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April 16, 2019

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

SUBJECT: PECO Energy Company (PECO) Generation Supply Adjustment (GSA)
PECO Tariff Electric No. 6, Supplement No. 9, Effective June 1, 2019
Docket No. P-2016-2534980

Dear Secretary Chiavetta:

This letter transmits for filing with the Commission Supplement No. 9 to PECO's Electric Tariff No. 6. This filing is made in accordance with the tariffs approved by the Commission's Opinion and Order in PECO's Fourth Default Service Program ("DSP IV") at Docket No. P-2016-2534980. This Supplement contains PECO's quarterly adjustments to the Generation Supply Adjustment ("GSA") for Procurement Class 1 – Residential, Procurement Class 2 – Small Commercial & Industrial and Procurement Class 3/4 – Hourly Pricing, Large Commercial & Industrial, effective June 1, 2019 through August 31, 2019.

The GSA 1 for a Residential Rate R customer equals 6.211 cents/kWh effective June 1, 2019. When compared to the previous monthly bill, a typical Rate R customer using 700 kWh per month will see a decrease of \$2.20 or 2.13% per month.

The GSA 2 for a General Service Rate GS customer equals 5.922 cents/kWh effective June 1, 2019. When compared to the previous monthly bill, a typical Rate GS customer using 10,000 kWh per month will see a decrease of \$23.10 or 2.71% per month.

The rate for Rate HT (High Tension Power) for Procurement Class 3/4 Hourly Pricing effective June 1, 2019 of 0.414 cents/kWh reflects an increase of 0.215 cents/kWh compared to the previous GSA rate.

The following attachments are also included in support of this filing:

Attachment 1 – GSA Calculation for Procurement Class 1 – Residential;
Attachment 2 – GSA Calculation for Procurement Class 2 – Small
Commercial & Industrial up to 100KW;
Attachment 3 – GSA Calculation for Procurement Class 3/4 Hourly Pricing – Large
Commercial & Industrial over 100KW;

Rosemary Chiavetta, Secretary
April 16, 2019
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Attachment 4 – Revised GSA Tariffs

Thank you for your assistance in this matter and 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: K. G. Sophy, Director, Office of Special Assistants
P. T. Diskin, Director, Bureau of Technical Utility Services
K. Monaghan, Director, Bureau of Audits
R. A. Kanaskie, Director, Bureau of Investigation & Enforcement
Office of Consumer Advocate
Office of Small Business Advocate
McNees, Wallace & Nurick

Enclosures

ATTACHMENT 1

PECO ENERGY COMPANY

**GSA CALCULATION
FOR PROCUREMENT CLASS 1 –
RESIDENTIAL**

PECO Generation Supply Adjustment Rate-Procurement Class 1 (GSA 1)
Application Period: June 1, 2019 through August 31, 2019
cents/kWh

	Amount	GSA Rate w/o GRT	Residential (Rates R and RH) w/o GRT Incl. Line Loss Ratio	w/GRT Incl. Line Loss Ratio
C Factor				
-Cost (a)	\$ 162,189,205	5.834	5.834	6.200
Total Cost	\$ 162,189,205	5.834	5.834	6.200
AEPS Factor Additional AEPS				
-Additional AEPS Cost	\$ 46,456	0.002	0.002	0.002
Total Additional AEPS Cost	\$ 46,456	0.002	0.002	0.002
A Administrative Cost Factor				
-Administrative Cost (a)	\$ 140,525	0.005	0.005	0.005
Total Administrative Cost	\$ 140,525	0.005	0.005	0.005
E Factor Including Interest				
-Over/(Under) Collection, Jan 2011 to Dec 2018 (a), (c), (d)	\$ 4,661,321	0.098	0.098	0.104
-Net Interest, Jan 2011 to Dec 2018 (a), (c), (d)	\$ 232,164	0.005	0.005	0.005
-Prior Period Over/Under Collection Revenue, Jan 2019 to Feb 2019 (a)	\$ (4,059,376)	-0.085	-0.085	-0.090
-Prior Period Interest Revenue, Jan 2019 to Feb 2019 (a)	\$ (182,854)	-0.004	-0.004	-0.004
Total E Factor Including Interest	\$ 651,255	0.014	0.014	0.015
WC Working Capital Adjustment				
Working Capital Adjustment (b)		0.018	0.018	0.019
Total Working Capital Adjustment		0.018	0.018	0.019
Total GSA Rate (C + AEPS + A - E + WC)		5.845	5.845	6.211
S Sales for Application Period in kWh				
S1 E factor Sales for March 2019 through August 2019 in kWh	2,779,841,376			
	4,767,196,017			
Gross Receipts Tax (GRT)	5.90%			

(a) Adjusted for overall line loss factor ratio
(b) Based on Settlement at Docket No. R-2018-3000164
(c) Reflects adjustment of \$9,416 included in page 6, columns 14 and 15
Interest of \$3,663 included in page 7, columns 7 and 10
Overcollection of \$172,104 included in page 6, columns 14 and 15
Interest of \$10,700 included in page 7, columns 7 and 10

**PECO GSA 1 Generation (C Factor), Addl AEPS Costs (AEPS)
and Administrative Costs**

For the Period June 1, 2019 through August 31, 2019

Month	Default Supplier Full Requirements Cost for Energy, Capacity, Ancillary Service and AEPS (1)	PECO Provided Block, Spot Cost for Energy, Capacity and Ancillary Services (2)	Total Generation Costs (a) (3)=(1)+(2)	Additional AEPS Costs (4)	Administrative Cost (5)
Jun-19	\$46,609,837	\$403,114	\$47,012,951	\$13,459	\$45,924
Jul-19	\$58,599,525	\$514,740	\$59,114,265	\$16,927	\$50,940
Aug-19	\$55,587,867	\$474,122	\$56,061,989	\$16,070	\$43,662
Total	\$160,797,229	\$1,391,976	\$162,189,205	\$46,456	\$140,525

(a) See page 3 for generation cost details.

PECO GSA 1 Generation (C Factor) Details
For the Period June 1, 2019 through August 31, 2019

Month	Wtd. Average Price	Sales (mWh)	Full Contract Costs	Misc. Cost/ (Credits) ¹	Default Supplier Full Requirements Cost for Energy, Capacity, Ancillary Service and AEPS	Off-Peak Block Energy	On-Peak Block Energy	Spot Energy	Capacity Costs	Ancillary Services Costs	Misc. Cost/ (Credits) ¹	PECO Provided Block, Spot Cost for Energy, Capacity and Ancillary Services	Total Generation Costs
	(1)	(2)	(3) = (1)*(2)	(4)	(5) = (3)+(4)	(6)	(7)	(8)	(10)	(11)	(12)	(13) = (6) thru (12)	(14)=(5)+(13)
Jun-19	\$53.67	864,171	\$46,381,457	\$228,380	\$46,609,837	\$0	\$0	\$269,932	\$118,579	\$12,147	\$2,456	\$403,114	\$47,012,951
Jul-19	\$53.67	1,092,065	\$58,612,886	(\$13,361)	\$58,599,525	\$0	\$0	\$375,477	\$122,510	\$16,896	(\$144)	\$514,740	\$59,114,265
Aug-19	\$53.67	1,035,838	\$55,595,122	(\$7,255)	\$55,587,867	\$0	\$0	\$336,543	\$122,513	\$15,144	(\$78)	\$474,122	\$56,061,989
Total		2,992,074	\$160,589,465	\$207,765	\$160,797,229	\$0	\$0	\$981,952	\$363,602	\$44,188	\$2,234	\$1,391,976	\$162,189,205

¹ Misc. costs/credits equal the applicable NYPA credits, RMR load costs and net meter costs.

PECO GSA 1 Default kWh Sales
For the Period June 1, 2019 through August 31, 2019
and March 1, 2019 through August 31, 2019

Month	Total kWh	Rate R kWh	Rate RH kWh
Jun-19	802,873,924	690,386,194	112,487,730
Jul-19	1,014,602,825	885,739,447	128,863,378
Aug-19	962,364,627	838,514,343	123,850,284
Total	2,779,841,376	2,414,639,984	365,201,392

E factor Sales
Mar-19
through
Aug-19

4,767,196,017 3,954,058,152 813,137,864

PECO GSA 1 Actual Monthly Over/(Under) Collections
For the Period January 1, 2011 through December 31, 2018
and January 2019 and February 2019

Month	Default Supplier Full PECO Provided Block, Requirements Cost for Energy, Spot Cost for Energy, Capacity, Ancillary Service and AEPS			Services Additional AEPS Costs		Administrative Cost	Total Cost Including Administrative Cost
	(1)	(2)	(3)	(4)	(5)=(1)+(2)+(3)+(4)		
Dec-15							
Jan-16	\$61,544,441	\$354,478	\$419,816	\$184,261	\$62,502,995		
Feb-16	\$53,823,113	\$265,743	\$369,931	\$35,865	\$54,494,651		
Mar-16	\$40,434,849	\$316,303	\$298,671	\$27,986	\$41,077,809		
Apr-16	\$36,645,281	\$261,003	\$120,516	\$41,762	\$37,068,562		
May-16	\$40,558,843	\$278,440	\$5,083	\$28,450	\$40,870,816		
Jun-16	\$46,594,466	\$387,808	\$354,031	\$37,447	\$47,373,752		
Jul-16	\$65,885,496	\$690,304	\$512,235	\$65,539	\$67,153,574		
Aug-16	\$68,466,409	\$630,271	(\$805,754)	\$22,615	\$68,313,541		
Sep-16	\$46,139,830	\$413,481	\$864,934	\$39,200	\$47,457,445		
Oct-16	\$31,990,288	\$278,036	\$247,940	\$37,200	\$32,553,464		
Nov-16	\$36,498,007	\$319,139	\$198,443	\$30,854	\$37,106,443		
Dec-16	\$49,223,335	\$487,219	\$195,730	\$40,480	\$49,946,764		
Jan-17	\$48,403,383	\$509,705	\$172,005	\$43,671	\$49,128,764		
Feb-17	\$38,736,969	\$270,394	\$74,607	\$51,516	\$39,133,486		
Mar-17	\$40,880,264	\$448,497	\$31,912	\$66,287	\$41,426,960		
Apr-17	\$30,883,755	\$356,586	\$484,587	\$41,242	\$31,766,170		
May-17	\$33,765,072	\$380,157	\$81,200	\$34,861	\$34,261,290		
Jun-17	\$45,601,818	\$439,014	\$384,914	\$38,191	\$46,463,937		
Jul-17	\$58,139,376	\$558,865	\$274,144	\$19,257	\$58,991,643		
Aug-17	\$46,837,298	\$449,638	\$445,686	\$33,541	\$47,766,162		
Sep-17	\$37,718,482	\$428,337	\$178,554	\$69,343	\$38,394,717		
Oct-17	\$32,545,743	\$366,993	(\$23,879)	\$58,457	\$32,947,314		
Nov-17	\$36,422,239	\$407,004	\$7,467	\$32,052	\$36,868,762		
Dec-17	\$48,663,401	\$679,067	\$109,982	\$34,927	\$49,487,377		
Jan-18	\$54,366,822	\$1,288,998	(\$3,829)	\$48,858	\$55,700,849		
Feb-18	\$40,098,140	\$421,998	\$213,292	\$81,537	\$40,814,967		
Mar-18	\$42,051,988	\$437,342	\$6,152	\$50,490	\$42,545,971		
Apr-18	\$33,513,453	\$454,211	(\$222,515)	\$50,847	\$33,795,995		
May-18	\$36,072,988	\$444,106	\$7,349	\$54,101	\$36,578,544		
Jun-18	\$44,773,093	\$430,271	\$624,793	\$35,839	\$45,863,996		
Jul-18	\$60,234,266	\$590,834	\$101,957	\$32,995	\$60,960,052		
Aug-18	\$62,192,000	\$695,376	(\$500,008)	\$39,244	\$62,426,612		
Sep-18	\$45,230,557	\$447,924	\$8,630	\$42,930	\$45,730,041		
Oct-18	\$36,114,431	\$421,724	\$2,000	\$48,540	\$36,586,694		
Nov-18	\$41,839,553	\$466,421	\$14,046	\$37,054	\$42,357,074		
Dec-18	\$51,122,101	\$516,997	\$120,908	\$42,567	\$51,802,573		
Jan-19							
Feb-19							

**PECO GSA 1 Actual Monthly Over/(Under) Collections
For the Period January 1, 2011 through December 31, 2018
and January 2019 and February 2019**

Current Revenue for Over/(Under) Excluding GRT

Month	Default Supplier and PECO Provided Current Revenue for Energy, Capacity, Ancillary Services, AEPS Excl GRT		Current Revenue for Administrative Cost Excl GRT		Total Current Period Revenue Excl GRT	(9)=(6)+(7)+(8)	(10)	(11)	(12)=(10)+(11)	(13)=(9)-(12)	Monthly Over/(Under) Collection	(15)=Cumulative from (14)
	(6)	(7)	(8)	(9)								

