



An Exelon Company

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November 15, 2016

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265

SUBJECT: Transmission Service Charge (TSC) Semiannual Adjustment,
PECO Energy Electric Tariff No. 5, Supplement No. 26,
Effective December 1, 2016, Docket No. R-2010-2161575

Dear Secretary Chiavetta:

This filing contains PECO's semiannual adjustment to the Transmission Service Charge (TSC), effective December 1, 2016. This filing is being made in accordance with PECO's Tariff approved in Docket No. R-2010-2161575.

The following attachments are included in support of this filing:

- Attachment 1 – Revised tariff pages for TSC;
- Attachment 2 – TSC Calculation for Residential Rates R & RH;
- Attachment 3 – TSC Calculation for C&I Rate GS;
- Attachment 4 – TSC Calculation for C&I Rates HT, PD, EP;
- Attachment 5 – TSC Calculation for Street Lighting Rates SLE, SLS, POL, AL, TLCL.

Thank you for your assistance in this matter. Please direct any questions regarding the above to Richard Schlesinger, Manager, Retail Rates at (215) 841-5771.

Sincerely,

Richard G. Webster, Jr. /RAS

Copies to: C. Walker-Davis, Director, Office of Special Assistants
P. T. Diskin, Director, Bureau of Technical Utility Services
D.P. Hosler, Director, Bureau of Audits
R. A. Kanaskie, Director, Bureau of Investigation & Enforcement
Office of Consumer Advocate
Office of Small Business Advocate
McNees, Wallace & Nurick

ATTACHMENT 1

PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19101

For List of Communities Served, See Page 4.

Issued November 15, 2016

Effective December 1, 2016

**ISSUED BY: C. L. Adams – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19101**

NOTICE

LIST OF CHANGES MADE BY THIS SUPPLEMENT

Transmission Service Charge – 2nd Revised Page No. 40

Reflects semiannual adjustment for Transmission Service Charge pursuant to Order at Docket No. R-2010-2161575.

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TRANSMISSION SERVICE CHARGE

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 \$363 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, 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= \$.00580 per kilowatthour	(D)
RH= \$.00580 per kilowatthour	(D)
Small C&I = \$1.46 per billed kW	(I)
Large C&I = \$0.67 per billed kW	(D)
Street Lighting = \$.00076 per kilowatt hour	(I)

(D) Denotes Decrease
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PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

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PECO Energy Distribution Company
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NOTICE

PECO Energy Company

Supplement No. 2~~5~~ to
Tariff Electric Pa. P.U.C. No. 5
Twenty-Sixth Revised Page No. 1
Supersedes Twenty-Fifth Revised Page No. 1

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LIST OF CHANGES MADE BY THIS SUPPLEMENT

Transmission Service Charge – 2nd Revised Page No. 40

Reflects semiannual adjustment for Transmission Service Charge pursuant to Order at Docket No. R-2010-2161575.

- Deleted: Non-Bypassable Transmission Charge (NBT) – 2nd Revised Page No. 41**
Reflects semi-annual changes to NBT rates.¶
- Deleted: Rate R - Residence Service - 8th Revised Page No. 48**
The Variable Distribution Service Charge is decreased to a change in the Non-Bypassable Transmission Charge (NBT).¶
¶
- Rate RH - Residential Heating Service - 8th Revised Page No. 49**
The Variable Distribution Service Charge is decreased due to a change in the Non-Bypassable Transmission Charge (NBT).¶
¶
- Rate GS - General Service – 7th Revised Page No. 53**
The Variable Distribution Service Charge is decreased due to a change in the Non-Bypassable Transmission Charge (NBT).¶
¶
- Rate SL-E Street Lighting Customer Owned Facilities – 3rd Revised Page No. 62**
The Variable Distribution Service Charge is increased due to a change in the Non-Bypassable Transmission Charge (NBT).¶
¶
- Rate TLCL - Traffic Lighting Constant Load Service – 3rd Revised Page No. 64**
The Variable Distribution Service Charge is increased due to a change in the Non-Bypassable Transmission Charge (NBT).¶
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- Street Lighting = \$.00076 per kilowatt hour

