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E-FILE

May 11, 2016

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

**Re: PPL Electric Utilities Corporation
Updated Calculation and Page No. 19Z.1A of Supplement No. 206 to Tariff – Electric
PA. P.U.C. No. 201 for the Transmission Service Charge
Docket No. M-2016-2542999**

Dear Ms. Chiavetta:

Enclosed for filing on behalf of PPL Electric Utilities Corporation ("PPL Electric") is the Updated Calculation and Page No. 19Z.1A of Supplement No. 206 to PPL Electric's Tariff – Electric Pa. P.U.C. No. 201 for the Transmission Service Charge ("TSC"). This rate calculation of the TSC, for the period June 1, 2016 through May 31, 2017, is being filed pursuant to the procedures set forth in PPL Electric's Tariff - Electric Pa. P.U.C. No. 201.

PPL Electric's updated TSC is being filed to reflect a change in the Network Transmission Service charge expenses.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on May 11, 2016, 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 Bethany L. Johnson, PPL Electric's Manager-Regulatory Operations at (610) 774-7011.

Very truly yours,

Paul E. Russell

Enclosures

cc via email only: Mr. Dennis P. Hosler
Tanya J. McCloskey, Esquire
Ms. Lori Burger
Steven C. Gray, Esquire
J. Edward Simms, Esquire

PPL ELECTRIC UTILITIES CORPORATION
UPDATED CALCULATION OF 2016-2017
TRANSMISSION SERVICE CHARGE

For the Application Period June 1, 2016 through May 31, 2017

Docket No. M-2016-2542999

May 11, 2016

PPL ELECTRIC UTILITIES CORPORATION
COMPUTATION OF PROPOSED TRANSMISSION SERVICE CHARGE
COMPUTATION PERIOD: JUNE 1, 2016 THROUGH MAY 31, 2017 (Updated)

Line No.	Total	Residential (A)	Small Commercial & Industrial (A)	Large Commercial & Industrial - Primary (B)	Large Commercial & Industrial - Transmission (B)
1					
2	\$ 104,189,920	\$ 89,092,801	\$ 14,128,153	\$ 968,966	\$ -
3	506,224	506,224	-	-	-
3A	-	-	-	-	-
4	(11,184,582)	(7,787,690)	(2,537,960)	(843,610)	(15,322)
5	(11,184,582)	(7,787,690)	(2,537,960)	(843,610)	(15,322)
6	\$ 115,980,726	\$ 97,386,715	\$ 16,666,113	\$ 1,812,576	\$ 15,322
7	\$ 118,221,948	\$ 99,689,521	\$ 16,704,528	\$ 1,812,576	\$ 15,322
8	8,480,250,819	6,793,403,138	1,459,027,780	201,917,685	26,902,216
9				607,432	
10					1.2
11		1,023,646	1,002,305		
12					
13					

$\frac{1}{(1-T)}$ = (T = 5.9% Gross Receipts Tax) x
 1/(1 - .0231) = 1.023646
 1/(1 - .0023) = 1.002305
 TSC = Transmission Service Charge (\$/ KWH)
 Energy Rate (\$/KWH) (w/o GRT)
 Demand Rate (\$/kW) (w/o GRT)
 Energy Rate (\$/KWH) (w/ GRT)
 Demand Rate (\$/kW) (w/ GRT)
 (A) $TSC = [TCe/S + Tcd/S - E/S] \times 1/(1-T)$
 (B) $TSC = TSCd + TSCe$
 $TSCd = [TCd/D] \times 1/(1-T)$
 $TSCe = [TCe/S - E/S] \times 1/(1-T)$
 (C) Schedule 1 of the Transmission Service Charge Reconciliation Report
 (D) Schedule 7 of the Transmission Service Charge Reconciliation Report

PPL ELECTRIC UTILITIES CORPORATION
 Projected June 2016 - May 2017 PJM-Billed Transmission Service Expenses by Month