Dec-15	\$57,613,993	\$486,878	\$81,146	\$58,182,017	\$973,758	\$0	\$973,758	\$59,155,775	(\$3,347,220)	\$5,775,382
Jan-16	\$55,954,715	\$472,857	\$78,810	\$56,506,382	\$945,714	\$0	\$945,714	\$57,452,096	\$2,957,445	\$2,428,162
Feb-16	\$45,956,598	\$123,382	\$38,963	\$46,118,943	(\$1,175,377)	\$0	(\$1,175,377)	\$44,943,566	\$3,865,757	\$5,385,606
Mar-16	\$38,047,925	\$102,149	\$32,258	\$38,182,332	(\$973,106)	\$0	(\$973,106)	\$37,209,226	\$140,664	\$9,251,363
Apr-16	\$34,914,242	\$93,736	\$29,601	\$35,037,579	(\$892,960)	\$0	(\$892,960)	\$34,144,619	(\$6,726,197)	\$9,392,027
May-16	\$43,953,807	\$466,228	\$27,027	\$44,447,062	(\$1,202,733)	\$0	(\$1,202,733)	\$43,244,329	(\$4,129,423)	\$2,665,831
Jun-16	\$56,667,026	\$601,080	\$34,845	\$57,302,951	(\$1,550,612)	\$0	(\$1,550,612)	\$55,752,339	(\$11,401,235)	(\$12,864,828)
Aug-16	\$65,619,131	\$696,036	\$40,350	\$66,355,517	(\$1,795,573)	\$0	(\$1,795,573)	\$64,559,944	(\$3,753,597)	(\$16,618,425)
Sep-16	\$61,456,041	\$368,623	\$56,711	\$61,881,375	\$1,020,801	\$0	\$1,020,801	\$62,902,176	\$15,444,731	(\$1,173,693)
Oct-16	\$38,791,078	\$232,675	\$35,796	\$39,059,549	\$644,331	\$0	\$644,331	\$39,703,880	\$7,150,416	\$5,976,723
Nov-16	\$44,978,191	\$204,451	\$31,454	\$45,214,096	\$566,171	\$0	\$566,171	\$34,887,704	(\$4,166,152)	\$3,757,984
Dec-16	\$55,912,215	\$8,827	\$52,964	\$55,974,006	\$752,713	\$0	\$752,713	\$56,909,701	\$6,780,937	\$7,372,768
Jan-17	\$45,110,354	\$7,122	\$42,731	\$45,160,207	\$935,695	\$0	\$935,695	\$45,915,132	\$6,781,646	\$14,154,414
Feb-17	\$40,064,654	\$6,478	\$38,866	\$40,109,988	(\$213,765)	\$0	(\$213,765)	\$39,896,233	(\$1,530,727)	\$12,623,687
Mar-17	\$35,477,127	\$5,736	\$34,416	\$35,517,279	(\$189,287)	\$0	(\$189,287)	\$35,327,992	\$3,561,822	\$16,185,510
Apr-17	\$30,523,262	\$4,935	\$29,610	\$30,557,807	(\$162,857)	\$0	(\$162,857)	\$30,394,950	(\$3,866,340)	\$12,319,169
May-17	\$36,967,214	\$283,793	\$0	\$37,251,007	(\$185,082)	\$0	(\$185,082)	\$37,065,925	(\$9,388,596)	\$2,930,573
Jun-17	\$53,848,001	\$413,386	\$0	\$54,261,387	(\$269,599)	\$0	(\$269,599)	\$53,991,788	(\$4,999,855)	(\$2,069,281)
Aug-17	\$51,332,194	\$394,072	\$0	\$51,726,266	(\$257,003)	\$0	(\$257,003)	\$51,469,263	\$3,703,101	\$1,633,820
Sep-17	\$40,587,154	\$6,671	\$53,369	\$40,647,194	(\$386,925)	\$0	(\$386,925)	\$40,260,269	\$1,865,552	\$3,499,372
Oct-17	\$38,391,421	\$6,311	\$50,481	\$38,448,213	(\$365,993)	\$0	(\$365,993)	\$38,082,220	\$5,134,906	\$8,634,278
Nov-17	\$33,172,194	\$5,452	\$43,619	\$33,221,265	(\$316,237)	\$0	(\$316,237)	\$32,905,028	(\$3,963,734)	\$4,670,544
Dec-17	\$45,195,286	\$7,343	\$51,400	\$45,254,029	(\$418,543)	\$0	(\$418,543)	\$44,835,486	(\$4,651,891)	\$18,653
Jan-18	\$63,464,663	\$10,311	\$72,178	\$63,547,152	(\$587,732)	\$0	(\$587,732)	\$62,959,420	\$7,258,571	\$7,277,224
Feb-18	\$48,533,726	\$7,885	\$55,196	\$48,596,807	(\$449,459)	\$0	(\$449,459)	\$48,147,348	\$7,332,381	\$14,609,605
Mar-18	\$40,912,286	\$6,867	\$54,934	\$40,974,087	\$157,936	\$0	\$157,936	\$41,132,023	(\$1,413,948)	\$13,195,656
Apr-18	\$38,645,540	\$6,486	\$51,891	\$38,703,917	\$149,185	\$0	\$149,185	\$38,853,102	\$5,057,107	\$18,252,763
May-18	\$32,744,694	\$5,496	\$43,967	\$32,794,157	\$126,406	\$0	\$126,406	\$41,114,565	(\$4,749,431)	\$14,594,782
Jun-18	\$40,563,805	\$358,326	\$33,178	\$40,955,309	\$159,256	\$0	\$159,256	\$41,114,565	(\$3,939,301)	\$9,845,351
Jul-18	\$56,256,915	\$496,953	\$46,015	\$56,799,883	\$220,868	\$0	\$220,868	\$57,020,751	(\$3,939,301)	\$5,906,051
Aug-18	\$58,462,001	\$47,817	\$47,817	\$59,026,250	\$229,525	\$0	\$229,525	\$59,255,775	(\$3,170,837)	\$2,735,214
Sep-18	\$57,184,788	\$516,432	\$65,493	\$57,766,714	(\$2,208,051)	\$0	(\$2,208,051)	\$55,060,942	\$9,330,901	\$12,066,115
Oct-18	\$40,091,988	\$13,119	\$45,917	\$40,151,024	(\$1,548,055)	\$0	(\$1,548,055)	\$38,602,969	\$2,016,275	\$14,082,389
Nov-18	\$37,611,331	\$12,307	\$43,076	\$37,666,714	(\$1,452,270)	\$0	(\$1,452,270)	\$36,214,444	(\$6,142,630)	\$7,939,759
Dec-18	\$50,115,982	\$16,485	\$49,457	\$50,181,924	(\$1,829,893)	\$0	(\$1,829,893)	\$48,352,031	(\$3,278,438)	\$4,661,321
Jan-19					(\$2,048,580)	\$0	(\$2,048,580)			
Feb-19					(\$2,010,796)	\$0	(\$2,010,796)			

Prior Period Revenue for Over/(Under) Excluding GRT

**GSA 1 Actual Interest Calculation
For the Period January 1, 2011 through December 31, 2018
and January 2019 and February 2019**

Month	Current Period Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate	Interest Time Factor	Interest Time Factor Denominator	Total Interest to be Returned to Customers	Interest Revenue Excl GRT in E Factor Recovered from Customers for 3 month recovery	Interest Revenue Excl GRT in E Factor Recovered from Customers for 12 month recovery	Cumulative Interest to be Returned to Customers
	(1) = (9) from Attachment 1, page 6	(2) = (5) from Attachment 1, page 5	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(10) = (7) + (8) + (9)
Dec-15										
Jan-16	\$58,182,017	\$62,502,995	(\$4,320,978)	3.50%	11	12	(\$138,631)	(\$81,146)	\$0	\$381,784
Feb-16	\$56,506,382	\$54,494,651	\$2,011,731	3.50%	10	12	\$58,675	(\$78,810)	\$0	\$162,007
Mar-16	\$46,118,943	\$41,077,809	\$5,041,134	3.50%	9	12	\$132,330	(\$32,469)	\$0	\$141,872
Apr-16	\$38,182,332	\$37,068,562	\$1,113,770	3.50%	8	12	\$25,988	(\$26,882)	\$0	\$241,733
May-16	\$35,037,579	\$40,870,816	(\$5,833,237)	3.50%	7	12	(\$119,095)	(\$24,668)	\$0	\$240,839
Jun-16	\$44,447,062	\$47,373,752	(\$2,926,690)	3.50%	6	12	(\$51,217)	(\$33,785)	\$0	\$97,076
Jul-16	\$57,302,951	\$67,153,574	(\$9,850,623)	3.50%	11	12	(\$316,041)	(\$43,557)	\$0	\$12,074
Aug-16	\$66,355,517	\$68,313,541	(\$1,958,024)	3.50%	10	12	(\$57,109)	(\$50,438)	\$0	(\$347,524)
Sep-16	\$61,881,375	\$47,457,445	\$14,423,930	3.50%	9	12	\$378,628	\$18,904	\$0	(\$455,071)
Oct-16	\$39,059,549	\$32,553,464	\$6,506,085	3.50%	8	12	\$151,809	\$11,932	\$0	(\$57,539)
Nov-16	\$34,321,533	\$37,106,443	(\$2,784,910)	3.50%	7	12	(\$56,859)	\$10,485	\$0	\$106,202
Dec-16	\$45,027,899	\$49,946,764	(\$4,918,865)	3.75%	6	12	(\$92,229)	\$14,202	\$0	\$59,828
Jan-17	\$55,974,006	\$49,128,764	\$6,845,242	3.75%	11	12	\$235,305	\$17,655	\$0	(\$18,199)
Feb-17	\$45,160,207	\$39,133,486	\$6,026,721	3.75%	10	12	\$188,335	\$14,244	\$0	\$234,761
Mar-17	\$40,109,998	\$41,426,960	(\$1,316,962)	4.00%	9	12	(\$39,509)	(\$6,478)	\$0	\$437,340
Apr-17	\$35,517,279	\$31,766,170	\$3,751,109	4.00%	8	12	\$100,030	(\$5,736)	\$0	\$391,353
May-17	\$30,557,807	\$34,261,290	(\$3,703,483)	4.00%	7	12	(\$86,415)	(\$4,935)	\$0	\$485,647
Jun-17	\$37,251,007	\$46,463,937	(\$9,212,930)	4.25%	6	12	(\$192,112)	(\$6,169)	\$0	\$394,297
Jul-17	\$54,261,387	\$58,991,643	(\$4,730,256)	4.25%	11	12	(\$184,283)	(\$8,987)	\$0	\$196,016
Aug-17	\$51,726,266	\$47,766,162	\$3,960,104	4.25%	10	12	\$140,254	(\$8,567)	\$0	\$2,746
Sep-17	\$40,647,194	\$38,394,717	\$2,252,477	4.25%	9	12	\$71,798	(\$33,356)	\$0	\$134,433
Oct-17	\$38,448,213	\$32,947,314	\$5,500,899	4.25%	8	12	\$155,859	(\$31,551)	\$0	\$172,875
Nov-17	\$33,221,265	\$36,868,762	(\$3,647,497)	4.25%	7	12	(\$90,428)	(\$27,261)	\$0	\$297,183
Dec-17	\$45,254,029	\$49,487,377	(\$4,233,348)	4.50%	6	12	(\$95,250)	(\$36,714)	\$0	\$179,494
Jan-18	\$63,547,152	\$55,700,849	\$7,846,303	4.50%	11	12	\$323,660	(\$51,555)	\$0	\$47,530
Feb-18	\$48,596,807	\$40,814,967	\$7,781,840	4.50%	10	12	\$291,819	(\$39,427)	\$0	\$319,635
Mar-18	\$40,974,087	\$42,545,971	(\$1,571,884)	4.75%	9	12	(\$55,998)	\$6,867	\$0	\$572,027
Apr-18	\$38,703,917	\$33,795,995	\$4,907,922	4.75%	8	12	\$155,418	\$6,486	\$0	\$522,896
May-18	\$32,794,157	\$36,578,544	(\$3,784,387)	4.75%	7	12	(\$104,659)	\$5,496	\$0	\$684,800
Jun-18	\$40,955,309	\$45,863,996	(\$4,908,687)	5.00%	6	12	(\$122,717)	\$6,635	\$0	\$585,437
Jul-18	\$56,799,883	\$60,960,052	(\$4,160,169)	5.00%	11	12	(\$190,674)	\$9,203	\$0	\$469,355
Aug-18	\$59,026,250	\$62,426,612	(\$3,400,362)	5.00%	10	12	(\$141,682)	\$9,564	\$0	\$287,884
Sep-18	\$57,268,993	\$45,730,041	\$11,538,952	5.25%	9	12	\$454,346	(\$102,917)	\$0	\$155,766
Oct-18	\$40,151,024	\$36,586,694	\$3,564,330	5.25%	8	12	\$124,752	(\$72,155)	\$0	\$507,195
Nov-18	\$37,666,714	\$42,357,074	(\$4,690,360)	5.25%	7	12	(\$143,642)	(\$67,690)	\$0	\$559,792
Dec-18	\$50,181,924	\$51,802,573	(\$1,620,649)	5.50%	6	12	(\$33,868)	(\$82,428)	\$0	\$348,460
Jan-19								(\$92,278)	\$0	\$232,164
Feb-19								(\$90,576)	\$0	\$0

ATTACHMENT 2

PECO ENERGY COMPANY

**GSA CALCULATION
FOR PROCUREMENT CLASS 2 –
SMALL COMMERCIAL & INDUSTRIAL UP TO 100 KW**

PECO Generation Supply Adjustment Rate-Procurement Class 2 (GSA 2)

