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July 26, 2022

Andrew S. Johnston  
Executive Secretary  
Public Service Commission of Maryland  
William Donald Schaefer Tower  
6 St. Paul Street, 16<sup>th</sup> Floor  
Baltimore, MD 21202-6808

**Re: Retail Transmission Rates**

Dear Mr. Johnston:

Enclosed for filing in the above referenced matter please find tariff pages of the Potomac Electric Power Company's ("Pepco" or "Company") proposed Standard Offer Service – Rider "SOS". The retail transmission rates included in Rider "SOS" have been updated to reflect the current Federal Energy Regulatory Commission (FERC) approved wholesale transmission rates, which went into effect June 1, 2022. Pepco requests that the Commission approve the revised transmission rates contained in Rider "SOS" effective with usage on and after September 1, 2022.

The current Pepco Zone FERC-approved wholesale transmission rates for the period June 1, 2022 through May 31, 2023 include the following items:

1. Pepco's and the Southern Maryland Electric Cooperative's (SMECO's) FERC-approved formula rates as delineated in Attachment H-9A and Attachment H-9C of the PJM Open Access Transmission Tariff ("OATT").
2. Transmission Enhancement Charges ("TECs") pursuant to Schedule 12 of the PJM OATT.
3. The impact of changes to the PJM OATT pursuant to the Federal Energy Regulatory Commission ("FERC") Order issued on May 31, 2018 in FERC Docket No. EL05-121-009.

The incorporation of these items into the Company's retail transmission rates is described in greater detail on pages 2 through 6. A residential bill impact estimate is included on page

5, and a description of each of the attachments included in this filing is also included on pages 5 and 6.

## 1. Formula Rate - Pepco and SMECO

On May 13, 2022, the Company posted its annual update of the Company's formula transmission rate on the PJM website and filed informational copies of it with the FERC. The updated Network Integrated Transmission Service (NITS) rate is based on data contained in the 2021 FERC Form 1 for Pepco, which was filed with the FERC on March 30, 2022. As shown in Attachment H-9A of the PJM OATT, the filed wholesale transmission rate for NITS for the Pepco Zone effective June 1, 2022 is approximately \$34,270 per megawatt-year. Accounting for solely the Pepco Zone's share of Pepco Zone Schedule 12 TECs, the wholesale transmission rate for NITS effective June 1, 2022, excluding any amount associated with the SMECO formula rate for NITS, is approximately \$32,793 per megawatt-year.

The increase in the 2022 NITs rate from the 2021 NITs rate is largely driven by the rolling off of the negative true-up amount in the 2021 NITs and the rolling on of the positive true-up amount in the 2022 NITs. Additional drivers include increased total transmission O&M, income taxes, and investment return.

Specific details are shown in the chart below.

	<u>2021-22 Rate Year</u>	<u>2022-23 Rate Year</u>	<u>Increase (Decrease)</u>
Rate Base	\$ 1,015,157,182	\$ 1,063,305,407	\$ 48,148,225
Net Zonal Revenue Requirement	\$ 168,323,745	\$ 199,759,404	\$ 31,435,659
1 CP Peak	5,887 MW	5,829 MW	(58) MW
Network Service Rate	\$28,594/MW-Yr	\$34,270/MW-Yr	\$5,676/MW-Yr
O&M	\$ 46,484,368	\$ 53,811,319	\$ 7,326,952
Depreciation & Amortization	\$ 43,675,339	\$ 45,555,964	\$ 1,880,624
Taxes Other than income	\$ 13,074,103	\$ 13,572,942	\$ 498,839
Investment Return	\$ 77,961,453	\$ 80,847,683	\$ 2,886,230
Income Taxes	\$ 3,493,708	\$ 6,396,255	\$ 2,902,548
Revenue Credits	\$ (7,631,729)	\$ (6,676,783)	\$ 954,946
True-Up Amount	\$ (9,662,179)	\$ 5,340,868	\$ 15,003,048
ROE Incentives	\$ 928,682	\$ 911,155	\$ (17,527)
Net Zonal Revenue Requirement	\$ 168,323,745	\$ 199,759,404	\$ 31,435,659

On January 1, 2017, SMECO became classified as a PJM Transmission Owner and, consequently, its 230kV transmission and associated facilities are now considered a part of the bulk electric system. As a result, it was required to register as a Transmission Owner and to execute PJM's Transmission Owners Agreement (TOA) whereby it transferred its functions as Transmission Operator to PJM. SMECO's transmission system is integrated with the

transmission system of Pepco in the Pepco Zone of PJM.<sup>1</sup> As such, it is appropriate to include its formula rate for NITS in the calculation of the retail transmission rates for customers in the Pepco Zone.

As shown in SMECO's revision to Attachment H-9C of the PJM Open Access Transmission Tariff filed on December 1, 2021, in FERC Docket No. ER18-963, the filed wholesale transmission rate for NITS for SMECO currently in effect is approximately \$2,931 per megawatt-year.

Including the SMECO formula rate for NITS, the Pepco Zone's wholesale transmission rate for NITS effective June 1, 2022 is approximately \$35,725 per megawatt-year. Supporting documentation for this calculation can be found on page 1 of Attachment D.

## **2. Transmission Enhancement Charges**

Schedule 12 of the PJM OATT delineates certain charges, referred to as TECs, that are implemented to compensate transmission owners for the annual transmission revenue requirements for "Regional Transmission Enhancements" (as defined in the PJM OATT) that are requested by PJM for reliability or economic purposes. TECs are recovered by PJM through an additional transmission charge in the transmission zones assigned cost responsibility for the related Regional Transmission Enhancement Project ("RTEP"). As part of PJM's RTEP, PJM is required to file annual cost responsibility assignments for transmission projects in accordance with Schedule 12 of the PJM OATT for PJM Board of Managers and FERC approval. The assigned TECs are subsequently delineated in the formula rate update filings made by the responsible transmission owner.

As of June 15, 2022, formula rate updates incorporating Transmission Enhancement projects in Schedule 12 of the PJM Tariff, for which the Pepco Zone has an allocated responsibility, have been filed by the following transmission owners:

<u>Transmission Owner</u>	<u>FERC Docket No.</u>
Trans-Allegheny Interstate Line Company (TrAILCo)	ER17-406-000
Potomac-Appalachian Transmission Highline, L.L.C. (PATH)	ER09-1159
Baltimore Gas and Electric Company (BGE)	ER09-1100
Virginia Electric Power Company (Dominion)	ER09-545
Public Service Electric and Gas Company (PSE&G)	ER09-1257
PPL Electric Utilities Corporation (PPL Electric)	ER09-1148
AEP East Operating Companies (AEP)	ER08-1329
Atlantic City Electric Company (Atlantic City)	ER09-1156
Delmarva Power & Light Company (Delmarva Power)	ER09-1158
Potomac Electric Power Company (Pepco)	ER09-1159

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<sup>1</sup> Further information can be found in FERC Docket No. ER18-963 as well as the testimony of SMECO Witness Slater in Maryland Case No. 9456.

PECO Energy Company	ER17-1519
Mid- Atlantic Interstate Transmission, LLC	ER21-2072
Transource Pennsylvania, LLC	ER17-419
Transource Maryland, LLC	ER17-419
Northern Indiana Public Service Company	ER13-2376-001
Commonwealth Edison Company	ER09-1145
South FirstEnergy	ER21-253

The TECs for the Pepco Zone are included in the wholesale transmission rate for NITS for the Pepco Zone, as described in Section 1 above. However, for purposes of calculating retail transmission rates for customers in the Pepco Zone, the wholesale transmission rate for NITS only includes the Schedule 12 TECs that reflects the cost responsibility for Regional Transmission Enhancement projects allocated to the Pepco Zone. This calculation is detailed on page 1 of Attachment D.

The annual revenue requirements as of June 15, 2022 for TECs for the other transmission zones listed are shown on pages 1 through 5 of Attachment C. The Pepco Zone's Transmission Enhancement Charge for non-Pepco Zone Regional Transmission Enhancement projects is approximately \$8,719 per megawatt-year.

### **3. FERC Docket No. EL05-121-009 Settlement**

FERC Docket No. EL05-121-009 pertained to the allocation of costs for RTEPs among Transmission Owners ("TOs") in PJM. A settlement in this docket was reached in April 2018 and was approved by the FERC on May 31, 2018. As a part of the settlement, the cost allocation of RTEPs through the TECs was modified. The modification to the allocation was retroactive to the TECs beginning in 2007 and applies to both current and future TECs.

The modification to the allocation of the TECs is described as a "Billing Line Item" ("BLI"):

**a. Billing Line Item 1108 – Transmission Enhancement**

This BLI is used by PJM to charge for TECs. Changes to the current TECs as a result of the settlement are, on a going forward basis, reflected in this BLI. As discussed above, the Pepco Zone's responsibility for Pepco Zone RTEP and non-Pepco Zone RTEP are calculated in Attachments C and D of this filing.

**b. Billing Line Item 1115 – Transmission Enhancement Settlement (EL05-121-009)**

This BLI is a billing line item developed to charge or credit the total aggregate difference between historic TECs for the period 2007 – 2015 and the TECs for the same period reflecting the modified allocations. BLI 1115 remains in effect through December 31, 2025. This component is calculated on Attachment E Page 1 of 1.

The following BLI's are no longer in effect:

- c. **Billing Line Item 1108 – Transmission Enhancement – Catch Up and Interest**
- d. **Billing Line Item 1115 – Transmission Enhancement Settlement (EL05-121-009) – Catch Up and Interest**

#### **4. Residential Bill Impact**

The Company estimates that the impact of its proposed change in transmission retail rates to a Residential SOS customer using 811 kWh per month is \$1.24 per month.

#### **Description of Filing Attachments**

##### Attachment A

Attachment A provides proposed tariff pages containing the revised retail transmission rates as well as a redline which shows the additions and deletions to the current tariff pages.

##### Attachment B

Attachment B includes a summary of the calculation of the Pepco Zone's Retail Transmission Revenue Requirement by component for the period June 2022 to May 2023. It also provides a summary by rate schedule of Annualized Current Transmission Revenue, Transmission Peak Load Contribution ("TPLC"), Proposed Retail Transmission Revenue, and the proposed increase in Retail Transmission Revenue on a dollar and a percentage basis as allocated to rate schedules utilizing the Pepco Zone's TPLC as of January 1, 2022.

##### Attachment C

Attachment C includes the calculation of the Pepco Zone's allocated responsibility for the revenue requirements associated with Regional Transmission Enhancement projects in other PJM transmission zones.

##### Attachment D

Attachment D includes the Pepco Zone's transmission service annual revenue requirement, including in that calculation (1) an adjustment to reflect only the Pepco Zone's share of Pepco Zone Schedule 12 TECs and (2) the addition of SMECO's FERC-approved formula rate for NITS.

##### Attachment E

Attachment E calculates the impact of the FERC Docket No. EL05-121-009 Settlement on the June 2022 to May 2023 Pepco Zone retail transmission revenue requirement.

##### Attachment F

Attachment F calculates the proposed Pepco retail transmission rates using the final June 2022 to May 2023 Pepco Zone retail transmission revenue requirement allocations to Pepco's Maryland rate schedules and associated 2021 billing determinants.

Attachment G

Attachment G calculates the annualized bill impact of the Company's proposed update to its transmission retail rates for Residential SOS customers using 811 kWh per month utilizing current distribution, generation, transmission, and surcharge rates, as well as proposed transmission rates.

Please note that all attachments refer to any underlying PJM source documentation used in their preparation.

Finally, the Company, pursuant to its discussions with the Staff of the Public Service Commission, commits to filing its future transmission retail rate updates on or around July 1<sup>st</sup> of each year.

In consideration of the foregoing, Pepco requests that the Commission approve the revised transmission rates, effective September 1, 2022.

Pursuant to the Commission's July 12, 2021, Operational Notice, the Company will not provide paper copies of this filing.

Please contact me if you have any further questions.

