14,219,320	\$ 2,634,759	\$ 180,367
7	Total Amount to be Recovered, Including MFC (Line 6 times MFC)	\$ 67,972,374	\$ 50,905,151	\$ 14,252,096	\$ 2,634,759	\$ 180,367
8	S = Projected Total Retail KWH Sales to Customers	4,434,364,533	3,577,652,903	776,657,676	69,943,455	10,110,499
9	Billing Demand kW			218,307		
10	Peak Load Contribution (MW)					35.1
11	Merchant Function Charge Factor (MFC)					
	Residential	1/(1 - .0231) =	1.023646			
	Small Commercial & Industrial	1/(1 - .0023) =		1.002305		
12	$\frac{1}{(1 - T)}$ = (T = 5.9% Gross Receipts Tax)	x	1.062699			
13	TSC = Transmission Service Charge (\$/ KWH)					
	Energy Rate (\$/KWH) (w/o GRT)		\$ 0.01423	\$ 0.01835	\$ -	\$ -
	Demand Rate (\$/kW) (w/o GRT)				\$ 12.069	\$ 5.139
	Energy Rate (\$/KWH) (w/ GRT)		\$ 0.01512	\$ 0.01950	\$ -	\$ -
	Demand Rate (\$/kW) (w/ GRT)				\$ 12.826	\$ 5.461
	(A) TSC=[TCe/S + TCd/S - E/S] x 1/(1-T)					
	(B) TSC=TSCd + TSCe					
	TSCd=[TCd/D] x 1/(1-T)					
	TSCe=[TCe/S-E/S] x 1/(1-T)					
	(C) Schedule 1 of the Transmission Service Charge Reconciliation Report					
	(D) Refund with interest per FERC Order issued on November 5, 2021 at Docket No. ER21-2724.					

PPL ELECTRIC UTILITIES CORPORATION
Projected January 2021 - May 2022 PJM-Billed Transmission Service Expenses by Month and Net Metering Expenses

Line No.	Description	January 2022	February 2022	March 2022	April 2022	May 2022	Total
Demand Components							
1	Network Transmission Service Charge	16 \$ 18,853,762	\$ 17,029,205	\$ 18,853,762	\$ 18,245,576	\$ 18,853,762	\$ 91,836,067
2	Network Transmission Service Charge - Call Option	-	-	-	-	-	-
3	Seams Elimination Cost Assignment - SECA Charge/SECA Call Option	-	-	-	-	-	-
4	Reactive Supply and Voltage Control from Generation Sources Service	1 -	-	-	-	-	-
5	Black Start Service	2 -	-	-	-	-	-
6	Transmission Losses (Point-to-Point) Credits	-	-	-	-	-	-
7	Non-Firm Point-to-Point Transmission Service Credits	15 (\$13,639)	(\$13,639)	(\$13,639)	(\$13,639)	(\$13,639)	(\$68,195)
8	Transmission Enhancement Charges	3 1,016,492	1,016,492	1,016,492	1,016,492	1,016,492	5,082,460
9	Reactive Services	17 -	-	-	-	-	-
10	PJM Schedule 13 Expansion Cost Recovery Mechanism	4 -	-	-	-	-	-
11	PJM Defaults	\$927	\$927	\$927	\$927	\$927	\$4,635
12	Deferred Tax	\$872	\$872	\$872	\$872	\$872	\$4,360
	Total Demand Components	19,858,413	18,033,856	19,858,413	19,250,228	19,858,413	96,859,323
Energy Components							
12	Reliability First Corporation Charge (RFC)	14 \$1,004	\$907	\$1,004	\$971	\$1,004	\$4,890
13	PJM System Control and Dispatch Service	11 \$13,456	\$12,154	\$13,456	\$13,022	\$13,456	\$65,544
14	Transmission Owner Scheduling, System Control and Dispatch Service	12 \$2,370	\$2,140	\$2,370	\$2,293	\$2,370	\$11,543
15	Regulation and Frequency Response Service	13 \$4,265	\$3,853	\$4,265	\$4,128	\$4,265	\$20,776
16	Operating Reserve - Supplemental Reserve Service	-	-	-	-	-	\$0
17	Day Ahead	5 \$610	\$551	\$610	\$591	\$610	\$2,972
18	Real Time (Balancing)	6 \$1,986	\$1,794	\$1,986	\$1,922	\$1,986	\$9,674
19	Synchronous Condensing Charge	7 \$0	\$0	\$0	\$0	\$0	\$0
20	Operating Reserve - Synchronous Reserve	8 \$1,731	\$1,564	\$1,731	\$1,675	\$1,731	\$8,432
21	Non-Synchronized Reserves (OATT Schedule x)	\$594	\$537	\$594	\$575	\$594	\$2,894
22	Consumer Advocates of PJM States, Inc.	\$23	\$21	\$23	\$22	\$23	\$112
23	North American Electric Reliability Corporation Charge (NERC)	9 \$654	\$591	\$654	\$633	\$654	\$3,186
24	Day Ahead Scheduling Charge	10 \$304	\$275	\$304	\$294	\$304	\$1,481
	Total Energy Components	\$26,999	\$24,386	\$26,999	\$26,128	\$26,999	\$131,511
	Total Demand and Energy Components	\$ 19,885,412	\$ 18,058,242	\$ 19,885,412	\$ 19,276,354	\$ 19,885,412	\$ 96,990,834
		Total 2021-2022	Factors				
Demand Expense Allocation							
25	Residential	\$ 77,710,235	80.23%				
26	Small Commercial & Industrial	16,931,010	17.48%				
27	Large Commercial & Industrial - Primary	1,937,186	2.00%				
28	Large Commercial & Industrial - Transmission	280,892	0.29%				
	Total	\$ 96,859,323	100.00%				
Energy Expense Allocation							
29	Residential	\$ 131,511	100.00%				
30	Small Commercial & Industrial	-	0.00%				
31	Large Commercial & Industrial - Primary	-	0.00%				
32	Large Commercial & Industrial - Transmission	-	0.00%				
	Total	\$ 131,511	100.00%				
Total Expense Allocation							
33	Residential	\$ 77,841,746					
34	Small Commercial & Industrial	16,931,010					
35	Large Commercial & Industrial - Primary	1,937,186					
36	Large Commercial & Industrial - Transmission	280,892					
	Total	\$ 96,990,834					
Net Metering Expense Allocation							
37	Residential	\$ -					
38	Small Commercial & Industrial	178,158					
39	Large Commercial & Industrial - Primary	756,514					
40	Large Commercial & Industrial - Transmission	-					
	Total	\$ 934,672					

