

**PPL Electric Utilities Corporation  
Estimated Price-to-Compare Sample Calculation  
For Illustrative Purposes Only**

**Introduction:**

The purpose of this document is to provide suppliers with an understanding of how the Price-to-Compare (“PTC”) is calculated for all customer classes, pursuant to the Pennsylvania Public Utility Commission’s (“PA PUC”) Secretarial Letter issued on October 12, 2010. The data contained herein provides estimates of the PTC and reflects only a snap-shot in time.

The calculations of the PTC estimates are based on actual and estimated values. The Average Full Requirements and Average Block Prices are based on the results from the DSPP solicitations completed through October 2015. The E Factor Rate is based on the actual overcollection balance for April through September 2015. The Transmission Service Charge (“TSC”) has been updated for the December 1, 2015 through May 31, 2016 period.

**Disclaimer:**

It should be noted that any and all data within this document are estimates, and actual charges will vary depending on customer demand, seasonal variations, or other factors. Forecast data is subject to change due to migration, customers leaving PPL Electric Utilities’ service territory, or other events. In addition, all possible combinations of rates and surcharges have not been included in this document. Prices used in the PTC calculation are best-known values and will be updated pursuant to PPL Electric Utilities’ tariff on file with the PA PUC. PPL Electric Utilities is not liable for any losses which may result from using the information contained in this document.

**PPL Electric Utilities Corporation**  
**Estimated Price-to-Compare Calculation**  
**For Illustrative Purposes Only**  
**Residential Class**  
**12/1/2015 - 5/31/2016**

1 Average Block Price	\$ 0.04938 <sup>(1)</sup>
2 Times portion of Residential Load	7.50%
3 Total Weighted Block Price	<u>\$ 0.00370</u>
4 Average Full Requirements Price	\$ 0.06387 <sup>(2)</sup>
5 Times portion of Residential Load	92.50% <sup>(3)</sup>
6 Total Weighted Full Requirements Price	<u>\$ 0.05908</u>
7 Subtotal (Line 3 + Line 6)	\$ 0.06278
8 Multiplied by (1/(1-GRT)) <i>GRT = 5.9%</i>	1.062699
9 Block and Full Requirements Price adjusted for GRT	<u>\$ 0.06672</u>
10 E Factor Rate	\$ (0.00261) <sup>(4)</sup>
11 Administrative Charges Rate	0.00105
12 Merchant Function Charge (MFC) Rate	0.00112
13 Subtotal (Line 10 + Line 11 + Line 12)	<u>\$ (0.00044)</u>
14 Multiplied by (1/(1-GRT))	1.062699
15 (E Factor + Admin Charges + MFC) x GRT	<u>\$ (0.00047)</u>
16 Generation Supply Charge (Line 9 + Line 15)	\$ 0.06625
17 Transmission Service Charge (TSC)	\$ 0.01252 <sup>(5)</sup>
18 State Tax Adjustment Surcharge (STAS) @ 0.008% [(Line 16 + Line 17) x 0.00008]	<u>\$ 0.00001</u> <sup>(6)</sup>
19 PTC Estimate - Residential Class (Line 16 + Line 17 + Line 18)	<u><u>\$ 0.07878</u></u>

Note: Data may not total due to rounding.

- <sup>(1)</sup> The average Block price is adjusted for the Loss Factor and PJM deration factor and includes the estimated Capacity costs and AEPS compliance costs.
- <sup>(2)</sup> The average Full Requirements price is adjusted for the Loss Factor and PJM deration factor.
- <sup>(3)</sup> After the Block load has been subtracted from total load, Full Requirements represents 100% of the load.
- <sup>(4)</sup> Represents an overcollection of April through September actual revenue, which will be refunded during the effective period of this price to compare.
- <sup>(5)</sup> The TSC is the rate as set forth in PPL Electric's tariff and reflects the statutory PA Gross Receipts Tax (GRT) of 5.9%.
- <sup>(6)</sup> The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.

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**Residential Class**

**Line Item Explanations for the Residential Class:**

**Line 1** – An estimate of the average Block price for the applicable PTC period based on the solicitations completed, plus the capacity cost based on PJM Reliability Pricing Model (“RPM”) delivery year clearing prices and estimated ancillary and AEPS compliance costs.

**Line 2** – Percentage represents the portion of total forecasted Residential load that is estimated to be supplied by the Block product for the applicable PTC period.

