

**PPL Electric Utilities Corporation  
Estimated Price-to-Compare Sample Calculation  
For Illustrative Purposes Only  
Large Commercial and Industrial Class**

**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, as directed by the Pennsylvania Public Utility Commission (“PA PUC”) on October 12, 2010.

The calculations for Large Commercial and Industrial Secondary, Primary and Transmission voltage rates are fixed for a one-year period starting June 1, 2020 and ending May 31, 2021.

The Transmission Service Charge (“TSC”) is the rate as filed on April 30, 2020.

**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 - Hourly Default Service**  
**For Illustrative Purposes Only**  
**Large Commercial & Industrial ("LC&I") - Secondary - Rate MG3**  
**Period: 06/01/2020 through 05/31/2021**

|       |  |   |               |
|-------|--|---|---------------|
| 1     | kWh <sub>t</sub>   | kWh for each hour in the billing period   |               |
| 2     | Loss Factor <sup>(1)</sup>   | 1.05365   |               |
| 3     | LMP <sub>t</sub> -- Real-time PJM Locational Marginal Price for the PPL Zone for each hour                               | x.xxx   | \$/kWh        |
| 4     | HP adder -- Supplier's portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6)                            | 0.00310   | \$/kWh        |
| 5     | E Factor reconciliation component (tariff page 19Z.7, first paragraph) <sup>(5)</sup>                                    | 0.00624   | \$/kWh        |
| 6     | Administrative Charges -- PPL Electric Utilities' portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6) | 0.00006   | \$/kWh        |
| 7     | EGS Supply Risk Factor ( Line 4 + Line 5 + Line 6 )  | 0.00940   | \$/kWh        |
| <hr/> |  |   |               |
| 8     | Σ <sub>t</sub> HP Energy Charge [ Line 1 x Line 2 x ( Line 3 + Line 7 )]   | \$x,xxx.xx  |               |
| 9     | Multiplied by (1/(1-GRT)) GRT = 5.9%   | 1.0627  |               |
| <hr/> |  |   |               |
| 10    | Hourly Pricing Energy Charge ( Line 8 x Line 9 )   | \$x,xxx.xx  |               |
| 11    | Capacity Charge for ICAP Peak Load Contribution (PLC) <sup>(2)</sup>   | $\frac{\$0.114/\text{kW-day} \times \text{kW (PLC)} \times \text{days billed}}{\text{kWh}}$ |               |
| 12    | Transmission Service Charge (TSC) -- kWh <sup>(3)</sup>  | 0.02070   | \$/kWh        |
| 13    | Transmission Service Charge (TSC) -- Demand <sup>(4)</sup>   | 0.000   |               |
| <hr/> |  |   |               |
| 14    | Generation Charge Subtotal<br>( Line 10 + Line 11 + Line 12 + Line 13 )  | \$x,xxx.xx  |               |
| 15    | State Tax Adjustment Surcharge (STAS) rate <sup>(6)</sup>  | 0.00001   |               |
| <hr/> |  |   |               |
| 16    | Generation Charge Total<br>( Line 14 x (1 + Line 15 ) )  | \$x,xxx.xx  |               |
| <hr/> |  |   |               |
| 17    | <b>Hourly Pricing Price-to-Compare (Line 16/ total kWh)</b>  | <b>x.xxx</b>  | <b>\$/kWh</b> |

<sup>(1)</sup> The Loss Factor is adjusted for the PJM transmission deration factor.

<sup>(2)</sup> The Capacity Charge is calculated using the PJM Capacity Clearing Price adjusted for Average Daily Scaling Factor and the PJM Final Zonal Scaling Factor that PJM applies to the PLC value. The price included PA Gross Receipts Tax (GRT)

<sup>(3)</sup> The TSC kWh charge is calculated by multiplying the customer's kWh usage times the stated rate. The rate includes the statutory PA Gross Receipts Tax (GRT) of 5.9%.

<sup>(4)</sup> The TSC demand charge is calculated by multiplying the customer's billing kW times the stated rate. The rate includes the statutory GRT of 5.9%.

