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March 27, 2018

**VIA eFILING**

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

**Re: Petition of PECO Energy Company for Approval of Its Default Service Program for the Period June 1, 2017 through May 31, 2019, Docket No. P-2016-2534980**

Dear Secretary Chiavetta:

Pursuant to the Commission Order in PECO Energy Company's Default Service Program for the Period from June 1, 2017 through May 31, 2019 ("DSP IV"), the parties conducted a Stakeholder Collaborative on January 29, 2018, to discuss any aspect of the products or programs approved in the DSP IV program, as well as other retail market enhancement issues relating to PECO's provision of default service.<sup>1</sup> Within 60 days of the stakeholder collaborative, PECO is required to file a report summarizing the Collaborative, which is contained herein.

On agreement of the parties, PECO hosted a conference call in which PECO presented an update on market conditions, trends in energy and capacity prices, an update on retail shopping in the PECO service territory, and a procurement schedule correction. A copy of the presentation made by PECO is Attachment A. PECO addressed questions by the parties both during the collaborative and in subsequent follow-up.

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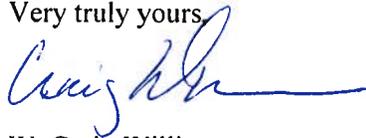
<sup>1</sup> *Petition of PECO Energy Company for Approval of Its Default Service Program for the Period June 1, 2017 through May 31, 2019, Docket No. P-2016-2534980* (December 8, 2016), pp 10-11, para. 12.

Rosemary Chiavetta, Secretary  
March 27, 2018  
Page 2

The parties agreed that no further collaborative and no modification to the terms of the DSP IV settlement and Order were necessary.

Kindly contact me if there are further questions about the PECO DSP IV Stakeholder Collaborative.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Craig Williams", with a long horizontal flourish extending to the right.

W. Craig Williams

WCW/alb  
Enclosure

cc: Certificate of Service (via Email)

# **ATTACHMENT A**



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# **PECO DSP IV Mid-Point Stakeholder Collaborative**

January 29, 2018

*Confidential Collaborative Materials: For Discussion Purposes Only*

# Agenda

- Introductions
- Background
- Current Market Conditions
- PECO's Standard Offer Program
- DSP IV Procurement Schedule Correction
- Stakeholder Discussions/Recommendations for changes to DSP IV Program (if any)
- Decision - need for a follow-up collaborative in February 2018
- Review of follow-ups/Adjourn
- Appendix
  - DSP IV RFP Reports to Date
  - DSP IV PTC Postings to Date

## Background

Per the PUC's Order approving the partial settlement in PECO's DSP IV case,

"12. The Joint Petitioners agree that the DSP IV Program shall be in effect for a period of four years, from June 1, 2017 through May 31, 2021.

- (a) PECO agrees to hold a stakeholder collaborative in January 2018, with a follow-up collaborative in February 2018, if necessary, open to all parties to this proceeding, to discuss any aspect of the products or programs approved in the DSP IV Program, as well as other retail market enhancement issues as they relate to PECO's provision of default service.
- (b) In the event any party believes market conditions have significantly changed during the period following the Commission's issuance of its final Order in this proceeding to January 2018, the parties may present such information supporting their position and recommendations for changes to the DSP IV Program during the collaborative.
- (c) Within 60 days from the date of the January 2018 collaborative (or the February 2018 collaborative, if held), PECO will submit a report at this Docket summarizing the collaborative."



# ASSESSMENT OF MARKET CONDITIONS

Market conditions have not significantly changed since the Commission's 12/8/16 issuance of its Final Order in the PECO DSP IV Proceeding:

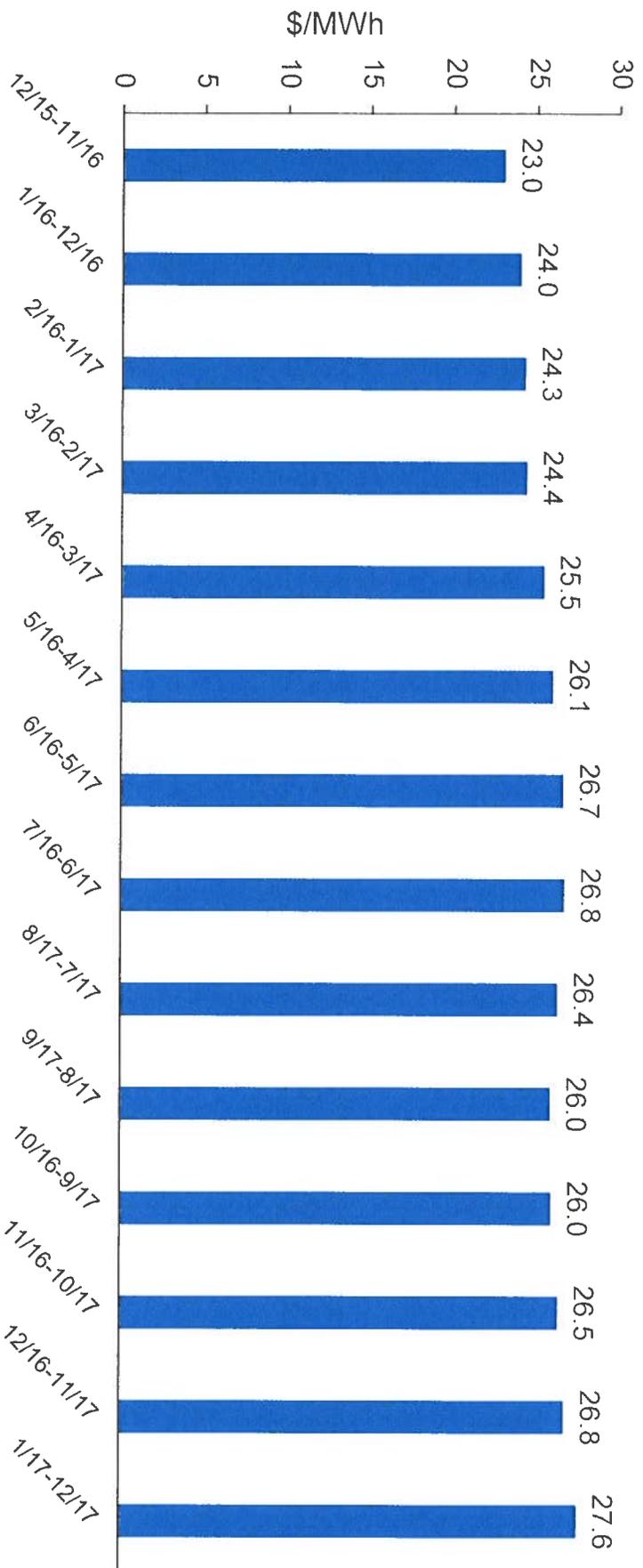
- Energy prices have remained at roughly the same levels, as evidenced by observations of spot prices, forward prices, and FTR auction results.
- The Base Residual Auction (BRA) that was completed since the issuance of the Order cleared a price for PECO capacity that is within the range of previous BRA prices.
- Alternative Energy Credit (AEC) price movements have been small relative to the overall cost of supply, given that required AEC percentages are a small portion of total supply.
- The residual compensation values, which are embedded in the winning default service supply bid prices to cover residual costs and risks, continue to represent only a small portion of the winning bid prices.
- The competitive retail market remains supported, as evidenced by the numbers of competitive retail suppliers competing in the market and the percentages of customer load that are being served by these suppliers.



# PECO ZONE SPOT ENERGY PRICES

The trailing 12-month average spot energy price for the PECO Zone has risen slightly since December 2016, however it remains in the mid-to-upper \$20s per MWh on an around-the-clock basis:

**12-Month Average Day-Ahead PECO Zone Spot Price (\$/MWh)**



Source: Ventyx / Energy Velocity.