Sincerely,

*/s/ Matthew K. Segers*

Matthew K. Segers

Enclosure

cc: All Parties of Record

# **Attachment A**

## **Clean and Redline Pages**

**Clean**



**RATE SCHEDULES**

**FOR**

**ELECTRIC SERVICE**

**IN**

**MARYLAND**

**POTOMAC ELECTRIC POWER COMPANY**



**RATES AND REGULATORY PRACTICES GROUP**

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**Summary Rider**

Rates and charges included in the Rate Schedules listed in the summary matrix shall be modified with the terms and conditions consistent with the indicated Riders:

	Rider	Rate Schedule													
		R	R-TM	GS	T	MGT LV II	MGT LV III	MGT 3A II	MGT 3A III	GT LV	GT 3A	GT 3B	TM-RT	EV	OL
	GRT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A	USC	X	X	X	X	X	X	X	X	X	X	X	X	X	
	R-EV	X													
	R-TM-EV		X												
	NEM	X	X	X		X	X	X	X	X	X	X			
I	SL-TN														
	PF			X		X	X	X	X	X	X	X			
	TS					X	X	X	X	X	X	X			
F	DT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	MCS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	MES	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	OMRS	X	X	X		X	X	X	X	X	X	X	X		
	EF					X	X	X	X	X	X	X			
D	SOS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G	PCA*	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G	HPS*						X		X	X	X	X	X		
G	AC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	RDCS					X	X	X	X	X	X	X	X		
G	BSA	X	X	X	X	X	X	X	X	X	X	X		X	
A	E-MD	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R-DLC	X	X												
H	RRC	X	X												
	MM-DLC					X	X	X	X	X	X	X	X		
	ANEM	X	X	X		X	X	X	X	X	X	X			
	NR-DLC			X	X	X	X	X	X	X	X	X	X	X	X
B	DRS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A	DP	X	X												
A	GRC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	CNM														
	EVCP	X		X		X	X	X	X	X	X	X			
C	GREEN														
	EVCDCC					X	X	X	X	X	X	X			
	ERR	X	X	X	X	X	X	X	X	X	X	X	X	X	X
I	MYP ADJ.	X	X	X	X	X	X	X	X	X	X	X	X	X	X

**Key:**

X – Rider is applicable or available to the Rate Schedule indicated

\* – A component of Rider SOS

A – Rider is reconciled and updated annually during the first quarter of each year

B – Rider is reconciled and updated annually during the second quarter of each year

C – Rider is reconciled and updated biannually during the first and third quarters of each year

D – Rider is updated biannually with SOS – Type II rates updated on a quarterly basis

E – Off-rider rates are tracked on a monthly basis and updated annually

F – Off-rider rate is tracked on a monthly basis and updated upon change in the enacted franchise tax rate

G – Off-rider rates are tracked and updated on a monthly basis

H – Off-rider rates are tracked and updated on a quarterly basis

I – Rider is updated periodically

## Summary Rider

Rates and charges included in the Rate Schedules listed in the summary matrix shall be modified with the terms and conditions consistent with the indicated Riders:

	Rider	SL	SSL- OH	SSL- UG	SSL- OH- LED	SSL- UG- LED	TN	S	PIV	R- PIV	CS	R- TOU- P	PC- PIV
	GRT	X	X	X	X	X	X		X	X		X	
A	USC									X		X	
	R-EV												
	R-TM-EV												
	NEM								X			X	
I	SL-TN	X	X	X	X	X							
	PF												
	TS												
F	DT	X	X	X	X	X	X		X	X		X	
E	MCS	X	X	X	X	X	X		X	X		X	
E	MES	X	X	X	X	X	X		X	X		X	
	OMRS											X	
	EF												
D	SOS	X	X	X	X	X	X					X	
G	PCA*	X	X	X	X	X	X					X	
G	HPS*												
G	AC	X	X	X	X	X	X		X	X		X	
	RDCS												
G	BSA								X	X		X	
A	E-MD	X	X	X	X	X	X		X	X		X	
	R-DLC									X		X	
H	RRC											X	
	MM-DLC												
	ANEM												
	NR-DLC	X	X	X	X	X	X						
B	DRS	X	X	X	X	X	X		X	X		X	
A	DP								X	X		X	
A	GRC	X	X	X	X	X	X						
	CNM										X		
	EVCP									X			
C	GREEN								X	X			X
	EVCDDCC												
	ERR	X	X	X	X	X	X		X	X		X	X
I	MYP ADJ.	X	X	X	X	X	X		X	X		X	

**Key:**

X – Rider is applicable or available to the Rate Schedule indicated

\* – A component of Rider SOS

A – Rider is reconciled and updated annually during the first quarter of each year

B – Rider is reconciled and updated annually during the second quarter of each year

C – Rider is reconciled and updated biannually during the first and third quarters of each year

D – Rider is updated biannually with SOS – Type II rates updated on a quarterly basis

E – Off-rider rates are tracked on a monthly basis and updated annually

F – Off-rider rate is tracked on a monthly basis and updated upon change in the enacted franchise tax rate

G – Off-rider rates are tracked and updated on a monthly basis

H – Off-rider rates are tracked and updated on a quarterly basis

I – Rider is updated periodically

**PLUG-IN VEHICLE CHARGING -  
SCHEDULE "PIV"**

**AVAILABILITY** – Available for Distribution and Standard Offer Service for low voltage electric service used for Plug-in Vehicle ("PIV") battery charging purposes in premises where other electric requirements are furnished under Schedule "R" and "RTM".

The customer agrees to allow the Company to install and maintain necessary equipment (if applicable) to monitor and/or manage the PIV load.

Customers taking service under Rider "NEM" (Net Energy Metering) are eligible for this Schedule "PIV".

**CHARACTER OF SERVICE**

The service supplied under this schedule normally will be alternating current, sixty hertz, either (i) single phase, three wire, 120/240 volts or 120/208 volts, or (ii) three phase, four wire, 120/208 volts.

Service will be supplied from the regular service connection facilities.

**MONTHLY RATE**

Distribution Service Charge	Rate Year 1 Effective June 28, 2021 – March 31, 2022	Rate Year 2 Effective April 1, 2022 – March 31, 2023	Rate Year 3 Effective April 1, 2023 – March 31, 2024
Kilowatt-Hour Charge (Summer)	\$0.07229	\$0.07592	\$0.07992
Kilowatt-Hour Charge (Winter)	\$0.03572	\$0.03751	\$0.03948

Generation Service Charge	Rate Effective April 1, 2022 – May 31, 2022 Winter	Rate Effective June 1, 2022 – October 31, 2022 Summer	Rate Effective November 1, 2022 – May 31, 2023 Winter
<b>SOS Kilowatt-Hour Charge</b>			
<b>On-Peak</b>	\$0.10767 per kwhr	\$0.09582 per kwhr	\$0.13576 per kwhr
<b>Off-Peak</b>	\$0.05554 per kwhr	\$0.04244 per kwhr	\$0.07238 per kwhr
<b>Administrative Charge</b>	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>			
<b>On-Peak</b>	\$0.10956 per kwhr	\$0.09771 per kwhr	\$0.13765 per kwhr
<b>Off-Peak</b>	\$0.05743 per kwhr	\$0.04433 per kwhr	\$0.07427 per kwhr

Transmission Service Charge	Rate Effective September 1, 2022
Kilowatt-Hour Charge (Summer)	\$ 0.01296
Kilowatt-Hour Charge (Winter)	\$ 0.01296

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Generation and Transmission Service Charges** – Customers who do not receive service from an alternative Electric Supplier as defined in the Company's General Terms and Conditions will receive Generation and Transmission Services from the Company under the provisions of Schedule "PIV". Supply Service Charges for Schedule "PIV" will be updated to reflect changes to Rider "SOS" rates.

**Billing Credit** – A monthly billing credit in the amount of \$0.61 per residential customer will be applied to the bill of each customer receiving a consolidated bill from an alternative supplier for services provided both by Pepco and by the alternative supplier.

**BILLING MONTHS**

**Summer** – Billing months of June through October.

**Winter** – Billing months of November through May.

**RATING PERIODS**

On-peak hours are from 12:00 p.m. to 8 p.m. Monday through Friday excluding holidays falling on weekdays. All other hours are off-peak.

**SUPPLY CAPACITY REQUIREMENT**

Should additional service capacity be required for the "off-peak" service, in excess of that provided for regular service, the customer will pay to the Company an amount equal to the estimated cost of the additional facilities. Such payment must be made prior to the commencement of service under this schedule.

**GROSS RECEIPTS TAX**

A surcharge of 2.0408% is applied to the transmission and distribution components of the customer's bill to recover the amount attributable to the Gross Receipt's Tax.

**GENERAL TERMS AND CONDITION**

This schedule is subject in all respects to the Company's "General Terms and Conditions for Furnishing Electric Service" and the Company's "Electric Service Rules and Regulations."

**APPLICABLE RIDERS**

[Administrative Credit](#)

[Delivery Tax Surcharge](#)

[Montgomery County Surcharge](#)

[Maryland Environmental Surcharge](#)

[Bill Stabilization Adjustment](#)

[Empower MD Charge](#)

[Demand Resource Surcharge](#)

[Dynamic Pricing – Peak Energy Savings Credit](#)

[Green Rider](#)

[Economic Relief and Recovery Rider](#)

[MYP Adjustment Rider](#)



**RESIDENTIAL SERVICE - WITH PLUG-IN  
VEHICLE CHARGING SCHEDULE "R-PIV"**

**AVAILABILITY** – Available for Distribution Service and Standard Offer Service when modified by Rider “SOS” in the Maryland portion of the Company’s service area for low voltage electric service where the use is primarily for residential purposes and for farm operations where the electricity for both farm and residential purposes is delivered through the same meter.

The service supplied under this Schedule is for Plug-in Vehicle (“PIV”) battery charging purposes in addition to the electric requirements for residential purposes and for farm operations as described above. The electricity for PIV battery charging purposes is delivered through the same meter as for both farm and residential purposes.

Not available for residential premises in which five (5) or more rooms are furnished under Schedules “R” and “RTM” for hire.

Not available for seasonal loads metered separately from lighting and other usage in the same occupancy.

Not available for temporary, auxiliary or emergency service.

Customers taking service under Rider “NEM” (Net Energy Metering) are not eligible for Schedule “R-PIV”.

**CHARACTER OF SERVICE**

The service supplied under this schedule normally will be alternating current, sixty hertz, either (i) single phase, three wire, 120/240 volts or 120/208 volts, or (ii) three phase, four wire, 120/208 volts.

Service will be supplied from the regular service connection facilities.

**MONTHLY RATE**

Distribution Service Charge	Rate Year 1 Effective June 28, 2021 – March 31, 2022	Rate Year 2 Effective April 1, 2022 – March 31, 2023	Rate Year 3 Effective April 1, 2023 – March 31, 2024
Customer Charge	\$ 8.01	\$ 8.22	\$ 8.22
Kilowatt-Hour Charge (Summer)	\$0.07229	\$0.07592	\$0.07992
Kilowatt-Hour Charge (Winter)	\$0.03572	\$0.03751	\$0.03948

Generation Service Charge	Rate Effective April 1, 2022 – May 31, 2022 Winter	Rate Effective June 1, 2022 – October 31, 2022 Summer	Rate Effective November 1, 2022 – May 31, 2023 Winter
SOS Kilowatt-Hour Charge			
On-Peak	\$0.14941 per kwhr	\$0.10218 per kwhr	\$0.18651 per kwhr
Off-Peak	\$0.04581 per kwhr	\$0.03910 per kwhr	\$0.06056 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge			
On-Peak	\$0.15130 per kwhr	\$0.10407 per kwhr	\$0.18840 per kwhr
Off-Peak	\$0.04770 per kwhr	\$0.04099 per kwhr	\$0.06245 per kwhr

**MONTHLY RATES (Continued)**

Transmission Service Charge	Rate Effective September 1, 2022
Kilowatt-Hour Charge (Summer)	\$ 0.01296
Kilowatt-Hour Charge (Winter)	\$ 0.01296

**Procurement Cost Adjustment** See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Generation and Transmission Service Charges** – Customers must receive Generation and Transmission Services from the Company under the provisions of Schedule “R-PIV”. Supply Service Charges for Schedule “R-PIV” will be updated to reflect changes to Rider “SOS” rates.

**BILLING MONTHS**

**Summer** – Billing months of June through October.

**Winter** – Billing months of November through May.

**RATING PERIODS**

On-peak hours are from 12:00 p.m. to 8 p.m. Monday through Friday excluding holidays falling on weekdays. All other hours are off-peak.

**SUPPLY CAPACITY REQUIREMENT**

Should additional service capacity be required for the “off-peak” service, in excess of that provided for regular service, the customer will pay to the Company an amount equal to the estimated cost of the additional facilities. Such payment must be made prior to the commencement of service under this schedule.

**GROSS RECEIPTS TAX**

A surcharge of 2.0408% is applied to the transmission and distribution components of the customer’s bill to recover the amount attributable to the Gross Receipt’s Tax.

**GENERAL TERMS AND CONDITION**

This schedule is subject in all respects to the Company’s “General Terms and Conditions for Furnishing Electric Service” and the Company’s “Electric Service Rules and Regulations.”

**APPLICABLE RIDERS**

[Administrative Credit](#)  
[Delivery Tax Surcharge](#)  
[Montgomery County Surcharge](#)  
[Maryland Environmental Surcharge](#)  
[Bill Stabilization Adjustment](#)  
[Empower MD Charge](#)  
[Residential Direct Load Control](#)  
[Demand Resource Surcharge](#)  
[Dynamic Pricing – Peak Energy Savings Credit](#)  
[Universal Service Charge Recovery](#)  
[Green Rider](#)  
[Economic Relief and Recovery Rider](#)  
[MYP Adjustment Rider](#)

## **STANDARD OFFER SERVICE RIDER "SOS"**

### **RIDER "SOS" – STANDARD OFFER SERVICE**

Available in the Maryland portion of the Company's service area for the provision of Generation and Transmission Services to customers who do not have an alternate supplier for Generation and Transmission Services as defined in the Customer Choice Act, Section 7-510(C)(2).