Application Period: June 1, 2019 through August 31, 2019

cents/kWh

C Factor	Amount	GSA Rate w/o GRT			Rate GS w/o GRT			Rate PD w/o GRT			Rate HT w/o GRT			Lighting 1 (SLS, SLE, SLC, POL, AL) w/o GRT			Lighting 2 (TLCL) w/o GRT		
		Incl. Line	w/GRT	Loss Ratio	Incl. Line	w/GRT	Loss Ratio	Incl. Line	w/GRT	Loss Ratio	Incl. Line	w/GRT	Loss Ratio	Incl. Line	w/GRT	Loss Ratio	Incl. Line	w/GRT	Loss Ratio
-Cost (a)	\$ 28,178,541	5.510	5.512	5.858	5.417	5.757	5.195	5.521	5.512	5.858	5.512	5.858	5.512	5.858	5.512	5.858	5.512	5.858	
-Capacity Credit (a), (b)	\$ 28,178,541	5.510	5.512	5.858	5.417	5.757	5.195	5.521	5.512	5.858	5.512	5.858	5.512	5.858	5.512	5.858	5.512	5.858	
Total Cost																			
AEPS Factor Additional AEPS																			
-Additional AEPS Cost	\$ 435,006	0.085	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	
Total Additional AEPS Cost	\$ 435,006	0.085	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	
A. Administrative Cost Factor																			
-Administrative Cost (a)	\$ 26,925	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Total Administrative Cost	\$ 26,925	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
E Factor Including Interest																			
-Over/(Under) Collection Jan 2011 to Dec 2018 (a), (d), (e)	\$ 846,083	0.090	0.090	0.096	0.088	0.094	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	0.085	0.090	
-Net Interest Jan 2011 to Dec 2018 (a), (d), (e)	\$ 48,042	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
-Prior Period Over/Under Collection Revenue, Jan 2019 to Feb 2019 (a)	\$ (425,642)	(0.045)	(0.045)	(0.048)	(0.044)	(0.047)	(0.042)	(0.045)	(0.044)	(0.047)	(0.042)	(0.045)	(0.044)	(0.047)	(0.045)	(0.048)	(0.045)	(0.048)	
-Prior Period Interest Revenue, Jan 2019 to Feb 2019 (a)	\$ (27,665)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	(0.003)	
Total E Factor Including Interest	\$ 440,818	0.047	0.047	0.050	0.046	0.049	0.045	0.047	0.046	0.049	0.045	0.047	0.046	0.049	0.045	0.047	0.046	0.049	
WC Working Capital Adjustment																			
Working Capital Adjustment (c)		0.018	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	
Total Working Capital Adjustment		0.018	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	
Total GSA Rate (C + AEPS + A + E + WC)		5.571	5.573	5.922	5.479	5.822	5.258	5.588	5.479	5.822	5.258	5.588	5.479	5.822	5.258	5.588	5.479	5.822	
S Sales for Application Period in kWh																			
S1 E factor Sales for March 2019 through August 2019 in kWh	\$ 511,370,167																		
	\$ 945,042,531																		
Gross Receipts Tax (GRT)																			
	5.90%																		

(a) Adjusted for overall line loss factor ratio
 (b) Refer to Attachment 2, Page 4
 (c) Based on Settlement at Docket No. R-2018-3000164
 (d) Reflects adjustment in June 2017 for PAPUC Audit Finding
 Overcollection of \$1,931 included in page 7, columns 16 and 17
 Interest of \$695 included in page 8, columns 7 and 10
 (e) Reflects adjustment in December 2019 for PAPUC Audit Finding
 Overcollection of \$34,159 included in page 7, columns 16 and 17
 Interest of \$2,124 included in page 8, columns 7 and 10

**PECO GSA 2 Generation (C Factor Cost), Addl AEPS Costs (AEPS)
and Administrative Costs**

For the Period June 1, 2019 through August 31, 2019

Month	Default Supplier Fixed, Full Requirements Cost for Energy, Capacity and Ancillary Services (a) (1)	Default Supplier Spot, Full Requirements Cost for Energy, Capacity, Ancillary Service and AEPS (2)	Total Generation Costs (3)=(1)+(2)	Additional AEPS Costs (4)	Administrative Cost (5)
Jun-19	\$8,893,540	\$0	\$8,893,540	\$184,522	\$9,586
Jul-19	\$9,616,187	\$0	\$9,616,187	\$199,416	\$9,058
Aug-19	\$9,668,814	\$0	\$9,668,814	\$51,068	\$8,280
Total	\$28,178,541	\$0	\$28,178,541	\$435,006	\$26,925

(a) See page 3 for generation cost details.

PECO GSA 2 Generation (C Factor) Details
For the Period June 1, 2019 through August 31, 2019

Month	Fixed Price Wtd. Average Price	Fixed Price Sales (mWh)	Default Supplier Fixed Price, Full Requirements Cost for Energy, Capacity and Ancillary Services, etc	Misc. Cost/ (Credits) ¹	Total Fixed Price, Full Requirements
(1)	(2)	(3) = (1)*(2)	(4)	(5) = (3)+(4)	
Jun-19	\$50.68	175,494	\$8,893,540	\$0	\$8,893,540
Jul-19	\$50.68	189,754	\$9,616,187	\$0	\$9,616,187
Aug-19	\$50.68	190,793	\$9,668,814	\$0	\$9,668,814
Total		556,041	\$28,178,541	\$0	\$28,178,541

¹ Misc. costs/credits equal the applicable NYPA credits, RMR load costs and net meter costs.

**PECO Generation Supply Adjustment Rate-Procurement Class 2 (GSA 2)
Lighting 1 (Rates SLE, SLS, SLC, POL and AL)**

Capacity Credit
cents/kWh

1. PJM Capacity Price PECO Zone, \$ per MW-day

\$ 117.9249

2. Times (1+ PJM Reserve Margin Ratio)

1.1825

3. Divide by 24 hours

\$ 139.45 per MW-day
24

4. Times 100/1000

Convert to cents per kWh

\$ 5.81 per mWh
0.58 cents per kWh

5. For GSA 2 Load Factor

2019 loss adjusted kWh sales, default/supplier
Peak Load Contribution (PLC) Zonal Level
Coincident Peak Load kW

5,134,148,774 kWh
1,079,172 kW

Divide by

4,757.49 hours
8,760 hours per year

Load Factor

54.31%

6. Divide by Load Factor

Times 1/load factor

1.068 cents per kWh

7. from 6.

Capacity Credit

1.068 cents per kWh

PECO GSA 2 Default kWh Sales
For the Period June 1, 2019 through August 31, 2019
and March 1, 2019 through August 31, 2019

Month	Total kWh	Rate GS kWh	Rate PD kWh	Rate HT kWh	Lighting 1		Lighting 2 Rate TLCL kWh
					Rates SLS, SLE, SLC, POL and AL kWh	kWh	
Jun-19	161,380,653	158,645,838	720,512	983,421	795,773	235,108	
Jul-19	174,495,322	171,248,818	808,631	1,083,114	1,043,006	311,754	
Aug-19	175,494,193	172,405,410	767,810	1,030,251	991,953	298,768	
Total	511,370,167	502,300,066	2,296,953	3,096,786	2,830,732	845,630	
E factor Sales							
Mar-19 through Aug-19	945,042,531	926,497,769	4,126,313	6,559,504	6,083,862	1,775,083	

**PECO GSA 2 Actual Monthly Over/(Under) Collections
For the Period January 1, 2011 through December 31, 2018
and January 2019 and February 2019**

Month	Default Supplier Spot, Default Supplier Fixed, Full Requirements Cost for Energy, Capacity, Ancillary Service and AEPS	Requirements Cost for Energy, Capacity and Ancillary Services	Additional AEPS Costs	Administrative Cost	Total Cost Including Administrative Cost	Allocation Factor	Total Allocated Cost Including Administrative Cost
	(1)	(2)	(3)	(4)	(5)=(1)+(2)+(3)+(4)	(6)	(7)=(5) x (6)
Dec-15	\$0	\$11,037,912	\$95,982	\$35,807	\$11,169,701	0.99800705	\$11,147,440
Jan-16	\$0	\$9,285,613	\$78,687	\$9,689	\$9,373,989	0.99773053	\$9,352,715
Feb-16	\$0	\$9,257,322	\$52,602	\$9,470	\$9,319,394	0.99823359	\$9,302,932
Mar-16	\$0	\$8,911,364	(\$1,238)	\$12,733	\$8,922,859	0.99816174	\$8,906,456
Apr-16	\$0	\$9,494,235	\$313	\$12,015	\$9,506,563	0.99844624	\$9,491,792
May-16	\$0	\$9,002,806	\$52,895	\$12,022	\$9,067,723	0.99868953	\$9,055,840
Jun-16	\$0	\$9,561,662	\$59,961	\$15,944	\$9,637,567	0.99884019	\$9,626,389
Jul-16	\$0	\$9,960,388	(\$307,177)	\$6,927	\$9,660,138	0.99874888	\$9,648,052
Aug-16	\$0	\$8,638,478	\$216,416	\$9,488	\$8,864,382	0.99879442	\$8,853,695
Sep-16	\$0	\$7,519,022	\$17,661	\$10,819	\$7,547,502	0.99933507	\$7,542,484
Oct-16	\$0	\$7,608,911	\$10,524	\$22,586	\$7,642,021	0.99842847	\$7,630,011
Nov-16	\$0	\$8,641,915	\$5,333	\$10,037	\$8,657,285	0.99804379	\$8,640,350
Dec-16	\$0	\$8,105,170	\$2,719	\$9,988	\$8,117,877	0.99729365	\$8,095,907
Jan-17	\$0	\$6,752,478	\$7	\$11,493	\$6,763,978	0.99775150	\$6,748,769
Feb-17	\$0	\$7,754,201	\$6	\$15,313	\$7,769,520	0.99849278	\$7,757,809
Mar-17	\$0	\$6,913,808	(\$53,285)	\$9,542	\$6,870,065	0.99815565	\$6,857,394
Apr-17	\$0	\$7,872,064	\$2,960	\$9,304	\$7,884,328	0.99850129	\$7,872,512
May-17	\$0	\$8,675,218	\$109,097	\$8,887	\$8,793,202	0.99871735	\$8,781,924
Jun-17	\$0	\$9,373,886	\$89,968	\$4,473	\$9,468,327	0.99890604	\$9,457,969
Jul-17	\$0	\$9,081,217	\$138,326	\$8,488	\$9,228,031	0.99903340	\$9,219,111
Aug-17	\$0	\$7,984,127	\$43,292	\$11,056	\$8,038,476	0.99830834	\$8,024,877
Sep-17	\$1	\$7,613,980	(\$22,619)	\$13,339	\$7,604,701	0.99865471	\$7,594,470
Oct-17	\$0	\$7,609,372	\$476	\$7,712	\$7,617,560	0.99801191	\$7,602,416
Nov-17	\$0	\$8,756,395	\$28,591	\$7,252	\$8,792,238	0.99735213	\$8,768,957
Dec-17	\$0	\$9,688,372	(\$3,115)	\$9,290	\$9,694,547	0.99827771	\$9,677,850
Jan-18	\$0	\$7,896,378	(\$62,523)	\$17,321	\$7,851,176	0.99688401	\$7,826,712
Feb-18	\$0	\$8,588,353	\$1,455	\$11,084	\$8,600,892	0.99768559	\$8,580,986
Mar-18	\$0	\$7,579,331	\$100,275	\$11,302	\$7,690,908	0.99734258	\$7,670,470
Apr-18	\$0	\$9,031,138	\$589	\$13,566	\$9,045,293	0.99809936	\$9,028,101
May-18	\$0	\$9,207,270	\$154,526	\$8,756	\$9,370,552	0.99838205	\$9,355,391
Jun-18	\$0	\$9,623,700	\$135,969	\$6,610	\$9,766,279	0.99854577	\$9,752,077
Jul-18	\$0	\$10,309,232	(\$82,288)	\$7,156	\$10,234,100	0.99869810	\$10,220,776
Aug-18	\$0	\$8,728,698	\$12,604	\$8,496	\$8,749,798	0.99809513	\$8,733,130
Sep-18	\$0	\$7,993,327	(\$2,095)	\$9,967	\$8,001,199	0.99872331	\$7,990,984
Oct-18	\$0	\$8,194,796	\$2,765	\$8,645	\$8,206,206	0.99800679	\$8,189,849
Nov-18	\$0	\$9,605,460	\$54,909	\$8,646	\$9,669,015	0.99734435	\$9,643,337
Dec-18	\$0						
Jan-19	\$0						
Feb-19	\$0						

PECO GSA 2 Actual Monthly Over/(Under) Collections
 For the Period January 1, 2011 through December 31, 2018
 and January 2019 and February 2019