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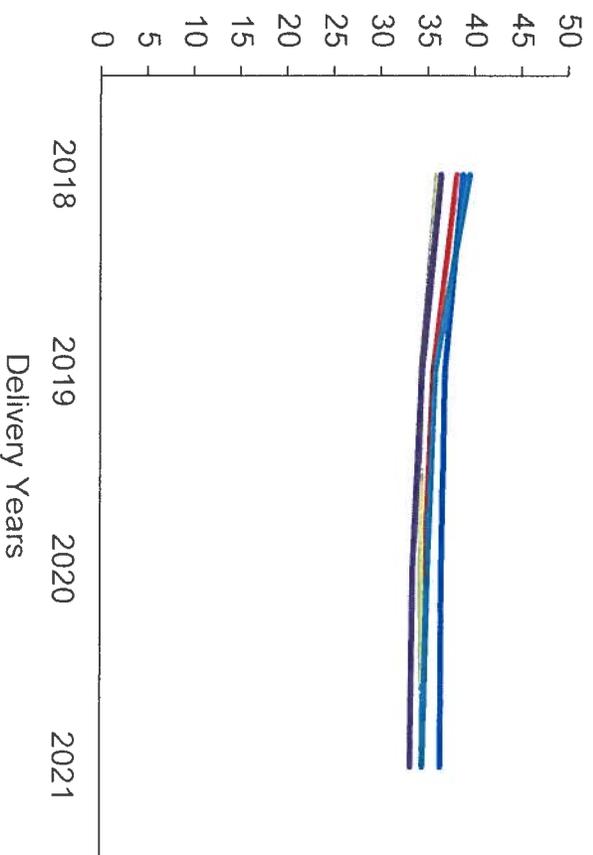


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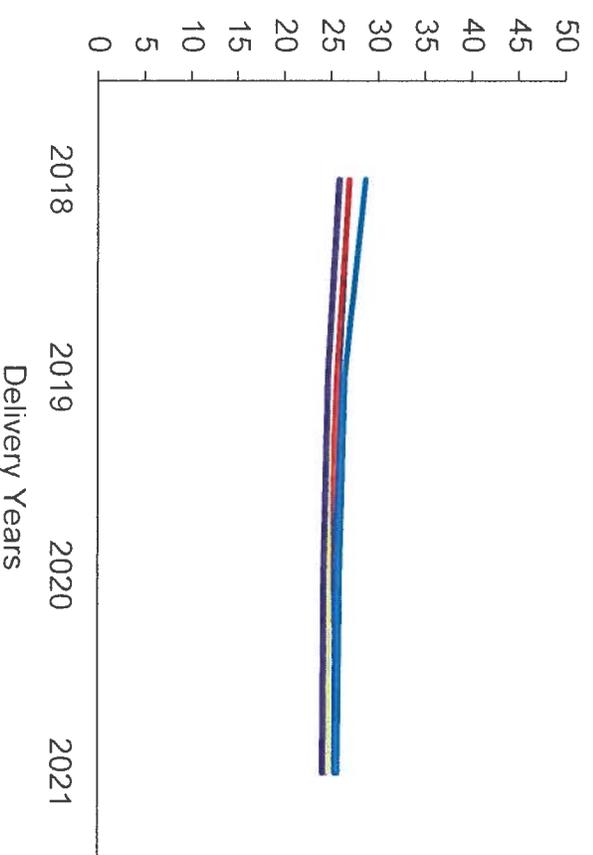
# PJM FORWARD ENERGY PRICES

Similarly, energy price expectations have not changed materially, as evidenced by PJM forward energy prices for 2018-2021, which remain in the mid-to-upper \$30s per MWh for on-peak and in the mid-to-upper \$20s for off-peak on an annual basis:

**NYMEX On-Peak PJM Western Hub  
Energy Forward Prices (\$/MWh)**



**NYMEX Off-Peak PJM Western Hub  
Energy Forward Prices (\$/MWh)**



Source: NYMEX provided by Ventyx / Energy Velocity. Trade dates refer to end of month, with the

exception of "Dec-16" which is 12/8/16.

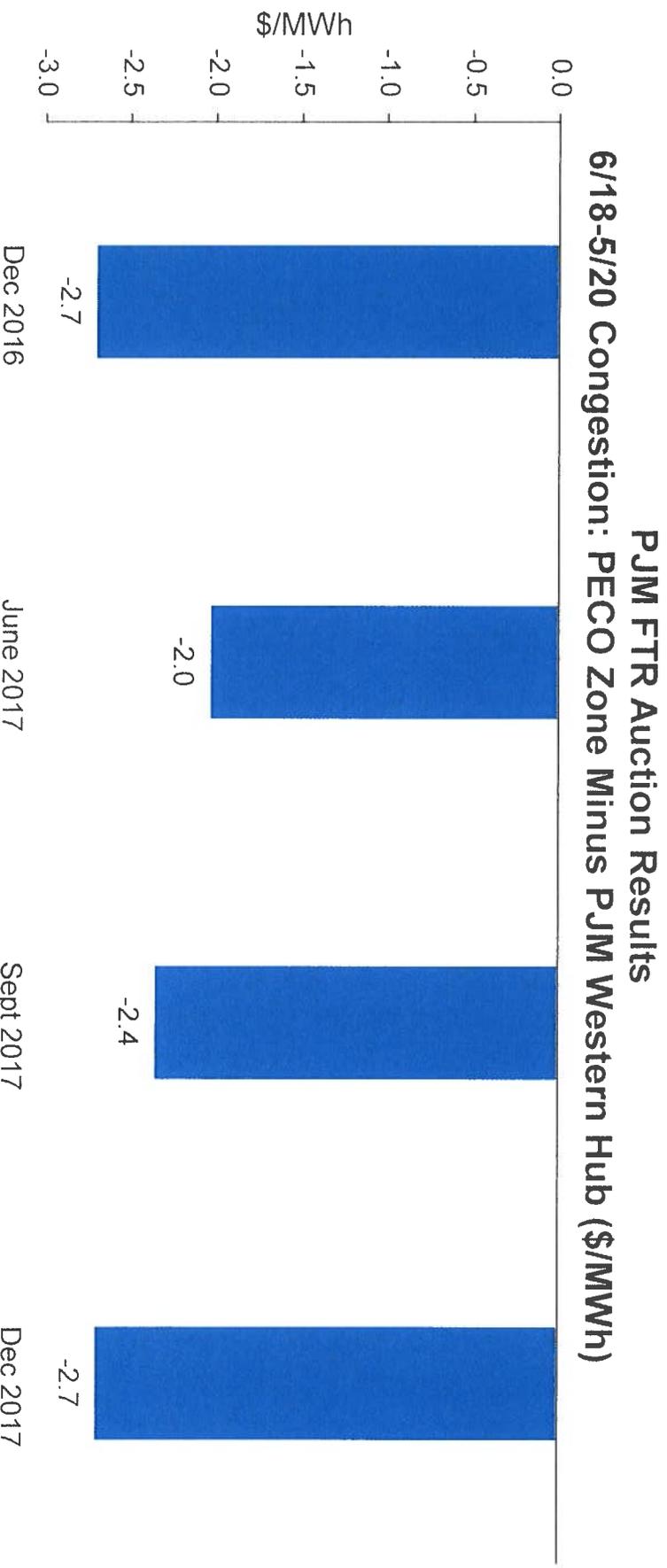
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# PECO ZONE FORWARD CONGESTION