**Line 3** – The weighted price of the Block product.

**Line 4** – An estimate of the average Full Requirements price for the applicable PTC period based on the solicitations completed. Price includes all necessary energy, capacity, transmission other than Network Integration Transmission Service Charge (“NITS”), ancillary services, Pennsylvania Alternative Energy Portfolio Standard (“AEPS”) requirement, transmission and distribution losses and congestion management costs, and such other services or products that are required to supply the specified percentage of a supplier’s default load for a customer group set forth in a transaction confirmation pursuant to the Default Service Supply Master Agreement.

**Line 5** - Percentage represents the portion of total forecasted Residential load that is estimated to be supplied by the Full Requirements product after deducting the Block product load, or 100% of the remaining Residential load.

**Line 6** – The weighted price of the Full Requirements product.

**Line 7** – The sum of the weighted prices for the Block, Full Requirements and Spot products.

**Line 8** – Represents the gross-up effect of the statutory PA Gross Receipts Tax (“GRT”) of 5.9%:  
 $(1/1-5.9\%) = 1.062699$

**Line 9** – An estimate of the Block and Full Requirements weighted price adjusted for the GRT.

**Line 10** – The E factor rate represents the estimated over/under collection from the prior rate period that will be recovered during the current rate period.

**Line 11** – The administrative charges rate for the Residential class.

**Line 12** – Represents the Merchant Function Charge (“MFC”) rate which is the provision for uncollectible accounts expense.

**Line 13** – Sum of the estimate of the E factor, administrative charges and MFC.

**Line 14** – Represents the gross-up effect of the statutory PA GRT of 5.9%:  
 $(1/1-5.9\%) = 1.062699$

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**Residential Class**

**Line 15** – Sum of the estimate of the E factor, administrative charges and MFC adjusted for the GRT.

**Line 16** – Represents the GSC by adding the Block and Full Requirements weighted price, including the E factor rate, administrative charges and the MFC. All components reflect the statutory PA GRT of 5.9%.

**Line 17** – The Transmission Service Charge (“TSC”) as filed with the PA PUC on May 1, 2015. This is the rate set forth in PPL Electric’s tariff for December 1, 2015 through May 31, 2016 and reflects the statutory PA GRT of 5.9%.

**Line 18** – The State Tax Adjustment Surcharge (“STAS”) at 0.0008% multiplied by the subtotal of the GSC and TSC. All components reflect the statutory PA GRT of 5.9%.

**Line 19** – The total PTC estimate for the Residential Class in \$/kWh.

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**Small Commercial & Industrial ("SC&I")**  
**12/1/2015 - 5/31/2016**

1 Average Full Requirements Price	\$	0.06496 <sup>(1)</sup>
2 Times portion of Fixed Load		100%
3 Total Weighted Full Requirements Price	\$	<u>0.06496</u>
4 Multiplied by (1/(1-GRT)) <i>GRT = 5.9%</i>		1.062699
5 Full Requirements Price adjusted for GRT	\$	<u>0.06903</u>
6 E Factor Rate	\$	(0.00184) <sup>(2)</sup>
7 Administrative Charges Rate		0.00270
8 Merchant Function Charge (MFC) Rate		0.00007
9 Subtotal (Line 6 + Line 7 + Line 8)	\$	<u>0.00093</u>
10 Multiplied by (1/(1-GRT))		1.062699
11 (E Factor + Admin Charges + MFC) x GRT	\$	<u>0.00099</u>
12 Generation Supply Charge (Line 5 + Line 11)	\$	0.07002
13 Transmission Service Charge (TSC)	\$	0.00728 <sup>(3) (4)</sup>
14 State Tax Adjustment Surcharge (STAS) @ 0.008% [(Line 12 + Line 13) x 0.00008]	\$	<u>0.00001</u> <sup>(5)</sup>
15 PTC Estimate - SC&I Class (Line 12 + Line 13 + Line 14)	\$	<u><u>0.07731</u></u>

Note: Data may not total due to rounding.

- <sup>(1)</sup> The average Full Requirements price is adjusted for the Loss Factor and PJM deration factor.
- <sup>(2)</sup> Represents an overcollection of April through September actual revenue, which will be refunded during the effective period of this price to compare.
- <sup>(3)</sup> The TSC is the rate as set forth in PPL Electric's tariff and reflects the statutory PA Gross Receipts Tax (GRT) of 5.9%.
- <sup>(4)</sup> The TSC price shown is related to the following rate classes: BL, GS-1, GH-2, SA, SE, SHS, SM, TS, SI-1, GS-3<100 kW. For the LP4<100kW rate class, TSC is based on kW demand. Insert on line 13 the billed TSC charge divided by the billed kWh.
- <sup>(5)</sup> The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.