Current Revenue for Over/(Under) Excluding GRT

Prior Period Revenue for Over/(Under) Excluding GRT

Month	Default Supplier Current Revenue for Energy, Capacity, Ancillary Services, AEPS Excl GRT	Additional AEPS Revenue Excl GRT	Current Revenue for Administrative Cost Excl GRT	Total Current Period Revenue Excl GRT	E Factor Excl Interest and GRT for 3 month recovery	E Factor Excl Interest and GRT for 12 month recovery	E Factor Excl Interest and GRT Total Prior Period Revenue Excl GRT	(14)=(12)+(13)	Total Current and Prior Period Revenue Excl GRT	(15)=(11)+(14)	Monthly Over/(Under) Collection	(16)=(15)*(7)	Cumulative Over/(Under) Collection
	(8)	(9)	(10)	(11)=(8)+(9)+(10)	(12)	(13)	(14)=(12)+(13)	(15)=(11)+(14)	(16)=(15)*(7)	(17)=(16) from (16)			
Dec-15													
Jan-16	\$10,987,320	\$90,859	\$30,288	\$11,108,467	\$227,075	\$0	\$227,075	\$11,335,542	\$188,102	\$1,085,492	\$188,102	\$1,085,492	
Feb-16	\$10,816,360	\$89,521	\$29,840	\$10,935,721	\$223,780	\$0	\$223,780	\$11,159,501	\$1,806,786	(\$897,390)	\$1,806,786	\$909,396	
Mar-16	\$9,845,091	\$6,783	\$12,207	\$9,864,081	\$104,457	\$0	\$104,457	\$9,968,538	\$665,606	\$1,575,002	\$665,606	\$1,575,002	
Apr-16	\$8,553,055	\$5,895	\$10,610	\$8,569,560	\$90,776	\$0	\$90,776	\$8,660,336	(\$246,120)	\$1,328,882	(\$246,120)	\$1,328,882	
May-16	\$8,376,970	\$5,785	\$10,372	\$8,393,127	\$88,933	\$0	\$88,933	\$8,482,060	(\$1,009,732)	\$319,150	(\$1,009,732)	\$319,150	
Jun-16	\$8,259,552	\$55,714	\$7,960	\$8,363,226	\$99,644	\$0	\$99,644	\$8,462,870	(\$592,970)	(\$273,820)	(\$592,970)	(\$273,820)	
Jul-16	\$9,771,682	\$65,773	\$9,396	\$9,846,851	\$117,212	\$0	\$117,212	\$9,964,063	\$337,674	\$63,854	\$337,674	\$63,854	
Aug-16	\$10,320,277	\$64,891	\$9,270	\$9,745,317	\$116,050	\$0	\$116,050	\$9,861,367	\$213,315	\$277,169	\$213,315	\$277,169	
Sep-16	\$7,696,451	\$0	\$14,853	\$10,335,130	\$13,255	\$0	\$13,255	\$10,348,385	\$1,494,690	\$1,771,859	\$1,494,690	\$1,771,859	
Oct-16	\$11,124	\$0	\$11,124	\$7,707,575	\$9,859	\$0	\$9,859	\$7,717,434	\$174,950	\$1,946,809	\$174,950	\$1,946,809	
Nov-16	\$7,038,490	\$0	\$10,176	\$7,048,666	\$9,019	\$0	\$9,019	\$7,057,685	(\$572,326)	\$1,374,483	(\$572,326)	\$1,374,483	
Dec-16	\$8,055,945	\$0	\$10,794	\$8,066,739	\$6,746	\$0	\$6,746	\$8,073,485	(\$566,865)	\$807,618	(\$566,865)	\$807,618	
Jan-17	\$9,632,289	\$0	\$12,902	\$9,645,191	\$8,064	\$0	\$8,064	\$9,653,255	\$1,557,348	\$2,364,966	\$1,557,348	\$2,364,966	
Feb-17	\$8,392,942	\$0	\$11,254	\$8,404,196	\$7,035	\$0	\$7,035	\$8,411,231	\$1,662,462	\$4,027,428	\$1,662,462	\$4,027,428	
Mar-17	\$7,713,484	\$0	\$12,316	\$7,725,800	(\$144,939)	\$0	(\$144,939)	\$7,580,861	(\$176,948)	\$3,850,480	(\$176,948)	\$3,850,480	
Apr-17	\$7,045,762	\$0	\$11,241	\$7,057,003	(\$132,425)	\$0	(\$132,425)	\$6,924,578	\$67,184	\$3,917,664	\$67,184	\$3,917,664	
May-17	\$6,692,256	\$0	\$10,681	\$6,702,937	(\$125,798)	\$0	(\$125,798)	\$6,577,139	(\$1,295,373)	\$2,622,291	(\$1,295,373)	\$2,622,291	
Jun-17	\$7,778,052	\$75,812	\$1,330	\$7,855,194	(\$134,242)	\$0	(\$134,242)	\$7,720,952	(\$1,059,041)	\$1,563,250	(\$1,059,041)	\$1,563,250	
Jul-17	\$9,691,016	\$1,659	\$1,659	\$9,787,232	(\$167,162)	\$0	(\$167,162)	\$9,620,070	\$162,101	\$1,725,351	\$162,101	\$1,725,351	
Aug-17	\$11,289,781	\$109,782	\$1,926	\$11,401,489	(\$194,700)	\$0	(\$194,700)	\$11,206,789	\$1,987,678	\$3,713,029	(\$2,334,451)	\$1,378,578	
Sep-17	\$5,853,246	\$0	\$8,099	\$5,861,345	(\$170,919)	\$0	(\$170,919)	\$5,690,426	(\$2,334,451)	\$1,523,403	(\$2,334,451)	\$1,523,403	
Oct-17	\$7,960,544	\$0	\$11,001	\$7,971,545	(\$232,250)	\$0	(\$232,250)	\$7,739,295	(\$656,580)	\$866,823	(\$656,580)	\$866,823	
Nov-17	\$7,144,443	\$0	\$9,874	\$7,154,317	(\$208,481)	\$0	(\$208,481)	\$6,945,836	(\$204,432)	\$2,064,826	(\$204,432)	\$2,064,826	
Dec-17	\$8,781,657	\$0	\$11,669	\$8,793,326	(\$228,801)	\$0	(\$228,801)	\$8,564,525	\$1,402,435	\$3,852,430	\$1,402,435	\$3,852,430	
Jan-18	\$11,361,056	\$0	\$15,084	\$11,376,140	(\$295,855)	\$0	(\$295,855)	\$11,080,285	\$1,787,604	\$4,634,522	\$1,787,604	\$4,634,522	
Feb-18	\$9,857,992	\$0	\$13,097	\$9,871,089	(\$256,773)	\$0	(\$256,773)	\$9,614,316	(\$420,908)	\$3,431,522	(\$420,908)	\$3,431,522	
Mar-18	\$8,183,327	\$0	\$13,067	\$8,196,394	(\$36,316)	\$0	(\$36,316)	\$8,160,078	(\$1,901,413)	\$3,553,506	(\$1,901,413)	\$3,553,506	
Apr-18	\$7,814,647	\$0	\$12,477	\$7,827,124	(\$34,670)	\$0	(\$34,670)	\$7,792,454	(\$1,114,435)	\$1,114,435	(\$1,114,435)	\$1,114,435	
May-18	\$7,397,031	\$0	\$11,820	\$7,408,851	(\$32,843)	\$0	(\$32,843)	\$7,376,008	(\$786,978)	\$1,136,011	(\$786,978)	\$1,136,011	
Jun-18	\$8,441,875	\$138,290	\$7,355	\$8,587,520	(\$19,107)	\$0	(\$19,107)	\$8,568,413	(\$1,652,093)	\$1,901,413	(\$1,652,093)	\$1,901,413	
Jul-18	\$9,629,458	\$157,589	\$8,382	\$9,795,429	(\$21,776)	\$0	(\$21,776)	\$9,773,653	(\$21,576)	\$1,360,011	(\$21,576)	\$1,360,011	
Aug-18	\$9,912,681	\$162,218	\$8,629	\$10,083,528	(\$22,417)	\$0	(\$22,417)	\$10,061,111	(\$159,665)	\$976,346	(\$159,665)	\$976,346	
Sep-18	\$9,583,463	\$0	\$11,680	\$9,595,143	(\$22,817)	\$0	(\$22,817)	\$9,572,326	\$640,196	\$1,616,542	(\$640,196)	\$1,616,542	
Oct-18	\$8,363,606	\$0	\$10,200	\$8,373,806	(\$193,672)	\$0	(\$193,672)	\$8,180,134	\$189,150	\$1,805,692	\$189,150	\$1,805,692	
Nov-18	\$7,847,860	\$0	\$9,570	\$7,857,430	(\$181,721)	\$0	(\$181,721)	\$7,675,709	(\$514,140)	\$1,291,552	(\$514,140)	\$1,291,552	
Dec-18	\$9,351,818	\$0	\$9,652	\$9,361,470	(\$197,761)	\$0	(\$197,761)	\$9,163,709	(\$445,469)	\$846,083	(\$445,469)	\$846,083	
Jan-19					(\$271,556)	\$0	(\$271,556)						
Feb-19					(\$154,066)	\$0	(\$154,066)						

PECO GSA 2 Actual Interest Calculation
For the Period January 1, 2011 through December 31, 2018
and January 2019 and February 2019

Month	Current Period Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate	Interest Time Factor	Interest Time Denominator	Total Interest to be Returned to / (Recovered from) Customers	Interest Revenue Excl GRT in E Factor Recovered from Customers for 3 month recovery	Interest Revenue Excl GRT in E Factor Recovered from Customers for 12 month recovery	Cumulative Interest to be Returned to / (Recovered from) Customers
	(1) = (11) from Attachment 2, page 7	(2) = (7) from Attachment 2, page 6	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(7) + (8) + (9)
Dec-15										\$2,814
Jan-16	\$11,108,467	\$11,147,440	(\$38,973)	3.50%	11	12	(\$1,250)	(\$15,143)	\$0	(\$13,579)
Feb-16	\$10,935,721	\$9,352,715	\$1,583,006	3.50%	10	12	\$46,171	(\$14,920)	\$0	\$17,672
Mar-16	\$9,864,081	\$9,302,932	\$561,149	3.50%	9	12	\$14,730	\$4,070	\$0	\$36,472
Apr-16	\$8,569,560	\$8,906,456	(\$336,896)	3.50%	8	12	(\$7,861)	\$3,537	\$0	\$32,148
May-16	\$8,393,127	\$9,491,792	(\$1,098,665)	3.50%	7	12	(\$22,431)	\$3,472	\$0	\$13,189
Jun-16	\$8,363,226	\$9,055,840	(\$692,614)	3.50%	6	12	(\$12,121)	\$5,306	\$0	\$6,374
Jul-16	\$9,846,851	\$9,626,389	\$220,462	3.50%	11	12	\$7,073	\$6,264	\$0	\$19,711
Aug-16	\$9,745,317	\$9,648,052	\$97,265	3.50%	10	12	\$2,837	\$6,181	\$0	\$28,729
Sep-16	\$10,335,130	\$8,853,695	\$1,481,435	3.50%	9	12	\$38,888	(\$4,973)	\$0	\$62,644
Oct-16	\$7,707,575	\$7,542,484	\$165,091	3.50%	8	12	\$3,852	(\$3,698)	\$0	\$62,798
Nov-16	\$7,048,666	\$7,630,011	(\$581,345)	3.50%	7	12	(\$11,869)	(\$3,383)	\$0	\$47,546
Dec-16	\$8,066,739	\$8,640,350	(\$573,611)	3.75%	6	12	(\$10,755)	(\$4,048)	\$0	\$32,743
Jan-17	\$9,645,191	\$8,095,907	\$1,549,284	3.75%	11	12	\$53,257	(\$4,838)	\$0	\$31,162
Feb-17	\$8,404,196	\$6,748,769	\$1,655,427	3.75%	10	12	\$51,732	(\$4,221)	\$0	\$128,673
Mar-17	\$7,725,800	\$7,757,809	(\$32,009)	4.00%	9	12	(\$960)	(\$4,098)	\$0	\$123,615
Apr-17	\$7,057,003	\$6,857,394	\$199,609	4.00%	8	12	\$5,323	(\$3,750)	\$0	\$125,188
May-17	\$6,702,937	\$7,872,512	(\$1,169,575)	4.00%	7	12	(\$27,290)	(\$3,561)	\$0	\$94,337
Jun-17	\$7,855,194	\$8,781,924	(\$926,730)	4.25%	6	12	(\$19,008)	(\$3,990)	\$0	\$71,339
Jul-17	\$9,787,232	\$9,457,969	\$329,263	4.25%	11	12	\$12,828	(\$4,978)	\$0	\$79,189
Aug-17	\$11,401,489	\$9,219,111	\$2,182,378	4.25%	10	12	\$77,293	(\$5,779)	\$0	\$150,703
Sep-17	\$5,861,345	\$8,024,877	(\$2,163,532)	4.25%	9	12	(\$68,963)	(\$8,084)	\$0	\$73,656
Oct-17	\$7,971,545	\$7,594,470	\$377,075	4.25%	8	12	\$10,684	(\$10,987)	\$0	\$33,353
Nov-17	\$7,154,317	\$7,602,416	(\$448,099)	4.25%	7	12	(\$11,109)	(\$9,863)	\$0	\$52,381
Dec-17	\$8,793,326	\$8,768,957	\$24,369	4.50%	6	12	\$548	(\$11,648)	\$0	\$41,281
Jan-18	\$11,376,140	\$9,677,850	\$1,698,290	4.50%	11	12	\$70,054	(\$15,066)	\$0	\$96,269
Feb-18	\$9,871,089	\$7,826,712	\$2,044,377	4.50%	10	12	\$76,664	(\$13,070)	\$0	\$159,863
Mar-18	\$8,196,394	\$8,580,986	(\$384,592)	4.75%	9	12	(\$13,701)	(\$2,910)	\$0	\$143,252
Apr-18	\$7,827,124	\$7,670,470	\$156,654	4.75%	8	12	\$4,961	(\$2,775)	\$0	\$145,438
May-18	\$7,408,851	\$9,028,101	(\$1,619,250)	4.75%	7	12	(\$44,867)	(\$2,630)	\$0	\$7,941
Jun-18	\$8,587,520	\$9,355,391	(\$767,871)	5.00%	6	12	(\$19,197)	(\$2,942)	\$0	\$75,802
Jul-18	\$9,795,429	\$9,752,077	\$43,352	5.00%	11	12	\$1,987	(\$3,353)	\$0	\$74,436
Aug-18	\$10,083,528	\$10,220,776	(\$137,248)	5.00%	10	12	(\$5,719)	(\$3,451)	\$0	\$65,266
Sep-18	\$9,595,143	\$8,733,130	\$862,013	5.25%	9	12	\$33,942	(\$13,335)	\$0	\$95,873
Oct-18	\$8,373,806	\$7,990,984	\$382,822	5.25%	8	12	\$13,399	(\$11,643)	\$0	\$7,629
Nov-18	\$7,857,430	\$8,189,849	(\$332,419)	5.25%	7	12	(\$10,180)	(\$10,923)	\$0	\$66,526
Dec-18	\$9,361,470	\$9,643,337	(\$281,867)	5.50%	6	12	(\$5,627)	(\$12,857)	\$0	\$48,042
Jan-19								(\$17,653)	\$0	\$0
Feb-19								(\$10,012)	\$0	\$0