Standard Offer Service (SOS) is available beginning July 1, 2004 in accordance with the provisions contained in the Maryland Case No. 8908 Settlement Agreements (Phase I and II) approved by the Maryland Public Service Commission in Order Nos. 78400 and 78710 and in the Code of Maryland Regulations (COMAR) 20.52 Electric Standard Offer Service.

### **DESCRIPTION OF SOS TYPES**

#### **Residential**

Applicable to customers served on Schedules "R", "R-TM" and "R-TOU-P".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### **Type I Non-Residential**

Applicable to customers served on Schedules "GS", "T", "SL", "TN", "EV", and "OL".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### **Type II Non-Residential**

Applicable to customers served on Schedules "MGT LV II" and "MGT 3A II".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### **Hourly-Priced Service (HPS)**

Applicable to customers served on Schedules "MGT LV III", "MGT 3A III", "GT LV", "GT 3A", "GT 3B" and "TM-RT".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

When a customer purchasing from an alternate supplier, other than the Company, returns or is returned to the Company on or after June 1, 2005, the customer will receive HPS.

A Customer shall not change Type within the SOS year.

**MONTHLY RATE**

Customers receiving Standard Offer Service will pay the Distribution Service Charge, Transmission Service Charge and Generation Service Charge including all applicable riders. The Distribution Service Charges are stated in the Monthly Rates for the Customer's applicable Rate Schedule.

The Standard Offer Service Rate for each Rate Schedule within each SOS Type, including any usage incurred under associated Riders, will include the following components:

1. The seasonally-differentiated and, if applicable, time-of-use differentiated load weighted average of all awarded electric supply prices for specific services in each year.
2. Retail charges designed to recover, on an aggregate basis, FERC-approved transmission charges and any other PJM charges and costs incurred by Pepco.
3. An administrative charge, consisting of incremental, uncollectible and cash working capital cost, an administrative adjustment and a return (included in Generation rates tables below); and;
4. Applicable taxes.

**SOS – Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)**
**Schedule R**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.06662 per kwhr	\$0.05586 per kwhr	\$0.08586 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge	\$0.06851 per kwhr	\$0.05775 per kwhr	\$0.08775 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.01296 per kwhr	\$ 0.01296 per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule R-TM**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge			
On Peak	\$0.06731 per kwhr	\$0.06554 per kwhr	\$0.08732 per kwhr
Intermediate	\$0.06823 per kwhr	\$0.05422 per kwhr	\$0.08896 per kwhr
Off Peak	\$0.06479 per kwhr	\$0.05282 per kwhr	\$0.08402 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge			
On Peak	\$0.06920 per kwhr	\$0.06743 per kwhr	\$0.08921 per kwhr
Intermediate	\$0.07012 per kwhr	\$0.05611 per kwhr	\$0.09085 per kwhr
Off Peak	\$0.06668 per kwhr	\$0.05471 per kwhr	\$0.08591 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.01316 per kwhr	\$ 0.01316 per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule R-TOU-P**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22-05/31/23
SOS Kilowatt-hour Charge			
On Peak	\$0.19130 per kwhr	\$0.17866 per kwhr	\$0.24677 per kwhr
Off Peak	\$0.05728 per kwhr	\$0.05117 per kwhr	\$0.07564 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge			
On Peak	\$0.19319 per kwhr	\$0.20596 per kwhr	\$0.26059 per kwhr
Off Peak	\$0.05917 per kwhr	\$0.05110 per kwhr	\$0.07753 per kwhr

**Transmission Service Charge****Kilowatt-hour Charge****Procurement Cost Adjustment****Included in Generation Service Charge**See [www.pepco.com](http://www.pepco.com) for currently effective rate.**Note:** Schedule R-TOU-P billing periods are as follows:

Summer – Billing months are June through September, and On-Peak hours will be between the hours of 2:00 pm and 7:00 pm excluding weekends and holidays. All other hours are off-peak.

Winter - Billing months are October through May, and On-Peak hours will be between the hours of 6:00 am and 9:00 am, excluding weekends and holidays. All other hours are off-peak.

**SOS – Type I Non-Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)****Schedule GS and EV**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22-05/31/23
SOS Kilowatt-hour Charge	\$0.06190 per kwhr	\$0.05641 per kwhr	\$0.07981 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.06343 per kwhr	\$0.05794 per kwhr	\$0.08134 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00909 per kwhr	\$0.00909 per kwhr

**Procurement Cost Adjustment**See [www.pepco.com](http://www.pepco.com) for currently effective rate**Schedule T**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.06190 per kwhr	\$0.05641 per kwhr	\$0.07981 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.06343 per kwhr	\$0.05794 per kwhr	\$0.08134 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00714 per kwhr	\$0.00714 per kwhr

**Procurement Cost Adjustment**See [www.pepco.com](http://www.pepco.com) for currently effective rate**Schedule SL**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.05670 per kwhr	\$0.04758 per kwhr	\$0.07031 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.05823 per kwhr	\$0.04911 per kwhr	\$0.07184 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00001 per kwhr	\$0.00001 per kwhr

**Procurement Cost Adjustment**See [www.pepco.com](http://www.pepco.com) for currently effective rate

## MONTHLY RATE (continued)

## Schedule OL

## Mercury Vapor (06/01/22 to 09/30/22)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
175 Watt Lamp	\$0.04911	\$0.210	\$ 73.50	\$ 3.61
250 Watt Lamp	\$0.04911	\$0.290	\$101.50	\$ 4.98
400 Watt Lamp	\$0.04911	\$0.445	\$155.75	\$ 7.65

## Mercury Vapor (10/01/22 to 05/31/23)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
175 Watt Lamp	\$0.07184	\$0.210	\$73.50	\$ 5.28
250 Watt Lamp	\$0.07184	\$0.290	\$101.50	\$ 7.29
400 Watt Lamp	\$0.07184	\$0.445	\$155.75	\$ 11.19

High Pressure Sodium<sup>3</sup> (06/01/22 to 09/30/22)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
100 Watt Lamp	\$0.04911	\$0.120	\$42.00	\$ 2.06
150 Watt Lamp	\$0.04911	\$0.175	\$61.25	\$ 3.01
250 Watt Lamp	\$0.04911	\$0.295	\$103.25	\$ 5.07

## High Pressure Sodium (10/01/22 to 05/31/23)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
100 Watt Lamp	\$0.07184	\$0.120	\$42.00	\$ 3.02
150 Watt Lamp	\$0.07184	\$0.175	\$61.25	\$ 4.40
250 Watt Lamp	\$0.07184	\$0.295	\$103.25	\$ 7.42

<sup>1</sup>) Administrative charge included in \$/kWh rate<sup>2</sup>) kW/lamp includes ballast<sup>3</sup>) kWh/month = 4200 Burning Hours / Year \*kW/lamp/12<sup>4</sup>) Winter rates are available after Tranche 3

Transmission Service Charge	Summer	Winter
175 Watt	\$0.00 per lamp	\$0.00 per lamp
250 Watt	\$0.00 per lamp	\$0.00 per lamp
400 Watt	\$0.00 per lamp	\$0.00 per lamp

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

## MONTHLY RATE (continued)

## Schedule TN and Rider SL-TN

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.05749 per kwhr	\$0.05414 per kwhr	\$0.07237 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.05902 per kwhr	\$0.05567 per kwhr	\$0.07390 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00573 kwhr	\$0.00573 per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

## SOS – Type II Non-Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)

## Schedule MGT LV II

Generation Service Charge	12/01/21 – 02/28/22	03/01/22 – 03/31/22	04/01/22 – 05/31/22	06/01/22 – 08/31/22
SOS Kilowatt-hour Charge				
On-Peak	\$0.12412 per kwhr	\$0.07604 per kwhr	\$0.07604 per kwhr	\$0.15486 per kwhr
Intermediate	\$0.12703 per kwhr	\$0.07675 per kwhr	\$0.07675 per kwhr	\$0.09426 per kwhr
Off-Peak	\$0.11192 per kwhr	\$0.07016 per kwhr	\$0.07016 per kwhr	\$0.09238 per kwhr
Administrative Charge	\$0.00600 per kwhr	\$0.00600 per kwhr	\$0.00155 per kwhr	\$0.00155 per kwhr
Total SOS Kilowatt hour Charge				
On-Peak	\$0.13012 per kwhr	\$0.08204 per kwhr	\$0.07759 per kwhr	\$0.15641 per kwhr
Intermediate	\$0.13303 per kwhr	\$0.08275 per kwhr	\$0.07830 per kwhr	\$0.09581 per kwhr
Off-Peak	\$0.11792 per kwhr	\$0.07616 per kwhr	\$0.07171 per kwhr	\$0.09393 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00560 per kwhr	\$0.00560 per kwhr
Kilowatt Charge		
On Peak	\$1.2393 per kw	
Maximum	\$0.9022 per kw	\$0.9022 per kw

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule MGT 3A II**

Generation Service Charge	12/01/21 – 02/28/22	03/01/22 – 03/31/22	04/01/22 – 05/31/22	06/01/22 – 08/31/22
<b>SOS Kilowatt-hour Charge</b>				
On-Peak	\$0.12297 per kwhr	\$0.07533 per kwhr	\$0.07533 per kwhr	\$0.15342 per kwhr
Intermediate	\$0.12585 per kwhr	\$0.07603 per kwhr	\$0.07603 per kwhr	\$0.09338 per kwhr
Off-Peak	\$0.11088 per kwhr	\$0.06951 per kwhr	\$0.06951 per kwhr	\$0.09152 per kwhr
Administrative Charge	\$0.00600 per kwhr	\$0.00600 per kwhr	\$0.00155 per kwhr	\$0.00155 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>				
On-Peak	\$0.12897 per kwhr	\$0.08133 per kwhr	\$0.07688 per kwhr	\$0.15497 per kwhr
Intermediate	\$0.13185 per kwhr	\$0.08203 per kwhr	\$0.07758 per kwhr	\$0.09493 per kwhr
Off-Peak	\$0.11688 per kwhr	\$0.07551 per kwhr	\$0.07106 per kwhr	\$0.09307 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00485 per kwhr	\$0.00485 per kwhr
Kilowatt Charge		
On Peak	\$1.0553 per kw	
Maximum	\$0.7762 per kw	\$0.7762 per kw

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate**SOS – Hourly Priced Service (HPS)****Schedules MGT LV III, MGT 3A III, GT LV, GT 3A, GT 3B, and TM-RT****Generation Service Charge****The Hourly Price Service will include:**

1. **Market Hourly Energy Charge** – The Customer's hourly energy usage, adjusted for applicable losses, multiplied by the hourly energy charge.

The hourly energy charge will consist of the 1) hourly integrated real time fixed nodal weighted aggregate Locational Marginal Price (LMP) values for the Pepco zone, or its successor for the retail load served in Pepco's Maryland service area, as determined and reported by the PJM; 2) An Administrative Charge of between \$0.00225 and \$0.00300 per kwh, any applicable taxes, and other items as provided for in paragraphs 79 and 82 of the Phase I Settlement in Maryland Case No. 8908; and 3) Generation Ancillary Service Charges based on the previous month's average cents per kwh generation ancillary service cost for HPS customers in the Pepco Zone as determined and reported by PJM.

2. **Monthly Capacity Charge** – Determined by summing over each day during the Customer's billing period the Customer's obligation in MW multiplied by the daily cost per MW of procuring capacity. The daily Capacity procurement cost shall be in dollars per MW-day, based on capacity purchased to cover HPS shortages and any penalties or deficiency charges and broker fees accruing for the day of the calculation.

When a Customer's account does not have interval data, the Customer's historical data will be used to develop the hourly use.

**Transmission Service Charge** – The transmission service charges stated in this SOS – Hourly Priced Service (HPS) section apply only to Type III customers receiving HPS from Pepco.



**Transmission Service Charge****Schedule MGT LV III**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00560 per kwhr	\$0.00560 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$1.2393 per kw	
<b>Maximum</b>	\$0.9022 per kw	\$0.9022 per kw

**Schedule MGT 3A III**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00485 per kwhr	\$0.00485 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$1.0553 per kw	
<b>Maximum</b>	\$0.7762 per kw	\$0.7762 per kw

**Schedule GT LV**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00505 per kwhr	\$0.00505 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$1.3388 per kw	
<b>Maximum</b>	\$0.9889 per kw	\$0.9889 per kw

**Schedule GT 3A**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00513 per kwhr	\$0.00513 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$1.3900 per kw	
<b>Maximum</b>	\$1.0395 per kw	\$1.0395 per kw

**Schedule GT 3B**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00427 per kwhr	\$0.00427 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$1.1197 per kw	
<b>Maximum</b>	\$0.8236 per kw	\$0.8236 per kw

**Schedule TM-RT**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$0.00511 per kwhr	\$0.00511 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$0.8896 per kw	
<b>Maximum</b>	\$0.6399 per kw	\$0.6399 per kw

The monthly HPS charges shall equal the actual cost of providing energy and capacity supply transmission service, ancillary service, and any other cost element directly related to the Company's HPS load obligation, including an Administrative Charge and applicable taxes.

