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December 21, 2018

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) – Procurement Classes 1, 2 and 3/4 Hourly Pricing Effective January 1, 2019, Docket No. R-2018-3000164 Replacement Pages and Informational Calculation Pages**

Dear Secretary Chiavetta:

This letter transmits for filing with the Commission supporting calculation replacement pages (Exhibit No. 1) for 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 and Industrial effective for the period January 1, 2019 through February 28, 2019. The replacement pages in Exhibit No. 1 provide revised calculations for pricing approved in PECO's 2018 Electric Distribution Base Rate Case at Docket No. R-2018-3000164.

Please note that the revised tariff pages reflecting the revised prices (i. e., working capital adjustment) have already been provided in the Compliance Filing for PECO's 2018 Electric Distribution Base Rate Case at Docket No. R-2018-3000164 filed on December 21, 2018.

This filing also includes, for informational purposes only (Exhibit No. 2), a complete set of the calculation pages, with page 1 containing the revised prices from Exhibit No. 1, and the remaining pages from the Company's original filing of October 16, 2018 for GSA Procurement Class 1, Procurement Class 2 and Procurement Class 3/4 Hourly Pricing as part of PECO Tariff Electric No. 5, Supplement No. 73.

The following Exhibits are provided in support of this filing:

Exhibit No. 1 - Replacement pages of each Procurement Class 1, 2 and 3/4 Hourly Pricing,  
Exhibit No. 2 - Calculation pages of each Procurement Class 1, 2 and 3/4 Hourly Pricing  
(Provided for information purposes only)

Rosemary Chiavetta, Secretary  
December 21, 2018  
Page 2

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,

A handwritten signature in black ink, appearing to read 'R. Chiavetta', with a long horizontal flourish extending to the right.

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 and Nurick

Enclosures

**EXHIBIT NO. 1**

**PECO ENERGY COMPANY**

**REPLACEMENT PAGES OF  
PROCUREMENT CLASSES 1, 2, 3/4 HOURLY PRICING**

**PECO Generation Supply Adjustment Rate-Procurement Class 1 (GSA 1)**  
 Application Period: January 1, 2019 through February 28, 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
<b>C Factor</b>				
-Cost (a)	\$ 153,717,528 page 2	6.080	6.080	6.461
<b>Total Cost</b>	\$ 153,717,528	6.080	6.080	6.461
<b>AEPS Factor Additional AEPS</b>				
-Additional AEPS Cost	\$ 38,742 page 2	0.002	0.002	0.002
<b>Total Additional AEPS Cost</b>	\$ 38,742	0.002	0.002	0.002
<b>A Administrative Cost Factor</b>				
-Administrative Cost (a)	\$ 151,849 page 2	0.006	0.006	0.006
<b>Total Administrative Cost</b>	\$ 151,849	0.006	0.006	0.006
<b>E Factor Including Interest</b>				
-Over/(Under) Collection Jan 2011 to Jun 2018 (a), (c)	\$ 9,845,351 page 6	0.212	0.212	0.225
-Net Interest Jan 2011 to Jun 2018 (a), (c)	\$ 469,355 page 7	0.010	0.010	0.011
-Prior Period Over/Under Collection Revenue, Jul 2018 to Aug 2018 (a)	\$ 450,393 page 6	0.010	0.010	0.011
-Prior Period Interest Revenue, Jul 2018 to Aug 2018 (a)	\$ 18,767 page 7	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
<b>Total E Factor Including Interest</b>	\$ 10,783,866	0.232	0.232	0.247
<b>WC Working Capital Adjustment</b>				
Working Capital Adjustment (b)		0.018	0.018	0.019
<b>Total Working Capital Adjustment</b>		0.018	0.018	0.019
<b>Total GSA Rate (C + AEPS + A - E + WC)</b>		5.874	5.874	6.241
<b>S Sales for Application Period in kWh</b>				
S1 E factor Sales for September 2018 through February 2019 in kWh	2,528,349,135 page 4			
	4,653,385,353 page 4			
<b>Gross Receipts Tax (GRT)</b>	5.90%			
(a) Adjusted for overall line loss factor ratio				
(b) Based on Settlement at Docket No. R-2018-3000164				
(c) Reflects adjustment in June 2017 for PAPUC Audit Finding				
Overcollection of \$9,416 included in page 6, columns 14 and 15				
Interest of \$3,663 included in page 7, columns 7 and 10				

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

Application Period: January 1, 2019 through February 28, 2019

cents/kWh

Attachment 2  
Page 1 of 8  
Revised

C Factor	Amount	GSA Rate		Rate GS		Rate PD		Rate HT		Lighting 1 (SLS, SLE, POL, AL)		Lighting 2 (TLC)	
		w/o GRT	w/GRT	w/o GRT	w/GRT	w/o GRT	w/GRT	w/o GRT	w/GRT	w/o GRT	w/GRT	w/o GRT	w/GRT
		Incl. Line	Loss Ratio	Incl. Line	Loss Ratio	Incl. Line	Loss Ratio	Incl. Line	Loss Ratio	Incl. Line	Loss Ratio	Incl. Line	Loss Ratio
-Cost (e)	\$ 25,935,584	5.834	6.200	5.734	6.094	5.499	5.844	5.834	6.200	5.834	6.200	5.834	6.200
-Capacity Credit (e), (b)								(2.125)	(2.200)				
<b>Total Cost</b>	\$ 25,935,584	5.834	6.200	5.734	6.094	5.499	5.844	3.679	3.910	5.834	6.200	5.834	6.200
<b>AEPS Factor Additional AEPS</b>													
-Additional AEPS Cost	\$ 736												
<b>Total Additional AEPS Cost</b>	\$ 736												
<b>A Administrative Cost Factor</b>													
-Administrative Cost (e)	\$ 28,161	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
<b>Total Administrative Cost</b>	\$ 28,161	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
<b>E Factor Including Interest</b>													
-Over/(Under) Collection Jan 2011 to Jun 2018 (a), (d)	\$ 1,114,435	0.128	0.136	0.126	0.134	0.121	0.129	0.128	0.136	0.128	0.136	0.128	0.136
-Net Interest Jan 2011 to Jun 2018 (a), (d)	\$ 75,802	0.009	0.010	0.009	0.010	0.008	0.009	0.009	0.010	0.009	0.010	0.009	0.010
-Prior Period Over/Under Collection Revenue, Jul 2018 to Aug 2018 (a)	\$ (44,193)	(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 Interest Revenue, Jul 2018 to Aug 2018 (a)	\$ (6,804)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
<b>Total E Factor Including Interest</b>	\$ 1,139,240	0.131	0.140	0.129	0.138	0.123	0.132	0.131	0.140	0.131	0.140	0.131	0.140
<b>WC Working Capital Adjustment</b>													
Working Capital Adjustment (c)		0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019
<b>Total Working Capital Adjustment</b>		0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019
<b>Total GSA Rate (C + AEPS + A + E + WC)</b>		5.724	6.085	5.629	5.981	5.400	5.737	3.572	3.795	5.727	6.085	5.727	6.085
<b>S Sales for Application Period in kWh</b>													
S1 E factor Sales for September 2018 through February 2019 in kWh	444,805,287												
	871,952,557												
<b>Gross Receipts Tax (GRT)</b>	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 \$685 included in page 8, columns 7 and 10

PECO Generation Supply Adjustment Rate-Procurement Class 3/4 Hourly (GSA 3/4 Hourly)

Application Period: January 1, 2019 through February 28, 2019

cents/kWh

	Amount	GSA Rate w/GRT			Rate GS			Rate PD			Rate HT			Rate EP		
		Incl. Line	w/GRT	Loss Ratio	w/o GRT	Incl. Line	w/GRT	Loss Ratio	w/o GRT	Incl. Line	w/GRT	Loss Ratio	w/o GRT	Incl. Line	w/GRT	Loss Ratio
AS Ancillary Services and Alternative Energy Portfolio Standards Factor																
-Ancillary Service and AEPS (a)	\$594,709 page 2		0.357	0.000	0.357	0.379	0.000	0.351	0.000	0.351	0.373	0.000	0.337	0.958	0.000	0.358
-Additional AEPS Cost	\$136 page 2		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Ancillary Service Cost and Alternative Energy Portfolio Standards Factor	\$594,845		0.357	0.000	0.357	0.379	0.000	0.351	0.000	0.351	0.373	0.000	0.337	0.958	0.000	0.358
AC Administrative Cost Factor																
-Administrative Cost	\$11,040 page 2		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Total Administrative Service Cost	\$11,040		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
E Factor Including Interest (c)																
-Over/(Under) Collection Jan 2011 to Jun 2018 (d)	\$1,842,934 page 11		0.509	0.020	0.509	0.541	0.020	0.509	0.020	0.509	0.541	0.020	0.509	0.541	0.020	0.541
-Net Interest Jan 2011 to Jun 2018 (d)	\$72,537 page 15		0.020	0.036	0.020	0.021	0.038	0.020	0.036	0.020	0.021	0.036	0.020	0.021	0.036	0.021
-Prior Period Over/(Under) Collection Revenue, Jul 2018 to Aug 2018	\$129,387 page 11		0.036	0.000	0.036	0.000	0.000	0.036	0.000	0.036	0.000	0.000	0.036	0.038	0.000	0.038
-Prior Period Interest Revenue, Jul 2018 to Aug 2018	\$1,088 page 15		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total E Factor Including Interest	\$2,045,946		0.565	0.000	0.565	0.600	0.000	0.565	0.000	0.565	0.600	0.000	0.565	0.600	0.000	0.600
WC Working Capital Adjustment																
-Working Capital Adjustment (b)			0.018	0.018	0.018	0.019	0.018	0.018	0.018	0.018	0.019	0.018	0.018	0.019	0.018	0.019
Total Working Capital Adjustment			0.018	0.018	0.018	0.019	0.018	0.018	0.018	0.018	0.019	0.018	0.018	0.019	0.018	0.019
Total GSA Rate (AS + AC + E + WC)			-0.200	-0.184	-0.200	-0.196	-0.190	-0.202	-0.204	-0.202	-0.217	-0.204	-0.204	-0.217	-0.204	-0.217
S Sales for Application Period in kWh																
S1 Sales for September 2018 through February 2019 in kWh	174,176,113 page 3 362,150,463 page 3															
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) Data reflects transition from Procurement Classes 3 Hourly and 4 Hourly Monthly Pricing to Procurement Class 3/4 Quarterly Pricing  
 (d) Reflects adjustment in June 2017 for PAPUC Audit Finding  
 Overcollection of \$1,186 included in page 11, columns 7 and 10  
 Interest of \$419 included in page 15, columns 7 and 10

**EXHIBIT NO. 2**

**PECO ENERGY COMPANY**

**CALCULATION PAGES OF  
PROCUREMENT CLASSES 1, 2, 3/4 HOURLY PRICING  
(PROVIDED FOR INFORMATION PURPOSES ONLY)**

**ATTACHMENT 1**

**PECO ENERGY COMPANY**

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



**PECO Generation Supply Adjustment Rate-Procurement Class 1 (GSA 1)**

Application Period: January 1, 2019 through February 28, 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
<b>C Factor</b>				
-Cost (a)	\$ 153,717,528 page 2	6.080	6.080	6.461
<b>Total Cost</b>	\$ 153,717,528	6.080	6.080	6.461
<b>AEPS Factor Additional AEPS</b>				
-Additional AEPS Cost	\$ 38,742 page 2	0.002	0.002	0.002
<b>Total Additional AEPS Cost</b>	\$ 38,742	0.002	0.002	0.002
<b>A Administrative Cost Factor</b>				
-Administrative Cost (a)	\$ 151,849 page 2	0.006	0.006	0.006
<b>Total Administrative Cost</b>	\$ 151,849	0.006	0.006	0.006
<b>E Factor Including Interest</b>				
-Over/(Under) Collection Jan 2011 to Jun 2018 (a), (c)	\$ 9,845,351 page 6	0.212	0.212	0.225
-Net Interest Jan 2011 to Jun 2018 (a), (c)	\$ 469,355 page 7	0.010	0.010	0.011
-Prior Period Over/Under Collection Revenue, Jul 2018 to Aug 2018 (a)	\$ 450,393 page 6	0.010	0.010	0.011
-Prior Period Interest Revenue, Jul 2018 to Aug 2018 (a)	\$ 18,767 page 7	0.000	0.000	0.000
<b>Total E Factor Including Interest</b>	\$ 10,783,866	0.232	0.232	0.247
<b>WC Working Capital Adjustment</b>				
Working Capital Adjustment (b)		0.018	0.018	0.019
<b>Total Working Capital Adjustment</b>		0.018	0.018	0.019
<b>Total GSA Rate (C + AEPS + A - E + WC)</b>		5.874	5.874	6.241
<b>S Sales for Application Period in kWh</b>				
S1 E factor Sales for September 2018 through February 2019 in kWh	2,528,349,135 page 4			
	4,653,385,353 page 4			
<b>Gross Receipts Tax (GRT)</b>	5.90%			
<p>(a) Adjusted for overall line loss factor ratio                  (b) Based on Settlement at Docket No. R-2018-3000164                  (c) Reflects adjustment in June 2017 for PAPUC Audit Finding                  Overcollection of \$9,416 included in page 6, columns 14 and 15                  Interest of \$3,663 included in page 7, columns 7 and 10</p>				

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

**For the Period December 1, 2018 through February 28, 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)
Dec-18	\$51,470,112	\$551,520	\$52,021,632	\$13,122	\$82,499
Jan-19	\$54,653,141	\$738,456	\$55,391,597	\$13,925	\$34,934
Feb-19	\$45,706,819	\$597,479	\$46,304,298	\$11,694	\$34,416
<b>Total</b>	<b>\$151,830,072</b>	<b>\$1,887,455</b>	<b>\$153,717,528</b>	<b>\$38,742</b>	<b>\$151,849</b>

(a) See page 3 for generation cost details.