ATTACHMENT 3

PECO ENERGY COMPANY

GSA CALCULATION FOR PROCUREMENT CLASS 3/4 HOURLY PRICING – LARGE COMMERCIAL & INDUSTRIAL (Demand > 100KW)

**PECO GSA 3/4 (Hourly) Ancillary Services and AEPS (AS Factor)
and Administrative Costs**

For the Period June 1, 2019 through August 31, 2019

Month	Default Supplier Hourly Pricing and PECO Provided Spot Ancillary Services, AEPS Compliance		Additional AEPS Costs		Administrative Cost (3)
	(1)	(2)	(2)	(3)	
Jun-19	\$325,797	\$79,109	\$4,842		\$4,842
Jul-19	\$367,016	\$87,060	\$4,661		\$4,661
Aug-19	\$350,802	\$84,231	\$4,105		\$4,105
Total	\$1,043,615	\$250,401	\$13,608		\$13,608

PECO GSA 3/4 (Hourly) Default kWh Sales
For the Period June 1, 2019 through August 31, 2019
and March 1, 2019 through August 31, 2019

Month	Total kWh	Rate GS kWh	Rate PD kWh	Rate HT kWh	Rate EP kWh
Jun-19	81,093,662	15,807,333	1,636,665	63,649,664	-
Jul-19	89,301,905	16,850,360	1,814,684	70,636,862	-
Aug-19	86,487,147	17,051,578	1,725,517	67,710,052	-
Total	256,882,714	49,709,270	5,176,866	201,996,577	-
E factor Sales					
Mar-19 through Aug-19	480,781,109	116,156,155	9,403,266	355,221,688	-

PECO GSA 3 Actual Monthly Over/(Under) Collections
 For the Period January 1, 2011 through May 31, 2016

Month	Default Supplier Spot, Full Requirements Cost for Energy, Capacity, Ancillary Service and AEPS	Default Supplier Fixed, Full Requirements Cost for Energy, Capacity and Ancillary Services	(3)	(4)	(5)=(1)+(2)+(3)+(4)	Allocation Factor	Total Allocated Cost Including Administrative Cost
Jun-13	\$1,377	\$5,181,412	\$67,727	\$23,032	\$5,273,548	0.99112195	\$5,226,729
Jul-13	\$1,421	\$4,540,257	\$65,587	\$25,335	\$4,632,600	0.99196794	\$4,595,391
Aug-13	\$0	\$4,142,906	\$75	\$22,712	\$4,165,693	0.99142235	\$4,129,961
Sep-13	\$0	\$3,989,741	\$188	\$29,674	\$4,019,603	0.99088587	\$3,982,968
Oct-13	\$0	\$3,908,572	\$210	\$27,123	\$3,935,905	0.98979968	\$3,895,757
Nov-13	\$0	\$4,216,782	\$62,080	\$24,906	\$4,303,768	0.98771159	\$4,250,882
Dec-13	\$0	\$4,542,507	\$66,011	\$25,798	\$4,634,316	0.98833361	\$4,580,250
Jan-14	\$0	\$3,919,432	\$58,823	\$24,650	\$4,002,905	0.99318057	\$3,975,608
Feb-14	\$0	\$4,121,192	\$61,008	\$26,467	\$4,208,667	0.99402610	\$4,183,525
Mar-14	\$0	\$3,541,030	\$1,323	\$30,605	\$3,572,958	0.99319481	\$3,548,644
Apr-14	\$0	\$3,940,042	\$101	\$32,609	\$3,972,752	1.00000000	\$3,972,752
May-14	\$0	\$3,970,905	\$76,417	\$39,006	\$4,086,328	1.00000000	\$4,086,328
Jun-14	\$0	\$4,332,565	\$83,635	\$26,889	\$4,443,089	1.00000000	\$4,443,089
Jul-14	\$0	\$4,029,398	\$97,983	\$26,597	\$4,153,978	1.00000000	\$4,153,978
Aug-14	\$0	\$3,684,151	\$66,330	\$28,255	\$3,778,736	1.00000000	\$3,778,736
Sep-14	\$0	\$3,543,155	\$7,826	\$35,100	\$3,586,081	1.00000000	\$3,586,081
Oct-14	\$0	\$3,531,604	\$704	\$34,765	\$3,567,073	1.00000000	\$3,567,073
Nov-14	\$0	\$4,252,483	\$69,538	\$32,212	\$4,354,233	1.00000000	\$4,354,233
Dec-14	\$0	\$4,629,283	\$72,445	\$32,397	\$4,734,125	1.00000000	\$4,734,125
Jan-15	\$0	\$4,132,503	\$66,274	\$31,607	\$4,230,384	1.00000000	\$4,230,384
Feb-15	\$0	\$4,049,406	\$64,050	\$33,194	\$4,146,650	1.00000000	\$4,146,650
Mar-15	\$0	\$3,667,806	\$60,740	\$41,472	\$3,770,018	1.00000000	\$3,770,018
Apr-15	\$0	\$4,103,493	\$55,894	\$50,942	\$4,210,329	1.00000000	\$4,210,329
May-15	\$0	\$3,391,912	\$35,350	\$13,874	\$3,441,136	1.00000000	\$3,441,136
Jun-15	\$0	\$3,726,985	\$39,364	\$14,107	\$3,780,456	0.99961061	\$3,778,984
Jul-15	\$0	\$3,776,351	\$97,591	\$11,893	\$3,885,835	0.99958313	\$3,884,215
Aug-15	\$0	\$3,542,748	\$36,336	\$25,463	\$3,604,547	0.99958594	\$3,603,055
Sep-15	\$0	\$3,098,511	\$13,216	\$28,675	\$3,140,403	0.99950747	\$3,138,856
Oct-15	\$0	\$2,895,772	\$252	\$31,728	\$2,927,752	0.99956317	\$2,926,473
Nov-15	\$0	\$3,568,293	\$54,498	(\$28,030)	\$3,594,761	0.99957792	\$3,593,244
Dec-15	\$0	\$3,757,695	\$31,953	\$14,299	\$3,803,947	0.99963938	\$3,802,575
Jan-16	\$0	\$3,633,047	\$31,227	\$3,835	\$3,668,109	0.99524681	\$3,650,674
Feb-16	\$0	\$3,922,634	\$5,194	\$3,471	\$3,931,299	0.99453402	\$3,909,810
Mar-16	\$0	\$3,414,183	(\$569)	\$4,775	\$3,418,389	0.99374740	\$3,397,015
Apr-16	\$0	\$2,983,979	\$177	\$4,532	\$2,988,688	0.99459819	\$2,972,544
May-16	\$0						

PECO GSA 3 (Hourly) Actual Monthly Over/(Under) Collections
 For the Period June 1, 2016 through May 31, 2017

Month	Default Supplier Hourly Pricing and PECO Provided Spot Energy and Capacity	Default Supplier Hourly Pricing and PECO Provided Spot Ancillary Services, AEPS Compliance	Additional AEPS Costs	Administrative Cost	Total Cost Including Administrative Cost	Allocation Factor	Total Allocated Cost Including Administrative Cost
	(1)	(2)	(3)	(4)	(5)=(1)+(2)+(3)+(4)	(6)	(7)=(5) x (6)
May-16							
Jun-16	\$1,954,619	\$84,637	\$1	\$3,620	\$2,042,877	0.99946396	\$2,041,782
Jul-16	\$2,564,234	\$155,334	\$40	\$4,624	\$2,724,232	1.00000000	\$2,724,232
Aug-16	\$2,372,577	\$19,969	(\$214,507)	\$2,215	\$2,180,254	1.00000000	\$2,180,254
Sep-16	\$1,853,413	\$15,195	\$124,748	\$2,517	\$1,995,873	1.00000000	\$1,995,873
Oct-16	\$1,515,695	\$7,192	\$2	\$3,323	\$1,526,213	1.00000000	\$1,526,213
Nov-16	\$1,477,319	\$6,797	\$128	\$6,999	\$1,491,243	1.00000000	\$1,491,243
Dec-16	\$1,985,335	\$2,654	\$2	\$3,130	\$1,991,121	1.00000000	\$1,991,121
Jan-17	\$2,064,426	\$4,446	\$2	\$2,792	\$2,071,667	1.00000000	\$2,071,667
Feb-17	\$1,724,284	\$5,242	\$2	\$3,172	\$1,732,700	0.99905270	\$1,731,059
Mar-17	\$2,253,787	\$6,197	\$2	\$4,190	\$2,264,176	0.99851770	\$2,260,820
Apr-17	\$1,806,185	\$17,512	\$2	\$2,942	\$1,826,641	0.99082914	\$1,809,889
May-17	\$985,709	\$13,978	(\$3)	\$2,772	\$1,002,456	0.99378229	\$996,223

Month	Default Supplier Hourly Pricing and PECO Hourly Pricing and Provided Spot Ancillary Services, AEPS Compliance		Additional AEPS Costs	Administrative Cost	Total Cost Including Administrative Cost	Allocation Factor	Total Allocated Cost Including Administrative Cost
	(1)	(2)					
May-17							
Jun-17	\$2,752,646	\$207,160	\$50,131	\$4,757	\$3,014,694	0.96849733	\$2,919,723
Jul-17	\$3,255,882	\$257,858	\$57,537	\$2,218	\$3,573,495	0.99831438	\$3,567,471
Aug-17	\$2,956,374	\$222,538	\$144,628	\$3,056	\$3,326,596	0.99962422	\$3,325,345
Sep-17	\$2,755,552	\$207,407	\$67,665	\$8,009	\$3,038,633	0.99969235	\$3,037,698
Oct-17	\$2,646,251	\$199,180	\$1,824	\$7,019	\$2,854,274	0.99970809	\$2,853,441
Nov-17	\$2,691,475	\$202,584	\$229	\$3,979	\$2,898,267	1.00000000	\$2,898,267
Dec-17	\$4,199,115	\$316,062	\$22,802	\$4,059	\$4,542,038	0.99919810	\$4,538,396
Jan-18	\$8,884,910	\$668,757	(\$2,511)	\$4,831	\$9,555,986	0.99949245	\$9,551,136
Feb-18	\$3,086,649	\$232,328	(\$144,045)	\$8,525	\$3,183,458	0.99956542	\$3,182,074
Mar-18	\$3,873,625	\$291,563	\$2,313	\$5,541	\$4,173,042	0.99947889	\$4,170,867
Apr-18	\$2,992,887	\$225,271	\$119,402	\$5,547	\$3,343,107	0.99958669	\$3,341,725
May-18	\$2,370,661	\$178,437	\$392	\$5,861	\$2,555,350	0.99963084	\$2,554,407
Jun-18	\$2,870,536	\$216,062	\$59,411	\$3,758	\$3,149,766	0.99963759	\$3,148,625
Jul-18	\$3,654,141	\$275,043	\$67,218	\$2,722	\$3,999,124	0.99960887	\$3,997,559
Aug-18	\$3,915,541	\$294,718	(\$382,028)	\$2,732	\$3,830,963	0.99962180	\$3,829,514
Sep-18	\$3,303,255	\$248,632	\$65,640	\$3,767	\$3,621,295	0.99965969	\$3,620,062
Oct-18	\$3,380,884	\$254,475	(\$1,515)	\$4,447	\$3,638,292	0.99969514	\$3,637,182
Nov-18	\$3,457,500	\$260,242	\$1,852	\$3,249	\$3,722,842	1.00000000	\$3,722,842
Dec-18	\$3,645,952	\$274,427	\$227	\$4,125	\$3,924,731	0.99961487	\$3,923,219
Jan-19							
Feb-19							