Line No.	Description	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	Total
General Components														
16	Network Transmission Service Charge	\$8,134,763	\$8,405,921	\$8,405,921	\$8,134,763	\$8,405,921	\$8,134,763	\$8,405,921	\$8,405,921	\$6,160,879	\$6,820,973	\$6,800,941	\$6,820,973	\$91,252,712
1	Network Transmission Service Charge - Call Option	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Network Transmission Service Charge - SECA Charge/SECA Call Option	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Seams Elimination Cost Assignment - SECA Charge/SECA Call Option	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Reactive Supply and Voltage Control from Generation Sources Service	10,562	10,562	10,562	10,562	10,562	10,562	10,562	11,509	11,509	11,509	11,509	11,509	131,479
5	Black Start Service	56	56	56	56	56	56	56	61	61	61	61	61	687
6	Transmission Losses (Point-to-Point) Credits	(\$13,212)	(\$13,652)	(\$13,652)	(\$13,212)	(\$13,652)	(\$13,212)	(\$13,652)	(\$13,652)	(\$12,331)	(\$13,652)	(\$13,212)	(\$13,652)	(\$160,743)
7	Non-Firm Point-to-Point Transmission Service Credits	\$1,102,884	\$1,102,884	\$1,102,884	\$1,102,884	\$1,102,884	\$1,102,884	\$1,102,884	\$1,034,981	\$1,034,981	\$1,034,981	\$1,034,981	\$1,034,981	\$12,985,073
8	Transmission Enhancement Charges	\$181	\$181	\$181	\$181	\$181	\$181	\$181	\$181	\$181	\$181	\$181	\$181	2,172
9	Reactive Services	\$6,188	\$6,188	\$6,188	\$6,188	\$6,188	\$6,188	\$6,188	\$6,188	\$5,029	\$5,029	\$5,029	\$5,029	\$68,531
10	PJM Schedule 13 Expansion Cost Recovery Mechanism	\$241,442	\$241,442	\$241,442	\$241,442	\$241,442	\$241,442	\$241,442	\$241,442	\$200,309	\$241,442	\$241,442	\$241,442	\$2,838,921
11	Total Demand Components	\$9,241,442	\$9,512,160	\$9,512,160	\$9,241,442	\$9,512,160	\$9,241,442	\$9,512,160	\$9,512,160	\$7,200,309	\$7,859,082	\$7,859,490	\$7,859,082	\$104,189,921
Energy Components														
12	Reliability First Corporation Charge (RFC)	\$13,766	\$14,225	\$14,225	\$13,766	\$14,225	\$13,766	\$14,225	\$14,225	\$12,848	\$14,225	\$13,766	\$14,225	\$167,487
13	PJM System Control and Dispatch Service	\$2,455	\$2,537	\$2,537	\$2,455	\$2,537	\$2,455	\$2,537	\$2,537	\$2,292	\$2,537	\$2,455	\$2,537	\$29,871
14	Transmission Owner Scheduling, System Control and Dispatch Service	\$9,473	\$9,788	\$9,788	\$9,473	\$9,788	\$9,473	\$9,788	\$9,788	\$8,841	\$9,788	\$9,473	\$9,788	\$115,249
15	Regulation and Frequency Response Service	\$4,432	\$4,580	\$4,580	\$4,432	\$4,580	\$4,432	\$4,580	\$4,580	\$4,137	\$4,580	\$4,432	\$4,580	\$53,925
16	Operating Reserve - Supplemental Reserve Service	\$2,286	\$2,342	\$2,342	\$2,286	\$2,342	\$2,286	\$2,342	\$2,342	\$2,115	\$2,342	\$2,286	\$2,342	\$27,573
17	Day Ahead	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$12
18	Real Time (Balancing)	\$6,000	\$6,200	\$6,200	\$6,000	\$6,200	\$6,000	\$6,200	\$6,200	\$5,600	\$6,200	\$6,000	\$6,200	\$73,000
19	System Control - Synchronous Reserve	\$793	\$819	\$819	\$793	\$819	\$793	\$819	\$819	\$740	\$819	\$793	\$819	\$9,645
20	Operating Reserve - Synchronous Reserve	\$117	\$121	\$121	\$117	\$121	\$117	\$121	\$121	\$109	\$121	\$117	\$121	\$1,424
21	Non-Synchronized Reserves (OATT Schedule x)	\$2,305	\$2,381	\$2,381	\$2,305	\$2,381	\$2,305	\$2,381	\$2,381	\$2,151	\$2,381	\$2,305	\$2,381	\$28,038
22	Michigan-Ohio Interface PAR	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$19,680
23	North American Electric Reliability Corporation Charge (NERC)	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$19,680
24	Day Ahead Scheduling Charge	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$1,608	\$19,680
25	Total Energy Components	\$9,283,050	\$9,555,154	\$9,555,154	\$9,283,050	\$9,555,154	\$9,283,050	\$9,555,154	\$9,555,154	\$7,239,143	\$7,802,076	\$7,881,098	\$7,802,076	\$104,696,145
Demand Expense Allocation														
23	Residential	\$8,029,801	85.51%											
24	Small Commercial & Industrial	14,128,153	15.28%											
25	Large Commercial & Industrial - Primary	868,966	0.93%											
26	Large Commercial & Industrial - Transmission	-	0.00%**											
	Total	104,189,920	100.000%											
Energy Expense Allocation:														
27	Residential	595,224	100.00%											
28	Small Commercial & Industrial	-	0.00%											
29	Large Commercial & Industrial - Primary	-	0.00%											
30	Large Commercial & Industrial - Transmission	-	0.00%											
	Total	595,224	100.00%											
Total Expense Allocation														
31	Residential	89,599,025												
32	Small Commercial & Industrial	14,128,153												
33	Large Commercial & Industrial - Primary	868,966												
34	Large Commercial & Industrial - Transmission	-												
	Total	104,696,144												

** Percentage of 0.0042% is calculated but is rounded to 2 decimals for ratemaking purposes. The amount calculated using the full percentage would be \$4,343.

PPL ELECTRIC UTILITIES CORPORATION
 Projected June 2016 - May 2017 Directly Assignable PJM Expenses by Month

Residential Only

Line No.	Description	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	Total
1	Directly Assignable PJM Ancillary Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TRANSMISSION SERVICE CHARGE (CONTINUED)

TRANSMISSION SERVICE CHARGE

(C)

Charges under the TSC for the period June 1, 2016 through May 31, 2017 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)			0.01218 (I)	0.01559 (I)
Demand Rate (\$/kW)	13.569 (I)	3.171 (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	0.799 \$/Lamp	3,350	0.598	5,800	0.363	2,600	0.157	0.01218	0.00890
6,650			0.934	9,500	0.520	3,300	0.229			
10,500			1.306	16,000	0.765	3,800	0.231			
0.188 \$/Fixture		20,000	2.068	25,500	1.380	4,900	0.316			
		34,000	3.526	50,000	2.166	7,500	0.403			
		51,000	4.873			15,000	0.753			
						20,000	1.167			

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