

FirstEnergy Pennsylvania Electric Company - Penelec Rate District
Estimated Price-to-Compare Sample Calculations
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 auction results are based on the results of the completed default service supply solicitations. The E Factor Rate is based on the actual over/under-collection balances for the prior rate 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 the Company's service territory, or other events. In addition, all possible combinations of rates and surcharges have not been included in this document. The Company is not liable for any losses which may result from using the information contained in this document.

FirstEnergy Pennsylvania Electric Company - Penelec Rate District
Estimated Price to Compare Default Service ("PTC") Rider Rates - Residential Class
For the Default Service Period June 1, 2024 through November 30, 2024
For Illustrative Purposes ONLY

Line No.	Description	Tranches Procured	Winning Price (per MWh)	Weighted Auction Price (per MWh)	PTC Component (per kWh)
Auction Results					
1	January 2023 Auction (June 23 through May 25)	2	\$ 82.53	\$ 8.25	
2	April 2023 Auction (June 23 through May 25)	2	96.40	9.64	
3	November 2023 Auction (June 24 through May 25)	4	84.38	16.88	
4	November 2023 Auction (June 24 through May 26)	4	85.84	17.17	
5	April 2024 Auction (June 24 through May 25)	6	83.89	25.17	
6	April 2024 Auction (June 24 through May 26)	2	90.51	9.05	
7	PTC _{Current Cost Component}	20		\$ 86.16	\$ 0.08616
8	x PTC Loss _{Current}				1.0573
9	Loss Adjusted PTC _{Current Cost Component}				\$ 0.09109
10	+ PTC _{Adm}				0.00006
11	PTC _{Current}				\$ 0.09115
12	x Gross up for Gross Receipts Tax (GRT = 5.90%)				1.062699
13	PTC _{Current} including GRT				\$ 0.09687
14	+ E - PTC (Over)/Under Collection				0.00057
15	PTC_{Default Rate}				\$ 0.09744

Line Item Explanation for the Residential Procurement Class PTC Calculation

Lines 1-4 - The results of each default service auction conducted for the applicable PTC rate period

Line 5 - The total number of tranches procured and weighted average price per MWh and per kWh

Line 6 - Average line loss factor for the procurement class

Line 7 - Loss adjusted auction costs per kWh

Line 8 - Administrative costs associated with providing default service to the procurement class per kWh

Line 9 - The current cost of providing default service to the procurement class per kWh

Line 10 - Gross Receipts Tax (GRT) Gross-up factor

Line 11 - The current cost of providing default service to the procurement class per kWh, including GRT

Line 12 - Prior period (Over)/Under Collection being collected in the current rate period per kWh, including GRT

Line 13 - Total PTC Rider Rate per kWh

FirstEnergy Pennsylvania Electric Company - Penelec Rate District
Estimated Price to Compare Default Service ("PTC") Rider Rates - Commercial Class
For the Default Service Period June 1, 2024 through November 30, 2024
For Illustrative Purposes ONLY

Line No.	Description	Tranches Procured	Winning Price (per MWh)	Weighted Auction Price (per MWh)	PTC Component (per kWh)
Auction Results					
1	January 2023 Auction (June 23 through May 25)	1	\$ 86.04	\$ 8.60	
2	April 2023 Auction (June 23 through May 25)	1	103.66	10.37	
3	November 2023 Auction (June 24 through May 25)	2	87.49	17.50	
4	November 2023 Auction (June 24 through May 26)	2	90.11	18.02	
5	April 2024 Auction (June 24 through May 25)	3	85.29	25.59	
6	April 2024 Auction (June 24 through May 26)	1	91.10	9.11	
7	PTC _{Current Cost Component}	10		\$ 89.19	\$ 0.08919
8	x PTC Loss _{Current}				1.0573
9	Loss Adjusted PTC _{Current Cost Component}				\$ 0.09430
10	+ PTC _{Adm}				0.00006
11	PTC _{Current}				\$ 0.09436
12	x Gross up for Gross Receipts Tax (GRT = 5.90%)				1.062699
13	PTC _{Current} including GRT				\$ 0.10028
14	+ E - PTC (Over)/Under Collection				0.00210
15	PTC_{Default} Rate				\$ 0.10238

Line Item Explanation for the Commercial Procurement Class PTC Calculation

Lines 1-4 - The results of each default service auction conducted for the applicable PTC rate period

Line 5 - The total number of tranches procured and weighted average price per MWh and per kWh

Line 6 - Average line loss factor for the procurement class

Line 7 - Loss adjusted auction costs per kWh

Line 8 - Administrative costs associated with providing default service to the procurement class per kWh

Line 9 - The current cost of providing default service to the procurement class per kWh

Line 10 - Gross Receipts Tax (GRT) Gross-up factor

Line 11 - The current cost of providing default service to the procurement class per kWh, including GRT

Line 12 - Prior period (Over)/Under Collection being collected in the current rate period per kWh, including GRT

Line 13 - Total PTC Rider Rate per kWh

FirstEnergy Pennsylvania Electric Company - Penelec Rate District
Estimated Hourly Pricing Default Service ("HP") Rider Rates - Industrial Class
For the Default Service Period June 1, 2024 through November 30, 2024
For Illustrative Purposes ONLY

Line No.	Description	Price per MWh	Price per kWh
1	$\text{HP Energy Charge} = \sum_{t=1}^n (\text{kWh}_t \times (\text{LMP}_t + \text{HP}_{\text{Oth}}) \times \text{HP Loss Multiplier})$		\$0.xxxxx
	<p>Where:</p> <p>n = total number of hours in the billing period</p> <p>t = an hour in the billing period</p> <p>LMP = the "Real Time" PJM load-weighted average LMP for the PN Transmission Zone</p> <p>HP_{Oth} = \$0.00400 per kWh for ancillary services</p> <p>HP Loss Multiplier</p> <p style="padding-left: 40px;">GS Small, Medium, Large = 1.0573</p> <p style="padding-left: 40px;">GP = 1.0234</p> <p style="padding-left: 40px;">LP = 1.0035</p>		
2	$\text{HP Cap-AEPS-Other Purchases} \times \text{HP Loss Multiplier}$ <p style="padding-left: 40px;">April 2024 Auction (June 24 through May 25)</p>	\$ 29.03	\$ 0.02903
	<p>HP Loss Multiplier</p> <p style="padding-left: 40px;">GS Small, Medium, Large = 1.0573</p> <p style="padding-left: 40px;">GP = 1.0234</p> <p style="padding-left: 40px;">LP = 1.0035</p>		
3	HP Administrative Charge		\$ 0.00006
4	HP Uncollectibles Charge		\$ 0.00100
5	HP Reconciliation Charge		\$ (0.02500)
6	Hourly Pricing Service Charge (Lines 1 + 2 + 3 + 4 + 5)		\$0.xxxxx

Line Item Explanation for the Industrial Procurement Class HP Calculation

Line 3 - Administrative costs incurred by the Company associated with providing Hourly Pricing Default Service.

Line 4 - Default service-related uncollectible accounts expense associated with Hourly Pricing Default Service.

Line 5 - (Over)/Under Collection from the prior rate period that will be collected in the current rate period.