The Company will determine an Hourly Price Service Procurement Cost Adjustment (HPS – PCA) which will reflect the difference between the actual cost of serving Customers under HPS (including any cost adjustments from the PJM Settlement system) and the amount billed to HPS Customers for the same time period. The Company will determine the HPS-PCA rate by dividing the HPS-PCA amount by the total kilowatt-hour sales of the then current HPS customers. The HPS-PCA rate will be applied to each of the then current HPS customers' sales to determine the credit/charge for the billing month.

At the conclusion of Hourly Price Service on June 1, 2006, any HPS PCA will be returned to, or collected from all Type II Customers regardless of their supplier.

**BILLING MONTHS**

**Summer** – Billing months of June through October

**Winter** – Billing months of November through May.

**RATING PERIODS****Weekdays - (Excluding Holidays)**

On-Peak Period	12:00 noon	to	8:00 p.m.
Intermediate Period	8:00 a.m.	to	12:00 noon
		and	
	8:00 p.m.	to	12:00 midnight
Off-Peak Period	12:00 midnight	to	8:00 a.m.

**Saturdays, Sundays and Holidays**

Off-Peak Period All Hours

**Holidays**

For the purpose of this tariff, holidays will be New Year's Day, Rev. Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and Christmas Day, as designated by the Federal Government.

**BILLING DEMANDS**

On-Peak (Summer Billing Months Only) - The billing demand shall be the maximum thirty (30) minute demand recorded during the on-peak period of the billing month.

Maximum (All Months) - The billing demand shall be the maximum thirty (30) minute demand recorded during the billing month.

**PROCUREMENT COST ADJUSTMENT**

In addition to the Standard Offer Service rates shown above, for Residential, Type I, and Type II customers (excludes HPS customers) there will be a monthly Procurement Cost Adjustment (PCA) shown as a separate line item on the Customer's bill. Refer to HPS for the Hourly Priced Service Procurement Cost Adjustment (HPS-PCA).

The PCA is a \$ per kilowatt-hour rate applied to the Customer's billed kilowatt-hours.

The PCA is an adjustment made in order to true-up the rates customers are billed to reflect the Company's actual costs of providing Standard Offer Service.

A true-up adjustment will be made to the PCA at least three (3) times per year- effective with the June, November and February billing months. These true-ups will revise the PCA based on actual and forecasted collections of SOS revenues by SOS Type and the actual and forecasted cost of providing Standard Offer Service.

The current applicable PCA rate by SOS Type is available on the Company's website at [www.pepco.com](http://www.pepco.com).

**PUBLICATION OF PRICES**

The Standard Offer Service Rates shown in this Rider are posted on the Company's website at [www.pepco.com](http://www.pepco.com).

The market hourly Locational Marginal Prices used for HPS are available on the PJM website at [www.pjm.com](http://www.pjm.com).

REDLINE

**RATE SCHEDULES**

**FOR**

**ELECTRIC SERVICE**

**IN**

**MARYLAND**

**POTOMAC ELECTRIC POWER COMPANY**



**RATES AND REGULATORY PRACTICES GROUP**

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**Summary Rider**

Rates and charges included in the Rate Schedules listed in the summary matrix shall be modified with the terms and conditions consistent with the indicated Riders:

	Rider	Rate Schedule													
		R	R-TM	GS	T	MGT LV II	MGT LV III	MGT 3A II	MGT 3A III	GT LV	GT 3A	GT 3B	TM-RT	EV	OL
	GRT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A	USC	X	X	X	X	X	X	X	X	X	X	X	X	X	
	R-EV	X													
	R-TM-EV		X												
	NEM	X	X	X		X	X	X	X	X	X	X			
I	SL-TN														
	PF			X		X	X	X	X	X	X	X			
	TS					X	X	X	X	X	X	X			
F	DT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	MCS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E	MES	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	OMRS	X	X	X		X	X	X	X	X	X	X	X		
	EF					X	X	X	X	X	X	X			
D	SOS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G	PCA*	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G	HPS*						X		X	X	X	X	X		
G	AC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	RDCS					X	X	X	X	X	X	X	X		
G	BSA	X	X	X	X	X	X	X	X	X	X	X		X	
A	E-MD	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R-DLC	X	X												
H	RRC	X	X												
	MM-DLC					X	X	X	X	X	X	X	X		
	ANEM	X	X	X		X	X	X	X	X	X	X			
	NR-DLC			X	X	X	X	X	X	X	X	X	X	X	X
B	DRS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
A	DP	X	X												
A	GRC	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	CNM														
	EVCP	X		X		X	X	X	X	X	X	X			
C	GREEN														
	EVCDCC					X	X	X	X	X	X	X			
	ERR	X	X	X	X	X	X	X	X	X	X	X	X	X	X
I	MYP ADJ.	X	X	X	X	X	X	X	X	X	X	X	X	X	X

**Key:**

X – Rider is applicable or available to the Rate Schedule indicated

\* – A component of Rider SOS

A – Rider is reconciled and updated annually during the first quarter of each year

B – Rider is reconciled and updated annually during the second quarter of each year

C – Rider is reconciled and updated biannually during the first and third quarters of each year

D – Rider is updated biannually with SOS – Type II rates updated on a quarterly basis

E – Off-rider rates are tracked on a monthly basis and updated annually

F – Off-rider rate is tracked on a monthly basis and updated upon change in the enacted franchise tax rate

G – Off-rider rates are tracked and updated on a monthly basis

H – Off-rider rates are tracked and updated on a quarterly basis

I – Rider is updated periodically



## Summary Rider

Rates and charges included in the Rate Schedules listed in the summary matrix shall be modified with the terms and conditions consistent with the indicated Riders:

	Rider	SL	SSL- OH	SSL- UG	SSL- OH- LED	SSL- UG- LED	TN	S	PIV	R- PIV	CS	R- TOU- P	PC- PIV
	GRT	X	X	X	X	X	X		X	X		X	
A	USC									X		X	
	R-EV												
	R-TM-EV												
	NEM								X			X	
I	SL-TN	X	X	X	X	X							
	PF												
	TS												
F	DT	X	X	X	X	X	X		X	X		X	
E	MCS	X	X	X	X	X	X		X	X		X	
E	MES	X	X	X	X	X	X		X	X		X	
	OMRS											X	
	EF												
D	SOS	X	X	X	X	X	X					X	
G	PCA*	X	X	X	X	X	X					X	
G	HPS*												
G	AC	X	X	X	X	X	X		X	X		X	
	RDCS												
G	BSA								X	X		X	
A	E-MD	X	X	X	X	X	X		X	X		X	
	R-DLC									X		X	
H	RRC											X	
	MM-DLC												
	ANEM												
	NR-DLC	X	X	X	X	X	X						
B	DRS	X	X	X	X	X	X		X	X		X	
A	DP								X	X		X	
A	GRC	X	X	X	X	X	X						
	CNM										X		
	EVCP									X			
C	GREEN								X	X			X
	EVCDDCC												
	ERR	X	X	X	X	X	X		X	X		X	X
I	MYP ADJ.	X	X	X	X	X	X		X	X		X	

**Key:**

X – Rider is applicable or available to the Rate Schedule indicated

\* – A component of Rider SOS

A – Rider is reconciled and updated annually during the first quarter of each year

B – Rider is reconciled and updated annually during the second quarter of each year

C – Rider is reconciled and updated biannually during the first and third quarters of each year

D – Rider is updated biannually with SOS – Type II rates updated on a quarterly basis

E – Off-rider rates are tracked on a monthly basis and updated annually

F – Off-rider rate is tracked on a monthly basis and updated upon change in the enacted franchise tax rate

G – Off-rider rates are tracked and updated on a monthly basis

H – Off-rider rates are tracked and updated on a quarterly basis

I – Rider is updated periodically

**PLUG-IN VEHICLE CHARGING -  
SCHEDULE "PIV"**

**AVAILABILITY** – Available for Distribution and Standard Offer Service for low voltage electric service used for Plug-in Vehicle ("PIV") battery charging purposes in premises where other electric requirements are furnished under Schedule "R" and "RTM".

The customer agrees to allow the Company to install and maintain necessary equipment (if applicable) to monitor and/or manage the PIV load.

Customers taking service under Rider "NEM" (Net Energy Metering) are eligible for this Schedule "PIV".

**CHARACTER OF SERVICE**

The service supplied under this schedule normally will be alternating current, sixty hertz, either (i) single phase, three wire, 120/240 volts or 120/208 volts, or (ii) three phase, four wire, 120/208 volts.

Service will be supplied from the regular service connection facilities.

**MONTHLY RATE**

Distribution Service Charge	Rate Year 1 Effective June 28, 2021 – March 31, 2022	Rate Year 2 Effective April 1, 2022 – March 31, 2023	Rate Year 3 Effective April 1, 2023 – March 31, 2024
Kilowatt-Hour Charge (Summer)	\$0.07229	\$0.07592	\$0.07992
Kilowatt-Hour Charge (Winter)	\$0.03572	\$0.03751	\$0.03948

Generation Service Charge	Rate Effective April 1, 2022 – May 31, 2022 Winter	Rate Effective June 1, 2022 – October 31, 2022 Summer	Rate Effective November 1, 2022 – May 31, 2023 Winter
<b>SOS Kilowatt-Hour Charge</b>			
<b>On-Peak</b>	\$0.10767 per kwhr	\$0.09582 per kwhr	\$0.13576 per kwhr
<b>Off-Peak</b>	\$0.05554 per kwhr	\$0.04244 per kwhr	\$0.07238 per kwhr
<b>Administrative Charge</b>	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>			
<b>On-Peak</b>	\$0.10956 per kwhr	\$0.09771 per kwhr	\$0.13765 per kwhr
<b>Off-Peak</b>	\$0.05743 per kwhr	\$0.04433 per kwhr	\$0.07427 per kwhr

Transmission Service Charge	Rate Effective September 1, <del>2021</del> <u>2022</u>
Kilowatt-Hour Charge (Summer)	\$ <del>0.012960</del> <u>0.01145</u>
Kilowatt-Hour Charge (Winter)	\$ <del>0.012960</del> <u>0.01145</u>

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Generation and Transmission Service Charges** – Customers who do not receive service from an alternative Electric Supplier as defined in the Company's General Terms and Conditions will receive Generation and Transmission Services from the Company under the provisions of Schedule "PIV". Supply Service Charges for Schedule "PIV" will be updated to reflect changes to Rider "SOS" rates.

**Billing Credit** – A monthly billing credit in the amount of \$0.61 per residential customer will be applied to the bill of each customer receiving a consolidated bill from an alternative supplier for services provided both by Pepco and by the alternative supplier.

**BILLING MONTHS**

**Summer** – Billing months of June through October.

**Winter** – Billing months of November through May.

**RATING PERIODS**

On-peak hours are from 12:00 p.m. to 8 p.m. Monday through Friday excluding holidays falling on weekdays. All other hours are off-peak.

**SUPPLY CAPACITY REQUIREMENT**

Should additional service capacity be required for the "off-peak" service, in excess of that provided for regular service, the customer will pay to the Company an amount equal to the estimated cost of the additional facilities. Such payment must be made prior to the commencement of service under this schedule.

**GROSS RECEIPTS TAX**

A surcharge of 2.0408% is applied to the transmission and distribution components of the customer's bill to recover the amount attributable to the Gross Receipt's Tax.

**GENERAL TERMS AND CONDITION**

This schedule is subject in all respects to the Company's "General Terms and Conditions for Furnishing Electric Service" and the Company's "Electric Service Rules and Regulations."

**APPLICABLE RIDERS**

Administrative Credit  
Delivery Tax Surcharge  
Montgomery County Surcharge  
Maryland Environmental Surcharge  
Bill Stabilization Adjustment  
Empower MD Charge  
Demand Resource Surcharge  
Dynamic Pricing – Peak Energy Savings Credit  
Green Rider  
Economic Relief and Recovery Rider  
MYP Adjustment Rider

**RESIDENTIAL SERVICE - WITH PLUG-IN  
VEHICLE CHARGING SCHEDULE "R-PIV"**

**AVAILABILITY** – Available for Distribution Service and Standard Offer Service when modified by Rider "SOS" in the Maryland portion of the Company's service area for low voltage electric service where the use is primarily for residential purposes and for farm operations where the electricity for both farm and residential purposes is delivered through the same meter.

The service supplied under this Schedule is for Plug-in Vehicle ("PIV") battery charging purposes in addition to the electric requirements for residential purposes and for farm operations as described above. The electricity for PIV battery charging purposes is delivered through the same meter as for both farm and residential purposes.

Not available for residential premises in which five (5) or more rooms are furnished under Schedules "R" and "RTM" for hire.

Not available for seasonal loads metered separately from lighting and other usage in the same occupancy.

Not available for temporary, auxiliary or emergency service.

Customers taking service under Rider "NEM" (Net Energy Metering) are not eligible for Schedule "R-PIV".

**CHARACTER OF SERVICE**

The service supplied under this schedule normally will be alternating current, sixty hertz, either (i) single phase, three wire, 120/240 volts or 120/208 volts, or (ii) three phase, four wire, 120/208 volts.

Service will be supplied from the regular service connection facilities.