As indicated by PJM's FTR auction results, the expectations of energy congestion between PJM Western Hub and the PECO Zone also have remained stable:

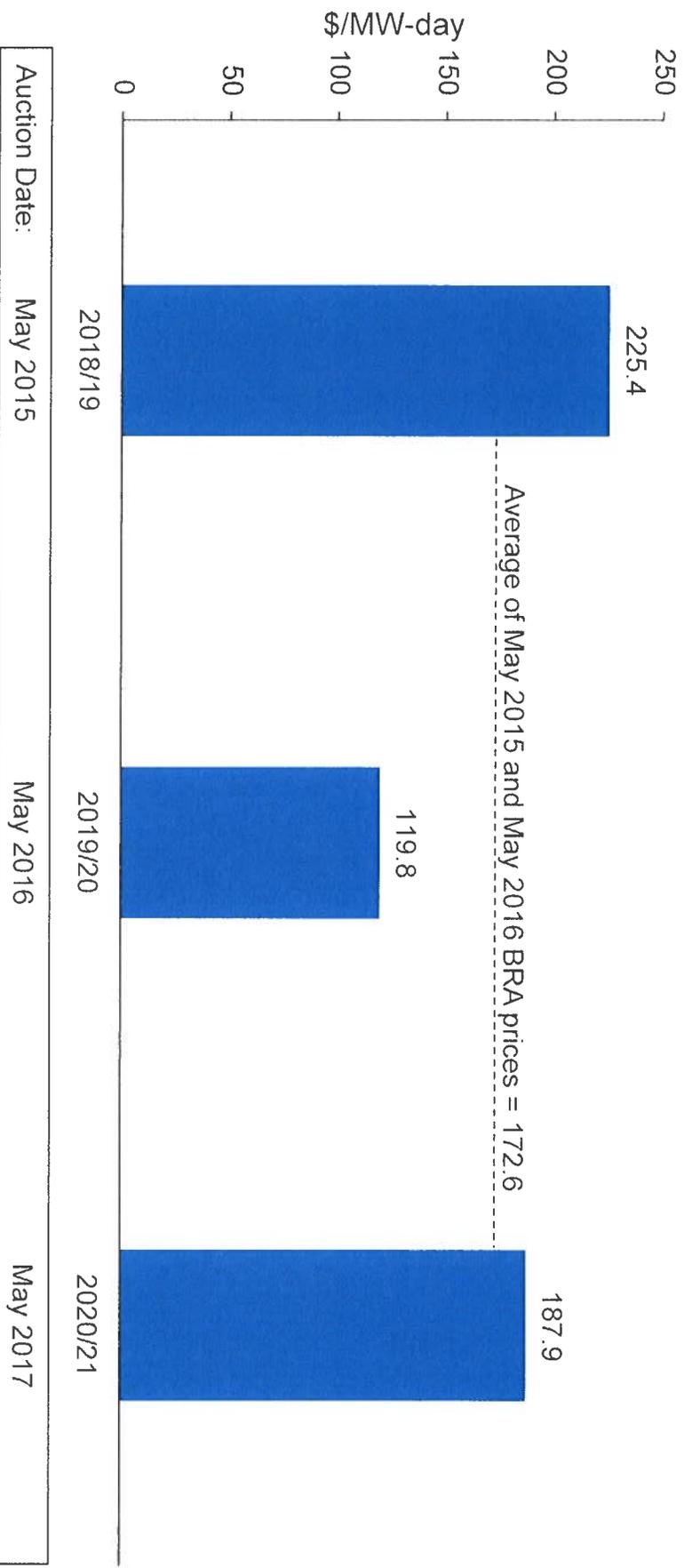


Source: PJM.

# PECO (EMMAAC) CAPACITY PRICES

In May 2017, PJM held its Base Residual Auction for capacity for the June 2020 to May 2021 energy year. The price for the PECO Zone cleared close to the average of the PECO Zone prices for the previous two auctions:

**PECO Zone Capacity Price (\$/MW-day)**



Source: PJM.

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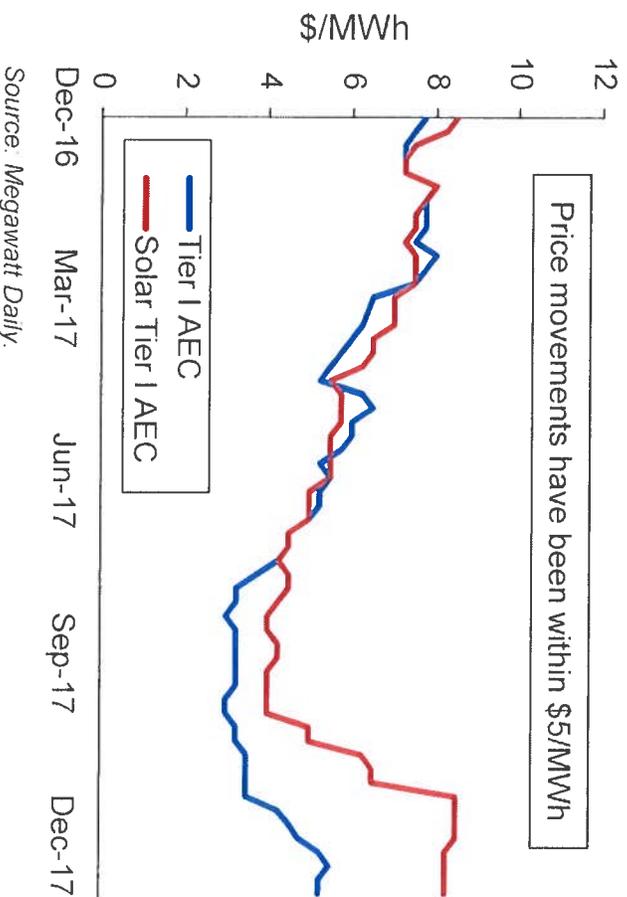


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# ALTERNATIVE ENERGY CREDIT PRICES

AEC price movements have been small relative to the overall cost of supply, given that required AEC percentages are a small portion of total supply:

## Pennsylvania AEC Prices (\$/MWh)



## Pennsylvania Tier I AEC Requirements

Time Period	Tier I AEC	Solar Tier I AEC
6/17-5/18	6.50%	0.3400%
6/18-5/19	7.00%	0.3900%
6/19-5/20	7.50%	0.4433%
6/20-5/21	8.00%	0.5000%