PECO GSA 1 Generation (C Factor) Details  
For the Period December 1, 2018 through February 28, 2019

Month	Wtd. Average Price	Sales (mWh)	Full Requirements Contract Costs	Misc. Cost/ (Credits) <sup>1</sup>	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) <sup>1</sup>	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)
Dec-18	\$55.85	922,016	\$51,496,224	(\$20,112)	\$51,470,112	\$0	\$0	\$315,216	\$222,399	\$14,185	(\$281)	\$51,520	\$52,021,632
Jan-19	\$55.85	979,948	\$54,731,837	(\$78,696)	\$54,653,141	\$0	\$0	\$494,650	\$222,394	\$22,259	(\$846)	\$738,456	\$55,391,597
Feb-19	\$55.85	819,418	\$45,765,956	(\$59,137)	\$45,706,819	\$0	\$0	\$380,138	\$200,871	\$17,106	(\$636)	\$597,479	\$46,304,298
Total		2,721,381	\$151,994,017	(\$163,945)	\$151,830,072	\$0	\$0	\$1,190,004	\$645,664	\$53,550	(\$1,763)	\$1,887,455	\$153,717,528

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

**PECO GSA 1 Default kWh Sales**  
**For the Period December 1, 2018 through February 28, 2019**  
**and September 1, 2018 through February 28, 2019**

Month	Total kWh	Rate R kWh	Rate RH kWh	Rate OP kWh
Dec-18	856,615,520	624,119,966	232,495,553	-
Jan-19	910,438,414	648,519,144	261,919,270	-
Feb-19	761,295,201	540,637,352	220,657,849	-
<b>Total</b>	<b>2,528,349,135</b>	<b>1,813,276,463</b>	<b>715,072,672</b>	<b>-</b>
<b>E factor Sales</b>				
Sep-18 through Feb-19	4,653,385,353	3,574,893,312	1,078,492,041	-

PECO GSA 1 Actual Monthly Over/(Under) Collections  
For the Period January 1, 2011 through June 30, 2018  
and July 2018 and August 2018

Month	Default Expense, Full Requirements Cost for Energy Capacity, Ancillary Service and AFPS	PECO Overhead Back Spot Cost for Energy Capacity and Ancillary Services	Additional AFPS Costs	Administrative Cost	Total Cost Including Administrative Cost
Jan-11	571,119,916	533,642,286	\$1,176,717	\$108,309	\$65,669,774
Feb-11	546,930,442	513,967,639	323,800	\$174,864	\$67,146,299
Mar-11	571,771,653	569,890	369,890	\$174,005	\$67,276,274
Apr-11	555,368,667	411,844,614	325,753	3,897,380	\$41,046,379
May-11	552,271,009	512,264,109	325,753	4,654,005	\$52,960,540
June-11	556,671,336	514,017,628	\$273,210	4,654,005	\$60,920,200
July-11	555,133,192	515,576,981	\$1,687,465	3,897,380	\$66,909,611
Aug-11	563,010,704	508,409,475	608,574	\$397,265	\$66,752,340
Sept-11	549,277,465	\$0,317,425	684,133	\$357,444	\$66,770,681
Oct-11	524,296,711	\$5,109,488	595,073	\$351,271	\$41,294,975
Nov-11	506,052,192	\$1,016,290	\$1,095,416	\$28,446	\$42,527,771
Dec-11	509,628,175	\$13,266,571	\$1,020,494	\$38,751	\$42,527,771
Jan-12	501,046,892	\$9,873,429	\$1,420,817	\$29,816	\$42,527,771
Feb-12	524,569,974	\$9,957,435	\$762,166	\$258,785	\$45,520,386
Mar-12	524,146,262	\$4,229,393	\$542,737	638,101	\$46,952,508
Apr-12	525,395,589	\$10,059,498	\$629,457	\$1,775	\$56,068,076
May-12	527,747,948	\$6,075,771	\$1,097,293	\$479,834	\$50,240,677
June-12	504,928,443	\$1,718,305	599,576	\$471,775	\$56,068,076
July-12	503,608,443	\$1,074,491	\$1,061,369	\$851,434	\$61,240,677
Aug-12	525,056,566	\$1,074,491	5,613,411	3,577,659	\$57,326,779
Sept-12	526,027,064	\$1,258,227	\$533,741	3,495,561	\$71,185,500
Oct-12	544,913,336	\$2,277,305	\$259,819	2,550,386	\$40,030,646
Nov-12	554,174,465	\$1,779,017	\$772,490	3,153,722	\$59,277,361
Dec-12	569,052,981	\$1,992,436	\$813,420	\$1,71,286	\$76,054,854
Jan-13	581,733,769	\$1,875,441	\$686,784	8,150,364	\$61,070,317
Feb-13	589,131,814	\$1,965,556	\$577,001	\$1,71,487	\$61,145,961
Mar-13	524,998,073	\$1,308,016	\$1,141,888	\$136,501	\$71,507,898
Apr-13	527,708,378	\$1,342,584	\$146,315	\$156,107	\$40,311,959
May-13	544,659,920	\$673,630	\$419,816	\$154,023	\$40,252,724
June-13	552,441,411	\$2,343,370	\$419,816	\$184,261	\$62,582,979
July-13	562,623,142	\$2,052,743	\$692,971	\$35,005	\$64,484,051
Aug-13	566,648,791	\$1,011,017	\$27,986	\$41,077,009	\$71,068,362
Sept-13	\$80,058,791	\$2,791,640	\$1,011,017	\$31,762	\$40,000,000
Oct-13	\$105,895,406	\$107,468	\$29,671	\$79,470	\$47,173,759
Nov-13	\$68,488,409	\$130,271	\$5,136	\$29,470	\$46,723,374
Dec-13	\$23,910,280	\$1,011,017	\$252,275	\$29,470	\$47,427,301
Jan-14	\$35,498,007	\$2,791,640	\$968,574	\$39,310	\$47,427,301
Feb-14	\$49,273,145	\$1,151,081	\$968,574	\$39,310	\$47,427,301
Mar-14	\$49,463,193	\$3,151,039	\$1,095,435	\$39,310	\$47,427,301
Apr-14	\$31,739,760	\$5,676,715	\$1,095,435	\$40,660	\$47,427,301
May-14	\$40,896,264	\$4,481,817	\$74,492	\$51,516	\$39,134,996
June-14	\$30,001,755	\$4,481,817	\$31,932	\$96,987	\$41,226,660
July-14	\$23,766,072	\$3,936,316	\$484,287	\$31,242	\$41,060,170
Aug-14	\$47,001,016	\$3,936,316	\$484,287	\$31,051	\$41,060,170
Sept-14	\$30,150,176	\$4,239,014	\$81,290	\$38,051	\$41,060,170
Oct-14	\$46,312,298	\$5,008,085	\$784,916	\$36,791	\$44,603,937
Nov-14	\$27,218,482	\$6,091,630	\$64,860	\$16,257	\$54,591,643
Dec-14	\$29,547,753	\$6,297,537	\$1,28,564	\$13,343	\$47,186,167
Jan-15	\$36,422,259	\$6,665,651	\$5,349,794	\$10,343	\$40,779,717
Feb-15	\$46,064,401	\$7,467,084	\$7,467	\$3,057	\$36,868,752
Mar-15	\$24,286,827	\$8,791,087	\$109,989	\$34,597	\$39,487,927
Apr-15	\$40,098,130	\$5,211,696	\$33,829	\$48,058	\$52,439,489
May-15	\$42,205,398	\$5,211,696	\$21,792	\$31,537	\$40,814,962
June-15	\$29,074,453	\$4,642,211	\$6,152	\$36,490	\$42,546,271
July-15	\$48,072,856	\$4,642,211	\$2,280	\$10,847	\$39,295,985
Aug-15	\$44,773,885	\$4,642,211	\$7,280	\$14,101	\$36,578,344
Sept-15		\$4,642,211	\$8,541,791	\$35,819	\$49,042,966



GSA 1 Actual Interest Calculation  
For the Period January 1, 2011 through June 30, 2018  
and July 2018 and August 2018