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(D) Denotes Decrease
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Issued November 15, 2016

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ATTACHMENT 2

**PECO - Electric
December 2016 Transmission Service Charge (TSC)
Semiannual Rate Calculation**

TSC 1: Rates R, RH

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 24,350,579	\$0.00577	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 1,303,169	\$0.00031	p. 3 of 4
b. Interest	\$ 36,342	\$0.00001	p. 4 of 4
	<u>1,339,511</u>	<u>\$0.00032</u>	
(3) Net Recoverable (C - E)	\$ 23,011,068	\$0.00546	
(4) S = Projected Sales (kWh) for Computation Period	4,216,918,513		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) TSC = [(C+E+I)/S]/(1-T)	\$0.00580		

PECO - December 2016 TSC C-Factor Calculation

TSC 1: Rates R, RH

C-Factor Month	Projected Transmission Costs	Projected Default Sales (kWh)
Dec-16 (est)	\$ 4,170,711	766,854,887
Jan-17 (est)	\$ 4,035,974	906,423,784
Feb-17 (est)	\$ 3,766,499	767,647,617
Mar-17 (est)	\$ 4,170,711	706,337,109
Apr-17 (est)	\$ 4,035,974	581,213,028
May-17 (est)	\$ 4,170,711	488,442,087
Total	\$ 24,350,579	4,216,918,513

Estimated Recovery C-Factor \$0.00577 per kWh

ATTACHMENT 3

PECO - Electric
December 2016 Transmission Service Charge (TSC)
Semiannual Rate Calculation

TSC 2: Rate GS

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 5,414,595	\$1.67	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 952,008	\$0.29	p. 3 of 4
b. Interest	\$ <u>20,024</u>	\$0.01	p. 4 of 4
	\$ 972,032	\$0.30	
(3) Net Recoverable (C - E)	\$ 4,442,563	\$1.37	
(4) S = Projected Sales (kW) for Computation Period	3,235,794		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) TSC = [(C+E+I)/S]/(1-T)	\$1.46		

**PECO - December 2016
TSC**

C-Factor Calculation

TSC 2: Rate GS

C-Factor Month	Projected Transmission Costs (1)	Projected Default Sales (kW) (2)
Dec-16 (est)	\$ 927,399	581,867
Jan-17 (est)	\$ 897,439	605,525
Feb-17 (est)	\$ 837,519	554,846
Mar-17 (est)	\$ 927,399	542,966
Apr-17 (est)	\$ 897,439	491,517
May-17 (est)	\$ 927,399	459,073
Total	\$ 5,414,595	3,235,794