<sup>(5)</sup> Represents the under-collection from April 1, 2019 through March 31, 2020, that will be collected from June 1, 2020 through May 31, 2021.

<sup>(6)</sup> The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.

**PPL Electric Utilities Corporation**  
**Estimated Price to Compare Calculation - Hourly Default Service**  
**For Illustrative Purposes Only**  
**Large Commercial & Industrial ("LC&I") - Primary - Rate MP1**  
**Period: 06/01/2020 through 05/31/2021**

|    |  |   |               |
|----|--|---|---------------|
| 1  | kWh <sub>t</sub>   | kWh for each hour in the billing period   |               |
| 2  | Loss Factor <sup>(1)</sup>   | 1.02682   |               |
| 3  | LMP <sub>t</sub> -- Real-time PJM Locational Marginal Price for the PPL Zone for each hour                               | x.xxx   | \$/kWh        |
| 4  | HP adder -- Supplier's portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6)                            | 0.00310   | \$/kWh        |
| 5  | E Factor reconciliation component (tariff page 19Z.7, first paragraph) <sup>(5)</sup>                                    | 0.00624   | \$/kWh        |
| 6  | Administrative Charges -- PPL Electric Utilities' portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6) | 0.00006   | \$/kWh        |
| 7  | EGS Supply Risk Factor ( Line 4 + Line 5 + Line 6 )  | 0.00940   | \$/kWh        |
| 8  | $\Sigma_t$ HP Energy Charge [ Line 1 x Line 2 x ( Line 3 + Line 7 )]   | \$x,xxx.xx  |               |
| 9  | Multiplied by (1/(1-GRT)) GRT = 5.9%   | 1.0627  |               |
| 10 | Hourly Pricing Energy Charge ( Line 8 x Line 9 )   | \$x,xxx.xx  |               |
| 11 | Capacity Charge for ICAP Peak Load Contribution (PLC) <sup>(2)</sup>   | $\frac{\$0.114/\text{kW-day} \times \text{kW (PLC)} \times \text{days billed}}{\text{kWh}}$ |               |
| 12 | Transmission Service Charge (TSC) -- kWh <sup>(3)</sup>  | 0.00000   |               |
| 13 | Transmission Service Charge (TSC) -- Demand <sup>(4)</sup>   | $\frac{\$15.868 \times \text{kW (metered demand)}}{\text{kWh}}$                             |               |
| 14 | Generation Charge Subtotal<br>( Line 10 + Line 11 + Line 12 + Line 13 )  | \$x,xxx.xx  |               |
| 15 | State Tax Adjustment Surcharge (STAS) rate <sup>(6)</sup>  | 0.00001   |               |
| 16 | Generation Charge Total<br>( Line 14 x (1 + Line 15) )   | \$x,xxx.xx  |               |
| 17 | <b>Hourly Pricing Price-to-Compare (Line 16 / total kWh)</b>   | <b>x.xxx</b>  | <b>\$/kWh</b> |

<sup>(1)</sup> The Loss Factor is adjusted for the PJM transmission deration factor.

<sup>(2)</sup> The Capacity Charge is calculated using the PJM Capacity Clearing Price adjusted for Average Daily Scaling Factor and the PJM Final Zonal Scaling Factor that PJM applies to the PLC value. The price included PA Gross Receipts Tax (GRT).

<sup>(3)</sup> The TSC kWh charge is calculated by multiplying the customer's kWh usage times the stated rate. The rate includes the statutory PA Gross Receipts Tax (GRT) of 5.9%.

<sup>(4)</sup> The TSC demand charge is calculated by multiplying the customer's billing kW times the stated rate. The rate includes the statutory GRT of 5.9%.

<sup>(5)</sup> Represents the under-collection from April 1, 2019 through March 31, 2020, that will be collected from June 1, 2020 through May 31, 2021.

<sup>(6)</sup> The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.