Month	Current Period Portion of Revenue	Total Cost	Current Over/Under Collection for Interest	Interest Rate	Interest Time Factor	Interest Time Factor Determinator	Total Interest to be Returned to Customers	Interest Revenue Est. Recovered from Customers for 3 month recovery	Interest Revenue Est. Recovered from Customers for 12 month recovery	Cumulative Interest to be Returned to Customers
	(1) = (8) from Attachment 1, page 6	(2) = (5) from Attachment 1, page 3	(3) = (1) - (2)	(4)	(5)	(6) = (1) * (4) * (5) / (7)	(7)	(8)	(9)	(10) = (7) + (9) + (9)
Jun-13	\$73,928,611	\$86,539,233	(\$12,580,622)	6.00%	1.5	12	(\$108,870)	(\$19,371)	(\$46,149)	(\$46,149)
Jul-13	\$62,719,788	\$62,145,280	\$5,574,508	6.00%	2.5	12	\$186,065	(\$86,775)	\$0	(\$45,410)
Aug-13	\$69,934,694	\$40,728,207	\$13,606,487	6.00%	7.5	12	\$584,824	(\$78,362)	\$0	(\$45,180)
Sep-13	\$43,728,629	\$47,646,378	(\$3,917,749)	6.00%	7.5	12	(\$107,827)	(\$54,437)	\$0	(\$155,382)
Oct-13	\$45,181,743	\$59,065,540	(\$13,883,797)	6.00%	7.5	12	(\$214,082)	(\$24,010)	\$0	(\$16,902)
Nov-13	\$61,631,803	\$60,620,208	\$1,011,595	6.00%	6.5	12	\$35,387	\$242,010	\$0	(\$277,250)
Dec-13	\$71,389,087	\$80,253,481	(\$8,864,394)	6.00%	6.5	12	(\$208,214)	\$290,438	\$0	\$340
Jan-14	\$57,058,685	\$62,757,338	\$5,698,653	6.00%	5.5	12	\$136,647	\$263,311	\$0	\$86,584
Feb-14	\$59,339,432	\$58,778,831	\$1,560,601	6.00%	7.5	12	\$239,542	(\$133,729)	\$0	\$91,937
Mar-14	\$46,316,306	\$40,993,806	\$5,322,500	6.00%	6.5	12	\$208,642	(\$133,729)	\$0	\$492,588
Apr-14	\$30,047,224	\$41,254,975	(\$11,207,751)	6.00%	7.5	12	(\$60,713)	(\$101,148)	\$0	\$303,718
May-14	\$43,939,243	\$52,579,771	(\$8,640,528)	6.00%	7.5	12	(\$234,020)	\$0	\$0	\$303,718
Jun-14	\$62,715,540	\$63,452,412	(\$736,872)	6.00%	6.5	12	\$154,107	\$0	\$0	\$317,250)
Jul-14	\$59,970,811	\$52,767,894	\$7,202,917	6.00%	7.5	12	\$208,642	\$0	\$0	\$506,897
Aug-14	\$53,884,918	\$45,500,486	\$8,384,432	6.00%	7.5	12	\$154,107	\$0	\$0	\$669,811
Sep-14	\$38,849,836	\$37,272,754	\$1,577,082	6.00%	6.5	12	\$88,380	(\$147,680)	\$0	\$197,537
Oct-14	\$40,384,426	\$46,457,338	(\$6,072,912)	6.00%	6.5	12	(\$167,555)	(\$106,876)	\$0	\$358,262
Nov-14	\$57,917,582	\$55,068,075	\$2,849,507	6.00%	7.5	12	\$142,471	\$77,951	\$0	\$300,181
Dec-14	\$66,605,054	\$69,240,672	(\$2,635,618)	6.00%	6.5	12	(\$176,758)	(\$20,089)	\$0	\$269,512
Jan-15	\$82,097,379	\$67,861,086	\$14,236,293	6.00%	11	12	(\$58,723)	\$85,725	\$0	\$286,465
Feb-15	\$39,185,550	\$55,326,729	\$16,141,179	6.00%	9	12	\$315,921	(\$92,736)	\$0	\$813,908
Mar-15	\$39,803,789	\$48,030,046	(\$8,226,257)	6.00%	8	12	(\$287,920)	(\$51,071)	\$0	\$865,098
Apr-15	\$51,679,859	\$38,222,883	\$13,456,976	6.00%	7	12	(\$451,652)	(\$70,504)	\$0	\$526,107
May-15	\$68,822,959	\$70,038,854	(\$11,215,895)	6.00%	11	12	(\$34,342)	(\$84,342)	\$0	\$29,766,672)
Jun-15	\$68,764,964	\$65,350,317	\$3,414,647	6.00%	10	12	\$51,344	(\$30,188)	\$0	(\$315,296)
Jul-15	\$43,467,973	\$27,465,088	\$16,002,885	6.00%	9	12	\$255,941	(\$38,088)	\$0	\$408,081
Aug-15	\$37,558,460	\$40,411,995	(\$2,853,535)	6.00%	8	12	(\$14,885)	(\$591,141)	\$0	\$457,107
Sep-15	\$47,972,191	\$48,257,724	(\$285,533)	6.00%	6	12	(\$9,874)	(\$51,100)	\$0	\$381,784
Oct-15	\$56,506,187	\$62,804,995	(\$6,298,808)	6.00%	10	12	(\$8,416)	(\$66,007)	\$0	\$162,007
Nov-15	\$46,118,943	\$41,077,809	\$5,041,134	6.00%	9	12	\$58,672)	(\$28,810)	\$0	\$141,872
Dec-15	\$38,182,337	\$37,068,562	\$1,113,775	6.00%	7	12	\$12,330	(\$2,466)	\$0	\$241,743
Jan-16	\$35,037,579	\$40,870,816	(\$5,833,237)	6.00%	12	12	\$75,988	(\$28,862)	\$0	\$240,858
Feb-16	\$44,447,062	\$47,373,752	(\$2,926,690)	6.00%	7	12	(\$19,095)	(\$24,868)	\$0	\$241,743
Mar-16	\$57,302,951	\$67,133,574	(\$9,830,623)	6.00%	11	12	(\$31,717)	(\$43,357)	\$0	\$240,858
Apr-16	\$66,355,517	\$68,313,541	(\$1,958,024)	6.00%	10	12	(\$5,041)	(\$20,436)	\$0	\$240,858
May-16	\$51,881,375	\$47,457,445	\$4,423,930	6.00%	3	12	\$24,659)	\$11,304	\$0	\$240,858
Jun-16	\$39,059,549	\$32,553,464	\$6,506,085	6.00%	8	12	(\$56,850)	\$10,485	\$0	\$240,858
Jul-16	\$34,371,533	\$37,106,441	(\$2,734,908)	6.00%	7	12	(\$22,298)	\$14,202	\$0	\$240,858
Aug-16	\$45,027,699	\$49,946,764	(\$4,919,065)	6.00%	11	12	(\$18,335)	(\$1,744)	\$0	\$240,858
Sep-16	\$45,160,207	\$39,133,486	\$6,226,721	6.00%	10	12	(\$39,502)	(\$6,478)	\$0	\$240,858
Oct-16	\$40,109,998	\$41,626,060	(\$1,516,062)	6.00%	9	12	(\$10,040)	(\$5,278)	\$0	\$240,858
Nov-16	\$35,517,270	\$31,766,170	\$3,751,100	6.00%	12	12	(\$36,415)	(\$3,935)	\$0	\$240,858
Dec-16	\$30,557,807	\$34,261,290	(\$3,703,483)	6.00%	6	12	(\$19,112)	(\$6,168)	\$0	\$240,858
Jan-17	\$32,251,007	\$46,463,937	(\$14,212,930)	6.00%	7	12	(\$180,263)	(\$8,987)	\$0	\$240,858
Feb-17	\$54,261,387	\$48,941,643	\$5,319,744	6.00%	11	12	\$140,254	(\$8,567)	\$0	\$240,858
Mar-17	\$31,726,286	\$47,766,162	\$16,039,876	6.00%	11	12	\$155,858	(\$33,366)	\$0	\$240,858
Apr-17	\$40,647,194	\$38,394,717	\$2,252,477	6.00%	9	12	(\$1,551)	(\$1,744)	\$0	\$240,858
May-17	\$46,446,233	\$32,947,314	\$13,498,919	6.00%	8	12	(\$30,428)	(\$27,261)	\$0	\$240,858
Jun-17	\$39,226,625	\$36,668,762	(\$7,442,137)	6.00%	12	12	(\$35,714)	(\$31,955)	\$0	\$240,858
Jul-17	\$63,542,152	\$55,700,840	\$7,841,312	6.00%	7	12	(\$23,660)	(\$19,655)	\$0	\$240,858
Aug-17	\$48,506,807	\$40,814,967	\$7,691,840	6.00%	11	12	(\$32,640)	(\$6,867)	\$0	\$240,858
Sep-17	\$48,974,087	\$42,545,971	\$6,428,116	6.00%	10	12	(\$55,998)	(\$3,427)	\$0	\$240,858
Oct-17	\$38,703,917	\$38,729,895	(\$25,978)	6.00%	9	12	(\$55,998)	\$6,867	\$0	\$240,858
Nov-17	\$32,794,157	\$36,578,544	(\$3,784,387)	6.00%	12	12	(\$104,891)	\$5,496	\$0	\$240,858
Dec-17	\$40,955,409	\$45,863,996	(\$4,908,587)	6.00%	9	12	(\$127,717)	\$9,204	\$0	\$240,858

## **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: January 1, 2019 through February 28, 2019

cents/kWh

C Factor	Amount	GSA Rate			Rate GS			Rate PD			Rate HT			Lighting 1 (SLS, SLE, POL, AL)			Lighting 2 (TLCL)		
		w/o GRT	w/GRT	Incl. Line	w/o GRT	w/GRT	Incl. Line	w/o GRT	w/GRT	Incl. Line	w/o GRT	w/GRT	Incl. Line	w/o GRT	w/GRT	Incl. Line	w/o GRT	w/GRT	Incl. Line
		Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio	Loss Ratio
-Cost (a)	\$ 25,935,584	5.834	6.200	5.734	6.094	5.499	5.844	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200
-Capacity Credit (a), (b)																			
<b>Total Cost</b>	\$ 25,935,584	5.834	6.200	5.734	6.094	5.499	5.844	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200	5.834	6.200
<b>AEPS Factor Additional AEPS</b>																			
-Additional AEPS Cost	\$ 736																		
<b>Total Additional AEPS Cost</b>	\$ 736																		
<b>A Administrative Cost Factor</b>																			
-Administrative Cost (a)	\$ 28,161	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
<b>Total Administrative Cost</b>	\$ 28,161	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
<b>E Factor Including Interest</b>																			
-Over/(Under) Collection Jan 2011 to Jun 2018 (a), (d)	\$ 1,114,435	0.128	0.136	0.126	0.134	0.121	0.129	0.128	0.140	0.129	0.138	0.123	0.132	0.131	0.140	0.131	0.140	0.128	0.136
-Net Interest Jan 2011 to Jun 2018 (a), (d)	\$ 75,802	0.009	0.010	0.009	0.010	0.008	0.009	0.009	0.010	0.008	0.009	0.008	0.009	0.009	0.010	0.009	0.010	0.009	0.010
-Prior Period Over/Under Collection Revenue, Jul 2018 to Aug 2018 (a)	\$ (44,193)	(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)	(0.005)
-Prior Period Interest Revenue, Jul 2018 to Aug 2018 (a)	\$ (6,804)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
<b>Total E Factor Including Interest</b>	\$ 1,139,240	0.131	0.140	0.129	0.138	0.123	0.132	0.131	0.140	0.129	0.138	0.123	0.132	0.131	0.140	0.131	0.140	0.128	0.136
<b>WC Working Capital Adjustment</b>																			
Working Capital Adjustment (c)		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	0.018	0.019
<b>Total Working Capital Adjustment</b>		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	0.018	0.019
<b>Total GSA Rate (C + AEPS + A - E + WC)</b>		5.724	6.085	5.629	5.981	5.400	5.737	5.724	6.085	5.629	5.981	5.400	5.737	5.724	6.085	5.629	5.981	5.400	5.737
<b>S Sales for Application Period in kWh</b>																			
SI E factor Sales for September 2018 through February 2019 in kWh	444,805,287																		
	871,952,557																		
<b>Gross Receipts Tax (GRT)</b>	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-2018-0000164  
 (d) Refers adjustment in June 2017 for PAPUC Audit Finding  
 Credit adjustment of \$1,331 included in page 7, columns 16 and 17  
 Interest of \$665 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 December 1, 2018 through February 28, 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)
Dec-18	\$9,021,241	\$0	\$9,021,241	\$239	\$15,310
Jan-19	\$8,911,622	\$0	\$8,911,622	\$247	\$6,239
Feb-19	\$8,002,721	\$0	\$8,002,721	\$250	\$6,613
Total	\$25,935,584	\$0	\$25,935,584	\$736	\$28,161

(a) See page 3 for generation cost details.

**PECO GSA 2 Generation (C Factor) Details**  
For the Period December 1, 2018 through February 28, 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) <sup>1</sup>	Total Fixed Price, Full Requirements
	(1)	(2)	(3) = (1)*(2)	(4)	(5) = (3)+(4)
Dec-18	\$53.62	168,238	\$9,021,241	\$0	\$9,021,241
Jan-19	\$53.62	166,194	\$8,911,622	\$0	\$8,911,622
Feb-19	\$53.62	149,244	\$8,002,721	\$0	\$8,002,721
Total		483,676	\$25,935,584	\$0	\$25,935,584

<sup>1</sup> 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, POL and AL)**

Capacity Credit  
cents/kWh

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

\$ 225.9140

**2. Times (1+ PJM Reserve Margin Ratio)**

1.2382

**3. Divide by 24 hours**

\$ 279.73 per MW-day

24

\$ 11.66 per mWh

**4. Times 100/1000**

Convert to cents per kWh

1.17 cents per kWh

**5. For GSA 2 Load Factor**

2019 loss adjusted kWh sales, default/supplier

5,134,148,774 kWh

Peak Load Contribution (PLC) Zonal Level

1,079,172 kW

Coincident Peak Load kW

4,757.49 hours

Divide by

8,760 hours per year

Load Factor

54.31%

**6. Divide by Load Factor**

Times 1/load factor

2.154 cents per kWh

**7. from 6.**

**Capacity Credit**

2.154 cents per kWh

**PECO GSA 2 Default kWh Sales**

**For the Period December 1, 2018 through February 28, 2019  
and September 1, 2018 through February 28, 2019**

Month	Total kWh	Rate GS kWh	Rate PD kWh	Rate HT kWh	Lighting 1		Lighting 2 Rate TLCL kWh
					Rates SLS, SLE, POL and AL kWh	Lighting 1 kWh	
Dec-18	154,714,621	151,927,982	663,822	1,062,491	815,337	244,989	
Jan-19	152,840,701	149,936,320	686,457	1,145,510	825,619	246,795	
Feb-19	137,249,965	134,582,795	611,070	988,179	822,578	245,344	
<b>Total</b>	<b>444,805,287</b>	<b>436,447,097</b>	<b>1,961,349</b>	<b>3,196,180</b>	<b>2,463,534</b>	<b>737,128</b>	
<b>E factor Sales</b>							
Sep-18	871,952,557	854,503,956	3,799,830	6,546,232	5,515,691	1,586,848	
through							
Feb-19							

PECO GSA 2 Actual Monthly Over/(Under) Collections  
For the Period January 1, 2011 through June 30, 2018  
and July 2018 and August 2018

