

EE Education

MIC

May 16, 2024

IMM



Monitoring Analytics

EE Revenues and EE Load Charges

- **EE revenues**
 - **EE revenues are the revenues received by EE providers by the zone in which the EE measures are located.**
 - **EE revenues are costs to customers: EE costs.**
- **EE load charges**
 - **EE total load charges equal the EE total revenues (EE costs) paid by customers in all zones.**
 - **The allocation of EE revenues (EE costs) to customers by zone follows the allocation of capacity costs.**
 - **EE revenues (EE costs) are allocated to all customers in all zones, regardless of the location of the EE measures.**

EE RPM Revenues by Zone

Zone	Revenue		Percent of EE Revenue	
	2023/2024	2024/2025	2023/2024	2024/2025
AECO	\$2,099,556	\$2,972,733	2.2%	2.5%
AEP	\$8,220,965	\$8,311,932	8.8%	6.9%
APS	\$3,495,717	\$4,013,640	3.7%	3.3%
ATSI	\$5,621,390	\$6,164,976	6.0%	5.1%
BGE	\$6,954,765	\$10,559,058	7.4%	8.8%
COMED	\$11,102,489	\$10,328,888	11.9%	8.6%
DAY	\$1,280,027	\$1,347,504	1.4%	1.1%
DEOK	\$2,036,790	\$6,482,315	2.2%	5.4%
DOM	\$8,823,920	\$9,388,297	9.4%	7.8%
DPL	\$3,352,769	\$5,305,356	3.6%	4.4%
DUQ	\$1,543,017	\$1,385,670	1.6%	1.2%
JCPL	\$4,289,937	\$6,579,743	4.6%	5.5%
METED	\$2,127,988	\$2,832,578	2.3%	2.4%
PECO	\$9,970,022	\$11,488,878	10.7%	9.6%
PENELEC	\$1,847,587	\$2,554,351	2.0%	2.1%
PEPCO	\$5,287,930	\$7,075,048	5.6%	5.9%
PPL	\$5,447,923	\$6,937,766	5.8%	5.8%
PSEG	\$10,073,096	\$16,076,315	10.8%	13.4%
RECO	\$27,170	\$64,182	0.0%	0.1%
Total	\$93,603,058	\$119,869,230	100.0%	100.0%



EE Addback Does not Increase Clearing Prices

- **The result of the current EE addback method is that there is no impact on the capacity market clearing price.**
- **Customers do pay for the cleared quantity of EE at market clearing prices as an uplift payment that provides a subsidy to EE sellers: EE load charges.**
- **EE load charges are not billed as a distinct line item but are included in the Locational Reliability Charges assessed to load.**

Load Charges in RPM

- In accordance with the RAA, each LSE incurs a **Locational Reliability Charge** (subject to certain offsets and other adjustments as described in Attachment DD, Sections 5.14B through 5.14E and Section 5.15)
- **Locational Reliability Charges** are equal to the LSE's **Daily Unforced Capacity Obligation** in a Zone during the **Delivery Year** multiplied by the applicable **Final Zonal Capacity Price** in the Zone.

Allocation of EE Revenues in RPM

- **There are no Tariff references specific to the allocation of EE revenues (EE costs) in RPM.**
- **While EE does not affect the clearing price, by shifting the demand curve through the addback, and ultimately the capacity obligation of the zones, the EE costs are incurred by the load through the Locational Reliability Charge: EE load charges.**
- **Total EE costs are allocated to load prorata based on final zonal UCAP obligations: EE load charges.**

EE cost allocation – 2023/2024 Delivery Year

Zone	Final Zonal UCAP Obligation (MW)	Prorata allocation factor
AE	2,761.9	1.92%
AEP	13,401.7	9.30%
APS	10,262.1	7.12%
ATSI	13,943.0	9.67%
BGE	7,496.6	5.20%
COMED	22,694.3	15.74%
DAYTON	3,733.9	2.59%
DEOK	5,076.1	3.52%
DLCO	3,169.7	2.20%
DOM	3,869.1	2.68%
DPL	4,375.0	3.04%
EKPC	2,674.6	1.86%
JCPL	6,847.0	4.75%
METED	3,510.1	2.44%
OVEC	72.2	0.05%
PECO	9,667.9	6.71%
PENLC	3,302.0	2.29%
PEPCO	7,091.2	4.92%
PL	8,498.6	5.90%
PS	11,229.2	7.79%
RECO	466.7	0.32%
Total	144,142.8	100.00%

Load charges for EE

2023/2024				
Zone	LDA	EE Load Charge	EE Revenue	EE Load Charge minus Revenue
AE	EMAAC	\$1,793,515	\$2,099,556	-\$306,041
AEP	RTO	\$8,702,767	\$8,220,965	\$481,802
APS	RTO	\$6,663,971	\$3,495,717	\$3,168,254
ATSI	ATSI	\$9,054,283	\$5,621,390	\$3,432,894
BGE	BGE	\$4,868,113	\$6,954,765	-\$2,086,652
COMED	COMED	\$14,737,133	\$11,102,489	\$3,634,644
DAYTON	DAY	\$2,424,683	\$1,280,027	\$1,144,656
DEOK	DEOK	\$3,296,287	\$2,036,790	\$1,259,497
DLCO	RTO	\$2,058,324	\$1,543,017	\$515,307
DOM	RTO	\$2,512,484	\$8,823,920	-\$6,311,436
DPL	EMAAC	\$2,841,034	\$3,352,769	-\$511,735
EKPC	RTO	\$1,736,804	\$0	\$1,736,804
JCPL	EMAAC	\$4,446,293	\$4,289,937	\$156,356
METED	MAAC	\$2,279,389	\$2,127,988	\$151,401
OVEC	RTO	\$46,869	\$0	\$46,869
PECO	EMAAC	\$6,278,084	\$9,970,022	-\$3,691,938
PENLC	MAAC	\$2,144,251	\$1,847,587	\$296,663
PEPCO	PEPCO	\$4,604,866	\$5,287,930	-\$683,064
PL	PPL	\$5,518,809	\$5,447,923	\$70,886
PS	PSEG	\$7,292,014	\$10,073,096	-\$2,781,082
RECO	EMAAC	\$303,085	\$27,170	\$275,915
Total		\$93,603,058	\$93,603,058	\$0

Where zonal EE load charges are greater than zonal EE revenues (EE costs), those excess load charges subsidize EE costs in other zones.

If the load charge less the revenue is negative, the zone receives a subsidy. If the load charge less the revenue is positive, the zone pays a subsidy.

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