PPL ELECTRIC UTILITIES CORPORATION
Projected January 2021 - May 2022 Directly Assignable PJM Expenses by Month

Residential Only

Line No.	Description	January 2022	February 2022	March 2022	April 2022	May 2022	Total
1	Directly Assignable PJM Expenses	\$ 468,467	\$ 427,583	\$ 468,467	\$ 454,839	\$ 468,467	\$ 2,287,823



PPL Electric Utilities Corporation

GENERAL TARIFF

RULES AND RATE SCHEDULES FOR ELECTRIC SERVICE

In the territory listed on pages 4, 4A, and 4B
and in the adjacent territory served.

ISSUED: December 1, 2021

EFFECTIVE: January 1, 2022

STEPHANIE R. RAYMOND, PRESIDENT

Two North Ninth Street
Allentown, PA 18101-1179

NOTICE

THIS TARIFF MAKES CHANGES (c) IN EXISTING RATES. SEE PAGE TWO.

LIST OF CHANGES MADE BY THIS SUPPLEMENT

CHANGES:

Transmission Service (TSC)

Page No. 19Z.1A

The charges under the TSC are set forth for the period January 1, 2022 through May 31, 2022.

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TRANSMISSION SERVICE CHARGE (CONTINUED)

TRANSMISSION SERVICE CHARGE

(C)

Charges under the TSC for the period January 1, 2022 through May 31, 2022 as set forth in the applicable Rate Schedules.

Customer Class	Large C&I - Transmission	Large C&I - Primary	Small C&I	Residential
Rate Schedule / Charge	L5S, LP-5, and LPEP	LP-4	GS-1, GS-3, BL, and GH-2 (R)	RS and RTS (R)
Energy Rate (\$/kWh)			0.01950 (D)	0.01512 (D)
Demand Rate (\$/kW)	5.461 (D)	12.826 (D)		

Small C&I – Street Lights										
Rate Schedule/ Charge	SA		SM (R)		SHS		SLE		SE	TS (R)
	Nominal Lumens	Charge	Nominal Lumens	\$/Lamp	Nominal Lumens	\$/Lamp	Nominal Lumens	\$/Fixture	\$/KWH	\$/Watt
	HPS 9,500	1.279 \$/Lamp	3,350	0.957	5,800	0.581	2,600	0.252	0.01950	0.01425
6,650			1.496	9,500	0.833	3,300	0.366			
10,500			2.090	16,000	1.225	3,800	0.370			
LED 4,300		0.300 \$/Fixture	20,000	3.311	25,500	2.209	4,900	0.506		
			34,000	5.645	50,000	3.467	7,500	0.646		
			51,000	7.802			15,000	1.205		
						20,000	1.869			

(D) Indicates Decrease **(I)** Indicates Increase **(C)** Indicates Change