Month	Default Supplier Spot- Full Requirements Cost for Energy, Construction and Service and AEPs	Unlaid Supplier Fixed Full Requirements Cost for Energy and Architectural Services	Additional AEPs Costs	Administrative Cost	Total Cost Including Administrative Cost, Allocation Factor	Total Allocated Cost Including Administrative Cost
Jan-12	1575.14271	114,405.6889	5172.759	319.404	519,511.689	(74,814.6)
Feb-12	57.0523	\$12,337.9624	\$147.629	\$50.793	\$12,532.520	\$16,489.164
Mar-12	50	\$10,808.9537	\$142.8116	\$145.948	\$11,097.7101	\$12,595.739
Apr-12	50	\$10,541.161	\$119.9377	\$138.0227	\$10,799.150	\$11,079.786
May-12	50	\$10,996.457	\$67.6969	\$145.0109	\$11,209.0565	\$10,809.0271
Jun-12	50	\$11,501.8245	\$161.9677	\$147.5809	\$11,811.3731	\$12,182.680
Jul-12	50	\$10,988.7695	\$183.8693	\$148.0823	\$11,320.7098	\$12,740.579
Aug-12	50	\$10,637.4938	\$76.4927	\$148.348	\$10,952.479	\$12,978.0111
Sep-12	50	\$10,150.673	\$223	\$165.296	\$10,539.600	\$11,306.667
Oct-12	50	\$10,985.272	\$299	\$162.462	\$11,457.764	\$11,059.110
Nov-12	50	\$11,605.950	\$318.174	\$168.0227	\$11,294.176	\$11,713.800
Dec-12	50	\$11,002.303	\$64.760	\$171.621	\$11,238.682	\$11,320.185
Jan-13	50	\$10,003.289	\$82.8927	\$171.494	\$10,257.680	\$10,343.6874
Feb-13	50	\$9,469.956	\$73.999	\$194.826	\$9,738.776	\$9,618.889
Mar-13	50	\$9,597.839	\$75.879	\$193.961	\$9,872.665	\$9,727.055
Apr-13	50	\$11,177.626	\$193.784	\$193.961	\$11,465.363	\$11,418.566
May-13	50	\$11,358.636	\$190.122	\$192.879	\$11,641.637	\$11,759.205
Jun-13	50	\$11,127.643	\$176.400	\$192.713	\$11,596.756	\$11,626.557
Jul-13	50	\$10,269.296	\$87.121	\$193.746	\$10,550.163	\$11,352.6871
Aug-13	50	\$11,745.666	\$21.604	\$192.282	\$11,959.554	\$11,808.1994
Sep-13	50	\$11,069.394	\$52.059	\$192.524	\$11,314.977	\$12,111.989
Oct-13	50	\$11,365.679	\$216.479	\$193.740	\$12,226.943	\$11,100.878
Nov-13	50	\$10,936.676	\$46.476	\$191.679	\$10,276.208	\$9,863.674
Dec-13	50	\$9,635.627	\$48.219	\$194.962	\$9,878.808	\$9,812.997
Jan-14	50	\$9,305.199	\$37.542	\$196.310	\$9,539.052	\$10,526.582
Feb-14	50	\$10,374.917	\$143.456	\$195.8927	\$11,104.703	\$11,542.840
Mar-14	50	\$9,285.613	\$78.687	\$191.697	\$9,555.999	\$9,402.719
Apr-14	50	\$9,257.627	\$6.4627	\$194.478	\$9,458.569	\$9,982.555
May-14	50	\$8,911.264	\$1,7161	\$17.783	\$8,927.059	\$9,001.614
Jun-14	50	\$9,494.279	\$31.5	\$17,015	\$9,506.294	\$9,491.792
Jul-14	50	\$9,062.806	\$62.895	\$17,022	\$9,082.722	\$9,096.8923
Aug-14	50	\$8,563.669	\$69.963	\$16,944	\$8,644.577	\$9,029.209
Sep-14	50	\$9,490.309	\$530.7173	\$8,927	\$9,680.128	\$9,618.888
Oct-14	50	\$8,636.478	\$216.416	\$8,499	\$8,864.982	\$8,853.685
Nov-14	50	\$7,519.029	\$17.881	\$10,819	\$7,547.927	\$7,642.484
Dec-14	50	\$6,008.311	\$18.524	\$22,296	\$7,049.131	\$7,630.011
Jan-15	50	\$6,641.915	\$5.303	\$10,017	\$6,657.229	\$6,640.316
Feb-15	50	\$6,327.478	\$7.719	\$9,994	\$6,342.197	\$6,695.907
Mar-15	50	\$6,227.478	\$7	\$11,493	\$6,265.978	\$6,548.769
Apr-15	50	\$6,074.204	\$6	\$15,313	\$6,095.521	\$7,257.839
May-15	50	\$7,802.868	(\$53,362)	\$9,542	\$6,820.055	\$6,867.194
Jun-15	50	\$8,626.316	\$6,760	\$9,304	\$7,693.029	\$7,727.517
Jul-15	50	\$8,523.886	\$8,478	\$8,793.922	\$9,089.019	\$8,781.924
Aug-15	50	\$8,081.517	\$148.326	\$8,468.292	\$8,237.806	\$8,029.960
Sep-15	50	\$7,988.127	\$48,292	\$10,399	\$7,468.703	\$8,274.470
Oct-15	50	\$7,631.660	(\$22,619)	\$13,399	\$7,712	\$7,584.470
Nov-15	50	\$7,000.317	\$476	\$12,552	\$6,752.708	\$6,768.656
Dec-15	50	\$8,395.395	\$76,499	\$7,282	\$8,474.894	\$8,472.626
Jan-16	50	\$9,688.327	(\$2,115)	\$9,290	\$9,674.517	\$9,672.656
Feb-16	50	\$7,806.126	(\$67,973)	\$17,593	\$7,851.176	\$7,836.712
Mar-16	50	\$8,938.303	\$1,425	\$13,944	\$8,000.697	\$8,980.906
Apr-16	50	\$7,579.434	\$106,276	\$11,302	\$7,696.904	\$7,670.479
May-16	50	\$8,071.136	\$149	\$13,569	\$8,045.297	\$8,028.101
Jun-16	50	\$9,707.729	\$154,506	\$8,756	\$9,510.252	\$9,585.391

**PECO GSA 2 Actual Monthly Over/(Under) Collections**  
**For the Period January 1, 2011 through June 30, 2018**  
**and July 2018 and August 2018**

Month	Default Supplier Energy Capacity Available AEPs	Current Revenue for Additional AEPs Revenue Excl GRT	Current Revenue for Additional AEPs Revenue 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 for 12 month recovery	Total Current and Prior Period Revenue Excl GRT	Monthly Over/(Under) Collection	Cumulative Over/(Under) Collection
	(6)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Jan-13	\$15,665,614	\$33,734	\$67,465	\$1,727,013	\$1,308,793	\$1,308,793	\$1,308,793	\$1,308,793	\$1,308,793	\$1,308,793
Feb-13	\$16,253,537	\$30,121	\$60,241	\$1,743,899	\$1,292,171	\$1,292,171	\$1,292,171	\$2,600,964	\$2,600,964	\$3,909,757
Mar-13	\$17,195,691	\$149,258	\$89,536	\$1,774,765	\$1,308,143	\$1,308,143	\$1,308,143	\$3,909,107	\$3,909,107	\$7,818,864
Apr-13	\$9,583,846	\$117,790	\$70,688	\$8,751,084	\$7,927,094	\$7,927,094	\$7,927,094	\$11,845,201	\$11,845,201	\$19,664,065
May-13	\$11,376,013	\$139,967	\$81,383	\$11,549,967	\$10,450,433	\$10,450,433	\$10,450,433	\$22,295,634	\$22,295,634	\$41,959,700
Jun-13	\$11,862,226	\$149,913	\$149,913	\$12,012,076	\$10,844,029	\$10,844,029	\$10,844,029	\$33,139,663	\$33,139,663	\$75,099,363
Jul-14	\$12,878,124	\$182,970	\$182,970	\$13,061,094	\$11,746,880	\$11,746,880	\$11,746,880	\$44,886,543	\$44,886,543	\$119,985,906
Aug-14	\$12,529,903	\$148,300	\$148,300	\$12,671,603	\$11,498,907	\$11,498,907	\$11,498,907	\$56,385,450	\$56,385,450	\$176,371,356
Sep-14	\$10,790,461	\$138,552	\$138,552	\$10,929,013	\$10,100,674	\$10,100,674	\$10,100,674	\$66,486,124	\$66,486,124	\$242,857,480
Oct-14	\$10,104,906	\$129,784	\$129,784	\$10,234,690	\$9,648,862	\$9,648,862	\$9,648,862	\$76,135,000	\$76,135,000	\$318,992,480
Nov-14	\$10,368,646	\$142,862	\$142,862	\$10,511,508	\$9,804,862	\$9,804,862	\$9,804,862	\$85,939,862	\$85,939,862	\$404,932,342
Dec-14	\$8,766,980	\$109,251	\$109,251	\$8,876,231	\$8,003,826	\$8,003,826	\$8,003,826	\$93,943,688	\$93,943,688	\$500,876,030
Jan-15	\$11,649,783	\$189,293	\$189,293	\$11,839,076	\$10,511,508	\$10,511,508	\$10,511,508	\$104,455,196	\$104,455,196	\$605,331,226
Feb-15	\$11,899,783	\$189,293	\$189,293	\$12,088,076	\$10,760,501	\$10,760,501	\$10,760,501	\$115,215,697	\$115,215,697	\$720,546,923
Mar-15	\$11,029,983	\$177,434	\$177,434	\$11,207,417	\$10,026,076	\$10,026,076	\$10,026,076	\$125,241,773	\$125,241,773	\$845,788,696
Apr-15	\$10,293,116	\$164,949	\$164,949	\$10,458,065	\$9,548,949	\$9,548,949	\$9,548,949	\$134,790,722	\$134,790,722	\$980,579,418
May-15	\$10,617,160	\$192,007	\$192,007	\$10,809,167	\$9,860,956	\$9,860,956	\$9,860,956	\$144,651,678	\$144,651,678	\$1,125,231,096
Jun-15	\$11,428,838	\$206,204	\$206,204	\$11,635,042	\$10,617,160	\$10,617,160	\$10,617,160	\$155,268,838	\$155,268,838	\$1,280,500,000
Jul-15	\$12,710,959	\$403,062	\$403,062	\$13,114,021	\$11,809,167	\$11,809,167	\$11,809,167	\$167,077,965	\$167,077,965	\$1,447,577,965
Aug-15	\$12,908,359	\$403,062	\$403,062	\$13,317,421	\$12,012,076	\$12,012,076	\$12,012,076	\$179,090,041	\$179,090,041	\$1,626,667,965
Sep-15	\$12,908,359	\$403,062	\$403,062	\$13,317,421	\$12,012,076	\$12,012,076	\$12,012,076	\$191,102,117	\$191,102,117	\$1,817,770,082
Oct-15	\$12,908,359	\$403,062	\$403,062	\$13,317,421	\$12,012,076	\$12,012,076	\$12,012,076	\$203,114,193	\$203,114,193	\$2,020,884,275
Nov-15	\$12,908,359	\$403,062	\$403,062	\$13,317,421	\$12,012,076	\$12,012,076	\$12,012,076	\$215,126,269	\$215,126,269	\$2,236,010,544
Dec-15	\$12,908,359	\$403,062	\$403,062	\$13,317,421	\$12,012,076	\$12,012,076	\$12,012,076	\$227,138,345	\$227,138,345	\$2,463,148,889
Jan-16	\$10,987,320	\$189,521	\$189,521	\$11,176,841	\$9,860,956	\$9,860,956	\$9,860,956	\$237,000,000	\$237,000,000	\$2,700,148,889
Feb-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$246,648,862	\$246,648,862	\$2,946,797,751
Mar-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$256,297,723	\$256,297,723	\$3,203,095,474
Apr-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$265,946,685	\$265,946,685	\$3,469,042,159
May-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$275,595,547	\$275,595,547	\$3,744,637,706
Jun-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$285,244,409	\$285,244,409	\$4,029,882,115
Jul-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$294,893,271	\$294,893,271	\$4,324,775,386
Aug-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$304,542,133	\$304,542,133	\$4,629,317,519
Sep-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$314,190,995	\$314,190,995	\$4,943,508,514
Oct-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$323,839,857	\$323,839,857	\$5,267,348,371
Nov-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$333,488,719	\$333,488,719	\$5,600,837,090
Dec-16	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$343,137,581	\$343,137,581	\$5,943,974,671
Jan-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$352,786,443	\$352,786,443	\$6,296,761,114
Feb-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$362,435,305	\$362,435,305	\$6,659,196,419
Mar-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$372,084,167	\$372,084,167	\$7,031,280,586
Apr-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$381,733,029	\$381,733,029	\$7,413,013,615
May-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$391,381,891	\$391,381,891	\$7,804,395,506
Jun-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$401,030,753	\$401,030,753	\$8,205,426,259
Jul-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$410,679,615	\$410,679,615	\$8,616,105,874
Aug-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$420,328,477	\$420,328,477	\$9,036,434,351
Sep-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$430,000,000	\$430,000,000	\$9,466,434,351
Oct-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$439,671,523	\$439,671,523	\$9,906,105,874
Nov-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$449,343,046	\$449,343,046	\$10,355,448,920
Dec-17	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$459,014,569	\$459,014,569	\$10,814,463,489
Jan-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$468,686,092	\$468,686,092	\$11,283,149,581
Feb-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$478,357,615	\$478,357,615	\$11,761,507,196
Mar-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$488,029,138	\$488,029,138	\$12,249,536,334
Apr-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$497,700,661	\$497,700,661	\$12,747,236,995
May-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$507,372,184	\$507,372,184	\$13,254,609,179
Jun-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$517,043,707	\$517,043,707	\$13,771,652,886
Jul-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$526,715,230	\$526,715,230	\$14,298,368,116
Aug-18	\$10,816,369	\$189,521	\$189,521	\$10,996,890	\$9,648,862	\$9,648,862	\$9,648,862	\$536,386,753	\$536,386,753	\$14,834,754,869