Month	(6)	(9)	(10)	(11)-(9)+(10)	(12)	(13)	(14)-(13)+(13)	(15)-(14)+(14)	(16)-(15)+(15)	(17)-(Cumulative from (16))	(18)-(17)+(17)	(19)-(18)+(18)	(20)-(19)+(19)	(21)-(20)+(20)
	Default Supplier and PECO Provided Current Revenue for Facility Services and AEPs Capacity Excl GRT	Current Revenue for Administrative Cost Excl GRT	Total Current Period Revenue Excl GRT	F Factor Excl Interest and GRT for 1 month recovery	F Factor Excl Interest and GRT for 6 month recovery	F Factor Excl Interest and Prior Period Revenue Excl GRT	Total Current and Prior Period Revenue Excl GRT	Cumulative Over/(Under) Collection	Monthly Over/(Under) Collection for 6 Month Recovery	Cumulative Over/(Under) Collection for 6 Month Recovery	Monthly Over/(Under) Collection for 6 Month Recovery	Cumulative Over/(Under) Collection for 6 Month Recovery	Monthly Over/(Under) Collection for 6 Month Recovery	Cumulative Over/(Under) Collection for 6 Month Recovery
Jun-16	\$1,633,729	\$148,516	\$3,249	\$0	\$287,057	\$287,057	\$1,498,437	\$498,763		\$498,763		\$1,005,011		\$1,005,011
Jul-16	\$2,012,041	\$154,309	\$2,986	\$520,456	\$315,088	\$2,074,814	\$2,074,814	(\$543,345)		(\$74,982)		\$930,029		(\$56,988)
Aug-16	\$2,528,618	\$167,950	\$2,907	\$379,863	\$205,898	\$2,374,814	\$2,374,814	(\$340,398)		(\$423,980)		\$504,846		(\$24,330)
Sep-16	\$1,987,983	\$148,349	\$3,974	\$2,699,475	\$163,281	\$2,862,756	\$2,862,756	\$686,502		\$358,522		\$278,164		\$899,184
Oct-16	\$1,463,952	\$127,222	\$3,439	\$2,140,306	\$149,537	\$1,890,477	\$1,890,477	(\$615,396)		(\$356,874)		\$94,627		(\$431,859)
Nov-16	\$1,406,026	\$120,484	\$2,951	\$1,629,461	\$171,359	\$1,467,769	\$1,467,769	\$329,137		\$27,237		(\$76,699)		\$500,463
Dec-16	\$1,406,026	\$120,484	\$2,951	\$1,629,461	\$171,359	\$1,467,769	\$1,467,769	\$329,137		\$27,237		(\$76,699)		\$500,463
Jan-17	\$2,133,529	\$154,320	\$3,640	\$1,870,649	(\$150,764)	\$2,728,600	\$2,728,600	(\$296,088)		(\$296,088)		(\$227,453)		\$897,073
Feb-17	\$1,729,076	\$136,816	\$3,640	\$1,870,649	(\$1,453)	\$2,046,276	\$2,046,276	(\$240,992)		(\$51,729)		(\$227,453)		\$897,073
Mar-17	\$1,690,076	\$131,834	\$3,450	\$1,825,360	(\$1,127)	\$1,971,061	\$1,971,061	(\$240,992)		(\$51,729)		(\$227,453)		\$897,073
Apr-17	\$1,903,010	\$131,834	\$3,200	\$2,038,274	\$8,407	\$3,449,774	\$3,449,774	(\$161,551)		(\$161,551)		(\$227,453)		\$897,073
May-17	\$1,708,216	\$127,115	\$2,839	\$1,838,170	(\$237)	\$3,074,336	\$3,074,336	\$696,469		\$102,896		(\$227,453)		\$897,073
			\$2,839	\$1,838,170	(\$1,070)	\$1,692,692	\$1,692,692	\$799,865		\$799,865		(\$227,453)		\$897,073

PECO GSA 4 (Hourly) Actual Monthly Over/(Under) Collections
For the Period January 1, 2011 through May 31, 2017

Month	Default Supplier and PECO Provided Current Revenue for Services and AEPS Excl Energy, Capacity Excl GRT	Default Supplier and PECO Provided Current Revenue for Ancillary Services and AEPS Excl GRT	Current Revenue for Administrative Cost Excl GRT	Total Current Period Revenue Excl GRT	E Factor and GRT for 12 month recovery	E Factor Excl Interest and GRT for 12 month recovery	E Factor Excl Interest Total Prior Period Revenue Excl GRT	Total Current and Prior Period Revenue Excl GRT	(15)=(11)+(14)	(16)=(15)-(7)	(17)=Cumulative from (16)
	(8)	(9)	(10)	(11)=(8)+(9)+(10)	(12)	(13)	(14)=(12)+(13)	(15)=(11)+(14)	(16)=(15)-(7)	(17)=Cumulative from (16)	
Jun-13	\$3,053,361	\$16,155,533	\$13,087	\$3,229,001	\$884,388	\$0	\$884,388	\$4,112,389	\$653,659	(\$1,323,181)	
Jul-13	\$2,757,431	\$181,216	\$15,974	\$2,954,621	\$257,931	\$0	\$257,931	\$3,212,552	\$0	(\$469,522)	
Aug-13	\$2,356,806	\$171,542	\$2,879	\$2,550,227	(\$176,633)	\$0	(\$176,633)	\$2,373,594	\$600,145	\$130,623	
Sep-13	\$2,121,936	\$156,633	\$16,855	\$2,295,024	\$349,814	\$0	\$349,814	\$2,645,438	\$93,867	(\$191,073)	
Oct-13	\$2,311,297	\$167,401	\$14,866	\$2,493,364	\$98,789	\$0	\$98,789	\$2,592,153	\$150,733	(\$97,206)	
Nov-13	\$2,597,010	\$187,978	\$16,233	\$2,801,221	(\$464,902)	\$0	(\$464,902)	\$2,336,319	(\$432,290)	\$53,527	
Dec-13	\$5,619,822	\$224,998	\$15,037	\$5,859,857	\$224,993	\$0	\$224,993	\$6,084,850	(\$4,509,502)	(\$4,888,265)	
Jan-14	\$9,236,649	\$231,197	\$19,923	\$9,487,769	\$486,540	\$0	\$486,540	\$9,974,309	\$5,437,093	\$548,828	
Feb-14	\$4,404,096	\$183,399	\$19,706	\$4,607,291	(\$66,893)	\$0	(\$66,893)	\$4,540,398	(\$83,270)	\$465,558	
Mar-14	\$2,523,646	\$140,188	\$20,984	\$2,684,818	(\$94,944)	\$0	(\$94,944)	\$2,589,874	\$353,379	\$818,937	
Apr-14	\$2,013,970	\$128,756	\$16,618	\$2,158,344	(\$419,004)	\$0	(\$419,004)	\$1,740,340	(\$163,146)	\$665,791	
May-14	\$1,492,790	\$200,170	\$11,090	\$1,704,050	\$161,690	\$0	\$161,690	\$1,865,740	\$55,956	\$711,747	
Jun-14	\$1,715,473	\$208,667	\$9,012	\$1,933,152	(\$10,180)	\$0	(\$10,180)	\$1,922,972	(\$69,889)	\$641,858	
Jul-14	\$1,523,722	\$211,403	\$9,148	\$1,744,273	(\$384,363)	\$0	(\$384,363)	\$1,359,910	(\$304,363)	\$337,495	
Aug-14	\$1,349,755	\$196,417	\$17,067	\$1,563,239	\$443,462	\$0	\$443,462	\$1,119,777	(\$368,543)	(\$31,048)	
Sep-14	\$1,116,309	\$177,641	\$12,754	\$1,306,704	\$113,489	\$0	\$113,489	\$1,420,193	(\$29,430)	(\$60,478)	
Oct-14	\$1,371,436	\$181,196	\$12,754	\$1,565,386	\$60,363	\$0	\$60,363	\$1,623,256	(\$41,892)	(\$102,370)	
Nov-14	\$1,261,741	\$187,626	\$7,752	\$1,457,119	(\$85,748)	\$0	(\$85,748)	\$1,371,371	(\$228,834)	(\$31,204)	
Dec-14	\$1,051,908	\$228,984	\$9,892	\$1,290,784	(\$55,939)	\$0	(\$55,939)	\$1,834,845	\$247,104	(\$94,100)	
Jan-15	\$2,644,285	\$248,594	\$11,138	\$2,904,017	\$212,516	\$0	\$212,516	\$3,116,533	(\$879,928)	(\$64,028)	
Feb-15	\$3,335,648	\$183,178	\$12,760	\$3,531,586	\$144,697	\$0	\$144,697	\$3,676,283	\$975,543	\$11,515	
Mar-15	\$1,705,860	\$175,686	\$14,863	\$1,896,409	\$121,377	\$0	\$121,377	\$2,017,786	\$541,037	\$552,552	
Apr-15	\$1,225,246	\$141,024	\$12,223	\$1,378,493	(\$327,809)	\$0	(\$327,809)	\$1,050,684	(\$403,391)	\$149,161	
May-15	\$1,553,776	\$121,516	\$7,021	\$1,682,313	\$704,950	\$0	\$704,950	\$1,987,263	\$737,966	\$887,127	
Jun-15	\$1,478,713	\$182,676	\$7,796	\$1,669,185	(\$86,686)	\$0	(\$86,686)	\$1,586,600	(\$488,709)	\$398,418	
Jul-15	\$1,583,143	\$175,006	\$7,561	\$1,765,710	\$413,734	\$0	\$413,734	\$1,951,976	(\$245,976)	\$152,442	
Aug-15	\$1,120,395	\$133,531	\$7,812	\$1,261,738	\$188,704	\$0	\$188,704	\$1,566,085	\$166,641	\$183,595	
Sep-15	\$1,000,563	\$117,860	\$9,911	\$1,128,334	(\$86,638)	\$0	(\$86,638)	\$988,690	(\$207,440)	(\$23,845)	
Oct-15	\$1,099,092	\$151,267	\$6,897	\$1,257,256	(\$136,630)	\$0	(\$136,630)	\$1,130,732	\$52,167	\$28,322	
Nov-15	\$1,550,771	\$167,693	\$3,348	\$1,721,812	\$443,765	\$0	\$443,765	\$1,905,577	\$442,893	\$471,215	
Dec-15	\$1,287,209	\$144,407	\$2,003	\$1,433,630	(\$317,844)	\$0	(\$317,844)	\$1,115,786	(\$141,380)	\$329,835	
Jan-16	\$890,166	\$786,036	\$2,055	\$876,286	(\$41,626)	\$0	(\$41,626)	\$965,105	(\$64,611)	\$295,224	
Feb-16	\$786,036	\$87,595	\$2,055	\$876,286	(\$108,946)	\$0	(\$108,946)	\$767,340	(\$179,883)	\$85,341	
Mar-16	\$1,104,480	\$111,841	\$7,510	\$1,223,831	\$7,751	\$0	\$7,751	\$1,095,944	\$116,392	\$201,733	
Apr-16	\$1,118,204	\$95,778	\$2,717	\$1,216,700	(\$145,533)	\$0	(\$145,533)	\$1,073,505	\$24,235	\$225,968	
May-16	\$1,293,114	\$87,958	\$1,651	\$1,382,723	(\$34,664)	\$0	(\$34,664)	\$1,180,969	(\$314,345)	(\$88,377)	
Jun-16	\$1,128,614	\$88,553	\$1,584	\$1,218,751	\$42,981	\$0	\$42,981	\$1,425,637	\$586,280	\$497,903	
Jul-16	\$835,204	\$76,952	\$2,413	\$914,569	(\$93,221)	\$0	(\$93,221)	\$1,126,359	(\$105,147)	\$392,756	
Aug-16	\$920,793	\$70,169	\$2,110	\$993,072	(\$113,640)	\$0	(\$113,640)	\$800,626	(\$29,833)	\$362,923	
Sep-16	\$1,648,008	\$143,870	\$1,774	\$892,736	\$159,272	\$0	\$159,272	\$1,052,008	\$273,187	\$636,110	
Oct-16	\$1,316,369	\$99,906	\$3,681	\$1,419,955	(\$548,670)	\$0	(\$548,670)	\$1,246,889	(\$112,601)	\$523,509	
Nov-16	\$1,204,435	\$89,796	\$2,485	\$1,296,716	(\$36,864)	\$0	(\$36,864)	\$1,381,931	\$65,981	\$569,490	
Dec-16	\$1,370,097	\$104,012	\$2,868	\$1,476,977	\$12,674	\$0	\$12,674	\$1,225,390	\$21,542	\$611,032	
Jan-17	\$1,156,554	\$81,820	\$2,072	\$1,240,446	(\$148,245)	\$0	(\$148,245)	\$1,328,732	(\$216,293)	\$394,739	
Feb-17	\$1,218,436	\$95,788	\$2,062	\$1,316,286	(\$333,177)	\$0	(\$333,177)	\$907,269	(\$152,003)	\$242,736	
Mar-17					(\$119,499)	\$0	(\$119,499)	\$1,196,787	(\$804,938)	(\$562,202)	

PECO GSA 3/4 (Hourly) Actual Monthly Over/(Under) Collections
through December 31, 2018 and January and February 2019 and February 2019