Estimated Recovery C-Factor \$1.67 per kW

**PECO - December 2016
TSC
E-Factor Calculation**

TSC 2: Rate GS

E-Factor Period	Actual TSC Costs (1)	Actual Default Sales (kW) (2)	C-Factor Rate (3)	C-Factor Revenue (b) (4)	NSPL AVE MW (5)	Working Capital (a) \$28.47 per MW/mo (6) = (5) * \$28.47	Adjusted C-Factor Revenue (7) = (4) - (6)	C-Factor Over/(Under) Recovery (8) = (7) - (1)	E-Factor Rate (9)	E-Factor Revenue (b) (10)	Total Collected Revenue (11) = (10) + (7)	Over/(Under) Recovery (12) = (11) - (1)	Cumulative Over/(Under) Recovery (13)
Dec-15	\$ 1,220,886	653,447	1.94	\$ 1,268,325	689	\$ 9,200	\$ 1,259,125	\$ 38,240	0.04	\$ 28,404	\$ 1,287,530	\$ 66,644	\$ (301,931)
Jan-16	\$ 998,327	710,160	1.94	\$ 1,378,405	563	\$ 16,034	\$ 1,362,370	\$ 364,043	0.04	\$ 30,870	\$ 1,393,240	\$ 394,913	\$ (235,287)
Feb-16	\$ 926,978	692,562	1.94	\$ 1,344,246	559	\$ 15,917	\$ 1,328,329	\$ 401,951	0.04	\$ 30,105	\$ 1,358,434	\$ 431,455	\$ 159,626
Mar-16	\$ 980,652	688,078	1.94	\$ 1,335,544	554	\$ 15,771	\$ 1,319,773	\$ 339,121	0.04	\$ 29,910	\$ 1,349,683	\$ 369,031	\$ 591,081
Apr-16	\$ 939,296	626,049	1.94	\$ 1,215,147	549	\$ 15,620	\$ 1,199,527	\$ 260,231	0.04	\$ 27,213	\$ 1,226,740	\$ 287,444	\$ 960,112
May-16	\$ 952,665	599,965	1.94	\$ 1,164,519	538	\$ 15,326	\$ 1,149,193	\$ 196,527	0.04	\$ 26,080	\$ 1,175,272	\$ 222,607	\$ 1,247,557
Jun-16	\$ 904,857	898,145	1.52	\$ 1,361,757	528	\$ 15,040	\$ 1,346,716	\$ 441,859	(0.36)	\$ (324,574)	\$ 1,022,142	\$ 117,285	\$ 1,587,449
Jul-16	\$ 921,947	684,022	1.52	\$ 1,037,107	521	\$ 14,825	\$ 1,022,282	\$ 100,336	(0.36)	\$ (247,194)	\$ 775,088	\$ (146,858)	\$ 1,440,590
Aug-16	\$ 919,798	703,173	1.52	\$ 1,066,143	520	\$ 14,793	\$ 1,051,350	\$ 131,552	(0.36)	\$ (254,115)	\$ 797,235	\$ (122,563)	\$ 1,318,027
Sep-16	\$ 893,442	697,350	1.52	\$ 1,057,313	522	\$ 14,859	\$ 1,042,454	\$ 149,012	(0.36)	\$ (252,010)	\$ 790,444	\$ (102,998)	\$ 1,215,030
Oct-16	\$ 922,212	619,206	1.52	\$ 938,833	521	\$ 14,830	\$ 924,003	\$ 1,791	(0.36)	\$ (223,770)	\$ 700,232	\$ (221,979)	\$ 993,050
Nov-16 (est)	\$ 919,058	773,257	1.52	\$ 1,172,403	525	\$ 14,946	\$ 1,157,457	\$ 238,399	(0.36)	\$ (279,442)	\$ 878,016	\$ (41,043)	\$ 952,008
													Total Recovery E-Factor \$ 952,008

(a) Effective January 1, 2016, Working Capital is changing from \$356MM to \$363MM. See Docket #R-2015-2468981.
Working Capital / mo = \$363MM * (1-GRT) * 1/12

(b) C Factor and E Factor Revenues are allocated on a percentage basis.

PECO - December 2016 TSC Interest Calculation

TSC 2: Rate GS

E-Factor Period	Actual Sales (kW) (1)	C-Factor Over/(Under) Recovery (2)	Interest Rate (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Factor Rate (6)	Interest Factor Revenues (a) (7)	Total Interest Owed/ (Interest Recouped) (8) = (5) + (7)	Cummulative Interest Owed/ (Interest Recouped) (9)
Balance									
Dec-15	653,447	\$ 38,240	6.0%	9/12	\$ 1,721	\$ 0.00	\$ 696	\$ 2,416	\$ (6,988)
Jan-16	710,160	\$ 364,043	3.5%	8/12	\$ 8,494	\$ 0.00	\$ 756	\$ 9,250	\$ (4,572)
Feb-16	692,562	\$ 401,351	3.5%	7/12	\$ 8,194	\$ 0.00	\$ 737	\$ 8,931	\$ 4,679
Mar-16	688,078	\$ 339,121	3.5%	6/12	\$ 5,935	\$ 0.00	\$ 732	\$ 6,667	\$ 13,610
Apr-16	626,049	\$ 260,231	3.5%	5/12	\$ 3,795	\$ 0.00	\$ 666	\$ 4,461	\$ 20,277
May-16	599,965	\$ 196,527	3.5%	4/12	\$ 2,293	\$ 0.00	\$ 639	\$ 2,932	\$ 24,739
Jun-16	898,145	\$ 441,859	3.5%	9/12	\$ 11,599	\$ (0.01)	\$ (6,094)	\$ 5,505	\$ 33,175
Jul-16	684,022	\$ 100,336	3.5%	8/12	\$ 2,341	\$ (0.01)	\$ (4,641)	\$ (2,300)	\$ 30,875
Aug-16	703,173	\$ 131,552	3.5%	7/12	\$ 2,686	\$ (0.01)	\$ (4,771)	\$ (2,085)	\$ 28,789
Sep-16	697,350	\$ 149,012	3.5%	6/12	\$ 2,608	\$ (0.01)	\$ (4,732)	\$ (2,124)	\$ 26,665
Oct-16	619,206	\$ 1,791	3.5%	5/12	\$ 26	\$ (0.01)	\$ (4,202)	\$ (4,175)	\$ 22,490
Nov-16 (est)	773,257	\$ 238,399	3.5%	4/12	\$ 2,781	\$ (0.01)	\$ (5,247)	\$ (2,465)	\$ 20,024
								Net Interest \$	20,024