PECO GSA 2 Actual Interest Calculation  
For the Period January 1, 2011 through June 30, 2018  
and July 2018 and August 2018

Month	Current Period Position of Revenue	Total Cost	Current Collection for interest	Interest Rate	Interest Term Factor	Interest Term Denominator	Total Interest to be Recovered from Customers	Interest Revenue Etc Recovered from Customers to Recovery	Interest Revenue Etc Recovered from Customers to Recovery month recovery	Cumulative Interest to be Returned to Customers
	(1) - (11) from Attachment 2, page 7	(2) - (1) from Attachment 2, page 8	(3) = (1) - (2)	(4)	(5)	(6)	(7) - (3) x (4) x (5) / (6)	(8)	(9)	(10) - (7) + (8) + (9)
Jan-13	\$13,207,013	\$14,490,164	(\$892,151)	6.10%	6	12	432,495	(\$16,664)	\$0	\$5,472
Feb-13	\$12,345,089	\$12,595,720	(\$250,631)	6.10%	7	12	150,325	(\$15,000)	\$0	\$26,407
Mar-13	\$12,374,705	\$11,069,800	\$1,304,905	6.10%	8	12	690,101	(\$44,778)	\$0	\$4,372
Apr-13	\$9,752,084	\$10,770,785	(\$1,018,701)	6.10%	9	12	506,643	(\$35,355)	\$0	\$25,335
May-13	\$11,599,961	\$10,889,671	\$710,290	6.10%	10	12	591,386	(\$41,386)	\$0	(\$43,400)
Jun-13	\$12,142,079	\$12,182,840	(\$40,761)	6.10%	11	12	351,523	(\$43,982)	\$0	(\$15,886)
Jul-13	\$13,203,987	\$12,970,529	\$233,458	6.10%	12	12	\$10,117	\$44,891	\$0	\$43,372
Aug-13	\$12,846,368	\$10,948,011	\$2,048,257	6.10%	1	12	\$15,108	\$7,116	\$0	\$165,803
Sep-13	\$11,039,927	\$10,566,617	\$546,720	6.10%	2	12	(\$1,302)	(\$2,718)	\$0	\$120,363
Oct-13	\$10,338,108	\$10,071,820	\$266,288	6.10%	3	12	\$11,539	(\$2,717)	\$0	\$106,165
Nov-13	\$10,583,707	\$11,059,110	(\$475,403)	6.10%	4	12	(\$13,073)	(\$26,372)	\$0	\$96,519
Dec-13	\$8,923,826	\$11,214,830	(\$2,291,004)	6.10%	5	12	(\$46,059)	(\$20,704)	\$0	(\$43,310)
Jan-14	\$11,708,990	\$12,073,681	(\$364,691)	6.10%	6	12	(\$11,852)	(\$20,344)	\$0	(\$55,661)
Feb-14	\$11,337,511	\$11,320,185	\$17,326	6.10%	7	12	\$85,25	(\$29,531)	\$0	(\$14,047)
Mar-14	\$11,353,180	\$10,143,661	\$1,209,519	6.10%	8	12	\$60,476	\$0	\$0	\$17,940
Apr-14	\$10,554,286	\$9,684,889	\$869,397	6.10%	9	12	\$41,141	\$0	\$0	(\$16,717)
May-14	\$8,835,966	\$9,702,055	(\$866,089)	6.10%	10	12	(\$23,817)	\$0	\$0	(\$12,940)
Jun-14	\$12,432,171	\$11,416,558	\$1,015,613	6.10%	11	12	\$50,781	\$48,000	\$0	\$62,024
Jul-14	\$11,699,873	\$12,795,203	(\$1,095,330)	6.10%	12	12	(\$89,124)	\$45,174	\$0	\$46,975
Aug-14	\$13,019,950	\$11,675,527	\$1,344,396	6.10%	1	12	\$89,124	\$50,265	\$0	\$186,847
Sep-14	\$9,118,991	\$10,455,076	(\$1,336,085)	6.10%	2	12	(\$52,441)	\$51,001	\$0	\$241,294
Oct-14	\$9,691,399	\$11,895,198	(\$2,203,800)	6.10%	3	12	(\$77,133)	(\$25,503)	\$0	\$152,350
Nov-14	\$11,499,414	\$11,140,371	\$359,043	6.10%	4	12	\$14,382	(\$27,234)	\$0	\$37,483
Dec-14	\$10,800,440	\$11,441,001	(\$640,561)	6.10%	5	12	(\$30,281)	\$0	\$0	\$51,845
Jan-15	\$13,262,908	\$12,211,989	\$1,050,919	6.10%	6	12	\$70,061	\$0	\$0	\$21,564
Feb-15	\$11,101,319	\$11,000,038	\$1,001,281	6.10%	7	12	\$6,077	\$0	\$0	\$91,625
Mar-15	\$9,445,342	\$9,684,674	(\$239,332)	6.10%	8	12	(\$8,733)	(\$14,358)	\$0	\$83,144
Apr-15	\$8,662,760	\$9,386,387	(\$723,627)	6.10%	9	12	(\$19,447)	(\$11,546)	\$0	\$62,044
May-15	\$11,853,465	\$11,343,465	\$510,000	6.10%	10	12	(\$14,332)	(\$13,705)	\$0	\$31,051
Jun-15	\$11,088,467	\$10,955,715	\$132,752	6.10%	11	12	(\$1,750)	(\$15,149)	\$0	\$2,814
Jul-15	\$8,664,081	\$9,302,920	(\$638,839)	6.10%	12	12	\$40,171	(\$14,970)	\$0	(\$13,579)
Aug-15	\$8,569,560	\$8,908,456	(\$338,896)	6.10%	1	12	\$12,730	\$4,070	\$0	\$17,672
Sep-15	\$8,953,127	\$9,491,792	(\$538,665)	6.10%	2	12	(\$24,811)	\$1,537	\$0	\$32,144
Oct-15	\$9,846,851	\$9,055,840	\$891,011	6.10%	3	12	(\$24,811)	\$3,306	\$0	\$13,189
Nov-15	\$9,745,317	\$9,648,052	\$97,265	6.10%	4	12	(\$15,131)	\$2,264	\$0	\$6,374
Dec-15	\$10,325,130	\$9,648,052	\$777,078	6.10%	5	12	\$7,024	\$5,191	\$0	\$19,711
Jan-16	\$7,707,575	\$7,542,484	\$165,091	6.10%	6	12	\$26,089	\$6,073	\$0	\$28,729
Feb-16	\$8,088,739	\$8,640,940	(\$552,201)	6.10%	7	12	(\$11,863)	(\$4,973)	\$0	\$67,644
Mar-16	\$8,404,196	\$8,025,907	\$378,289	6.10%	8	12	(\$10,755)	(\$3,688)	\$0	\$67,998
Apr-16	\$7,254,800	\$7,754,800	(\$500,000)	6.10%	9	12	(\$4,267)	(\$4,038)	\$0	\$47,546
May-16	\$7,057,003	\$6,857,394	\$199,609	6.10%	10	12	\$4,730	(\$4,838)	\$0	\$27,743
Jun-16	\$7,855,194	\$7,872,512	(\$17,318)	6.10%	11	12	(\$980)	(\$4,038)	\$0	\$81,162
Jul-16	\$9,787,232	\$8,781,924	\$1,005,308	6.10%	12	12	(\$27,700)	(\$3,750)	\$0	\$126,675
Aug-16	\$5,881,345	\$6,024,877	(\$143,532)	6.10%	1	12	(\$19,028)	(\$3,611)	\$0	\$195,148
Sep-16	\$7,154,317	\$7,002,416	\$151,901	6.10%	2	12	(\$12,828)	(\$3,978)	\$0	\$71,389
Oct-16	\$8,758,326	\$8,769,957	(\$11,631)	6.10%	3	12	(\$5,779)	(\$3,978)	\$0	\$70,180
Nov-16	\$9,176,140	\$9,677,858	(\$501,718)	6.10%	4	12	(\$8,984)	(\$3,978)	\$0	\$73,656
Dec-16	\$8,166,286	\$7,625,712	\$540,574	6.10%	5	12	(\$10,684)	(\$3,978)	\$0	\$73,353
Jan-17	\$7,827,140	\$7,827,140	\$0	6.10%	6	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Feb-17	\$8,166,286	\$8,166,286	\$0	6.10%	7	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Mar-17	\$7,827,140	\$7,827,140	\$0	6.10%	8	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Apr-17	\$7,827,140	\$7,827,140	\$0	6.10%	9	12	(\$11,648)	(\$3,978)	\$0	\$73,353
May-17	\$7,827,140	\$7,827,140	\$0	6.10%	10	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Jun-17	\$7,827,140	\$7,827,140	\$0	6.10%	11	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Jul-17	\$7,827,140	\$7,827,140	\$0	6.10%	12	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Aug-17	\$7,827,140	\$7,827,140	\$0	6.10%	1	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Sep-17	\$7,827,140	\$7,827,140	\$0	6.10%	2	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Oct-17	\$7,827,140	\$7,827,140	\$0	6.10%	3	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Nov-17	\$7,827,140	\$7,827,140	\$0	6.10%	4	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Dec-17	\$7,827,140	\$7,827,140	\$0	6.10%	5	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Jan-18	\$7,827,140	\$7,827,140	\$0	6.10%	6	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Feb-18	\$7,827,140	\$7,827,140	\$0	6.10%	7	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Mar-18	\$7,827,140	\$7,827,140	\$0	6.10%	8	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Apr-18	\$7,827,140	\$7,827,140	\$0	6.10%	9	12	(\$11,648)	(\$3,978)	\$0	\$73,353
May-18	\$7,827,140	\$7,827,140	\$0	6.10%	10	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Jun-18	\$7,827,140	\$7,827,140	\$0	6.10%	11	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Jul-18	\$7,827,140	\$7,827,140	\$0	6.10%	12	12	(\$11,648)	(\$3,978)	\$0	\$73,353
Aug-18	\$7,827,140	\$7,827,140	\$0	6.10%	1	12	(\$11,648)	(\$3,978)	\$0	\$73,353



**ATTACHMENT 3**

**PECO ENERGY COMPANY**

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

Attachment 3  
Page 1 of 15  
Revised

	Amount	GSA Rate			Rate GS			Rate PD			Rate HT			Rate EP		
		w/o GRT	Incl. Line	Loss Ratio	w/o GRT	Incl. Line	Loss Ratio	w/o GRT	Incl. Line	Loss Ratio	w/o GRT	Incl. Line	Loss Ratio	w/o GRT	Incl. Line	Loss Ratio
AS Ancillary Services and Alternative Energy Portfolio Standards Factor																
-Ancillary Service and AEPS (a)	\$594,709 page 2	0.341	0.357	0.379	0.351	0.373	0.358	0.337	0.358	0.337	0.358	0.337	0.358	0.337	0.358	0.337
-Additional AEPS Cost	\$136 page 2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Ancillary Service Cost and Alternative Energy Portfolio Standards Factor	\$594,845	0.341	0.357	0.379	0.351	0.373	0.358	0.337	0.358	0.337	0.358	0.337	0.358	0.337	0.358	0.337
AC Administrative Cost Factor																
-Administrative Cost	\$11,040 page 2	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Total Administrative Service Cost	\$11,040	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
E Factor Including Interest (c)																
-Over/(Under) Collection Jan 2011 to Jun 2018 (d)	\$1,842,934 page 11	0.509	0.509	0.541	0.509	0.541	0.541	0.509	0.541	0.509	0.541	0.509	0.541	0.509	0.541	0.509
-Net Interest Jan 2011 to Jun 2018 (d)	\$72,537 page 15	0.020	0.020	0.021	0.020	0.021	0.021	0.020	0.021	0.020	0.021	0.020	0.021	0.020	0.021	0.020
-Prior Period Over/(Under) Collection Revenue, Jul 2018 to Aug 2018	\$129,387 page 11	0.036	0.036	0.038	0.036	0.038	0.038	0.036	0.038	0.036	0.038	0.036	0.038	0.036	0.038	0.036
-Prior Period Interest Revenue, Jul 2018 to Aug 2018	\$1,088 page 15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total E Factor Including Interest	\$2,045,946	0.565	0.565	0.600	0.565	0.600	0.600	0.565	0.600	0.565	0.600	0.565	0.600	0.565	0.600	0.565
WC Working Capital Adjustment																
-Working Capital Adjustment (b)		0.018	0.018	0.019	0.018	0.019	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018
Total Working Capital Adjustment		0.018	0.018	0.019	0.018	0.019	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018	0.019	0.018
Total GSA Rate (AS + AC - E + WC)		-0.200	-0.184	-0.196	-0.190	-0.202	-0.217	-0.204	-0.217	-0.204	-0.217	-0.204	-0.217	-0.204	-0.217	-0.204
S Sales for Application Period in kWh																
S1 Sales for September 2018 through February 2019 in kWh	174,176,113 page 3															
	362,150,463 page 3															
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) Data reflects transition from Procurement Classes 3 Hourly and 4 Hourly Monthly Pricing to Procurement Class 3/4 Quarterly Pricing  
(d) Reflects adjustment in June 2017 for PAPUC Audit Finding  
Overcollection of \$1,186 included in page 11, columns 16 and 17  
Interest of \$419 included in page 15, columns 7 and 10