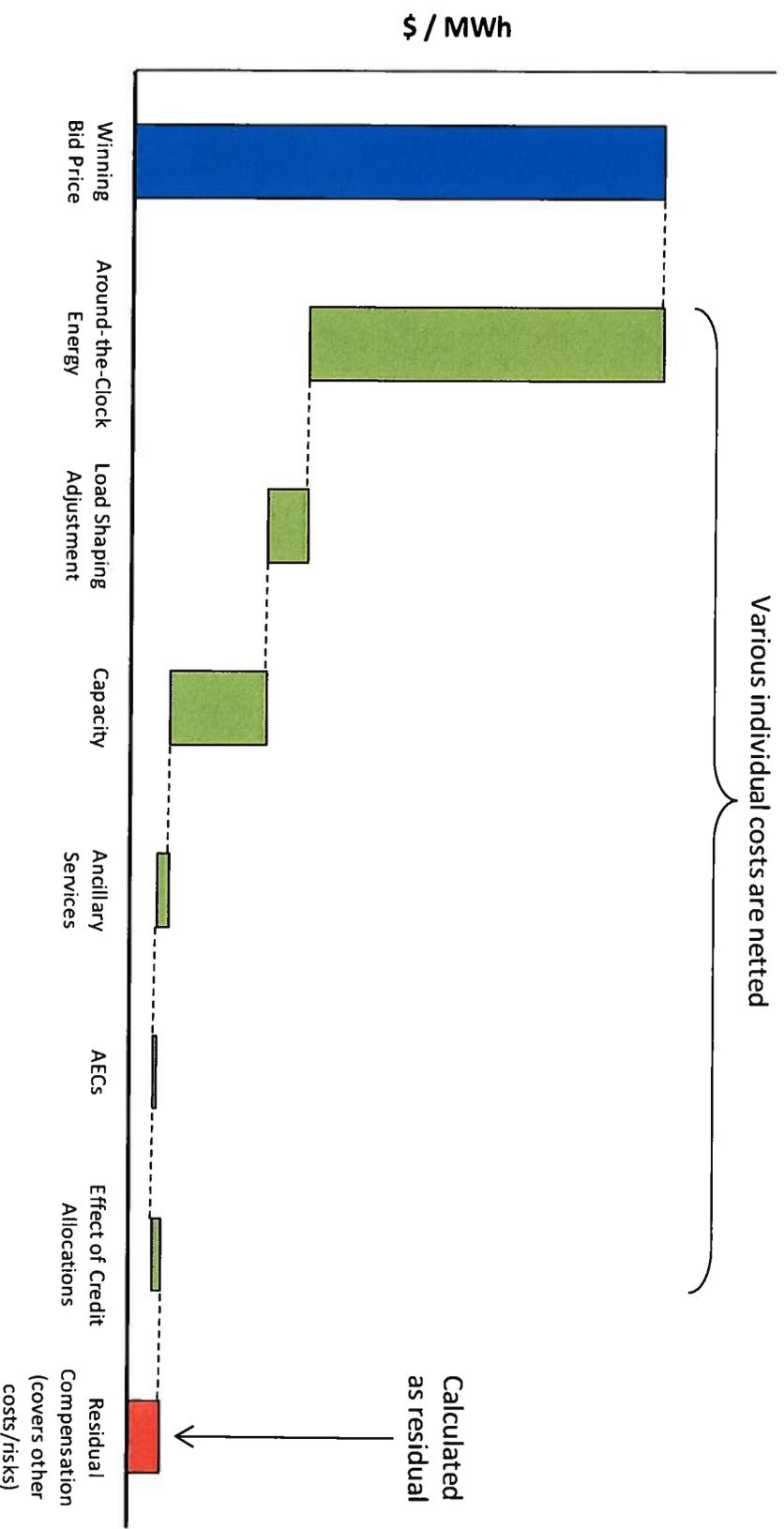
For example, with an 8% Tier I AEC requirement and a 0.5% Solar Tier I requirement included as part of the 8%, AEC price changes of \$5/MWh change total supply cost by only  $8\% \times \$5/\text{MWh} = \$0.40/\text{MWh}$ .



# RESIDUAL COMPENSATION

The “residual compensation” included in suppliers’ bid prices covers costs and risks that are not otherwise individually quantified,<sup>1</sup> and an analysis of residual compensation can assist in evaluating full requirements supply product pricing:

## Illustrative Full Requirements Supply Product Analysis

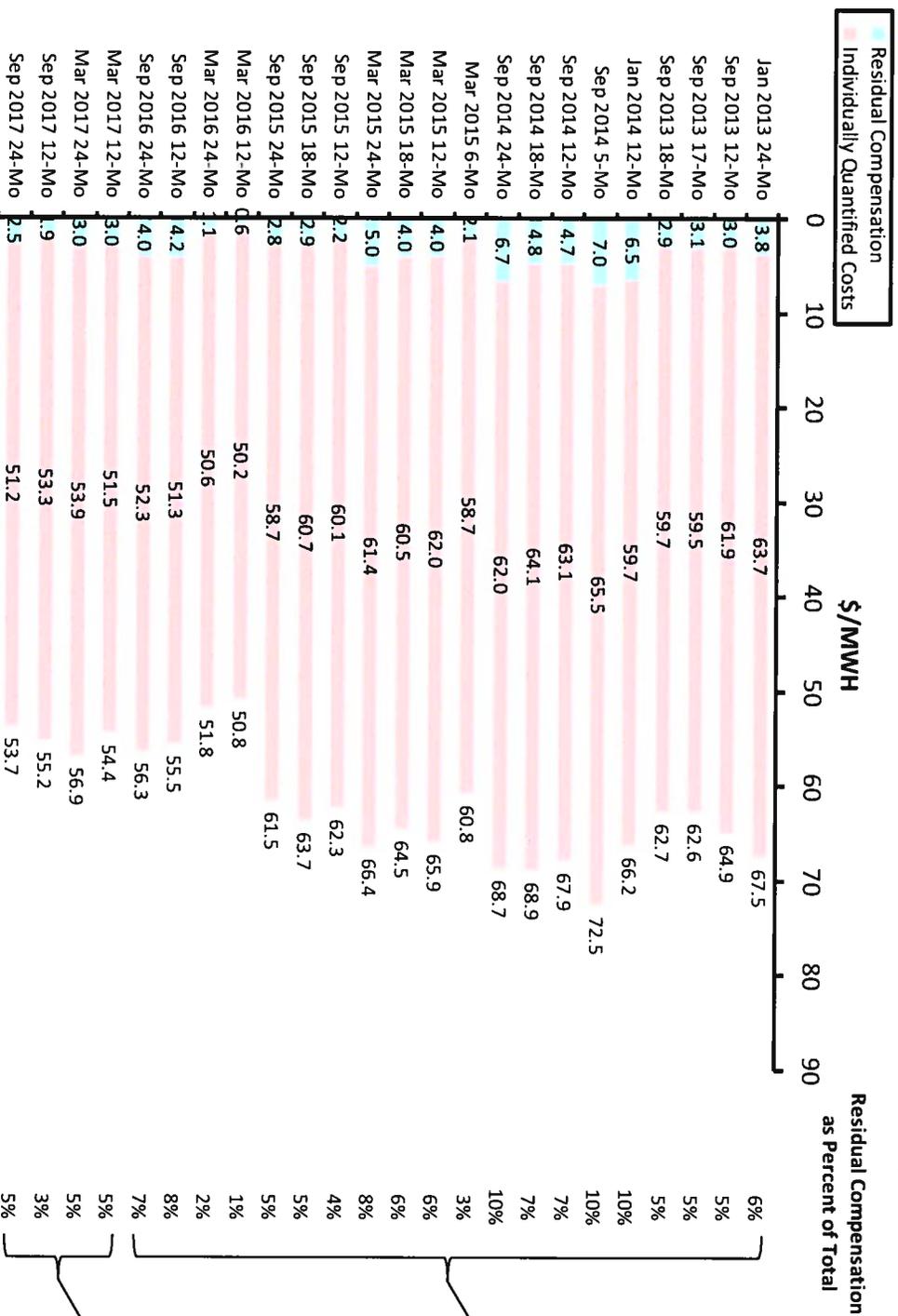


<sup>1</sup> Such costs and risks relate to customer migration, usage and price uncertainty, unexpected congestion, adverse selection, adverse developments in energy markets during the time a bid is held open, potential changes in laws and regulations, administrative and legal costs, and credit-related costs.