**MONTHLY RATE**

Distribution Service Charge	Rate Year 1 Effective June 28, 2021 – March 31, 2022	Rate Year 2 Effective April 1, 2022 – March 31, 2023	Rate Year 3 Effective April 1, 2023 – March 31, 2024
Customer Charge	\$ 8.01	\$ 8.22	\$ 8.22
Kilowatt-Hour Charge (Summer)	\$0.07229	\$0.07592	\$0.07992
Kilowatt-Hour Charge (Winter)	\$0.03572	\$0.03751	\$0.03948

Generation Service Charge	Rate Effective April 1, 2022 – May 31, 2022 Winter	Rate Effective June 1, 2022 – October 31, 2022 Summer	Rate Effective November 1, 2022 – May 31, 2023 Winter
SOS Kilowatt-Hour Charge			
On-Peak	\$0.14941 per kwhr	\$0.10218 per kwhr	\$0.18651 per kwhr
Off-Peak	\$0.04581 per kwhr	\$0.03910 per kwhr	\$0.06056 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge			
On-Peak	\$0.15130 per kwhr	\$0.10407 per kwhr	\$0.18840 per kwhr
Off-Peak	\$0.04770 per kwhr	\$0.04099 per kwhr	\$0.06245 per kwhr

**MONTHLY RATES (Continued)**

Transmission Service Charge	Rate Effective September 1, <del>2021</del> 2022
Kilowatt-Hour Charge (Summer)	\$ <del>0.012960</del> 0.01145
Kilowatt-Hour Charge (Winter)	\$ <del>0.012960</del> 0.01145

**Procurement Cost Adjustment**See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Generation and Transmission Service Charges** – Customers must receive Generation and Transmission Services from the Company under the provisions of Schedule “R-PIV”. Supply Service Charges for Schedule “R-PIV” will be updated to reflect changes to Rider “SOS” rates.

**BILLING MONTHS****Summer** – Billing months of June through October.**Winter** – Billing months of November through May.**RATING PERIODS**

On-peak hours are from 12:00 p.m. to 8 p.m. Monday through Friday excluding holidays falling on weekdays. All other hours are off-peak.

**SUPPLY CAPACITY REQUIREMENT**

Should additional service capacity be required for the “off-peak” service, in excess of that provided for regular service, the customer will pay to the Company an amount equal to the estimated cost of the additional facilities. Such payment must be made prior to the commencement of service under this schedule.

**GROSS RECEIPTS TAX**

A surcharge of 2.0408% is applied to the transmission and distribution components of the customer’s bill to recover the amount attributable to the Gross Receipt’s Tax.

**GENERAL TERMS AND CONDITION**

This schedule is subject in all respects to the Company’s “General Terms and Conditions for Furnishing Electric Service” and the Company’s “Electric Service Rules and Regulations.”

**APPLICABLE RIDERS**

[Administrative Credit](#)  
[Delivery Tax Surcharge](#)  
[Montgomery County Surcharge](#)  
[Maryland Environmental Surcharge](#)  
[Bill Stabilization Adjustment](#)  
[Empower MD Charge](#)  
[Residential Direct Load Control](#)  
[Demand Resource Surcharge](#)  
[Dynamic Pricing – Peak Energy Savings Credit](#)  
[Universal Service Charge Recovery](#)  
[Green Rider](#)  
[Economic Relief and Recovery Rider](#)  
[MYP Adjustment Rider](#)

## STANDARD OFFER SERVICE RIDER "SOS"

### RIDER "SOS" – STANDARD OFFER SERVICE

Available in the Maryland portion of the Company's service area for the provision of Generation and Transmission Services to customers who do not have an alternate supplier for Generation and Transmission Services as defined in the Customer Choice Act, Section 7-510(C)(2).

Standard Offer Service (SOS) is available beginning July 1, 2004 in accordance with the provisions contained in the Maryland Case No. 8908 Settlement Agreements (Phase I and II) approved by the Maryland Public Service Commission in Order Nos. 78400 and 78710 and in the Code of Maryland Regulations (COMAR) 20.52 Electric Standard Offer Service.

### DESCRIPTION OF SOS TYPES

#### Residential

Applicable to customers served on Schedules "R", "R-TM" and "R-TOU-P".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### Type I Non-Residential

Applicable to customers served on Schedules "GS", "T", "SL", "TN", "EV", and "OL".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### Type II Non-Residential

Applicable to customers served on Schedules "MGT LV II" and "MGT 3A II".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

A Customer shall not change Type within the SOS year.

#### Hourly-Priced Service (HPS)

Applicable to customers served on Schedules "MGT LV III", "MGT 3A III", "GT LV", "GT 3A", "GT 3B" and "TM-RT".

Customers may leave or return to Rider "SOS" without penalty by the Company, subject to the Company's General Terms and Conditions.

When a customer purchasing from an alternate supplier, other than the Company, returns or is returned to the Company on or after June 1, 2005, the customer will receive HPS.

A Customer shall not change Type within the SOS year.

**MONTHLY RATE**

Customers receiving Standard Offer Service will pay the Distribution Service Charge, Transmission Service Charge and Generation Service Charge including all applicable riders. The Distribution Service Charges are stated in the Monthly Rates for the Customer's applicable Rate Schedule.

The Standard Offer Service Rate for each Rate Schedule within each SOS Type, including any usage incurred under associated Riders, will include the following components:

1. The seasonally-differentiated and, if applicable, time-of-use differentiated load weighted average of all awarded electric supply prices for specific services in each year.
2. Retail charges designed to recover, on an aggregate basis, FERC-approved transmission charges and any other PJM charges and costs incurred by Pepco.
3. An administrative charge, consisting of incremental, uncollectible and cash working capital cost, an administrative adjustment and a return (included in Generation rates tables below); and;
4. Applicable taxes.

**SOS – Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)**
**Schedule R**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
<b>SOS Kilowatt-hour Charge</b>	\$0.06662 per kwhr	\$0.05586 per kwhr	\$0.08586 per kwhr
<b>Administrative Charge</b>	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>	\$0.06851 per kwhr	\$0.05775 per kwhr	\$0.08775 per kwhr

Transmission Service Charge	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ <del>0.012960</del> <sup>0.01145</sup> per kwhr	\$ <del>0.01296</del> <sup>0.01145</sup> per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate**Schedule R-TM**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
<b>SOS Kilowatt-hour Charge</b>			
On Peak	\$0.06731 per kwhr	\$0.06554 per kwhr	\$0.08732 per kwhr
Intermediate	\$0.06823 per kwhr	\$0.05422 per kwhr	\$0.08896 per kwhr
Off Peak	\$0.06479 per kwhr	\$0.05282 per kwhr	\$0.08402 per kwhr
<b>Administrative Charge</b>	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>			
On Peak	\$0.06920 per kwhr	\$0.06743 per kwhr	\$0.08921 per kwhr
Intermediate	\$0.07012 per kwhr	\$0.05611 per kwhr	\$0.09085 per kwhr
Off Peak	\$0.06668 per kwhr	\$0.05471 per kwhr	\$0.08591 per kwhr

Transmission Service Charge	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ <del>0.013160</del> <sup>0.01148</sup> per kwhr	\$ <del>0.013160</del> <sup>0.01148</sup> per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule R-TOU-P**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22-05/31/23
SOS Kilowatt-hour Charge			
On Peak	\$0.19130 per kwhr	\$0.17866 per kwhr	\$0.24677 per kwhr
Off Peak	\$0.05728 per kwhr	\$0.05117 per kwhr	\$0.07564 per kwhr
Administrative Charge	\$0.00189 per kwhr	\$0.00189 per kwhr	\$0.00189 per kwhr
Total SOS Kilowatt Hour Charge			
On Peak	\$0.19319 per kwhr	<del>\$0.205960-18055</del> per kwhr	<del>\$0.260590-24866</del> per kwhr
Off Peak	\$0.05917 per kwhr	<del>\$0.051100-05306</del> per kwhr	\$0.07753 per kwhr

**Transmission Service Charge****Kilowatt-hour Charge****Procurement Cost Adjustment**

Included in Generation Service Charge  
See [www.pepco.com](http://www.pepco.com) for currently effective rate.

**Note:** Schedule R-TOU-P billing periods are as follows:

Summer – Billing months are June through September, and On-Peak hours will be between the hours of 2:00 pm and 7:00 pm excluding weekends and holidays. All other hours are off-peak.

Winter - Billing months are October through May, and On-Peak hours will be between the hours of 6:00 am and 9:00 am, excluding weekends and holidays. All other hours are off-peak.

**SOS – Type I Non-Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)**

**Schedule GS and EV**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22-05/31/23
SOS Kilowatt-hour Charge	\$0.06190 per kwhr	\$0.05641 per kwhr	\$0.07981 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.06343 per kwhr	\$0.05794 per kwhr	\$0.08134 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	<del>\$0.009090-00770</del> per kwhr	<del>\$0.009090-00770</del> per kwhr

**Procurement Cost Adjustment**

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule T**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.06190 per kwhr	\$0.05641 per kwhr	\$0.07981 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.06343 per kwhr	\$0.05794 per kwhr	\$0.08134 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	<del>\$0.007140-00588</del> per kwhr	<del>\$0.007140-00588</del> per kwhr

**Procurement Cost Adjustment**

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule SL**

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.05670 per kwhr	\$0.04758 per kwhr	\$0.07031 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.05823 per kwhr	\$0.04911 per kwhr	\$0.07184 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$0.00001 per kwhr	\$0.00001 per kwhr

**Procurement Cost Adjustment**

See [www.pepco.com](http://www.pepco.com) for currently effective rate

Date of Issue: ~~May-27~~<sup>July 26</sup>, 2022

Date Effective: Usage on and after  
~~June~~<sup>September</sup> 1,



## MONTHLY RATE (continued)

## Schedule OL

## Mercury Vapor (06/01/22 to 09/30/22)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
175 Watt Lamp	\$0.04911	\$0.210	\$ 73.50	\$ 3.61
250 Watt Lamp	\$0.04911	\$0.290	\$101.50	\$ 4.98
400 Watt Lamp	\$0.04911	\$0.445	\$155.75	\$ 7.65

## Mercury Vapor (10/01/22 to 05/31/23)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
175 Watt Lamp	\$0.07184	\$0.210	\$73.50	\$ 5.28
250 Watt Lamp	\$0.07184	\$0.290	\$101.50	\$ 7.29
400 Watt Lamp	\$0.07184	\$0.445	\$155.75	\$ 11.19

High Pressure Sodium<sup>3</sup> (06/01/22 to 09/30/22)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
100 Watt Lamp	\$0.04911	\$0.120	\$42.00	\$ 2.06
150 Watt Lamp	\$0.04911	\$0.175	\$61.25	\$ 3.01
250 Watt Lamp	\$0.04911	\$0.295	\$103.25	\$ 5.07

## High Pressure Sodium (10/01/22 to 05/31/23)

Generation Rates	\$/kWh Rate <sup>1</sup>	kW/lamp <sup>2</sup>	kWh / mo <sup>3</sup>	\$ Lamp
100 Watt Lamp	\$0.07184	\$0.120	\$42.00	\$ 3.02
150 Watt Lamp	\$0.07184	\$0.175	\$61.25	\$ 4.40
250 Watt Lamp	\$0.07184	\$0.295	\$103.25	\$ 7.42

<sup>1</sup>) Administrative charge included in \$/kWh rate<sup>2</sup>) kW/lamp includes ballast<sup>3</sup>) kWh/month = 4200 Burning Hours / Year \*kW/lamp/12<sup>4</sup>) Winter rates are available after Tranche 3

Transmission Service Charge	Summer	Winter
175 Watt	\$0.00 per lamp	\$0.00 per lamp
250 Watt	\$0.00 per lamp	\$0.00 per lamp
400 Watt	\$0.00 per lamp	\$0.00 per lamp

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

## MONTHLY RATE (continued)

## Schedule TN and Rider SL-TN

Generation Service Charge	04/01/22 – 05/31/22	06/01/22 – 09/30/22	10/01/22 – 05/31/23
SOS Kilowatt-hour Charge	\$0.05749 per kwhr	\$0.05414 per kwhr	\$0.07237 per kwhr
Administrative Charge	\$0.00153 per kwhr	\$0.00153 per kwhr	\$0.00153 per kwhr
Total SOS Kilowatt Hour Charge	\$0.05902 per kwhr	\$0.05567 per kwhr	\$0.07390 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	<del>\$0.005730-00474</del> per kwhr	<del>\$0.005730-00474</del> per kwhr

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

## SOS – Type II Non-Residential (Generation, Transmission including separately calculated GRT, and Procurement Cost Adjustment)