(a) Interest Revenues are allocated on a percentage basis.

ATTACHMENT 4

PECO - Electric
December 2016 Transmission Service Charge (TSC)
Semiannual Rate Calculation

TSC 3: Rates HT, PD, EP

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 842,071	\$1.38	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 449,675	\$0.73	p. 3 of 4
b. Interest	\$ 8,449	\$0.01	p. 4 of 4
	\$ 458,124	\$0.75	
(3) Net Recoverable (C - E)	\$ 383,947	\$0.63	
(4) S = Projected Sales (kW) for Computation Period	612,188		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) TSC = [(C+E-I)/S]/(1-T)	\$0.67		

**PECO - December 2016
TSC
C-Factor Calculation**

TSC 3: Rates HT, PD, EP

C-Factor Month	Projected Transmission Costs (1)	Projected Default Sales (kW) (2)
Dec-16 (est)	\$ 144,228	104,628
Jan-17 (est)	\$ 139,569	105,737
Feb-17 (est)	\$ 130,250	108,548
Mar-17 (est)	\$ 144,228	97,820
Apr-17 (est)	\$ 139,569	97,266
May-17 (est)	\$ 144,228	98,188
Total	\$ 842,071	612,188

Estimated Recovery C-Factor \$1.38 per kW

**PECO - December 2016
TSC
E-Factor Calculation**

TSC 3: Rates PD, HT, EP

E-Factor Period	Actual TSC Costs (1)	Actual Default Sales (kW) (2)	C-Factor Rate (3)	C-Factor Revenue (b) (4)	NSPL AVE MW (5)	Working Capital (a) \$28.47 per MW/mo (6) = (5) * \$28.47	Adjusted C-Factor Revenue (7) = (4) - (6)	C-Factor Over/(Under) Recovery (8) = (7) - (1)	E-Factor Rate (9)	E-Factor Revenue (b) (10)	Total Collected Revenue (11) = (10) + (7)	Over/(Under) Recovery (12) = (11) - (1)	Cumulative Over/(Under) Recovery (13)
Balance													
Dec-15	\$ 180,526	109,725	\$ 2.02	\$ 220,854	102	\$ 1,360	\$ 219,494	\$ 38,969	\$ (0.29)	\$ (31,563)	\$ 187,931	\$ 7,405	\$ 183,555
Jan-16	\$ 180,661	127,972	\$ 2.02	\$ 257,581	102	\$ 2,902	\$ 254,680	\$ 74,019	\$ (0.29)	\$ (36,812)	\$ 217,868	\$ 37,207	\$ 190,960
Feb-16	\$ 167,013	110,886	\$ 2.02	\$ 223,191	101	\$ 2,868	\$ 220,324	\$ 53,310	\$ (0.29)	\$ (31,897)	\$ 188,426	\$ 21,413	\$ 228,167
Mar-16	\$ 154,047	103,524	\$ 2.02	\$ 208,372	87	\$ 2,477	\$ 205,894	\$ 51,847	\$ (0.29)	\$ (29,779)	\$ 176,115	\$ 22,068	\$ 249,580
Apr-16	\$ 146,840	97,958	\$ 2.02	\$ 197,169	86	\$ 2,442	\$ 194,728	\$ 47,887	\$ (0.29)	\$ (28,178)	\$ 166,549	\$ 19,709	\$ 271,647
