

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 April 2019. The E Factor Rate is based on the actual over/under-collection balances for October 2018 through March 2019. The Transmission Service Charge (“TSC”) has been updated for the June 1, 2019 through May 31, 2020 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
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Residential Class
Period: 06/01/2019 through 11/30/2019

1	Average Block Price	\$ 0.06347 ⁽¹⁾
2	Times portion of Residential Load	<u>5.30%</u>
3	Total Weighted Block Price	<u>\$ 0.00336</u>
4	Average Full Requirements Price	\$ 0.05041 ⁽²⁾
5	Times portion of Residential Load	<u>94.70%</u> ⁽³⁾
6	Total Weighted Full Requirements Price	<u>\$ 0.04774</u>
7	Subtotal (Line 3 + Line 6)	\$ 0.05110
8	Multiplied by (1/(1-GRT)) <i>GRT = 5.9%</i>	<u>1.062699</u>
9	Block and Full Requirements Price adjusted for GRT	<u>\$ 0.05430</u>
10	E Factor Rate	\$ 0.00153 ⁽⁴⁾
11	Administrative Charges Rate	\$ 0.00060
12	Merchant Function Charge (MFC) Rate	<u>\$ 0.00126</u>
13	Subtotal (Line 10 + Line 11 + Line 12)	\$ 0.00339
14	Multiplied by (1/(1-GRT))	<u>1.062699</u>
15	(E Factor + Admin Charges + MFC) x GRT	<u>\$ 0.00360</u>
16	Generation Supply Charge (Line 9 + Line 15)	\$ 0.05791
17	Transmission Service Charge (TSC)	\$ 0.01794 ⁽⁵⁾
18	State Tax Adjustment Surcharge (STAS) @ 0.002% [(Line 16 + Line 17) x 0.00002]	<u>\$ -</u> ⁽⁶⁾
19	PTC Estimate - Residential Class (Line 16 + Line 17 + Line 18)	<u><u>\$ 0.07585</u></u>

Note: Data may not total due to rounding.

⁽¹⁾ The average Block price is adjusted for the Loss Factor and PJM deration factor.

⁽²⁾ The average Full Requirements price is adjusted for the Loss Factor and PJM deration factor and includes AEPS compliance costs.

⁽³⁾ After the Block load has been subtracted from total load, Full Requirements represents 100% of the load.

⁽⁴⁾ Represents an under-collection of October 2018 through March 2019 actual revenue, which will be collected during the effective period of this price to compare.

⁽⁵⁾ 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%.

⁽⁶⁾ 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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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.

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 April 30, 2019. This is the rate set forth in PPL Electric’s tariff for June 1, 2019 through May 31, 2020 and reflects the statutory PA GRT of 5.9%.

Line 18 – The State Tax Adjustment Surcharge (“STAS”) at 0.0002% 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 Class
Period: 06/01/2019 through 11/30/2019

1	Average Full Requirements Price	\$ 0.04679 ⁽¹⁾
2	Times portion of Residential Load	<u>100.00%</u>
3	Total Weighted Full Requirements Price	<u>\$ 0.04679</u>
4	Multiplied by (1/(1-GRT)) <i>GRT = 5.9%</i>	<u>1.062699</u>
5	Block and Full Requirements Price adjusted for GRT	<u>\$ 0.04972</u>
6	E Factor Rate	\$ (0.00262) ⁽²⁾
7	Administrative Charges Rate	\$ 0.00235
8	Merchant Function Charge (MFC) Rate	<u>\$ 0.00011</u>
9	Subtotal (Line 6 + Line 7 + Line 8)	\$ (0.00016)
10	Multiplied by (1/(1-GRT))	<u>1.062699</u>
11	(E Factor + Admin Charges + MFC) x GRT	<u>\$ (0.00017)</u>
12	Generation Supply Charge (Line 5 + Line 11)	\$ 0.04954
13	Transmission Service Charge (TSC)	\$ 0.01253 ^{(3), (5)}
14	State Tax Adjustment Surcharge (STAS) @ 0.002% [(Line 12 + Line 13) x 0.00002]	<u>\$ -</u> ⁽⁴⁾
15	PTC Estimate - Residential Class (Line 12 + Line 13 + Line 14)	<u><u>\$ 0.06207</u></u>

Note: Data may not total due to rounding.

- ⁽¹⁾ The average Full Requirements price is adjusted for the Loss Factor and PJM deration factor.
- ⁽²⁾ Represents an over-collection of October 2018 through March 2019 actual revenue, which will be refunded during the effective period of this price to compare.
- ⁽³⁾ 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%.
- ⁽⁴⁾ The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.
- ⁽⁵⁾ TSC rate for LP4 customers with a demand less than 100kW differs from value reflected. LP4 transmission customers receive a demand charge of \$11.189/kW.