# PECO SUPPLY RESID COMP VALUES

Residual compensation values from solicitations held since the 12/8/16 Order have been comparable to the values before the Order was issued, and continue to represent only a small portion of the winning bid prices:

**Analysis of Winning Residential Supply Bid Prices (past five years)**



Before 12/8/16 Order:  
Average RC value ~6%

Since 12/8/16 Order:  
Average RC value ~5%



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# RETAIL MARKET IN PECO ZONE

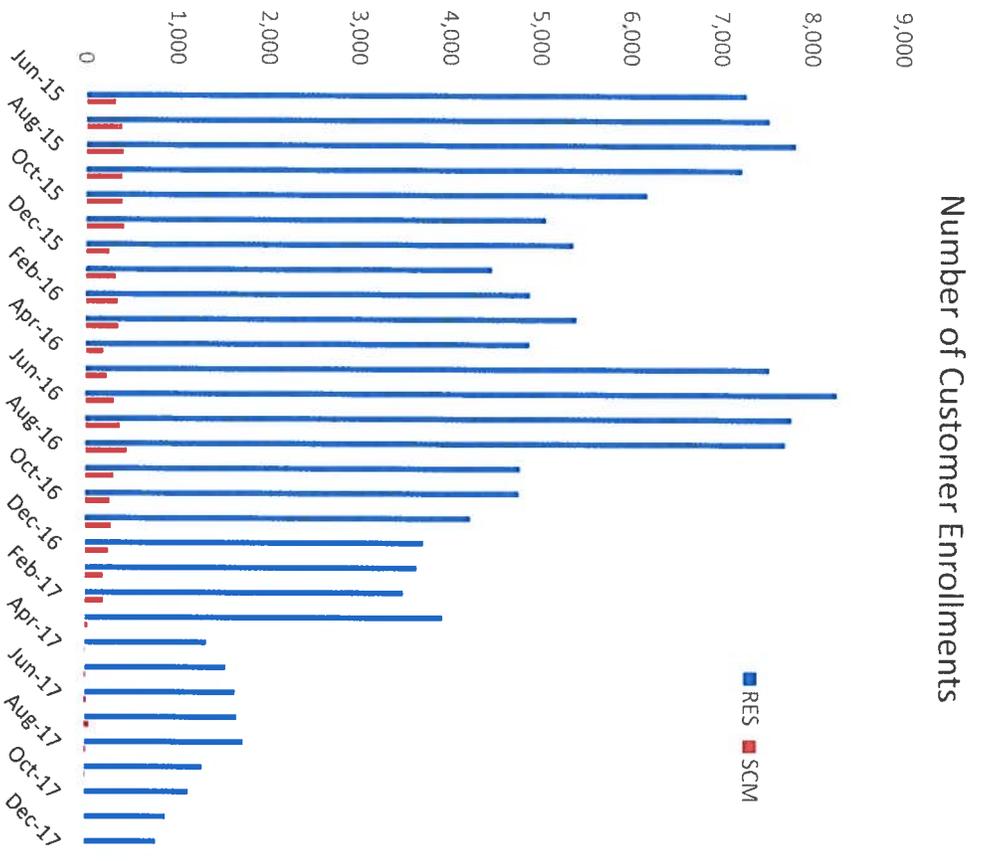
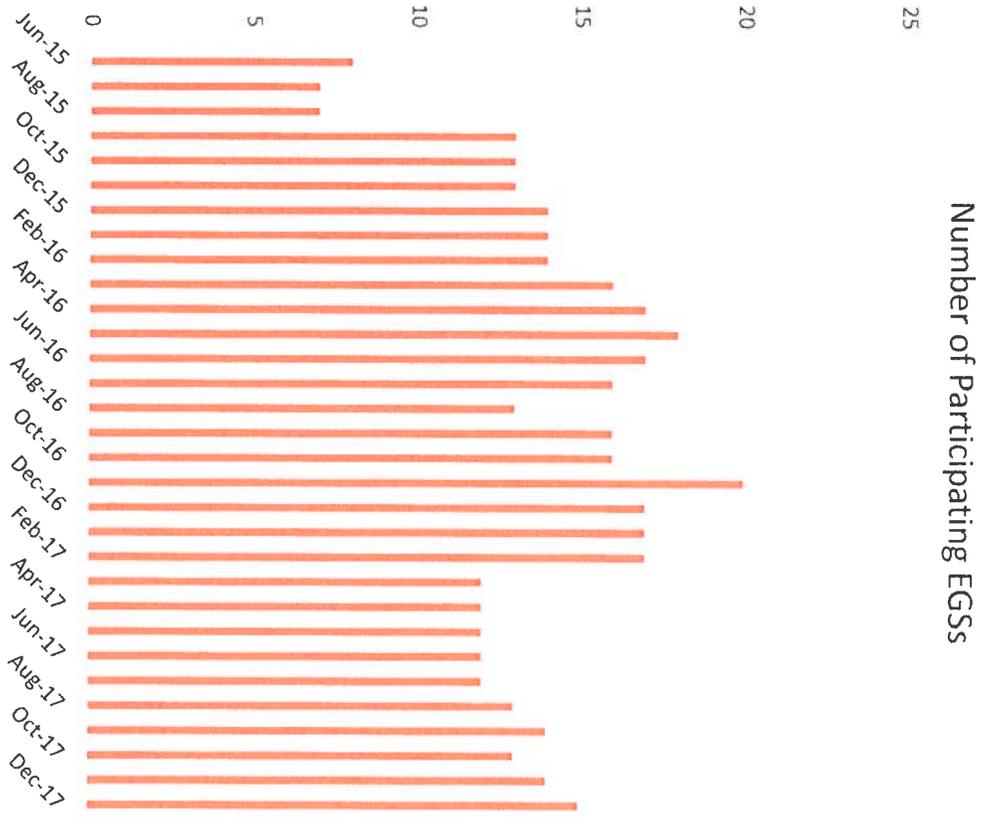
The competitive retail market has been supported since the 12/8/16 issuance of the Final Order in the PECO DSP IV Proceeding:

## Retail Market Changes Since the 12/8/16 Order

	End of Nov 2016	End of Dec 2017	Change
<u>Number of Competitive Retail Suppliers</u>			
Serving PECO Residential Customers	97	100	+3
Serving PECO Customers	105	111	+6
Licensed & Certified to Serve in PECO Zone	137	147	+10
<u>Percentage of Load Switched to a Competitive Retail Supplier<sup>1</sup></u>			
Residential	36%	35%	-1%
Small Commercial	62%	59%	-3%
Consolidated LC&I		94%	

<sup>1</sup> Includes customers being served by competitive retail suppliers, as well as pending switches (i.e., customers who will be switched in the next 45 days).

# Standard Offer Statistics



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# DSPIV Procurement Schedule Correction

## Exhibit A

Class	Product Term	Months	Full Requirements Fixed Price Products								
			March 2017	Sept 2017	March 2018	Sept 2018	March 2019	Sept 2019	March 2020	Sept 2020	
Small Commercial	June 2017 - May 2018	12	9								
	June 2017 - May 2019	24	3								
	December 2017 - November 2018	12		9							
	December 2017 - November 2019	24		3							
	June 2018 - May 2019	12			6						
	June 2018 - May 2020	24			3						
	December 2018 - November 2019	12				6					
	December 2018 - November 2020	24				3					
	June 2019 - May 2020	12					6				
	June 2019 - May 2021	24					3				
	December 2019 - November 2020	12						6			
	December 2019 - November 2021	24						3			
June 2019 - May 2021	12							6			
June 2019 - May 2022	24								6		
December 2019 - November 2021	12								3		
December 2019 - November 2022	24									3	