## Schedule MGT LV II

Generation Service Charge	12/01/21 – 02/28/22	03/01/22 – 03/31/22	04/01/22 – 05/31/22	06/01/22 – 08/31/22
SOS Kilowatt-hour Charge				
On-Peak	\$0.12412 per kwhr	\$0.07604 per kwhr	\$0.07604 per kwhr	\$0.15486 per kwhr
Intermediate	\$0.12703 per kwhr	\$0.07675 per kwhr	\$0.07675 per kwhr	\$0.09426 per kwhr
Off-Peak	\$0.11192 per kwhr	\$0.07016 per kwhr	\$0.07016 per kwhr	\$0.09238 per kwhr
Administrative Charge	\$0.00600 per kwhr	\$0.00600 per kwhr	\$0.00155 per kwhr	\$0.00155 per kwhr
Total SOS Kilowatt hour Charge				
On-Peak	\$0.13012 per kwhr	\$0.08204 per kwhr	\$0.07759 per kwhr	\$0.15641 per kwhr
Intermediate	\$0.13303 per kwhr	\$0.08275 per kwhr	\$0.07830 per kwhr	\$0.09581 per kwhr
Off-Peak	\$0.11792 per kwhr	\$0.07616 per kwhr	\$0.07171 per kwhr	\$0.09393 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	<del>\$0.005600-00482</del> per kwhr	<del>\$0.005600-00482</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.23934-0666</del> per kw	
Maximum	<del>\$0.90220-7765</del> per kw	<del>\$0.90220-7765</del> per kw

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate

**Schedule MGT 3A II**

Generation Service Charge	12/01/21 – 02/28/22	03/01/22 – 03/31/22	04/01/22 – 05/31/22	06/01/22 – 08/31/22
<b>SOS Kilowatt-hour Charge</b>				
On-Peak	\$0.12297 per kwhr	\$0.07533 per kwhr	\$0.07533 per kwhr	\$0.15342 per kwhr
Intermediate	\$0.12585 per kwhr	\$0.07603 per kwhr	\$0.07603 per kwhr	\$0.09338 per kwhr
Off-Peak	\$0.11088 per kwhr	\$0.06951 per kwhr	\$0.06951 per kwhr	\$0.09152 per kwhr
Administrative Charge	\$0.00600 per kwhr	\$0.00600 per kwhr	\$0.00155 per kwhr	\$0.00155 per kwhr
<b>Total SOS Kilowatt Hour Charge</b>				
On-Peak	\$0.12897 per kwhr	\$0.08133 per kwhr	\$0.07688 per kwhr	\$0.15497 per kwhr
Intermediate	\$0.13185 per kwhr	\$0.08203 per kwhr	\$0.07758 per kwhr	\$0.09493 per kwhr
Off-Peak	\$0.11688 per kwhr	\$0.07551 per kwhr	\$0.07106 per kwhr	\$0.09307 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	<del>\$0.004850-00454</del> per kwhr	<del>\$0.004850-00454</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.05530-9874</del> per kw	
Maximum	<del>\$0.77620-7262</del> per kw	<del>\$0.77620-7262</del> per kw

Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rate**SOS – Hourly Priced Service (HPS)****Schedules MGT LV III, MGT 3A III, GT LV, GT 3A, GT 3B, and TM-RT****Generation Service Charge****The Hourly Price Service will include:**

- 1. Market Hourly Energy Charge** – The Customer's hourly energy usage, adjusted for applicable losses, multiplied by the hourly energy charge.

The hourly energy charge will consist of the 1) hourly integrated real time fixed nodal weighted aggregate Locational Marginal Price (LMP) values for the Pepco zone, or its successor for the retail load served in Pepco's Maryland service area, as determined and reported by the PJM; 2) An Administrative Charge of between \$0.00225 and \$0.00300 per kwh, any applicable taxes, and other items as provided for in paragraphs 79 and 82 of the Phase I Settlement in Maryland Case No. 8908; and 3) Generation Ancillary Service Charges based on the previous month's average cents per kwh generation ancillary service cost for HPS customers in the Pepco Zone as determined and reported by PJM.

- 2. Monthly Capacity Charge** – Determined by summing over each day during the Customer's billing period the Customer's obligation in MW multiplied by the daily cost per MW of procuring capacity. The daily Capacity procurement cost shall be in dollars per MW-day, based on capacity purchased to cover HPS shortages and any penalties or deficiency charges and broker fees accruing for the day of the calculation.

When a Customer's account does not have interval data, the Customer's historical data will be used to develop the hourly use.

**Transmission Service Charge** – The transmission service charges stated in this SOS – Hourly Priced Service (HPS) section apply only to Type III customers receiving HPS from Pepco.

## Transmission Service Charge

## Schedule MGT LV III

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.004820.00560</del> per kwhr	<del>\$0.004820.00560</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.06661.2393</del> per kw	
Maximum	<del>\$0.77650.9022</del> per kw	<del>\$0.77650.9022</del> per kw

## Schedule MGT 3A III

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.004540.00485</del> per kwhr	<del>\$0.004540.00485</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$0.98741.0553</del> per kw	
Maximum	<del>\$0.72620.7762</del> per kw	<del>\$0.72620.7762</del> per kw

## Schedule GT LV

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.004340.00505</del> per kwhr	<del>\$0.004340.00505</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.14181.3388</del> per kw	
Maximum	<del>\$0.84340.9889</del> per kw	<del>\$0.84340.9889</del> per kw

## Schedule GT 3A

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.003850.00513</del> per kwhr	<del>\$0.003850.00513</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.04291.3900</del> per kw	
Maximum	<del>\$1.03950.7799</del> per kw	<del>\$1.03950.7799</del> per kw

## Schedule GT 3B

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.003590.00427</del> per kwhr	<del>\$0.003590.00427</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$1.11970.9417</del> per kw	
Maximum	<del>\$0.69270.8236</del> per kw	<del>\$0.69270.8236</del> per kw

## Schedule TM-RT

	Summer	Winter
Kilowatt-hour Charge	<del>\$0.002960.00511</del> per kwhr	<del>\$0.002960.00511</del> per kwhr
Kilowatt Charge		
On Peak	<del>\$0.51480.8896</del> per kw	
Maximum	<del>\$0.37030.6399</del> per kw	<del>\$0.37030.6399</del> per kw

The monthly HPS charges shall equal the actual cost of providing energy and capacity supply transmission service, ancillary service, and any other cost element directly related to the Company's HPS load obligation, including an Administrative Charge and applicable taxes.

The Company will determine an Hourly Price Service Procurement Cost Adjustment (HPS – PCA) which will reflect the difference between the actual cost of serving Customers under HPS (including any cost adjustments from the PJM Settlement system) and the amount billed to HPS Customers for the same time period. The Company will determine the HPS-PCA rate by dividing the HPS-PCA amount by the total kilowatt-hour sales of the then current HPS customers. The HPS-PCA rate will be applied to each of the then current HPS customers' sales to determine the credit/charge for the billing month.

At the conclusion of Hourly Price Service on June 1, 2006, any HPS PCA will be returned to, or collected from all Type II Customers regardless of their supplier.

**BILLING MONTHS**

**Summer** – Billing months of June through October

**Winter** – Billing months of November through May.

**RATING PERIODS****Weekdays - (Excluding Holidays)**

On-Peak Period	12:00 noon	to	8:00 p.m.
Intermediate Period	8:00 a.m.	to	12:00 noon
		and	
	8:00 p.m.	to	12:00 midnight
Off-Peak Period	12:00 midnight	to	8:00 a.m.

**Saturdays, Sundays and Holidays**

Off-Peak Period All Hours

**Holidays**

For the purpose of this tariff, holidays will be New Year's Day, Rev. Martin Luther King's Birthday, Presidents' Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day and Christmas Day, as designated by the Federal Government.

**BILLING DEMANDS**

On-Peak (Summer Billing Months Only) - The billing demand shall be the maximum thirty (30) minute demand recorded during the on-peak period of the billing month.

Maximum (All Months) - The billing demand shall be the maximum thirty (30) minute demand recorded during the billing month.

**PROCUREMENT COST ADJUSTMENT**

In addition to the Standard Offer Service rates shown above, for Residential, Type I, and Type II customers (excludes HPS customers) there will be a monthly Procurement Cost Adjustment (PCA) shown as a separate line item on the Customer's bill. Refer to HPS for the Hourly Priced Service Procurement Cost Adjustment (HPS-PCA).

The PCA is a \$ per kilowatt-hour rate applied to the Customer's billed kilowatt-hours.

The PCA is an adjustment made in order to true-up the rates customers are billed to reflect the Company's actual costs of providing Standard Offer Service.

A true-up adjustment will be made to the PCA at least three (3) times per year- effective with the June, November and February billing months. These true-ups will revise the PCA based on actual and forecasted collections of SOS revenues by SOS Type and the actual and forecasted cost of providing Standard Offer Service.

The current applicable PCA rate by SOS Type is available on the Company's website at [www.pepco.com](http://www.pepco.com).

**PUBLICATION OF PRICES**

The Standard Offer Service Rates shown in this Rider are posted on the Company's website at [www.pepco.com](http://www.pepco.com).

The market hourly Locational Marginal Prices used for HPS are available on the PJM website at [www.pjm.com](http://www.pjm.com).

## **Attachment B**

Potomac Electric Power Company  
Maryland  
July 26, 2022 Retail Transmission Rate Filing

Attachment B  
Page 1 of 1

Transmission Revenue Requirement  
Change in FERC Formula Rate Effective 6/1/2022  
Twelve Months Ended December 2021

(1) Transmission Enhancement Charge (\$/kW)	\$	8.72	Source: See Attachment C, Page 5 of 5, Column (I), Line (245), divided by 1000.
(2) Network Service Transmission Rate (\$/kW)	\$	35.72	Source: See Attachment D, Page 1 of 1, Line (10) divided by 1000.
(3) June 2022 - May 2023 EL05-121 Settlement Adjustments (\$/kW)	\$	1.96	Source: See Attachment E, Page 1 of 1, Column (B), Line (7), divided by 1000.
(4) Total Wholesale Transmission Rate (\$/kW)	\$	46.40	Calculation: Line (4) = Line (1) + Line (2) + Line (3)
(5) Total Wholesale Transmission Rate (\$/MW)	\$	46,398.62	Calculation: Line (5) = Line (4) X 1,000
(6) Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)		5,829	Source: PJM Network Transmission Service Peak Loads for 2022
(7) Pepco Zone - June 2022 to May 2023 Transmission Revenue Requirement	\$	270,457,561.59	Calculation: Line (7) = Line (5) x Line (6)

	(A) Annualized Current Retail Transmission Revenue	(B) Transmission Peak Load Contribution (kW)	(C) Transmission Enhancement Charge (\$/kW)	(D) Network Service Transmission Rate (\$/kW)	(E) June 2022 - May 2023 EL05-121 Settlement Adjustments (\$/kW)	(F) = (C) + (D) + (E) Total Transmission Rate (\$/kW)	(G) = (B) x (F) Annualized Proposed Retail Transmission Revenue	(H) = (G) - (A) \$ Increase / (Decrease)	(I) = (H) / (A) % Increase / (Decrease)
<b>Residential</b>									
(8) Residential	\$ 55,875,646.73	1,363,368.63	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 63,258,424.30	\$ 7,382,777.56	13.21%
(9) RTM	\$ 10,034,253.94	247,976.99	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 11,505,790.37	\$ 1,471,536.43	14.67%
(10) Subtotal Residential	\$ 65,909,900.67	1,611,345.62					\$ 74,764,214.66	\$ 8,854,313.99	
<b>Small Commercial</b>									
(11) GS & EV	\$ 2,552,889.56	64,947.84	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 3,013,490.21	\$ 460,600.65	18.04%
(12) T	\$ 75,232.99	1,968.15	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 91,319.45	\$ 16,086.45	21.38%
(13) SL	\$ 589.29	15.45	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 716.86	\$ 127.57	21.65%
(14) OL	\$ -	-	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ -	\$ -	0.00%
(15) TN	\$ 83,607.68	2,178.76	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 101,091.46	\$ 17,483.77	20.91%
(16) Subtotal Small Commercial	\$ 2,712,319.53	69,110.20					\$ 3,206,617.97	\$ 494,298.44	
<b>Large Commercial</b>									
(17) MGT-LV	\$ 32,974,854.11	825,777.86	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 38,314,953.93	\$ 5,340,099.82	16.19%
(18) MGT-3A	\$ 709,471.97	16,342.95	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 758,290.34	\$ 48,818.37	6.88%
(19) GT-LV	\$ 7,048,388.85	178,113.80	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 8,264,234.69	\$ 1,215,845.85	17.25%
(20) GT-3A	\$ 9,587,406.25	275,411.37	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 12,778,707.77	\$ 3,191,301.52	33.29%
(21) GT-3B	\$ 1,607,134.67	41,184.96	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 1,910,925.35	\$ 303,790.68	18.90%
(22) RT	\$ 964,356.48	35,914.24	\$ 8.72	\$ 35.72	\$ 1.96	\$ 46.40	\$ 1,666,371.21	\$ 702,014.73	72.80%
(23) Subtotal Large Commercial	\$ 52,891,612.33	1,372,745.18					\$ 63,693,483.29	\$ 10,801,870.96	
(24) Total Jurisdiction	\$ 121,513,832.53	3,053,201.00					\$ 141,664,315.92	\$ 20,150,483.39	16.58%

**Notes:**

(A) Source: See Attachment F, Page 1 to 13 of 14, Column (C), Total Transmission Present Revenue for each Rate Schedule.