Prior Period Revenue for Over/(Under) Excluding GRT

Current Revenue for Over/(Under) Excluding GRT

Month	Default Supplier and PECO Provided Current Revenue for Capacity Excl GRT	Default Supplier and PECO Provided Current Revenue for Ancillary Services and AEPs Excl GRT	Current Revenue for Administrative Cost Excl GRT	Total Current Period Revenue Excl GRT	E Factor Excl Interest and GRT for 6 month recovery	E Factor Excl Interest and GRT for 1 month recovery	E Factor Excl Interest Total Prior Period Revenue Excl GRT	Total Current and Prior Period Revenue Excl GRT	Monthly Over/(Under) Collection	Cumulative Over/(Under) Collection
	(8)	(9)	(10)	(11)=(8)+(9)+(10)	(12)	(13)	(14)=(12)+(13)	(15)=(11)+(14)	(16)=(15)-(7)	(17)=Cumulative from (16)
May-17	\$2,887,965	\$474,185	\$1,608	\$3,363,758	\$0	(\$48,643)	(\$48,643)	\$3,315,115	\$396,578	\$287,163
Jun-17	\$3,310,696	\$578,579	\$1,529	\$3,890,804	\$0	(\$30,129)	(\$30,129)	\$3,860,675	\$293,204	\$633,741
Jul-17	\$2,906,615	\$484,152	\$1,475	\$3,392,242	\$0	(\$27,348)	(\$27,348)	\$3,364,894	\$39,549	\$926,945
Aug-17	\$2,781,944	\$227,737	\$5,984	\$3,015,665	\$0	(\$126,613)	(\$126,613)	\$2,889,052	(\$148,646)	\$966,494
Sep-17	\$2,957,686	\$218,563	\$5,949	\$3,182,198	\$0	(\$126,450)	(\$126,450)	\$3,055,748	\$202,307	\$817,848
Oct-17	\$2,632,674	\$187,832	\$5,249	\$2,825,755	\$0	(\$109,845)	(\$109,845)	\$2,715,910	(\$182,357)	\$1,020,155
Nov-17	\$3,296,278	\$259,119	\$6,830	\$3,562,227	\$0	(\$119,615)	(\$119,615)	\$3,442,612	(\$1,095,784)	\$687,798
Jan-18	\$9,469,666	\$313,941	\$8,272	\$9,791,879	\$0	(\$142,057)	(\$142,057)	\$9,649,822	\$98,866	(\$257,986)
Feb-18	\$5,143,488	\$259,697	\$6,898	\$5,410,083	\$0	(\$95,877)	(\$95,877)	\$5,314,206	\$2,132,132	(\$159,300)
Mar-18	\$3,009,798	\$227,298	\$6,725	\$3,243,701	\$0	\$62,644	\$62,644	\$3,306,345	(\$864,522)	\$1,108,310
Apr-18	\$3,094,635	\$209,835	\$6,304	\$3,310,774	\$0	\$72,683	\$72,683	\$3,383,457	\$41,732	\$1,150,042
May-18	\$2,723,512	\$182,612	\$4,995	\$2,911,119	\$0	\$62,651	\$62,651	\$2,973,770	\$419,363	\$1,569,405
Jun-18	\$3,082,142	\$262,723	\$3,036	\$3,347,901	\$0	\$74,253	\$74,253	\$3,422,154	\$273,529	\$1,842,934
Jul-18	\$3,554,749	\$283,178	\$3,206	\$3,841,133	\$0	\$79,357	\$79,357	\$3,920,490	(\$77,069)	\$1,765,865
Aug-18	\$3,510,587	\$273,139	\$3,184	\$3,786,910	\$0	\$50,030	\$50,030	\$3,836,940	\$7,426	\$1,773,291
Sep-18	\$3,790,869	\$266,635	\$4,625	\$4,062,129	\$0	(\$295,061)	(\$295,061)	\$3,767,068	\$147,006	\$1,920,297
Oct-18	\$3,526,525	\$242,303	\$4,404	\$3,773,232	\$0	(\$311,393)	(\$311,393)	\$3,461,839	(\$175,343)	\$1,744,954
Nov-18	\$2,980,294	\$183,369	\$3,307	\$3,166,970	\$0	(\$235,124)	(\$235,124)	\$2,931,846	(\$790,996)	\$953,958
Dec-18	\$4,400,898	\$266,847	\$4,381	\$4,672,126	\$0	(\$411,740)	(\$411,740)	\$4,260,386	\$357,186	\$1,311,144
Jan-19					\$0	(\$393,322)	(\$393,322)			
Feb-19					\$0	(\$320,247)	(\$320,247)			

PECO GSA 3 Actual Interest Calculation
For the Period January 1, 2011 through May 31, 2016

Month	Current Period Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate	Interest Time Factor	Interest Time Factor Denominator	Total Interest to be Returned to Customers	Interest Revenue Excl GRT in E Factor Returned to Customers for 3 month recovery	Interest Revenue Excl GRT in E Factor Returned to Customers for 12 month recovery	Monthly Portion of Interest, Net of Interest Revenue, for 6 Month Recovery	Cumulative Portion of Interest, Net of Interest Revenue, for 6 Month Recovery	Monthly Portion of Interest, Net of Interest Revenue, for 1 Month Recovery	Cumulative Portion of Interest, Net of Interest Revenue, for 1 Month Recovery
	(1) = (11) from Attachment 3, page 8	(2) = (7) from Attachment 3, page 4	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(11) = (8) from Mar 2016 to May 2016	(12) = Cumulative from 2016 to May 2016	(13) = (7) from Mar 2016 to May 2016	(14) = Cumulative from (13)
Jun-13	\$5,101,368	\$5,226,729	(\$125,361)	6.00%	6.5	12	(\$4,074)	\$0	\$0				
Jul-13	\$4,756,546	\$4,595,391	\$161,155	8.00%	5.5	12	\$5,909	\$0	\$0				
Aug-13	\$4,498,029	\$4,129,961	\$368,068	8.00%	7.5	12	\$18,403	\$17,811	\$0				
Sep-13	\$4,007,816	\$3,982,968	\$24,848	8.00%	6.5	12	\$1,077	\$15,869	\$0				
Oct-13	\$3,767,932	\$3,895,757	(\$128,137)	6.00%	5.5	12	(\$3,524)	\$14,911	\$0				
Nov-13	\$4,351,004	\$4,350,882	\$10,122	8.00%	7.5	12	\$5,006	\$0	\$0				
Dec-13	\$4,784,648	\$4,590,250	\$194,398	8.00%	6.5	12	\$8,857	\$0	\$0				
Jan-14	\$4,482,370	\$3,975,608	\$506,762	8.00%	5.5	12	\$18,581	\$0	\$0				
Feb-14	\$4,105,867	\$4,183,525	(\$77,658)	6.00%	7.5	12	(\$1,912)	(\$5,648)	\$0				
Mar-14	\$3,735,144	\$3,598,644	\$136,500	8.00%	6.5	12	\$8,082	(\$5,137)	\$0				
Apr-14	\$3,439,998	\$3,972,752	(\$532,754)	6.00%	5.5	12	(\$14,651)	(\$4,729)	\$0				
May-14	\$3,915,316	\$4,086,328	(\$171,012)	6.00%	7.5	12	(\$6,413)	(\$10,822)	\$0				
Jun-14	\$4,307,546	\$4,443,089	(\$135,543)	6.00%	6.5	12	(\$4,405)	(\$12,012)	\$0				
Jul-14	\$4,148,186	\$4,153,978	(\$5,792)	6.00%	5.5	12	(\$1,589)	(\$11,570)	\$0				
Aug-14	\$4,125,871	\$3,778,736	\$347,135	8.00%	7.5	12	\$17,357	\$5,782	\$0				
Sep-14	\$3,556,081	\$3,566,081	\$0	6.00%	6.5	12	(\$968)	\$4,986	\$0				
Oct-14	\$3,555,392	\$3,567,073	(\$11,681)	6.00%	5.5	12	(\$321)	\$4,983	\$0				
Nov-14	\$4,489,185	\$4,354,233	\$134,952	8.00%	7.5	12	\$6,748	\$5,970	\$0				
Dec-14	\$4,605,585	\$4,739,125	(\$133,540)	8.00%	11	12	\$8,171	\$6,445	\$0				
Jan-15	\$4,170,413	\$4,146,650	\$23,763	8.00%	10	12	\$25,013	\$6,124	\$0				
Feb-15	\$3,654,607	\$3,770,018	(\$115,411)	6.00%	9	12	\$1,426	(\$1,088)	\$0				
Mar-15	\$3,550,487	\$4,210,329	(\$659,842)	6.00%	8	12	(\$23,094)	(\$9,712)	\$0				
Apr-15	\$3,477,121	\$3,441,136	\$35,985	8.00%	7	12	\$1,439	\$9,474	\$0				
May-15	\$3,741,513	\$3,778,984	(\$37,471)	6.00%	6	12	(\$2,061)	\$0	\$0				
Jun-15	\$3,812,162	\$3,884,215	(\$72,053)	6.00%	11	12	(\$3,603)	\$0	\$0				
Jul-15	\$3,728,607	\$3,693,655	\$34,952	8.00%	10	12	\$7,533	\$0	\$0				
Aug-15	\$3,279,021	\$3,138,656	\$140,365	8.00%	9	12	\$7,475	\$0	\$0				
Sep-15	\$2,695,841	\$2,926,473	(\$230,632)	6.00%	8	12	(\$1,072)	\$0	\$0				
Oct-15	\$3,901,797	\$3,593,244	\$308,553	8.00%	7	12	\$12,342	\$0	\$0				
Nov-15	\$4,445,512	\$3,650,575	\$794,937	3.50%	6	12	\$15,002	\$0	\$0				
Dec-15	\$4,172,932	\$3,650,674	\$522,258	3.50%	8	12	\$10,653	\$0	\$0				
Jan-16	\$3,507,837	\$3,909,810	(\$401,973)	3.50%	7	12	(\$5,276)	\$0	\$0				
Feb-16	\$3,110,719	\$3,397,015	(\$286,296)	3.50%	4.5	12	(\$3,758)	(\$12,002)	\$0				
Mar-16	\$3,032,605	\$2,972,544	\$60,061	3.50%	4.5	12	\$788	(\$11,188)	\$0				
Apr-16									\$57,192	(\$5,276)	(\$12,902)	(\$5,276)	
May-16									\$44,290	(\$3,849)	(\$11,441)	(\$3,849)	(\$9,034)
									\$23,815	\$788	(\$11,188)	\$788	(\$6,246)
									\$13,415				

PECO GSA 3 (Hourly) Actual Interest Calculation
For the Period June 1, 2016 through May 31, 2017

Month	Current Period Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate Time Factor	Interest Time Factor Denominator	Total Interest to be Returned to Customers	Interest Revenue Excl GRT in E Factor Returned to Customers for 1 month recovery	Interest Revenue Excl GRT in E Factor Returned to Customers for 6 month recovery	Cumulative Interest to be Returned to Customers from Customers	Monthly Portion of Interest, Net of Interest Revenue, for 6 Month Recovery	Cumulative Portion of Interest, Net of Interest Revenue, for 6 Month Recovery	Monthly Portion of Interest, Net of Interest Revenue, for 1 Month Recovery	Cumulative Portion of Interest, Net of Interest Revenue, for 1 Month Recovery	
	(1) = (11) from Attachment 3, Page 9	(2) = (7) from Attachment 3, Page 5	(3) = (1) - (2)	(4)	(5)	(6) = (3) x (4) x (5) / (6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(10) = (7) + (8) + (9)	(11) = (9) from Jun 2016 to Nov 2016	(12) = (7) + (8) to Jun 2016 to Nov 2016	(13) = (7) + (8) to Jun 2016 to Nov 2016	(14) = Cumulative from (13)
May-16	\$1,785,494	\$2,041,782	(\$256,288)	3.50%	4.5	(\$3,364)	(\$3,364)	(\$3,364)	\$13,415	(\$1,364)	\$21,651	(\$3,364)	(\$8,246)	
Jun-16	\$2,188,036	\$2,724,232	(\$555,296)	3.50%	4.5	(\$7,284)	(\$7,284)	(\$6,624)	\$3,607	(\$1,364)	\$15,277	(\$3,364)	(\$11,610)	
Jul-16	\$2,699,475	\$2,180,254	\$519,221	3.50%	4.5	\$6,815	\$6,815	(\$4,280)	(\$3,345)	(\$4,280)	\$8,653	(\$3,364)	(\$11,998)	
Aug-16	\$2,140,306	\$1,995,873	\$144,433	3.50%	4.5	\$1,806	\$1,806	(\$3,654)	\$3,063	(\$4,280)	\$4,364	\$11,597	(\$401)	
Sep-16	\$1,594,013	\$1,526,213	\$67,800	3.50%	4.5	\$800	\$800	(\$3,364)	(\$5,350)	(\$3,364)	\$710	(\$5,650)	(\$6,060)	
Oct-16	\$1,529,461	\$1,491,243	\$38,218	3.50%	4.5	\$502	\$502	(\$3,364)	(\$1,884)	(\$3,364)	(\$2,677)	\$6,853	\$793	
Nov-16	\$1,952,769	\$1,891,121	\$61,648	3.75%	4.5	(\$530)	(\$530)	(\$92)	\$7,298	(\$3,364)	(\$2,677)	\$6,853	\$793	
Dec-16	\$2,290,649	\$2,071,667	\$218,982	3.75%	4.5	\$3,070	(\$3,070)	(\$92)	(\$3,442)	(\$3,054)	(\$5,731)	\$12,236	\$13,029	
Jan-17	\$1,875,731	\$1,731,059	\$144,672	4.00%	9	\$2,487	(\$2,487)	(\$81)	\$503	(\$81)	\$503			
Feb-17	\$1,820,342	\$2,260,820	(\$440,478)	4.00%	9	\$3,579	(\$3,579)	\$807	(\$8,525)	\$807	(\$8,525)			
Mar-17	\$2,038,274	\$1,809,889	\$228,385	4.00%	8	\$6,000	(\$6,000)	(\$17)	(\$1,959)	(\$17)	(\$1,959)			
Apr-17	\$1,838,170	\$936,223	\$901,947	4.00%	7	\$19,645	(\$19,645)	(\$82)	\$15,524	(\$82)	\$15,524			

PECO GSA 4 (Hourly) Actual Interest Calculation
For the Period January 1, 2011 through May 31, 2017