### March 2020 Procurement

June 2020 – May 2021

June 2020 – May 2022

### Sept 2020 Procurement

December 2020 – November 2021

December 2020 – November 2022

# Appendix

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# DSP IV RFP Results

## Results of the March 2017 Solicitation

Class	Residential		Small Commercial		Consolidated Large C&I
Supply Period	Jun 2017- May 2018	Jun 2017- May 2019	Jun 2017- May 2018	Jun 2017- May 2019	Jun 2017- May 2018
Product Type	Fixed-Price Full Requirements				Spot-Price Full Requirements
Weighted average winning bid price (\$/MWh)	54.42	56.85	51.90	54.56	2.78
Tranche Size (% of Class Load)	1.60%	1.60%	4.17%	4.17%	12.50%
Number of tranches procured	12	11	9	3	8

Source: [www.pecoprocurement.com](http://www.pecoprocurement.com)

# DSP IV RFP Results

## Results of the September 2017 Solicitation

Class	Residential		Small Commercial	
Supply Period	Dec 2017- Nov 2018	Dec 2017- Nov 2019	Dec 2017- Nov 2018	Dec 2017- Nov 2019
Product Type	Fixed-Price Full Requirements			
Weighted average winning bid price (\$/MWh)	55.20	53.73	51.59	50.06
Tranche Size (% of Class Load)	1.60%	1.60%	4.17%	4.17%
Number of tranches procured	12	9	9	3

Source: [www.pecoprocurement.com](http://www.pecoprocurement.com)

# Residential Price to Compare

Updated as of 01/13/2017

## PECO Price to Compare Effective December 1, 2016 through February 28, 2017 (ACTUAL)

Procurement Class 1 - Residential Customers				
Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R)	all kWh's	7.467	See Note (2)	0.580
Residential Heating (RH)	all kWh's	7.467	See Note (2)	0.580

## PECO Price to Compare Effective March 1, 2017 through May 31, 2017 (ACTUAL)

Procurement Class 1 - Residential Customers				
Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R)	all kWh's	7.158	See Note (2)	0.580
Residential Heating (RH)	all kWh's	7.158	See Note (2)	0.580

**Notes:**

- (1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 3.90% effective 01/01/2012.
- (2) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).
- (3) Transmission Charge is based on the PUC Orders, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.
- (4) Effective January 1, 2013, Rate OP was no longer available in its current form per the PUC Order (Docket No. P-2008 -2062739). Rate OP customers are served under Rate R or RH.
- (5) Effective January 1, 2013, the phase out of energy blocking rates was eliminated per the PUC Order (Docket No. P-2008 -2062739).
- (6) Summer months are from June through September, Winter months are from October through May.

Source: [www.peco.com](http://www.peco.com)



# Residential Price to Compare

Updated as of 07/17/2017

## PECO Price to Compare Effective June 1, 2017 through August 31, 2017

**(ACTUAL)**

### Procurement Class 1 - Residential Customers

Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R) all kWh's	7.107	6.419	See Note (2)	0.688
Residential Heating (RH) all kWh's	7.107	6.419	See Note (2)	0.688

## PECO Price to Compare Effective September 1, 2017 through November 30, 2017

**(ACTUAL)**

### Procurement Class 1 - Residential Customers

Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R) all kWh's	7.131	6.443	See Note (2)	0.688
Residential Heating (RH) all kWh's	7.131	6.443	See Note (2)	0.688

- Notes:
- (1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
  - (2) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).
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  - (6) Summer months are from June through September. Winter months are from October through May.

Source: [www.peco.com](http://www.peco.com)

# Residential Price to Compare

Updated as of 01/12/2018

## PECO Price to Compare Effective December 1, 2017 through February 28, 2018 (ACTUAL)

### Procurement Class 1 - Residential Customers

Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R) all kWh's	7.216	6.518	See Note (2)	0.698
Residential Heating (RH) all kWh's	7.216	6.518	See Note (2)	0.698

## PECO Price to Compare Effective March 1, 2018 through May 31, 2018 (ACTUAL)

### Procurement Class 1 - Residential Customers

Residential Rate Classes	Price to Compare (cents/kWh) <sup>(1), (5)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
Residential (R) all kWh's	7.099	6.401	See Note (2)	0.698
Residential Heating (RH) all kWh's	7.099	6.401	See Note (2)	0.698

Notes:

- (1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
- (2) Alternative Energy Portfolio Standard (AEPs) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPs Act. Effective June 1, 2013, AEPs is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).
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- (6) Summer months are from June through September. Winter months are from October through May.

Source: [www.peco.com](http://www.peco.com)



# Small Commercial Price to Compare

Updated as of 01/13/2017

PECO Price to Compare Effective December 1, 2016 through February 28, 2017

Procurement Class 2 (Demand < = 100KW) - Small Commercial & Industrial Customers

(ACTUAL)

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6.967	6.408	See Note (2)	0.559
Primary - Distribution Power (PD)	6.499	6.298	See Note (2)	0.201
High - Tension Power (HT)	6.243	6.042	See Note (2)	0.201
Alley Lighting in City of Philadelphia (AL)	4.857	4.781	See Note (2)	0.076
Private Outdoor Lighting (POL)	4.857	4.781	See Note (2)	0.076
Street Lighting - Suburban Counties (SL-S)	4.857	4.781	See Note (2)	0.076
Street Lighting Customer-Owned Facilities - (SL-E)	4.857	4.781	See Note (2)	0.076
Traffic Lighting Constant Load Service (TLCL)	6.484	6.408	See Note (2)	0.076

PECO Price to Compare Effective March 1, 2017 through May 31, 2017

(ACTUAL)

Procurement Class 2 (Demand < = 100KW) - Small Commercial & Industrial Customers

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6.499	5.940	See Note (2)	0.559
Primary - Distribution Power (PD)	6.041	5.840	See Note (2)	0.201
High - Tension Power (HT)	5.801	5.600	See Note (2)	0.201
Alley Lighting in City of Philadelphia (AL)	4.389	4.313	See Note (2)	0.076
Private Outdoor Lighting (POL)	4.389	4.313	See Note (2)	0.076
Street Lighting - Suburban Counties (SL-S)	4.389	4.313	See Note (2)	0.076
Street Lighting Customer-Owned Facilities - (SL-E)	4.389	4.313	See Note (2)	0.076
Traffic Lighting Constant Load Service (TLCL)	6.016	5.940	See Note (2)	0.076

Notes:

(1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.

(2) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).

(3) Transmission Charge is based on the PUC Orders: Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: www.peco.com

Confidential Collaborative Materials: For Discussion Purposes Only



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# Small Commercial Price to Compare

Updated as of 07/17/2017

## PECO Price to Compare Effective June 1, 2017 through August 31, 2017

**(ACTUAL)**

### Procurement Class 2 (Demand <= 100KW) - Small Commercial & Industrial Customers

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6,758	6,221	See Note (2)	0.537
Primary - Distribution Power (PD)	6,395	6,116	See Note (2)	0.279
High - Tension Power (HT)	6,148	5,869	See Note (2)	0.279
Alley Lighting in City of Philadelphia (AL)	4,766	4,697	See Note (2)	0.069
Private Outdoor Lighting (POL)	4,766	4,697	See Note (2)	0.069
Street Lighting - Suburban Counties (SL-S)	4,766	4,697	See Note (2)	0.069
Street Lighting Customer-Owned Facilities - (SL-E)	4,766	4,697	See Note (2)	0.069
Traffic Lighting Constant Load Service (TLCL)	6,290	6,221	See Note (2)	0.069

## PECO Price to Compare Effective September 1, 2017 through November 30, 2017

**(ACTUAL)**

### Procurement Class 2 (Demand <= 100KW) - Small Commercial & Industrial Customers

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6,562	6,025	See Note (2)	0.537
Primary - Distribution Power (PD)	6,200	5,921	See Note (2)	0.279
High - Tension Power (HT)	5,962	5,883	See Note (2)	0.279
Alley Lighting in City of Philadelphia (AL)	4,570	4,501	See Note (2)	0.069
Private Outdoor Lighting (POL)	4,570	4,501	See Note (2)	0.069
Street Lighting - Suburban Counties (SL-S)	4,570	4,501	See Note (2)	0.069
Street Lighting Customer-Owned Facilities - (SL-E)	4,570	4,501	See Note (2)	0.069
Traffic Lighting Constant Load Service (TLCL)	6,094	6,025	See Note (2)	0.069

Notes:

(1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.