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

**For the Period December 1, 2018 through February 28, 2019**

Month	Default Supplier Hourly Pricing and PECO Provided Spot Ancillary Services, AEPS Compliance		Additional AEPS Costs (2)	Administrative Cost (3)
	(1)			
Dec-18	\$185,481	\$50	\$5,875	
Jan-19	\$219,198	\$45	\$2,511	
Feb-19	\$190,030	\$42	\$2,654	
Total	\$594,709	\$136	\$11,040	

# PECO GSA 3/4 (Hourly) Default kWh Sales

For the Period December 1, 2018 through February 28, 2019 and September 1, 2018 through February 28, 2019

Month	Total kWh	Rate GS kWh	Rate PD kWh	Rate HT kWh	Rate EP kWh
Dec-18	59,053,313	12,164,867	1,186,956	45,701,489	-
Jan-19	60,706,872	12,036,184	1,233,278	47,437,410	-
Feb-19	54,415,928	10,810,056	1,099,365	42,506,507	-
<b>Total</b>	<b>174,176,113</b>	<b>35,011,107</b>	<b>3,519,599</b>	<b>135,645,407</b>	<b>-</b>
<b>E factor Sales</b>					
Sep-18 through Feb-19	362,150,463	95,482,274	7,276,914	259,391,275	-

**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	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)
Jun-13							
Jul-13	\$1,377	\$5,181,412	\$67,727	\$23,032	\$5,273,548	0.99112195	\$5,226,729
Aug-13	\$1,421	\$4,540,257	\$65,587	\$25,315	\$4,632,600	0.99196794	\$4,595,391
Sep-13	\$0	\$4,142,906	\$75	\$22,712	\$4,165,693	0.99142235	\$4,129,961
Oct-13	\$0	\$3,989,741	\$188	\$29,674	\$4,019,603	0.99088587	\$3,982,968
Nov-13	\$0	\$3,908,572	\$210	\$27,123	\$3,935,905	0.98979968	\$3,895,757
Dec-13	\$0	\$4,216,782	\$62,080	\$24,906	\$4,303,768	0.98771159	\$4,250,882
Jan-14	\$0	\$4,542,507	\$66,011	\$25,798	\$4,634,316	0.98833361	\$4,580,250
Feb-14	\$0	\$3,919,432	\$58,823	\$24,650	\$4,002,905	0.99318057	\$3,975,608
Mar-14	\$0	\$4,121,192	\$61,008	\$26,467	\$4,208,667	0.99402610	\$4,183,525
Apr-14	\$0	\$3,541,030	\$1,323	\$30,605	\$3,572,958	0.99319481	\$3,548,644
May-14	\$0	\$3,940,042	\$101	\$32,609	\$3,972,752	1.00000000	\$3,972,752
Jun-14	\$0	\$3,970,905	\$76,417	\$39,006	\$4,086,328	1.00000000	\$4,086,328
Jul-14	\$0	\$4,332,565	\$83,635	\$26,889	\$4,443,089	1.00000000	\$4,443,089
Aug-14	\$0	\$4,029,398	\$97,983	\$26,597	\$4,153,978	1.00000000	\$4,153,978
Sep-14	\$0	\$3,684,151	\$66,330	\$28,255	\$3,778,736	1.00000000	\$3,778,736
Oct-14	\$0	\$3,543,155	\$7,826	\$35,100	\$3,586,081	1.00000000	\$3,586,081
Nov-14	\$0	\$3,531,604	\$704	\$34,765	\$3,567,073	1.00000000	\$3,567,073
Dec-14	\$0	\$4,252,483	\$69,538	\$32,212	\$4,354,233	1.00000000	\$4,354,233
Jan-15	\$0	\$4,629,283	\$72,445	\$32,397	\$4,734,125	1.00000000	\$4,734,125
Feb-15	\$0	\$4,132,503	\$66,274	\$31,607	\$4,230,384	1.00000000	\$4,230,384
Mar-15	\$0	\$4,049,406	\$64,050	\$33,194	\$4,146,650	1.00000000	\$4,146,650
Apr-15	\$0	\$3,667,806	\$60,740	\$41,472	\$3,770,018	1.00000000	\$3,770,018
May-15	\$0	\$4,103,493	\$55,894	\$50,942	\$4,210,329	1.00000000	\$4,210,329
Jun-15	\$0	\$3,391,912	\$35,350	\$13,874	\$3,441,136	1.00000000	\$3,441,136
Jul-15	\$0	\$3,726,985	\$39,364	\$14,107	\$3,780,456	0.99961061	\$3,778,984
Aug-15	\$0	\$3,776,351	\$97,591	\$11,893	\$3,885,835	0.99958313	\$3,884,215
Sep-15	\$0	\$3,542,748	\$36,336	\$25,463	\$3,604,547	0.99958594	\$3,603,055
Oct-15	\$0	\$3,098,511	\$13,216	\$28,075	\$3,140,403	0.99950747	\$3,138,856
Nov-15	\$0	\$2,895,772	\$252	\$31,728	\$2,927,752	0.99956317	\$2,928,473
Dec-15	\$0	\$3,568,293	\$54,498	(\$28,030)	\$3,594,761	0.99957792	\$3,593,244
Jan-16	\$0	\$3,757,695	\$31,953	\$14,299	\$3,803,947	0.99963938	\$3,802,575
Feb-16	\$0	\$3,633,047	\$31,227	\$3,835	\$3,668,109	0.99524681	\$3,650,674
Mar-16	\$0	\$3,922,634	\$5,194	\$3,471	\$3,931,299	0.99453402	\$3,909,810
Apr-16	\$0	\$3,414,183	(\$569)	\$4,775	\$3,418,389	0.99374740	\$3,397,015
May-16	\$0	\$2,983,979	\$177	\$4,532	\$2,988,688	0.99459819	\$2,972,544

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

PECO GSA 4 (Hourly) Actual Monthly Over(Under) Collections  
For the Period January 1, 2011 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, AEP's Compliance	Additional AEP's 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)
Jun-13	\$2,980,202	\$224,316	\$39,867	\$14,345	\$3,258,730	1.00000000	\$3,258,730
Jul-13	\$2,368,706	\$178,290	\$49,877	\$15,534	\$2,612,407	1.00000000	\$2,612,407
Sep-13	\$2,452,487	\$104,596	\$44,174	\$14,004	\$2,695,260	1.00000000	\$2,695,260
Oct-13	\$2,315,849	\$174,311	\$43,771	\$17,640	\$2,551,571	1.00000000	\$2,551,571
Nov-13	\$2,238,829	\$168,514	\$15,809	\$18,268	\$2,441,420	1.00000000	\$2,441,420
Dec-13	\$2,560,197	\$192,704	\$188	\$15,521	\$2,768,609	1.00000000	\$2,768,609
Jan-14	\$9,836,500	\$740,389	\$55	\$17,416	\$10,594,352	1.00000000	\$10,594,352
Feb-14	\$4,202,049	\$316,343	\$71	\$18,004	\$4,537,216	1.00000000	\$4,537,216
Mar-14	\$4,284,571	\$322,495	\$38	\$16,574	\$4,623,668	1.00000000	\$4,623,668
Apr-14	\$2,065,398	\$155,400	\$44	\$15,593	\$2,236,435	1.00000000	\$2,236,435
May-14	\$1,754,939	\$132,097	\$55	\$16,389	\$1,903,466	1.00000000	\$1,903,466
Jun-14	\$1,632,096	\$122,846	\$57	\$17,165	\$1,809,784	1.00000000	\$1,809,784
Jul-14	\$1,804,019	\$135,786	\$42,185	\$10,871	\$1,992,861	1.00000000	\$1,992,861
Aug-14	\$1,490,120	\$112,160	\$50,980	\$11,004	\$1,664,273	1.00000000	\$1,664,273
Sep-14	\$1,340,359	\$100,807	\$36,843	\$10,200	\$1,488,200	1.00000000	\$1,488,200
Oct-14	\$1,302,380	\$98,029	\$36,425	\$12,789	\$1,449,623	1.00000000	\$1,449,623
Nov-14	\$1,507,798	\$113,490	\$31,118	\$12,742	\$1,665,148	1.00000000	\$1,665,148
Dec-14	\$1,445,501	\$108,801	\$36,229	\$9,674	\$1,600,205	1.00000000	\$1,600,205
Jan-15	\$1,426,321	\$107,327	\$43,489	\$10,594	\$1,587,741	1.00000000	\$1,587,741
Feb-15	\$3,705,969	\$278,944	\$54,849	\$11,552	\$3,996,461	1.00000000	\$3,996,461
Mar-15	\$2,501,674	\$188,298	\$5	\$10,763	\$2,700,740	1.00000000	\$2,700,740
Apr-15	\$1,360,040	\$102,369	\$5	\$14,208	\$1,476,748	1.00000000	\$1,476,748
May-15	\$1,339,149	\$100,786	\$32	\$14,048	\$1,454,071	1.00000000	\$1,454,071
Jun-15	\$1,140,336	\$85,832	\$16,806	\$8,373	\$1,249,297	1.00000000	\$1,249,297
Jul-15	\$1,434,490	\$107,972	\$19,848	\$8,806	\$1,571,208	1.00000000	\$1,571,208
Aug-15	\$1,430,249	\$107,653	\$52,973	\$7,077	\$1,597,952	1.00000000	\$1,597,952
Sep-15	\$1,449,170	\$109,077	\$21,595	\$6,088	\$1,585,929	1.00000000	\$1,585,929
Oct-15	\$1,278,620	\$96,240	\$14,810	\$8,774	\$1,399,444	1.00000000	\$1,399,444
Nov-15	\$1,089,296	\$81,990	\$16,553	\$8,291	\$1,195,130	1.00000000	\$1,195,130
Dec-15	\$968,453	\$73,894	\$28,893	\$8,324	\$1,078,565	1.00000000	\$1,078,565
Jan-16	\$1,390,561	\$104,666	\$19,292	\$8,255	\$1,522,684	1.00000000	\$1,522,684
Feb-16	\$1,234,038	\$92,895	\$18,291	\$8,314	\$1,348,527	0.93225695	\$1,257,186
Mar-16	\$1,019,363	\$76,726	\$12,511	\$1,855	\$1,110,455	0.92729200	\$1,029,716
Apr-16	\$964,389	\$73,588	(\$204)	\$2,367	\$1,038,061	0.91170266	\$947,273
May-16	\$908,404	\$68,175	\$134	\$2,639	\$979,552	1.00000000	\$979,552
Jun-16	\$1,039,656	\$78,254	\$1	\$3,135	\$1,121,106	0.9592445	\$1,049,270
Jul-16	\$1,496,916	\$112,071	\$25	\$3,179	\$1,612,191	0.92715902	\$1,495,314
Aug-16	\$1,325,973	\$99,804	(\$118,954)	\$1,289	\$908,104	0.92429675	\$839,357
Sep-16	\$1,019,502	\$76,737	\$242,549	\$1,664	\$1,340,452	0.91872480	\$1,231,506
Oct-16	\$826,782	\$62,231	\$1	\$2,293	\$901,297	0.93174282	\$830,459
Nov-16	\$795,674	\$59,899	\$83	\$4,693	\$860,249	0.90544378	\$778,821
Dec-16	\$1,345,167	\$101,249	\$83	\$3,453	\$1,449,867	0.93786567	\$1,359,490
Jan-17	\$1,337,531	\$100,674	\$1	\$2,032	\$1,440,238	0.91370323	\$1,315,460
Feb-17	\$1,215,865	\$81,517	\$1	\$2,356	\$1,309,739	0.91915128	\$1,203,848
Mar-17	\$1,536,022	\$115,615	\$1	\$3,710	\$1,655,354	0.93336089	\$1,545,025
Apr-17	\$1,074,392	\$80,868	\$2	\$2,024	\$1,157,286	0.91530703	\$1,059,272
May-17	\$2,001,284	\$140,634	(\$3)	\$2,229	\$2,154,123	0.92922985	\$2,001,725