Month	Current Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate	Interest Time Factor	Interest Time Factor Denominator	Total Interest to be Returned to Customers	Interest Revenue Excl GRT in E Factor Recovered from Customers for 1 month recovery	Interest Revenue Excl GRT in E Factor Recovered from Customers for 1 month recovery	Cumulative Interest to be Returned to Customers
Jun-13	\$3,228,001	\$3,258,730	(\$30,729)	6.00%	4.5	12	(\$691)	\$7,724	\$0	\$317,805
Jul-13	\$2,954,621	\$2,612,407	\$342,214	8.00%	4.5	12	\$10,266	(\$338,270)	\$0	\$324,838
Sep-13	\$2,550,227	\$2,695,290	(\$145,063)	6.00%	4.5	12	(\$3,264)	\$18,399	\$0	(\$3,166)
Oct-13	\$2,295,624	\$2,551,571	(\$255,947)	6.00%	4.5	12	(\$5,759)	\$3,570	\$0	\$11,969
Nov-13	\$2,493,364	\$2,441,420	\$51,944	8.00%	4.5	12	\$1,558	(\$10,977)	\$0	\$9,780
Dec-13	\$2,801,221	\$2,768,609	\$32,612	8.00%	4.5	12	\$978	(\$12,234)	\$0	\$361
Jan-14	\$5,859,857	\$10,594,352	(\$4,734,495)	6.00%	4.5	12	(\$106,526)	\$8,824	\$0	(\$10,895)
Feb-14	\$9,487,769	\$4,537,216	\$4,950,553	8.00%	3.5	12	\$115,513	\$10,351	\$0	(\$108,597)
Mar-14	\$4,607,291	\$4,623,668	(\$16,377)	6.00%	4.5	12	(\$368)	\$0	\$0	\$16,899
Apr-14	\$2,684,818	\$2,236,495	\$448,323	8.00%	4.5	12	\$13,450	(\$3,273)	\$0	\$27,076
May-14	\$2,159,344	\$1,903,486	\$255,858	8.00%	4.5	12	\$7,676	(\$14,350)	\$0	\$20,402
Jun-14	\$1,704,050	\$1,809,784	(\$105,734)	6.00%	4.5	12	(\$2,379)	\$3,170	\$0	\$21,193
Jul-14	\$1,933,152	\$1,992,861	(\$59,709)	6.00%	4.5	12	(\$1,343)	\$5,090	\$0	\$24,940
Aug-14	\$1,744,273	\$1,664,273	\$80,000	8.00%	4.5	12	\$2,400	(\$15,753)	\$0	\$11,587
Sep-14	\$1,563,239	\$1,488,320	\$74,919	8.00%	4.5	12	\$2,248	(\$14,982)	\$0	(\$1,147)
Oct-14	\$1,306,704	\$1,449,623	(\$142,919)	6.00%	4.5	12	(\$3,216)	\$2,468	\$0	(\$1,895)
Nov-14	\$1,562,893	\$1,665,148	(\$102,255)	6.00%	4.5	12	(\$2,301)	\$4,643	\$0	(\$5,835)
Dec-14	\$1,457,119	\$1,600,205	(\$143,086)	6.00%	4.5	12	(\$3,219)	(\$4,865)	\$0	(\$1,609)
Jan-15	\$1,890,784	\$1,587,741	\$303,043	8.00%	4.5	12	\$9,091	\$10,626	\$0	\$24,940
Feb-15	\$2,904,017	\$3,996,461	(\$1,092,444)	6.00%	4.5	12	(\$24,580)	\$3,365	\$0	\$15,563
Mar-15	\$3,531,586	\$2,700,740	\$830,846	8.00%	4.5	12	\$24,925	\$0	\$0	\$12,727
Apr-15	\$1,896,409	\$1,476,749	\$419,660	8.00%	4.5	12	\$12,590	\$0	\$0	\$25,317
May-15	\$1,378,493	\$1,454,075	(\$75,582)	6.00%	4.5	12	(\$1,701)	(\$8,920)	\$0	\$14,696
Jun-15	\$1,282,313	\$1,249,297	\$33,016	8.00%	4.5	12	\$990	\$13,733	\$0	\$29,419
Jul-15	\$1,669,185	\$1,571,208	\$97,977	8.00%	4.5	12	\$2,939	(\$14,239)	\$0	\$18,119
Aug-15	\$1,765,710	\$1,597,952	\$167,758	8.00%	4.5	12	\$5,033	(\$15,515)	\$0	\$7,637
Sep-15	\$1,261,738	\$1,585,930	(\$324,192)	6.00%	4.5	12	(\$7,294)	\$2,775	\$0	\$3,118
Oct-15	\$1,652,723	\$1,399,444	\$253,279	8.00%	4.5	12	\$7,598	\$0	\$0	\$10,716
Nov-15	\$1,125,320	\$1,196,130	(\$70,810)	6.00%	4.5	12	(\$1,593)	(\$4,969)	\$0	\$4,154
Dec-15	\$1,258,419	\$1,078,565	\$179,854	8.00%	4.5	12	\$5,396	(\$3,547)	\$0	\$6,003
Jan-16	\$1,521,812	\$1,522,684	(\$872)	3.50%	4.5	12	(\$11)	\$8,020	\$0	\$14,012
Feb-16	\$1,433,630	\$1,257,166	\$176,464	3.50%	4.5	12	\$2,316	(\$8,598)	\$0	\$7,730
Mar-16	\$1,006,731	\$1,029,716	(\$22,985)	3.50%	4.5	12	(\$302)	(\$1,542)	\$0	\$5,866
Apr-16	\$876,286	\$947,223	(\$70,937)	3.50%	4.5	12	(\$931)	(\$3,750)	\$0	\$1,205
May-16	\$1,088,193	\$979,552	\$108,641	3.50%	4.5	12	\$1,426	\$284	\$0	\$2,915
Jun-16	\$1,219,038	\$1,049,270	\$169,768	3.50%	4.5	12	\$2,228	(\$1,476)	\$0	\$3,667
Jul-16	\$1,215,633	\$1,495,314	(\$279,681)	3.50%	4.5	12	(\$3,671)	(\$1,118)	\$0	(\$1,122)
Aug-16	\$1,382,656	\$839,357	\$543,299	3.50%	4.5	12	\$7,131	\$634	\$0	\$6,643
Sep-16	\$1,219,580	\$1,231,506	(\$11,926)	3.50%	4.5	12	(\$157)	(\$1,295)	\$0	\$5,191
Oct-16	\$914,266	\$830,459	\$83,807	3.50%	4.5	12	\$1,100	(\$1,554)	\$0	\$4,737
Nov-16	\$892,736	\$778,821	\$113,915	3.50%	4.5	12	\$1,495	\$2,128	\$0	\$8,360
Dec-16	\$1,795,559	\$1,359,490	\$436,069	3.75%	4.5	12	\$6,132	(\$7,272)	\$0	\$7,220
Jan-17	\$1,418,795	\$1,315,950	\$102,845	3.75%	4.5	12	\$1,446	\$0	\$0	\$8,666
Feb-17	\$1,212,716	\$1,203,848	\$8,868	3.75%	5.5	12	\$152	\$221	\$0	\$9,039
Mar-17	\$1,476,977	\$1,545,025	(\$68,048)	4.00%	9.0	12	(\$2,041)	(\$2,047)	\$0	\$4,951
Apr-17	\$1,240,446	\$1,059,272	\$181,174	4.00%	8.0	12	\$4,831	(\$5,129)	\$0	\$4,653
May-17	\$1,316,286	\$2,001,725	(\$685,439)	4.00%	7.0	12	(\$15,994)	(\$1,687)	\$0	(\$13,028)

PECO GSA 3/4 (Hourly) Actual Interest Calculation
through December 31, 2018
and January 2019 and February 2019

Month	Current Period Portion of Revenue	Total Cost	Current Over/(Under) Collection for Interest	Interest Rate	Interest Time Factor	Interest Factor Denominator	Total Interest to be Returned to / (Recovered from) Customers	Interest Revenue Excl GRT in E Factor Recovered from / (Returned to) Customers for 1 month recovery	Interest Revenue Excl GRT in E Factor Recovered from / (Returned to) Customers for 6 month recovery	Cumulative Interest to be Returned to / (Recovered from) Customers
	(1) = (11) from Attachment 3, Page 11	(2) = (7) from Attachment 3, Page 7	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(10) = (7) + (8) + (9)
May-17	\$3,363,758	\$2,919,723	\$444,035	4.25%	6	12	\$9,855	(\$1,314)	\$0	\$2,496
Jun-17	\$3,890,804	\$3,567,471	\$323,333	4.25%	11	12	\$12,597	(\$848)	\$0	\$11,037
Jul-17	\$3,392,242	\$3,325,345	\$66,897	4.25%	10	12	\$2,369	(\$787)	\$0	\$22,786
Sep-17	\$3,015,665	\$3,037,698	(\$22,033)	4.25%	9	12	(\$702)	(\$2,107)	\$0	\$24,368
Oct-17	\$3,182,198	\$2,853,441	\$328,757	4.25%	8	12	\$9,315	(\$2,106)	\$0	\$21,559
Nov-17	\$2,825,755	\$2,898,267	(\$72,512)	4.25%	7	12	(\$1,798)	(\$1,831)	\$0	\$28,768
Dec-17	\$3,562,227	\$4,538,396	(\$976,169)	4.50%	6	12	(\$21,964)	(\$2,457)	\$0	\$25,139
Jan-18	\$9,791,879	\$9,551,136	\$240,743	4.50%	11	12	\$9,931	(\$1,971)	\$0	\$7,728
Feb-18	\$5,410,083	\$3,182,074	\$2,228,009	4.50%	10	12	\$83,550	\$552	\$0	\$89,307
Mar-18	\$3,243,701	\$4,170,867	(\$927,166)	4.75%	9	12	(\$33,030)	\$643	\$0	\$56,829
Apr-18	\$3,310,774	\$3,341,725	(\$30,951)	4.75%	8	12	(\$980)	\$555	\$0	\$56,492
May-18	\$2,911,119	\$2,554,407	\$356,712	4.75%	7	12	\$9,884	\$624	\$0	\$66,931
Jun-18	\$3,347,901	\$3,148,625	\$199,276	5.00%	6	12	\$4,982	\$667	\$0	\$72,537
Jul-18	\$3,841,133	\$3,997,559	(\$156,426)	5.00%	11	12	(\$7,170)	\$421	\$0	\$66,034
Aug-18	\$3,786,910	\$3,829,514	(\$42,604)	5.00%	10	12	(\$1,775)	\$421	\$0	\$64,680
Sep-18	\$4,062,129	\$3,620,062	\$442,067	5.25%	9	12	\$17,406	(\$10,741)	\$0	\$71,345
Oct-18	\$3,773,232	\$3,637,182	\$136,050	5.25%	8	12	\$4,762	(\$11,336)	\$0	\$64,771
Nov-18	\$3,166,970	\$3,722,842	(\$555,872)	5.25%	7	12	(\$17,024)	(\$8,559)	\$0	\$39,188
Dec-18	\$4,672,126	\$3,923,219	\$748,907	5.50%	6	12	\$21,836	(\$15,109)	\$0	\$45,915
Jan-19								(\$14,434)	\$0	\$0
Feb-19								(\$11,752)	\$0	\$0

ATTACHMENT 4

PECO ENERGY COMPANY

REVISED GSA TARIFFS

PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19101

For List of Communities Served, See Page 4.

Issued April 16, 2019

Effective June 1, 2019

**ISSUED BY: M. A. Innocenzo – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19101**

NOTICE

LIST OF CHANGES MADE BY THIS SUPPLEMENT

GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASSES 1 AND 2 LOADS UP TO 100KW – 2nd Revised Page No. 34 and 3rd Revised Page No. 35

Reflects quarterly adjustments to the GSA 1 and 2 Procurement Classes pursuant to the Order at Docket No. P-2016-2534980.

GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASS 3/4 LOADS GREATER THAN 100KW – 2nd Revised Page No. 36

Reflects quarterly adjustment for the GSA 3/4 Hourly Pricing Procurement Class pursuant to the Order at Docket No. P-2016-2534980.

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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:

$$GSA(n) = (C-E+A)/S*(1-T)* (1-ALL)/(1-LL) +AEPS/S*(1 - T) + WC \text{ where:}$$

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.

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 = \$.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)	\$0.06211
RH	GSA (1)	\$0.06211
GS	GSA (2)	\$0.05922

(C)

(C) Denotes Change

**GENERATION SUPPLY ADJUSTMENT FOR PROCUREMENT CLASSES 1 AND 2
LOADS UP TO 100KW (CONTINUED)**

PD	GSA (2)	\$0.05822
HT	GSA (2)	\$0.05588
POL*	GSA (2)	\$0.04787
SL-S*	GSA (2)	\$0.04787
TLCL	GSA (2)	\$0.05922
SL-E*	GSA (2)	\$0.04787
AL*	GSA (2)	\$0.04787
SL-C*, **	GSA (2)	\$0.04787

(C)

* Prices shall exclude capacity from the Procurement Class 2 RFP results.

** Rate SL-C will be 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.

(C) Denotes Change

**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

$$\sum \text{PJM}_{\text{DA}} \times \text{usage} / (1-\text{LL})$$

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.

$$((\text{PJM}_{\text{AS}} \times \text{Usage} * 1 / (1-\text{LL}) + \text{AEPS} / \text{S}_{\text{AEPS}} \times \text{Usage})$$

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 = $\sum \text{O}/(\text{U})/\text{S}_{3/4} \times \text{usage}$ 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.

<u>Tariff Rate</u>	<u>GS</u>	<u>PD</u>	<u>HT</u>	<u>EP</u>
Hourly Pricing Adder* (dollars/kWh)	\$0.00441	\$0.00432	\$0.00414	\$0.00414

(C)

* Includes administrative cost (AC), ancillary service charge (AS), E factor (E) and working capital (WC).

(C) Denotes Change