(2) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).

(3) Transmission Charge is based on the PUC Order, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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An Exelon Company

# Small Commercial Price to Compare

Updated as of 01/12/2018

PECO Price to Compare Effective December 1, 2017 through February 28, 2018

**(ACTUAL)**

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6.878	6.285	See Note (2)	0.593
Primary - Distribution Power (PD)	6.514	6.177	See Note (2)	0.337
High - Tension Power (HT)	6.264	5.927	See Note (2)	0.337
Alley Lighting in City of Philadelphia (AL)	4.889	4.825	See Note (2)	0.064
Private Outdoor Lighting (POL)	4.889	4.825	See Note (2)	0.064
Street Lighting - Suburban Counties (SL-S)	4.889	4.825	See Note (2)	0.064
Street Lighting Customer-Owned Facilities - (SL-E)	4.889	4.825	See Note (2)	0.064
Traffic Lighting Constant Load Service (TLCL)	6.349	6.285	See Note (2)	0.064

PECO Price to Compare Effective March 1, 2018 through May 31, 2018

**(ACTUAL)**

Business & Street Lighting Rate Classes	Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Generation Charge (cents/kWh) (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(2)</sup> (C)	Transmission Charge (cents/kWh) <sup>(3)</sup> (D)
General Service (GS)	6.607	6.014	See Note (2)	0.593
Primary - Distribution Power (PD)	6.248	5.911	See Note (2)	0.337
High - Tension Power (HT)	6.007	5.670	See Note (2)	0.337
Alley Lighting in City of Philadelphia (AL)	4.618	4.554	See Note (2)	0.064
Private Outdoor Lighting (POL)	4.618	4.554	See Note (2)	0.064
Street Lighting - Suburban Counties (SL-S)	4.618	4.554	See Note (2)	0.064
Street Lighting Customer-Owned Facilities - (SL-E)	4.618	4.554	See Note (2)	0.064
Traffic Lighting Constant Load Service (TLCL)	6.078	6.014	See Note (2)	0.064

Notes:

(1) Price to Compare (PTC) includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.

(2) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Generation Charge per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).

(3) Transmission Charge is based on the PUC Order, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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# Medium Commercial Price to Compare

Updated as of 12/16/2016

## PECO Price to Compare Effective December 1, 2016 through December 31, 2016

**(ACTUAL)**

Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers				
Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	(1.409)	(1.969)	See Note (3)	0.559
Primary - Distribution Power (PD)	(1.773)	(1.974)	See Note (3)	0.201
High - Tension Power (HT)	(1.789)	(1.990)	See Note (3)	0.201

## PECO Price to Compare Effective January 1, 2017 through January 31, 2017

**(ACTUAL)**

Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers				
Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.397	(0.162)	See Note (3)	0.559
Primary - Distribution Power (PD)	0.033	(0.168)	See Note (3)	0.201
High - Tension Power (HT)	0.018	(0.183)	See Note (3)	0.201

## PECO Price to Compare Effective February 1, 2017 through February 28, 2017

**(ACTUAL)**

Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers				
Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.305	0.746	See Note (3)	0.559
Primary - Distribution Power (PD)	0.941	0.740	See Note (3)	0.201
High - Tension Power (HT)	0.926	0.725	See Note (3)	0.201

Notes:  
 (1) The Adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.99% effective 01/01/2012.  
 (2) The hourly price adder includes administrative charge, working capital charge, E factor, ancillary charge and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the costs of energy and capacity which are passed through at the real time price. The administrable charge includes the costs of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.  
 (3) Alternative Energy Portfolio Standard (AEPs) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPs Act. AEPs is included in the Hourly Price Adder.  
 (4) Transmission Charge is based on the PUC Orders, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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# Medium Commercial Price to Compare

## PECO Price to Compare Effective March 1, 2017 through March 31, 2017

**(ACTUAL)**

### Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.234	0.675	See Note (3)	0.559
Primary - Distribution Power (PD)	0.870	0.669	See Note (3)	0.201
High - Tension Power (HT)	0.855	0.654	See Note (3)	0.201

## PECO Price to Compare Effective April 1, 2017 through April 30, 2017

**(ACTUAL)**

### Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.136	0.577	See Note (3)	0.559
Primary - Distribution Power (PD)	0.772	0.571	See Note (3)	0.201
High - Tension Power (HT)	0.757	0.556	See Note (3)	0.201

## PECO Price to Compare Effective May 1, 2017 through May 31, 2017

**(ACTUAL)**

### Hourly Price Adder for Procurement Class 3 (100KW < Demand <= 500KW) - Medium Commercial & Industrial Customers

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.454	(0.105)	See Note (3)	0.559
Primary - Distribution Power (PD)	0.090	(0.111)	See Note (3)	0.201
High - Tension Power (HT)	0.075	(0.126)	See Note (3)	0.201

Notes:

- (1) The Adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.80% effective 01/01/2012.
- (2) The hourly price adder includes administrative charge, working capital charge, E factor, ancillary charge and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the costs of energy and capacity which are passed through at the real time price. The administrative charge includes the cost of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.
- (3) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. AEPS is included in the Hourly Price Adder.
- (4) Transmission Charge is based on the PUC Order, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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# Large C&I Price to Compare

Updated as of 12/16/2016

## PECO Price to Compare Effective December 1, 2016 through December 31, 2016

### Hourly Price Adder for Procurement Class 4 (Demand > 500KW) - Large Commercial & Industrial Customers **(ACTUAL)**

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) * (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	(1.541)	(2.100)	See Note (3)	0.559
Primary - Distribution Power (PD)	(1.905)	(2.105)	See Note (3)	0.201
High - Tension Power (HT)	(1.920)	(2.121)	See Note (3)	0.201
Electric Propulsion (EP)	(1.920)	(2.121)	See Note (3)	0.201

## PECO Price to Compare Effective January 1, 2017 through January 31, 2017

### Hourly Price Adder for Procurement Class 4 (Demand > 500KW) - Large Commercial & Industrial Customers **(ACTUAL)**

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) * (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.975	0.416	See Note (3)	0.559
Primary - Distribution Power (PD)	0.611	0.410	See Note (3)	0.201
High - Tension Power (HT)	0.596	0.395	See Note (3)	0.201
Electric Propulsion (EP)	0.596	0.395	See Note (3)	0.201

## PECO Price to Compare Effective February 1, 2017 through February 28, 2017

### Hourly Price Adder for Procurement Class 4 (Demand > 500KW) - Large Commercial & Industrial Customers **(ACTUAL)**

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) * (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.103	0.544	See Note (3)	0.559
Primary - Distribution Power (PD)	0.739	0.538	See Note (3)	0.201
High - Tension Power (HT)	0.724	0.523	See Note (3)	0.201
Electric Propulsion (EP)	0.724	0.523	See Note (3)	0.201

- Notes:
- (1) The Adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
  - (2) The hourly price adder includes administrative charge, working capital charge, E factor (starting May 1, 2011), ancillary charge, and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the costs of energy and capacity which are passed through at the real time price. The administrative charge includes the costs of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.
  - (3) Alternative Energy Portfolio Standard (AEPs) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPs Act. Effective June 1, 2013, AEPs is included in the Hourly Price Adder per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).
  - (4) Transmission Charge is based on the PUC Orders, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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# Large C&I Price to Compare