PECO GSA 3/4 (Hourly) Actual Monthly Over/(Under) Collections  
through June 30, 2018 and July 2018 and August 2018

Month	(1) Default Supplier Hourly Pricing and PECO Provided Spot Energy and Capacity	(2) Default Supplier Hourly Pricing and PECO Provided Spot Ancillary Services, AEPS Compliance	(3) Additional AEPS Costs	(4) Administrative Cost	(5)=(1)+(2)+(3)+(4) Total Cost Including Administrative Cost	(6) Allocation Factor	(7)=(5) x (6) Total Allocated Cost Including Administrative Cost
May-17	\$2,752,646	\$207,160	\$50,131	\$4,757	\$3,014,694	0.96849733	\$2,919,723
Jun-17	\$3,255,882	\$257,858	\$57,537	\$2,218	\$3,573,495	0.99831438	\$3,567,471
Jul-17	\$2,956,374	\$222,538	\$144,628	\$3,056	\$3,326,596	0.99962422	\$3,325,345
Aug-17	\$2,755,552	\$207,407	\$67,665	\$8,009	\$3,038,633	0.99969235	\$3,037,698
Sep-17	\$2,646,251	\$199,180	\$1,824	\$7,019	\$2,854,274	0.99970809	\$2,853,441
Oct-17	\$2,691,475	\$202,584	\$229	\$3,979	\$2,898,267	1.00000000	\$2,898,267
Nov-17	\$4,199,115	\$316,062	\$22,802	\$4,059	\$4,542,038	0.99919810	\$4,538,396
Dec-17	\$8,884,910	\$668,757	(\$2,511)	\$4,831	\$9,555,986	0.99949245	\$9,551,136
Jan-18	\$3,086,649	\$232,328	(\$144,045)	\$8,525	\$3,183,458	0.99956542	\$3,182,074
Feb-18	\$3,873,625	\$291,563	\$2,313	\$5,541	\$4,173,042	0.99947889	\$4,170,867
Mar-18	\$2,992,887	\$225,271	\$119,402	\$5,547	\$3,343,107	0.99958669	\$3,341,725
Apr-18	\$2,370,661	\$178,437	\$392	\$5,861	\$2,555,350	0.99963084	\$2,554,407
May-18	\$2,870,536	\$216,062	\$59,411	\$3,758	\$3,149,766	0.99963759	\$3,148,625
Jun-18							
Jul-18							
Aug-18							



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

Month	Default Supplier Current Revenue for Energy, Capacity, Ancillary Services, AEPs Excl GHT	Additional AEPs Revenue	Administrative Cost Excl GHT	Current Revenue for GHT	Total Current Period Revenue Excl GHT	Factor Excl for 12 Month Recovery	Factor Excl for 12 Month Recovery	Factor Excl for 12 Month Recovery	Total Current Month Revenue Excl GHT	Monthly Over/(Under) Collection for 6 Month Recovery	Cumulative Over/(Under) Collection	Monthly Over/(Under) Collection for 1 Month Recovery	Cumulative Over/(Under) Collection for 1 Month Recovery	Monthly Over/(Under) Collection for 1 Month Recovery	Cumulative Over/(Under) Collection
	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
Jun-13	\$4,060,300	\$13,689	\$27,373	\$4,101,362	(\$26,078)	50	(\$35,075)	\$5,991,546	\$142,433	\$1,901,485	\$1,901,485	\$1,901,485	\$1,901,485	\$1,901,485	\$1,901,485
Jul-13	\$4,718,829	\$12,172	\$25,545	\$4,756,546	(\$18,753)	50	(\$25,075)	\$4,727,792	\$142,433	\$3,427,792	\$5,329,287	\$3,427,792	\$5,329,287	\$3,427,792	\$5,329,287
Aug-13	\$4,403,038	\$19,253	\$35,622	\$4,457,913	(\$55,145)	50	(\$75,145)	\$4,382,768	\$142,433	\$3,565,201	\$6,894,518	\$3,565,201	\$10,459,718	\$3,565,201	\$10,459,718
Sep-13	\$3,923,039	\$17,058	\$31,739	\$3,971,836	(\$49,184)	50	(\$66,184)	\$3,905,652	\$142,433	\$3,763,219	\$12,668,937	\$3,763,219	\$14,232,156	\$3,763,219	\$14,232,156
Oct-13	\$4,267,885	\$19,420	\$29,822	\$4,317,127	(\$46,420)	50	(\$65,420)	\$4,251,707	\$142,433	\$3,898,282	\$16,567,138	\$3,898,282	\$18,160,438	\$3,898,282	\$18,160,438
Nov-13	\$4,693,222	\$19,305	\$29,121	\$4,741,648	(\$58,428)	50	(\$80,428)	\$4,661,220	\$142,433	\$4,003,653	\$17,570,791	\$4,003,653	\$22,174,141	\$4,003,653	\$22,174,141
Dec-13	\$4,395,738	\$19,166	\$24,462	\$4,439,366	(\$58,180)	50	(\$80,180)	\$4,359,186	\$142,433	\$4,216,753	\$18,787,544	\$4,216,753	\$26,390,894	\$4,216,753	\$26,390,894
Jan-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$19,898,137	\$4,110,643	\$30,501,537	\$4,110,643	\$30,501,537
Feb-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$20,008,780	\$4,110,643	\$34,612,180	\$4,110,643	\$34,612,180
Mar-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$24,118,823	\$4,110,643	\$38,722,823	\$4,110,643	\$38,722,823
Apr-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$28,228,866	\$4,110,643	\$42,833,469	\$4,110,643	\$42,833,469
May-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$32,338,909	\$4,110,643	\$46,944,112	\$4,110,643	\$46,944,112
Jun-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$36,448,752	\$4,110,643	\$51,054,755	\$4,110,643	\$51,054,755
Jul-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$40,558,595	\$4,110,643	\$55,165,398	\$4,110,643	\$55,165,398
Aug-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$44,668,438	\$4,110,643	\$59,276,041	\$4,110,643	\$59,276,041
Sep-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$48,778,281	\$4,110,643	\$63,386,684	\$4,110,643	\$63,386,684
Oct-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$52,888,124	\$4,110,643	\$67,497,327	\$4,110,643	\$67,497,327
Nov-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$56,997,967	\$4,110,643	\$71,607,970	\$4,110,643	\$71,607,970
Dec-14	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$61,107,810	\$4,110,643	\$75,718,613	\$4,110,643	\$75,718,613
Jan-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$65,217,653	\$4,110,643	\$79,829,256	\$4,110,643	\$79,829,256
Feb-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$69,327,496	\$4,110,643	\$83,939,900	\$4,110,643	\$83,939,900
Mar-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$73,437,339	\$4,110,643	\$88,050,543	\$4,110,643	\$88,050,543
Apr-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$77,547,182	\$4,110,643	\$92,161,186	\$4,110,643	\$92,161,186
May-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$81,657,025	\$4,110,643	\$96,271,829	\$4,110,643	\$96,271,829
Jun-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$85,766,868	\$4,110,643	\$100,382,472	\$4,110,643	\$100,382,472
Jul-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$89,876,711	\$4,110,643	\$104,493,115	\$4,110,643	\$104,493,115
Aug-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$93,986,554	\$4,110,643	\$108,603,758	\$4,110,643	\$108,603,758
Sep-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$98,096,397	\$4,110,643	\$112,714,401	\$4,110,643	\$112,714,401
Oct-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$102,206,240	\$4,110,643	\$116,825,044	\$4,110,643	\$116,825,044
Nov-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$106,316,083	\$4,110,643	\$120,935,687	\$4,110,643	\$120,935,687
Dec-15	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$110,425,926	\$4,110,643	\$125,046,330	\$4,110,643	\$125,046,330
Jan-16	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$114,535,769	\$4,110,643	\$129,156,973	\$4,110,643	\$129,156,973
Feb-16	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$118,645,612	\$4,110,643	\$133,267,616	\$4,110,643	\$133,267,616
Mar-16	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$122,755,455	\$4,110,643	\$137,378,259	\$4,110,643	\$137,378,259
Apr-16	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$126,865,298	\$4,110,643	\$141,488,902	\$4,110,643	\$141,488,902
May-16	\$4,004,204	\$19,480	\$25,483	\$4,049,167	(\$58,957)	50	(\$80,957)	\$3,968,210	\$142,433	\$4,110,643	\$130,975,141	\$4,110,643	\$145,599,545	\$4,110,643	\$145,599,545



**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 AEP's Excl Energy, Capacity Excl GRT	Default Supplier and PECO Provided Current Revenue for Ancillary Services and AEP's Excl GRT	Current Revenue for Administrative Cost Excl GRT	Total Current Period Revenue Excl GRT	E Factor and GRT for 1 month recovery	E Factor Excl Interest and GRT for 12 month recovery	E Factor Excl Interest and GRT for 12 month recovery	E Factor Excl 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)	
Jun-13	\$3,053,361	\$161,553	\$13,087	\$3,228,001	\$884,388	\$884,388	\$884,388	\$4,112,389	\$863,659	(\$1,323,181)	
Jul-13	\$2,757,431	\$181,216	\$15,974	\$2,954,621	\$257,531	\$257,531	\$257,531	\$3,212,552	\$600,145	(\$469,922)	
Aug-13	\$2,356,806	\$171,542	\$2,121,936	\$2,500,777	(\$1,176,633)	(\$1,176,633)	(\$1,176,633)	\$2,373,594	(\$191,696)	\$130,623	
Sep-13	\$2,311,297	\$167,401	\$14,666	\$2,493,364	\$98,789	\$98,789	\$98,789	\$2,592,153	\$93,867	(\$191,073)	
Oct-13	\$2,597,010	\$187,974	\$16,233	\$2,801,217	(\$540,902)	(\$540,902)	(\$540,902)	\$2,336,319	\$150,733	\$53,527	
Nov-13	\$5,619,822	\$224,998	\$15,037	\$5,859,857	\$224,994	\$224,994	\$224,994	\$6,084,850	(\$4,509,502)	(\$4,888,265)	
Dec-13	\$9,236,648	\$231,197	\$14,923	\$9,482,769	\$486,540	\$486,540	\$486,540	\$9,974,309	\$5,437,093	\$548,828	
Jan-14	\$4,404,096	\$183,399	\$19,796	\$4,607,291	(\$66,893)	(\$66,893)	(\$66,893)	\$4,540,398	(\$63,270)	\$465,558	
Feb-14	\$2,523,646	\$140,188	\$20,984	\$2,684,818	(\$419,024)	(\$419,024)	(\$419,024)	\$2,389,874	\$365,379	\$818,937	
Mar-14	\$2,013,970	\$128,756	\$16,618	\$2,159,344	\$161,600	\$161,600	\$161,600	\$1,740,360	(\$163,146)	\$655,791	
Apr-14	\$1,492,790	\$200,170	\$11,090	\$1,704,050	(\$10,180)	(\$10,180)	(\$10,180)	\$1,865,740	\$5,936	\$711,747	
May-14	\$1,523,732	\$208,667	\$9,012	\$1,741,411	(\$384,363)	(\$384,363)	(\$384,363)	\$1,922,972	(\$69,089)	\$641,858	
Jun-14	\$1,343,755	\$196,417	\$9,148	\$1,549,320	(\$443,492)	(\$443,492)	(\$443,492)	\$1,359,910	(\$304,363)	\$337,495	
Jul-14	\$1,116,308	\$177,641	\$17,067	\$1,311,016	\$113,488	\$113,488	\$113,488	\$1,119,177	(\$329,430)	(\$31,048)	
Aug-14	\$1,371,436	\$181,196	\$10,261	\$1,562,893	\$60,363	\$60,363	\$60,363	\$1,420,193	(\$29,430)	(\$60,471)	
Sep-14	\$1,261,741	\$187,626	\$7,752	\$1,457,119	(\$85,748)	(\$85,748)	(\$85,748)	\$1,021,256	(\$41,892)	(\$102,370)	
Oct-14	\$1,651,908	\$228,984	\$9,892	\$1,890,784	(\$55,939)	(\$55,939)	(\$55,939)	\$1,371,371	(\$228,834)	(\$331,204)	
Nov-14	\$3,335,648	\$103,178	\$12,760	\$3,451,586	\$212,576	\$212,576	\$212,576	\$3,116,533	(\$29,104)	(\$84,100)	
Dec-14	\$1,725,246	\$141,024	\$14,863	\$1,880,133	(\$37,009)	(\$37,009)	(\$37,009)	\$3,676,283	(\$975,543)	(\$964,028)	
Jan-15	\$1,153,776	\$121,516	\$7,021	\$1,282,313	\$144,697	\$144,697	\$144,697	\$2,017,186	\$541,037	\$652,552	
Feb-15	\$1,478,713	\$182,676	\$7,790	\$1,669,185	\$704,950	\$704,950	\$704,950	\$1,050,604	(\$403,391)	\$149,161	
Mar-15	\$1,583,143	\$175,006	\$7,561	\$1,765,710	(\$586,686)	(\$586,686)	(\$586,686)	\$1,082,409	(\$488,709)	\$388,418	
Apr-15	\$1,120,395	\$133,531	\$7,812	\$1,261,738	(\$413,734)	(\$413,734)	(\$413,734)	\$1,351,976	(\$245,376)	\$152,442	
May-15	\$1,472,501	\$170,311	\$7,812	\$1,652,724	(\$86,638)	(\$86,638)	(\$86,638)	\$1,450,442	(\$135,488)	\$183,595	
Jun-15	\$1,000,563	\$117,860	\$6,897	\$1,125,320	(\$136,630)	(\$136,630)	(\$136,630)	\$988,690	(\$207,440)	(\$23,845)	
Jul-15	\$1,099,092	\$151,267	\$6,060	\$1,256,620	(\$127,587)	(\$127,587)	(\$127,587)	\$1,065,105	\$52,167	\$28,322	
Aug-15	\$1,360,771	\$167,693	\$3,348	\$1,531,812	(\$44,765)	(\$44,765)	(\$44,765)	\$1,100,732	\$442,893	\$471,215	
Sep-15	\$1,287,208	\$890,166	\$2,014	\$1,444,407	\$443,765	\$443,765	\$443,765	\$1,115,786	(\$141,380)	\$329,635	
Oct-15	\$786,636	\$97,595	\$2,033	\$1,006,731	(\$317,844)	(\$317,844)	(\$317,844)	\$767,340	(\$64,611)	\$265,324	
Nov-15	\$1,104,480	\$111,841	\$2,717	\$1,219,038	(\$108,946)	(\$108,946)	(\$108,946)	\$1,085,944	(\$179,883)	\$95,341	
Dec-15	\$1,118,204	\$95,778	\$1,651	\$1,215,633	(\$145,533)	(\$145,533)	(\$145,533)	\$1,072,505	\$24,235	\$201,723	
Jan-16	\$1,293,114	\$87,958	\$1,584	\$1,382,656	(\$34,664)	(\$34,664)	(\$34,664)	\$1,180,969	\$24,235	\$225,968	
Feb-16	\$1,128,614	\$68,553	\$1,584	\$1,198,751	(\$42,981)	(\$42,981)	(\$42,981)	\$1,425,637	(\$314,345)	(\$86,377)	
Mar-16	\$835,204	\$76,952	\$1,170	\$913,326	(\$93,221)	(\$93,221)	(\$93,221)	\$1,126,359	\$586,280	\$497,900	
Apr-16	\$820,793	\$70,169	\$1,774	\$892,736	(\$112,640)	(\$112,640)	(\$112,640)	\$800,626	(\$29,933)	\$362,756	
May-16	\$1,648,008	\$143,870	\$3,691	\$1,795,569	(\$548,670)	(\$548,670)	(\$548,670)	\$1,055,008	\$273,187	\$636,110	
Jun-16	\$1,316,368	\$99,906	\$2,520	\$1,418,795	(\$36,864)	(\$36,864)	(\$36,864)	\$1,446,849	(\$112,601)	\$523,509	
Jul-16	\$1,120,435	\$89,796	\$2,495	\$1,212,726	\$12,674	\$12,674	\$12,674	\$1,361,941	\$65,881	\$589,490	
Aug-16	\$1,370,097	\$104,012	\$2,868	\$1,476,977	(\$148,245)	(\$148,245)	(\$148,245)	\$1,323,730	\$21,542	\$611,032	
Sep-16	\$1,156,554	\$61,820	\$2,072	\$1,220,446	(\$333,177)	(\$333,177)	(\$333,177)	\$907,269	(\$152,003)	\$394,739	
Oct-16	\$1,218,436	\$95,788	\$2,062	\$1,316,286	(\$110,499)	(\$110,499)	(\$110,499)	\$1,196,767	(\$804,938)	(\$562,202)	