(B) Source: See Attachment F, Page 14 of 14, Column (B) for each Rate Schedule.

## **Attachment C**



PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Non-Pepco Zone Required Transmission Enhancement

(A)		(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
PATH		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(1) Amos-Bedington 765 kV Circuit (AEP)		b0490.b0491	\$ 416,096	- \$	\$ 416,096	3.71%	\$ 15,437	5,829	\$ 2.65
(2) Amos-Bedington 765 kV Circuit (APSI)		b0490.b0491_dflax	\$ 416,096	- \$	\$ 416,096	6.11%	\$ 25,423	5,829	\$ 4.36
(3) Bedington-Kempdown 500 kV Circuit		b0492.b0560	\$ 430,458	- \$	\$ 430,458	3.71%	\$ 15,970	5,829	\$ 2.74
(4)		b0492.b0560_dflax	\$ 430,458	- \$	\$ 430,458	6.11%	\$ 26,301	5,829	\$ 4.51
(5) PATH - Total			\$ 1,693,108	- \$	\$ 1,693,108		\$ 83,132		\$ 14.26

(A)		(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
TriALCo		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(6) 202 Junction-Mt Storm-Meadowbrook (n=500kV) - C/N/P		b0347.1.b0392.b0347.1.b0347.2.b0347.3.b0347.4	\$ 54,156,794	- \$	\$ 54,156,794	3.71%	\$ 2,009,217	5,829	\$ 344.69
(7)		b0328.1_dflax	\$ -	- \$	\$ -	11.78%	\$ -	5,829	\$ -
(8)		b0328.2_dflax	\$ 2,594,110	- \$	\$ 2,594,110	11.78%	\$ 305,586	5,829	\$ 52.43
(9)		b0347.1_dflax	\$ 11,979,483	- \$	\$ 11,979,483	31.93%	\$ 3,825,049	5,829	\$ 656.21
(10)		b0347.2_dflax	\$ 35,077,356	- \$	\$ 35,077,356	14.15%	\$ 4,963,446	5,829	\$ 851.51
(11)		b0347.3_dflax	\$ 3,303,564	- \$	\$ 3,303,564	31.93%	\$ 1,054,828	5,829	\$ 180.96
(12)		b0347.4_dflax	\$ 1,202,281	- \$	\$ 1,202,281	14.15%	\$ 170,123	5,829	\$ 29.19
(13) Black Oak		b0216	\$ 2,317,090	- \$	\$ 2,317,090	3.71%	\$ 85,964	5,829	\$ 14.75
(14)		b0216_dflax	\$ 2,317,090	- \$	\$ 2,317,090	19.20%	\$ 379,759	5,829	\$ 64.64
(15) install 4th Meadowbrook 500/135kV Transformer		b0230	\$ (582,138)	- \$	\$ (582,138)	3.95%	\$ (22,994)	5,829	\$ (3.94)
(16) install 200 MVAR capacitor at Meadow Brook 500 kV substation		b0559	\$ 327,214	- \$	\$ 327,214	3.71%	\$ 12,140	5,829	\$ 2.08
(17)		b0559_dflax	\$ 327,214	- \$	\$ 327,214	14.15%	\$ 46,301	5,829	\$ 7.94
(18) install fourth Bedington 600/138 kV		b0229	\$ 703,909	- \$	\$ 703,909	17.64%	\$ 124,170	5,829	\$ 21.30
(19) Replace existing Kammer 765/500 kV transformer with a new larger transformer		b0495	\$ 1,832,881	- \$	\$ 1,832,881	3.71%	\$ 68,000	5,829	\$ 11.67
(20)		b0495_dflax	\$ 1,832,881	- \$	\$ 1,832,881	49.70%	\$ 892,813	5,829	\$ 153.13
(21) Doubts - Replace 500/230 kV Transformer #4		b0345	\$ 605,727	- \$	\$ 605,727	35.20%	\$ 213,218	5,829	\$ 36.58
(22) Replace Doubts 500/230 kV transformer #3		b0344	\$ 360,773	- \$	\$ 360,773	35.20%	\$ 134,032	5,829	\$ 22.99
(23) Replace Doubts 500/230 kV transformer #2		b0343	\$ 487,348	- \$	\$ 487,348	35.19%	\$ 171,498	5,829	\$ 29.42
(24) Upgrade Conemaugh 500/230 kV transformer and add a new line from Conemaugh - Seward		b1153	\$ 2,945,595	- \$	\$ 2,945,595	0.55%	\$ 16,201	5,829	\$ 2.78
(25) Build a 300 MVAR Switched Shunt at Doubts 500 kV and increase (+50 MVAR) in size the existing Switched Shunt at		b1803	\$ 255,000	- \$	\$ 255,000	3.71%	\$ 9,461	5,829	\$ 1.62
(26) Doubts 500 kV		b1803_dflax	\$ 255,000	- \$	\$ 255,000	13.68%	\$ 34,884	5,829	\$ 5.98
(27) install a 500 MVAR SVC at the existing Hartestown 500 kV substation		b1800	\$ 2,246,867	- \$	\$ 2,246,867	3.71%	\$ 83,359	5,829	\$ 14.30
(28) install 300 MVAR capacitor at Conemaugh 500 kV substation		b1800_dflax	\$ 2,246,867	- \$	\$ 2,246,867	0.60%	\$ -	5,829	\$ -
(29)		b1804	\$ 3,803,881	- \$	\$ 3,803,881	3.71%	\$ 141,124	5,829	\$ 24.21
(30) install a new 600 MVAR SVC at Meadowbrook 500 kV		b1804_dflax	\$ 3,803,881	- \$	\$ 3,803,881		\$ 638,249	5,829	\$ 92.34
(31) TriALCo Totals			\$ 134,420,671	- \$	\$ 134,420,671		\$ 15,283,223		\$ 2,616.76

PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Non-Peppo Zone Required Transmission Enhancement