May-16	\$ 149,072	130,865	\$ 2.02	\$ 263,404	84	\$ 2,398	\$ 261,006	\$ 111,934	\$ (0.29)	\$ (37,644)	\$ 223,362	\$ 74,290	\$ 291,356
Jun-16	\$ 142,781	105,074	\$ 2.18	\$ 229,010	83	\$ 2,373	\$ 226,637	\$ 83,856	\$ (0.68)	\$ (71,508)	\$ 155,128	\$ 12,348	\$ 377,994
Jul-16	\$ 144,096	128,483	\$ 2.18	\$ 280,030	81	\$ 2,317	\$ 277,713	\$ 133,617	\$ (0.68)	\$ (87,439)	\$ 190,273	\$ 46,178	\$ 424,171
Aug-16	\$ 141,176	92,665	\$ 2.18	\$ 201,964	80	\$ 2,271	\$ 199,694	\$ 58,518	\$ (0.68)	\$ (63,063)	\$ 136,630	\$ (4,545)	\$ 419,626
Sep-16	\$ 138,519	132,868	\$ 2.18	\$ 289,587	81	\$ 2,304	\$ 287,283	\$ 148,764	\$ (0.68)	\$ (90,423)	\$ 196,860	\$ 58,341	\$ 477,967
Oct-16	\$ 141,976	62,255	\$ 2.18	\$ 135,684	80	\$ 2,283	\$ 133,401	\$ (8,574)	\$ (0.68)	\$ (42,367)	\$ 91,034	\$ (50,942)	\$ 427,025
Nov-16 (est)	\$ 142,931	112,015	\$ 2.18	\$ 244,137	82	\$ 2,324	\$ 241,812	\$ 98,882	\$ (0.68)	\$ (76,232)	\$ 165,581	\$ 22,650	\$ 449,675
													Total Recovery E-Factor \$ 449,675

(a) Effective January 1, 2016, Working Capital is changing from \$356MW to \$363MW. See Docket #R-2015-2468981.

(b) Working Capital / mo = \$363/MW * (1-GRT) * 1/12
(b) C Factor and E Factor Revenues are allocated on a percentage basis.

ATTACHMENT 5

PECO - Electric
December 2016 Transmission Service Charge (TSC)
Semiannual Rate Calculation

TSC 4: Rates SLE, SLS, POL, AL, TLCL

		Amount	\$/kWh
(1)	C = Projected Recoverable Transmission Costs	\$ 6,418	\$0.00081
(2)	E = Experienced & Estimated Net Over/(Under)		
	a. Over/(Under)	\$ 716	\$0.00009
	b. Interest	\$ 14	\$0.00000
		\$ 730	\$0.00009
(3)	Net Recoverable (C - E)	\$ 5,688	\$0.00072
(4)	S = Projected Sales (kWh) for Computation Period	7,954,346	
(5)	T = Pennsylvania gross receipts tax rate	5.90%	
(6)	TSC = [(C+E-I)/SJ](1-T)	\$0.00076	

**PECO - December 2016
TSC
C-Factor Calculation**

TSC 4: Rates SLE, SLS, POL, AL, TLCL

C-Factor Month	Projected Transmission Costs (1)	Projected Default Sales (kWh) (2)
Dec-16 (est) \$	1,099	1,297,554
Jan-17 (est) \$	1,064	1,330,115
Feb-17 (est) \$	993	1,328,285
Mar-17 (est) \$	1,099	1,329,010
Apr-17 (est) \$	1,064	1,332,943
May-17 (est) \$	1,099	1,336,439
Total \$	6,418	7,954,346

Estimated Recovery C-Factor \$0.00081 per kWh