## PECO Price to Compare Effective March 1, 2017 through March 31, 2017

(ACTUAL)

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) - (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.432	(0.127)	See Note (3)	0.559
Primary - Distribution Power (PD)	0.068	(0.133)	See Note (3)	0.201
High - Tension Power (HT)	0.053	(0.148)	See Note (3)	0.201
Electric Propulsion (EP)	0.053	(0.148)	See Note (3)	0.201

## PECO Price to Compare Effective April 1, 2017 through April 30, 2017

(ACTUAL)

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) - (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	(0.707)	(1.266)	See Note (3)	0.559
Primary - Distribution Power (PD)	(1.071)	(1.272)	See Note (3)	0.201
High - Tension Power (HT)	(1.086)	(1.287)	See Note (3)	0.201
Electric Propulsion (EP)	(1.086)	(1.287)	See Note (3)	0.201

Updated as of 05/16/2017

## PECO Price to Compare Effective May 1, 2017 through May 31, 2017

(ACTUAL)

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) - (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.518	(0.041)	See Note (3)	0.559
Primary - Distribution Power (PD)	0.154	(0.047)	See Note (3)	0.201
High - Tension Power (HT)	0.139	(0.062)	See Note (3)	0.201
Electric Propulsion (EP)	0.139	(0.062)	See Note (3)	0.201

**Notes:**

- (1) The Adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
- (2) The hourly price adder includes: administrative charge, working capital charge, E factor (starting May 1, 2011), ancillary charge and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the cost of energy and capacity which are passed through at the real time price. The administrative charge includes the costs of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.
- (3) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. Effective June 1, 2013, AEPS is included in the Hourly Price Adder per the Pennsylvania Public Utility Commission (PUC) order (Docket No. P-2012-2283641).
- (4) Transmission Charge is based on the PUC Order, Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.

Source: [www.peco.com](http://www.peco.com)

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# Consolidated Large C&I Price to Compare

Updated as of 07/17/2017

## PECO Price to Compare Effective June 1, 2017 through August 31, 2017

**(ACTUAL)**

Hourly Price Adder for Procurement Class 3/4 (Demand > 100KW) - Consolidated Large Commercial & Industrial Customers <sup>(5)</sup>	Hourly Price Adder (cents/kWh) <sup>(2)</sup>	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup>	Transmission Charge (cents/kWh) <sup>(4)</sup>
Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.326	See Note (3)	0.537
Primary - Distribution Power (PD)	1.054	See Note (3)	0.279
High - Tension Power (HT)	1.022	See Note (3)	0.279
Electric Propulsion (EP)	1.022	See Note (3)	0.279

## PECO Price to Compare Effective September 1, 2017 through November 30, 2017

**(ACTUAL)**

Hourly Price Adder for Procurement Class 3/4 (Demand > 100KW) - Consolidated Large Commercial & Industrial Customers <sup>(5)</sup>	Hourly Price Adder (cents/kWh) <sup>(2)</sup>	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup>	Transmission Charge (cents/kWh) <sup>(4)</sup>
Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Alternative Energy Portfolio Standard (AEPs) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.707	See Note (3)	0.537
Primary - Distribution Power (PD)	0.444	See Note (3)	0.279
High - Tension Power (HT)	0.431	See Note (3)	0.279
Electric Propulsion (EP)	0.431	See Note (3)	0.279

**Notes:**

- (1) The Adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
- (2) The hourly price adder includes administrative charge, working capital charge, E factor, ancillary charge and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the costs of energy and capacity which are passed through at the real time price. The administrative charge includes the costs of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.
- (3) Alternative Energy Portfolio Standard (AEPs) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPs Act. AEPs is included in the Hourly Price Adder.
- (4) Transmission Charge is based on the PUC Order, Docket No. R-2012-231 8065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.
- (5) Effective June 1, 2017, Procurement Class 3 and 4 was consolidated into a single procurement class (Procurement Class 3/4) and the rates will change on a quarterly basis in compliance with Docket No. P-2016-2534980.

Source: [www.peco.com](http://www.peco.com)



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# Consolidated Large C&I Price to Compare

Updated as of 01/12/2018

## PECO Price to Compare Effective December 1, 2017 through February 28, 2018

**(ACTUAL)**

### Hourly Price Adder for Procurement Class 3/4 (Demand > 100KW) - Consolidated Large Commercial & Industrial Customers <sup>(5)</sup>

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	0.832	0.239	See Note (3)	0.593
Primary - Distribution Power (PD)	0.570	0.233	See Note (3)	0.337
High - Tension Power (HT)	0.556	0.219	See Note (3)	0.337
Electric Populision (EP)	0.556	0.219	See Note (3)	0.337

## PECO Price to Compare Effective March 1, 2018 through May 31, 2018

**(ACTUAL)**

### Hourly Price Adder for Procurement Class 3/4 (Demand > 100KW) - Consolidated Large Commercial & Industrial Customers <sup>(5)</sup>

Business Rate Classes	Adder to determine Price to Compare (cents/kWh) <sup>(1)</sup> (A) = (B) + (D)	Hourly Price Adder (cents/kWh) <sup>(2)</sup> (B)	Alternative Energy Portfolio Standard (AEPS) Charge (cents/kWh) <sup>(3)</sup> (C)	Transmission Charge (cents/kWh) <sup>(4)</sup> (D)
General Service (GS)	1.099	0.506	See Note (3)	0.593
Primary - Distribution Power (PD)	0.837	0.500	See Note (3)	0.337
High - Tension Power (HT)	0.823	0.486	See Note (3)	0.337
Electric Populision (EP)	0.823	0.486	See Note (3)	0.337

**Notes:**

- (1) The adder to determine Price to Compare includes an adjustment for Gross Receipts Tax of 5.90% effective 01/01/2012.
- (2) The hourly price adder includes administrative charge, working capital charge, E factor, ancillary charge and alternative energy portfolio standard costs purchased on behalf of PECO. The adder excludes the costs of energy and capacity which are passed through at the real time price. The administrative charge includes the costs of the auction or RFP monitor, consultants providing guidance on the development of the procurement strategy, legal fees incurred gaining approval of the strategy, and any other costs associated with the design and implementation of the procurement plan. The E factor reflects over/under recovery of costs.
- (3) Alternative Energy Portfolio Standard (AEPS) Charge is the electric service charge for recovery of the costs associated with compliance with the AEPS Act. AEPS is included in the Hourly Price Adder.
- (4) Transmission Charge is based on the PUC Orders: Docket No. R-2012-2318065, entered on September 27, 2012 and Docket No. P-2014-2409362, entered on December 4, 2014.
- (5) Effective June 1, 2017, Procurement Class 3 and 4 was consolidated into a single procurement class (Procurement Class 3/4) and the rates will change on a quarterly basis in compliance with Docket No. P-2016-2534980.

Source: [www.peco.com](http://www.peco.com)



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**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**PETITION OF PECO ENERGY COMPANY :  
FOR APPROVAL OF ITS DEFAULT :  
SERVICE PROGRAM FOR THE PERIOD : DOCKET NO. P-2016-2534980  
JUNE 1, 2017 THROUGH MAY 31, 2019 :  
:  
:  
:**

**CERTIFICATE OF SERVICE**

I hereby certify and affirm that I have this day served a copy of the PECO Energy Company's Report of DSP IV Stakeholder Collaborative on the following persons in the matter specified in accordance with the requirements of 52 Pa. Code § 1.54:

**VIA ELECTRONIC MAIL**

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Dated: March 27, 2018