**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 12 month recovery	Cumulative Interest to be Returned to Customers
	(1)	(2)	(3) = (1) - (2)	(4)	(5)	(6)	(7) = (3) x (4) x (5) / (6)	(8)	(9)	(10) = (7) + (8) + (9)
Jun-13	\$3,228,001	\$3,258,730	(\$30,729)	6.00%	4.5	12	(\$691)	\$7,774	\$0	\$317,605
Jul-13	\$2,954,621	\$2,612,407	\$342,214	6.00%	4.5	12	\$10,766	(\$338,270)	\$0	\$324,838
Aug-13	\$2,550,227	\$2,695,290	(\$145,063)	6.00%	4.5	12	(\$3,264)	\$18,399	\$0	\$311,666
Sep-13	\$2,295,624	\$2,551,571	(\$255,947)	6.00%	4.5	12	(\$5,791)	\$3,570	\$0	\$11,969
Oct-13	\$2,493,364	\$2,441,420	\$51,944	6.00%	4.5	12	\$1,558	(\$10,977)	\$0	\$9,780
Nov-13	\$2,801,221	\$2,768,609	\$32,612	6.00%	4.5	12	\$978	(\$12,235)	\$0	\$361
Dec-13	\$5,859,857	\$10,594,352	(\$4,734,495)	6.00%	4.5	12	(\$106,526)	\$8,824	\$0	(\$108,552)
Jan-14	\$9,487,769	\$4,537,216	\$4,950,553	6.00%	3.5	12	\$115,513	\$10,351	\$0	\$17,267
Feb-14	\$4,607,291	\$4,623,668	(\$16,377)	6.00%	4.5	12	(\$368)	\$0	\$0	\$16,859
Mar-14	\$2,684,818	\$2,236,495	\$448,323	6.00%	4.5	12	\$13,450	(\$3,273)	\$0	\$16,859
Apr-14	\$2,159,344	\$1,903,486	\$255,858	6.00%	4.5	12	\$7,676	(\$14,760)	\$0	\$27,076
May-14	\$1,704,050	\$1,809,784	(\$105,734)	6.00%	4.5	12	(\$2,379)	\$3,170	\$0	\$20,402
Jun-14	\$1,933,152	\$1,992,861	(\$59,709)	6.00%	4.5	12	(\$1,343)	\$5,080	\$0	\$21,193
Jul-14	\$1,744,273	\$1,664,273	\$80,000	6.00%	4.5	12	\$2,400	(\$15,753)	\$0	\$24,940
Aug-14	\$1,563,239	\$1,488,320	\$74,919	6.00%	4.5	12	\$2,248	(\$14,982)	\$0	\$11,587
Sep-14	\$1,306,704	\$1,449,623	(\$142,919)	6.00%	4.5	12	(\$3,216)	\$2,468	\$0	(\$1,147)
Oct-14	\$1,562,893	\$1,665,148	(\$102,255)	6.00%	4.5	12	(\$2,301)	\$4,643	\$0	(\$1,895)
Nov-14	\$1,457,119	\$1,600,205	(\$143,086)	6.00%	4.5	12	(\$3,219)	(\$3,063)	\$0	\$5,035
Dec-14	\$2,904,017	\$3,996,461	(\$1,092,444)	6.00%	4.5	12	(\$9,091)	(\$4,865)	\$0	\$1,602
Jan-15	\$1,896,409	\$2,700,740	(\$804,331)	6.00%	4.5	12	(\$24,580)	\$10,626	\$0	\$15,963
Feb-15	\$1,378,493	\$1,454,075	(\$75,582)	6.00%	4.5	12	(\$2,425)	\$3,385	\$0	\$12,722
Mar-15	\$3,531,586	\$2,700,740	\$830,846	6.00%	4.5	12	\$12,590	\$0	\$0	\$14,866
Apr-15	\$1,896,409	\$1,476,749	\$419,660	6.00%	4.5	12	(\$1,701)	(\$8,920)	\$0	\$29,415
May-15	\$1,282,313	\$1,249,297	\$33,016	6.00%	4.5	12	\$990	\$13,735	\$0	\$16,116
Jun-15	\$1,669,185	\$1,571,208	\$97,977	6.00%	4.5	12	\$2,939	(\$14,239)	\$0	\$7,637
Jul-15	\$1,765,710	\$1,587,952	\$177,758	6.00%	4.5	12	\$5,033	(\$15,515)	\$0	\$3,118
Aug-15	\$1,261,738	\$1,585,930	(\$324,192)	6.00%	4.5	12	(\$7,294)	\$2,775	\$0	\$10,716
Sep-15	\$1,652,723	\$1,389,444	\$263,279	6.00%	4.5	12	\$7,598	(\$4,969)	\$0	\$4,154
Oct-15	\$1,125,320	\$1,196,130	(\$70,810)	6.00%	4.5	12	(\$1,583)	(\$3,547)	\$0	\$6,003
Nov-15	\$1,258,419	\$1,078,565	\$179,854	6.00%	4.5	12	\$5,396	(\$8,020)	\$0	\$14,012
Dec-15	\$1,521,812	\$1,522,684	(\$872)	3.50%	4.5	12	(\$11)	(\$8,598)	\$0	\$7,730
Jan-16	\$1,433,630	\$1,257,166	\$176,464	3.50%	4.5	12	\$2,316	(\$1,542)	\$0	\$5,886
Feb-16	\$1,006,731	\$1,029,716	(\$22,985)	3.50%	4.5	12	(\$302)	(\$3,750)	\$0	\$1,205
Mar-16	\$876,286	\$947,223	(\$70,937)	3.50%	4.5	12	(\$931)	\$284	\$0	\$2,915
Apr-16	\$1,088,193	\$979,552	\$108,641	3.50%	4.5	12	\$1,426	(\$1,476)	\$0	\$3,667
May-16	\$1,219,038	\$1,049,270	\$169,768	3.50%	4.5	12	\$3,228	(\$1,114)	\$0	\$6,643
Jun-16	\$1,215,633	\$1,495,314	(\$279,681)	3.50%	4.5	12	(\$3,671)	(\$1,295)	\$0	\$5,191
Jul-16	\$1,382,656	\$839,357	\$543,299	3.50%	4.5	12	\$7,131	(\$1,571)	\$0	\$9,360
Aug-16	\$1,219,580	\$1,231,505	(\$11,926)	3.50%	4.5	12	(\$100)	(\$1,564)	\$0	\$7,220
Sep-16	\$914,266	\$830,459	\$83,807	3.50%	4.5	12	\$1,495	\$2,128	\$0	\$8,686
Oct-16	\$892,736	\$778,821	\$113,915	3.50%	4.5	12	\$1,100	\$0	\$0	\$9,039
Nov-16	\$1,795,559	\$1,359,490	\$436,069	3.75%	4.5	12	\$6,132	(\$2,272)	\$0	\$8,686
Dec-16	\$1,418,795	\$1,315,950	\$102,845	3.75%	4.5	12	\$1,446	\$271	\$0	\$4,981
Jan-17	\$1,212,716	\$1,203,848	\$8,868	3.75%	5.5	12	\$152	(\$2,047)	\$0	\$4,831
Feb-17	\$1,476,977	\$1,545,025	(\$68,048)	4.00%	9.0	12	(\$2,041)	(\$5,129)	\$0	\$4,663
Mar-17	\$1,240,446	\$1,181,174	\$59,272	4.00%	8.0	12	(\$15,994)	(\$1,687)	\$0	(\$13,028)
Apr-17	\$1,316,286	\$2,001,725	(\$685,439)	4.00%	7.0	12				

PECO GSA 3/4 (Hourly) Actual Interest Calculation  
 through June 30, 2018  
 and July 2018 and August 2018

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 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 6 month recovery	Cumulative Interest to be Returned to Customers 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										
Jun-17	\$3,363,758	\$2,919,723	\$444,035	4.25%	6	12	\$9,855	(\$1,314)	\$0	\$2,496
Jul-17	\$3,890,804	\$3,567,471	\$323,333	4.25%	11	12	\$12,597	(\$848)	\$0	\$11,037
Aug-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	\$2,896,267	(\$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	(\$2,921)	\$0	\$718
Feb-18	\$5,410,083	\$3,182,074	\$2,228,009	4.50%	10	12	\$83,550	(\$1,971)	\$0	\$7,728
Mar-18	\$3,243,701	\$4,170,867	(\$927,166)	4.75%	9	12	(\$33,030)	\$552	\$0	\$89,307
Apr-18	\$3,310,774	\$3,341,725	(\$30,951)	4.75%	8	12	(\$980)	\$643	\$0	\$56,829
May-18	\$2,911,119	\$2,554,407	\$356,712	4.75%	7	12	\$9,884	\$555	\$0	\$56,492
Jun-18	\$3,347,901	\$3,148,625	\$199,276	5.00%	6	12	\$4,982	\$624	\$0	\$66,931
Jul-18								\$667	\$0	\$72,537
Aug-18								\$421	\$0	