**PPL Electric Utilities Corporation**  
**Estimated Price to Compare Calculation - Hourly Default Service**  
**For Illustrative Purposes Only**  
**Large Commercial & Industrial ("LC&I") - Transmission - Rate MT1**  
**Period: 06/01/2020 through 05/31/2021**

|       |  |   |               |
|-------|--|---|---------------|
| 1     | kWh <sub>t</sub>   | kWh for each hour in the billing period   |               |
| 2     | Loss Factor <sup>(1)</sup>   | 1.00000   |               |
| 3     | LMP <sub>t</sub> -- Real-time PJM Locational Marginal Price for the PPL Zone for each hour                               | x.xxx   | \$/kWh        |
| 4     | HP adder -- Supplier's portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6)                            | 0.00310   | \$/kWh        |
| 5     | E Factor reconciliation component (tariff page 19Z.7, first paragraph) <sup>(5)</sup>                                    | 0.00624   | \$/kWh        |
| 6     | Administrative Charges -- PPL Electric Utilities' portion of the GSC-2 Administrative Charge per KWH (tariff page 19Z.6) | 0.00006   | \$/kWh        |
| 7     | EGS Supply Risk Factor ( Line 4 + Line 5 + Line 6 )  | 0.00940   | \$/kWh        |
| <hr/> |  |   |               |
| 8     | $\Sigma_t$ HP Energy Charge [ Line 1 x Line 2 x ( Line 3 + Line 7 )]   | \$x,xxx.xx  |               |
| 9     | Multiplied by (1/(1-GRT)) <i>GRT = 5.9%</i>  | 1.0627  |               |
| <hr/> |  |   |               |
| 10    | Hourly Pricing Energy Charge ( Line 8 x Line 9 )   | \$x,xxx.xx  |               |
| 11    | Capacity Charge for ICAP Peak Load Contribution (PLC) <sup>(2)</sup>   | $\frac{\$0.114/\text{kW-day} \times \text{kW (PLC)} \times \text{days billed}}{\text{kWh}}$ |               |
| 12    | Transmission Service Charge (TSC) -- kWh <sup>(3)</sup>  | 0.00000   |               |
| 13    | Transmission Service Charge - Peak Load Contribution <sup>(4)</sup>  | $\frac{\$13.061 \times \text{kW (PLC)}}{\text{kWh}}$  |               |
| <hr/> |  |   |               |
| 14    | Generation Charge Subtotal<br>( Line 10 + Line 11 + Line 12 + Line 13 )  | \$x,xxx.xx  |               |
| 15    | State Tax Adjustment Surcharge (STAS) rate <sup>(6)</sup>  | 0.00001   |               |
| <hr/> |  |   |               |
| 16    | Generation Charge Total<br>( Line 14 x (1 + Line 15 ) )  | \$x,xxx.xx  |               |
| <hr/> |  |   |               |
| 17    | <b>Hourly Pricing Price-to-Compare (Line 16 / total kWh)</b>   | <b>x.xxx</b>  | <b>\$/kWh</b> |

<sup>(1)</sup> The Loss Factor is adjusted for the PJM transmission deration factor.

<sup>(2)</sup> The Capacity Charge is calculated using the PJM Capacity Clearing Price adjusted for Average Daily Scaling Factor and the PJM Final Zonal Scaling Factor that PJM applies to the PLC value. The price included PA Gross Receipts Tax (GRT).

<sup>(3)</sup> The TSC kWh charge is calculated by multiplying the customer's kWh usage times the stated rate. The rate includes the statutory PA Gross Receipts Tax (GRT) of 5.9%.

<sup>(4)</sup> The TSC demand charge is calculated by multiplying the customer's PLC kW times the stated rate. The rate includes the

<sup>(5)</sup> Represents the under-collection from April 1, 2019 through March 31, 2020, that will be collected from June 1, 2020 through May 31, 2021.

<sup>(6)</sup> The State Tax Adjustment Surcharge reflects any incremental GRT pursuant to 72 P.S. § 8111-A(d) less any applicable refunds.