(A)		(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
Dominion Virginia Power		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Peppo Zone Share	Peppo Zone Charges	Peppo Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(32)	Upgrade Mt. Storm - Double 500kV	b0217	\$ 109,683	\$ -	\$ 109,683	\$ 4,002	\$ 4,002	\$ 5,820	\$ 0.70
(33)		b0217_dflax	\$ 109,683	\$ -	\$ 109,683	\$ 13,683	\$ 15,005	\$ 5,820	\$ 2.57
(34)	Install 150 MVAR capacitor at Loudoun 500 kV	b0222	\$ 89,835	\$ -	\$ 89,835	\$ 3,711	\$ 3,333	\$ 5,820	\$ 0.57
(35)		b0222_dflax	\$ 89,835	\$ -	\$ 89,835	\$ 17,769	\$ 10,583	\$ 5,820	\$ 1.82
(36)	2nd Dooms 500/230 kV transformer addition	b0403	\$ 929,553	\$ -	\$ 929,553	\$ 7,391	\$ 68,694	\$ 5,820	\$ 11.78
(37)	Install 500 kV breakers & 500 kV bus work at Suffolk	b0231	\$ 1,183,526	\$ -	\$ 1,183,526	\$ 3,711	\$ 43,909	\$ 5,820	\$ 7.53
(38)	Install 500/230 kV transformer at Bristers; build new 230 kV Bristers-Gainsville circuit; upgrade two Loudoun-Brambleton circuits	b0227	\$ 2,290,744	\$ -	\$ 2,290,744	\$ 12,201	\$ 270,471	\$ 5,820	\$ 47.94
(39)	Add 2nd Endless Gaverns 230/115 kV transformer	b0455	\$ 370,827	\$ -	\$ 370,827	\$ 7,876	\$ 28,442	\$ 5,820	\$ 4.88
(40)	Install 500/230 kV transformer at Clifton and Clifton 500 kV 150 MVAR capacitor	b0225	\$ 911,685	\$ -	\$ 911,685	\$ 7,051	\$ 64,183	\$ 5,820	\$ 11.01
(41)	Reconductor 9.4 miles of Edinburg - Mt. Jackson 115 kV	b0456	\$ 529,496	\$ -	\$ 529,496	\$ 14,059	\$ 74,394	\$ 5,820	\$ 12.76
(42)	Reconductor the Dickerson - Pleasant View 230 kV circuit	b0328	\$ 13,718,807	\$ -	\$ 13,718,807	\$ 3,711	\$ 508,968	\$ 5,820	\$ 87.32
(43)	Install Meadow Brook - Loudoun 500 kV Circuit	b0328.1_dflax	\$ 13,718,807	\$ -	\$ 13,718,807	\$ 17,769	\$ 1,618,075	\$ 5,820	\$ 277.25
(44)	Add Soweig 230/115 kV transformer	b0453.3	\$ 388,327	\$ -	\$ 388,327	\$ 3,861	\$ 14,989	\$ 5,820	\$ 2.57
(45)	Replace existing MCO on the 500 kV side of the transformer with a circuit breaker	b0867	\$ 42,261	\$ -	\$ 42,261	\$ 3,711	\$ 1,988	\$ 5,820	\$ 0.27
(46)	Install Hemsburg/Veley 230 kV Circuit	b0397	\$ 682,655	\$ -	\$ 682,655	\$ 4,031	\$ 27,511	\$ 5,820	\$ 4.72
(47)	Build Carson - Suffolk 500 kV; install 2nd Suffolk 500/230 kV transformer & build Suffolk - Fentress 230 kV circuit	b0329.2B	\$ 9,968,897	\$ -	\$ 9,968,897	\$ 3,711	\$ 369,772	\$ 5,820	\$ 63.44
(48)	Reconductor the Dickerson - Pleasant View 230 kV circuit	b0467.2	\$ 630,649	\$ -	\$ 630,649	\$ 47,869	\$ 263,990	\$ 5,820	\$ 45.29
(49)	Upgrade Mt. Storm 500 kV substation	b0328.3	\$ 830,647	\$ -	\$ 830,647	\$ 3,711	\$ 30,817	\$ 5,820	\$ 5.29
(50)		b0328.3_dflax	\$ 830,647	\$ -	\$ 830,647	\$ 14,159	\$ 117,537	\$ 5,820	\$ 20.16
(51)	Upgrade Loudoun 500 kV substation	b0328.4	\$ 189,498	\$ -	\$ 189,498	\$ 3,711	\$ 7,038	\$ 5,820	\$ 1.21
(52)		b0328.4_dflax	\$ 189,498	\$ -	\$ 189,498	\$ 17,769	\$ 22,323	\$ 5,820	\$ 3.83
(53)	Convert Remington - Soweig 115 kV to 230 kV	b0453.1	\$ 174,133	\$ -	\$ 174,133	\$ 3,861	\$ 6,722	\$ 5,820	\$ 1.15
(54)	Add Soweig - Gainsville 230 kV	b0453.2	\$ 1,554,056	\$ -	\$ 1,554,056	\$ 3,861	\$ 59,987	\$ 5,820	\$ 10.29
(55)	Rebuild Mt. Storm - Double 500 kV	b1507	\$ 19,674,605	\$ -	\$ 19,674,605	\$ 3,711	\$ 729,928	\$ 5,820	\$ 125.22
(56)		b1507_dflax	\$ 19,674,605	\$ -	\$ 19,674,605	\$ 13,683	\$ 2,691,496	\$ 5,820	\$ 461.74
(57)	Replace both wave traps on Dooms - Lexington 500 kV	b0457	\$ 6,217	\$ -	\$ 6,217	\$ 3,711	\$ 23	\$ 5,820	\$ 0.04
(58)		b0457_dflax	\$ 6,217	\$ -	\$ 6,217	\$ 14,411	\$ 898	\$ 5,820	\$ 0.15
(59)	Replace wave traps on North Anne to Ladysmith 500 kV	b0784	\$ 4,312	\$ -	\$ 4,312	\$ 3,711	\$ 160	\$ 5,820	\$ 0.03
(60)		b0784_dflax	\$ 4,312	\$ -	\$ 4,312	\$ 5,769	\$ 290	\$ 5,820	\$ 0.04
(61)	Install 2nd Clover 500/230 kV Transformer and a 150MVA capacitor	b1224	\$ 1,666,166	\$ -	\$ 1,666,166	\$ 1,124	\$ 183,945	\$ 5,820	\$ 31.96
(62)	Upgrade the name plate rating at Morrisville 500 kV breaker H11573 with 50 kA breaker	b1647	\$ 951	\$ -	\$ 951	\$ 3,711	\$ 36	\$ 5,820	\$ 0.01
(63)	Upgrade the name plate rating at Morrisville 500 kV breaker H21545 with 50 kA breaker	b1648	\$ 951	\$ -	\$ 951	\$ 3,711	\$ 36	\$ 5,820	\$ 0.01
(64)	Replace Morrisville 500 kV breaker H11586 with 50 kA breaker	b1945	\$ 50,186	\$ -	\$ 50,186	\$ 3,711	\$ 1,862	\$ 5,820	\$ 0.32
(65)	Replace Morrisville 500 kV breaker H21569 with 50 kA breaker	b1650	\$ 50,186	\$ -	\$ 50,186	\$ 3,711	\$ 1,862	\$ 5,820	\$ 0.32
(66)	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	b1188.9	\$ 1,506,650	\$ -	\$ 1,506,650	\$ 14,260	\$ 281,424	\$ 5,820	\$ 48.26
(67)	Build new Brambleton 500 kV three breaker ring connected to the Loudoun to Pleasant View 500 kV line	b1188	\$ 82,526	\$ -	\$ 82,526	\$ 3,711	\$ 3,077	\$ 5,820	\$ 0.53
(68)	Build a new 230 kV line North Anna - Oak Green and install a 234 MVA 230/115 kV transformer at Oak Green	b1521	\$ 4,557,752	\$ -	\$ 4,557,752	\$ 1,199	\$ 54,237	\$ 5,820	\$ 9.30
(69)	Rebuild two 500 kV breakers at Chambers 500 kV	b0786.1	\$ 246,951	\$ -	\$ 246,951	\$ 3,711	\$ 1,164	\$ 5,820	\$ 0.17
(70)	Rebuild and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV	b1797	\$ 1,097,041	\$ -	\$ 1,097,041	\$ 3,711	\$ 48,700	\$ 5,820	\$ 6.98
(71)		b1797_dflax	\$ 1,097,041	\$ -	\$ 1,097,041	\$ 38,939	\$ 427,078	\$ 5,820	\$ 73.27
(72)	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	b1799	\$ 1,586,772	\$ -	\$ 1,586,772	\$ 3,711	\$ 54,869	\$ 5,820	\$ 10.10
(73)		b1799_dflax	\$ 1,586,772	\$ -	\$ 1,586,772	\$ 1,461	\$ 23,167	\$ 5,820	\$ 3.97
(74)	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	b1798	\$ 6,721,435	\$ -	\$ 6,721,435	\$ 3,711	\$ 248,365	\$ 5,820	\$ 42.78
(75)		b1798_dflax	\$ 6,721,435	\$ -	\$ 6,721,435	\$ 17,769	\$ 791,785	\$ 5,820	\$ 135.84
(76)	Install a 250 MVAR SVC at the existing Mt. Storm 500kV substation	b1805	\$ 2,242,336	\$ -	\$ 2,242,336	\$ 3,711	\$ 83,191	\$ 5,820	\$ 14.27
(77)		b1805_dflax	\$ 2,242,336	\$ -	\$ 2,242,336	\$ 31,939	\$ 715,978	\$ 5,820	\$ 122.83
(78)	Rebuild Lexington - Dooms 500 kV	b1908.1	\$ 622,831	\$ -	\$ 622,831	\$ 3,711	\$ 23,107	\$ 5,820	\$ 3.98
(79)		b1908	\$ 7,705,661	\$ -	\$ 7,705,661	\$ 3,711	\$ 285,880	\$ 5,820	\$ 48.04
(80)		b1908_dflax	\$ 7,705,661	\$ -	\$ 7,705,661	\$ 14,411	\$ 1,110,386	\$ 5,820	\$ 190.49
(81)	Surry 500 kV Station Work	b1905.2	\$ 117,296	\$ -	\$ 117,296	\$ 3,711	\$ 5,351	\$ 5,820	\$ 0.75
(82)	Install a 3rd 500/230 kV transformer at Brambleton	b1698	\$ 2,732,826	\$ -	\$ 2,732,826	\$ 22,041	\$ 802,315	\$ 5,820	\$ 103.33
(83)	Install a 3rd 500/230 kV TX at Clover	b1907	\$ 2,368,610	\$ -	\$ 2,368,610	\$ 7,641	\$ 180,962	\$ 5,820	\$ 31.05
(84)	Reconductor line #2104 (Fredericksburg - Clanes Corner 230 kV)	b1701	\$ 395,180	\$ -	\$ 395,180	\$ 17,099	\$ 67,538	\$ 5,820	\$ 11.59
(85)	Rebuild and rebuild 2.1 mile section of Line #11 section between Gordonsville and Somerset	b1791	\$ 424,167	\$ -	\$ 424,167	\$ 9,541	\$ 40,465	\$ 5,820	\$ 6.94
(86)	Rebuild Loudoun - Brambleton 500 kV; Rebuild Loudoun - Brambleton 500 kV	b1694	\$ 2,624,592	\$ -	\$ 2,624,592	\$ 3,711	\$ 109,502	\$ 5,820	\$ 18.81
(87)		b1694_dflax	\$ 2,624,592	\$ -	\$ 2,624,592	\$ 13,411	\$ 392,188	\$ 5,820	\$ 67.28
(88)	Add a second Valley 500/230 kV TX	b1911	\$ 2,760,194	\$ -	\$ 2,760,194	\$ 7,931	\$ 218,853	\$ 5,820	\$ 37.55
(89)	Replace Midlothian 500 kV breaker #631576 and motor operated switches with 3 breaker 500 kV ring bus	b2471	\$ 491,985	\$ -	\$ 491,985	\$ 3,711	\$ 15,253	\$ 5,820	\$ 3.13
(90)	Surry to Skiffles Creek 500 kV line	b1905.1	\$ 15,682,742	\$ -	\$ 15,682,742	\$ 3,711	\$ 581,830	\$ 5,820	\$ 99.82
(91)	Wheatston 230 kV breakers	b1905.5	\$ 627,967	\$ -	\$ 627,967	\$ 0.169	\$ 1,005	\$ 5,820	\$ 0.17
(92)	Replace the 150/60/230 kV breaker	b1695	\$ 675,491	\$ -	\$ 675,491	\$ 1,341	\$ 10,650	\$ 5,820	\$ 17.59
(93)	Skiffles Creek 500/230 kV TX and Switching Station	b1905.3	\$ 11,817,963	\$ -	\$ 11,817,963	\$ 0.169	\$ 18,909	\$ 5,820	\$ 3.24
(94)	New Skiffles Creek - Wheatston 230 kV line	b1905.4	\$ 9,082,618	\$ -	\$ 9,082,618	\$ 0.169	\$ 14,532	\$ 5,820	\$ 2.49
(95)	Rebuild the Carson - Rogers Rd 500 kV circuit	b2744	\$ 2,012,176	\$ -	\$ 2,012,176	\$ 3,711	\$ 74,652	\$ 5,820	\$ 12.81
(96)		b2744_dflax	\$ 2,012,176	\$ -	\$ 2,012,176	\$ 6,311	\$ 106,847	\$ 5,820	\$ 18.33
(97)		b2443	\$ -	\$ -	\$ -	\$ 2,711	\$ -	\$ 5,820	\$ -
(98)		b1905.6	\$ 161,773	\$ -	\$ 161,773	\$ 0.169	\$ 259	\$ 5,820	\$ 0.04
(99)		b1905.7	\$ 16,315	\$ -	\$ 16,315	\$ 0.169	\$ 26	\$ 5,820	\$ 0.00
(100)		b1905.9	\$ 10,148	\$ -	\$ 10,148	\$ 0.169	\$ 18	\$ 5,820	\$ 0.00
(101)		b2373	\$ 2,784,047	\$ -	\$ 2,784,047	\$ 3,711	\$ 103,288	\$ 5,820	\$ 17.72
(102)		b2729	\$ 1,050,376	\$ -	\$ 1,050,376	\$ 20,239	\$ 212,491	\$ 5,820	\$ 36.45
(103)		b2665	\$ 5,608,514	\$ -	\$ 5,608,514	\$ 3,711	\$ 206,076	\$ 5,820	\$ 35.70
(104)		b2665_dflax	\$ 5,608,514	\$ -	\$ 5,608,514	\$ 27,829	\$ 1,680,289	\$ 5,820	\$ 287.88
(105)		b2758	\$ 3,945,260	\$ -	\$ 3,945,260	\$ 3,711	\$ 148,369	\$ 5,820	\$ 25.11
(106)		b2528	\$ 1,891,258	\$ -	\$ 1,891,258	\$ 3,711	\$ 70,196	\$ 5,820	\$ 12.04
(107)		b2960.1	\$ 1,139,805	\$ -	\$ 1,139,805	\$ 3,711	\$ 42,261	\$ 5,820	\$ 7.25
(108)		b2960.1_dflax	\$ 1,139,805	\$ -	\$ 1,139,805	\$ 76,539	\$ 872,293	\$ 5,820	\$ 149.65
(109)		b2960.2	\$ 1,015,007	\$ -	\$ 1,015,007	\$ 3,711	\$ 37,657	\$ 5,820	\$ 6.46
(110)		b2960.2_dflax	\$ 1,015,007	\$ -	\$ 1,015,007	\$ 3,501	\$ 35,553	\$ 5,820	\$ 6.09
(111)		b2582	\$ 5,385,440	\$ -	\$ 5,385,440	\$ 3,711	\$ 199,800	\$ 5,820	\$ 34.28
(112)		b2582_dflax	\$ 5,385,440	\$ -	\$ 5,385,440	\$ 0.411	\$ 588,773	\$ 5,820	\$ 98.94
(113)		b2978	\$ 6,052,505	\$ -	\$ 6,052,505	\$ 3,711	\$ 187,448	\$ 5,820	\$ 32.16
(114)		b2759	\$ 15,968,779	\$ -	\$ 15,968,779	\$ 3,711	\$ 592,442	\$ 5,820	\$ 101.64
(115)		b3078	\$ 7,715,713	\$ -	\$ 7,715,713	\$ 3,711	\$ 63,651	\$ 5,820	\$ 10.92
(116)		b3079	\$ 1,715,713	\$ -	\$ 1,715,713	\$ 6,521	\$ 111,864	\$ 5,820	\$ 19.19
(117)		b3079_dflax	\$ 1,715,713	\$ -	\$ 1,715,713	\$ 6,521	\$ 111,864	\$ 5,820	\$ 19.19
Dominion Virginia Power - Totals			\$ 253,286,243	\$ -	\$ 253,286,243	\$ 18,796,130	\$ 18,796,130	\$ 3,224	\$ 5,820

PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Non-Pepco Zone Required Transmission Enhancement

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
	PSEG	PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(118)	Drop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 1,145,785	\$ -	\$ 1,145,785	3.71%	\$ 42,857	5,820	\$ 7.32
(119)	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland	b0489	\$ 37,503,620	\$ -	\$ 37,503,620	3.71%	\$ 1,391,384	5,820	\$ 238.70
(120)	Replace wave trap at Branchburg 500 kV	b0172.2	\$ 1,160	\$ -	\$ 1,160	3.71%	\$ 43	5,820	\$ 0.01
(121)	Reconductor Hudson - South Waterford 230 kV	b0813	\$ 821,431	\$ -	\$ 821,431	1.11%	\$ 9,118	5,820	\$ 1.56
(122)	Replace Roseland 230 kV breakers 12H, 51H, 71H, 31H and 11H with 80 kA	b0489.5-9	\$ 281,100	\$ -	\$ 281,100	3.71%	\$ 10,429	5,820	\$ 1.79
(123)	Replace Salem 500 kV breakers 11X, 12X, 20X, 21X, 31X, 31X, and 32X	b0115.1-15.15	\$ 755,196	\$ -	\$ 755,196	3.71%	\$ 28,018	5,820	\$ 4.81
(124)	Install 400 MVAR capacitor in the Branchburg 500 kV vicinity	b0290	\$ 3,573,044	\$ -	\$ 3,573,044	3.71%	\$ 132,560	5,820	\$ 22.74
(125)	Build two new parallel underground circuits from Gloucester to Camden	b1389	\$ 43,481,144	\$ -	\$ 43,481,144	0.57%	\$ 247,843	5,820	\$ 42.52
(126)	Convert D1304 and G1307 118KV to 230KV, expand Bergen sub, reconfigure Athena sub, build 2nd 230 KV UG cable	b1304.1-4	\$ 63,153,241	\$ -	\$ 63,153,241	1.04%	\$ 656,794	5,820	\$ 112.68
(127)	From Bergen to Athena build 2nd 230 KV UG cable from Hudson to S. Waterford.	b0436.21	\$ 3,442,796	\$ -	\$ 3,442,796	3.71%	\$ 127,728	5,820	\$ 21.91
(128)	Convert the Marion - Bayonne "L" 138KV circuit to 345 kV and any associated substation upgrades	b02436.22	\$ 2,545,740	\$ -	\$ 2,545,740	3.71%	\$ 84,585	5,820	\$ 16.23
(129)	Reconfigure the OHI portion of Linden - North Ave. "T" 138 kV circuit to 345KV	b02436.81	\$ 2,863,599	\$ -	\$ 2,863,599	3.71%	\$ 106,240	5,820	\$ 18.23
(130)	Convert the Bayway - Linden "M" 138KV circuit to 345 kV and any associated substation upgrades	b02436.83	\$ 2,863,599	\$ -	\$ 2,863,599	3.71%	\$ 106,240	5,820	\$ 18.23
(131)	Reconfigure Farrel - Hudson "G" and "N" 345 kV circuits to Marion 345 kV and any assoc substation upgrades	b02436.90	\$ 1,595,148	\$ -	\$ 1,595,148	3.71%	\$ 59,323	5,820	\$ 10.18
(132)	Upgrade the PSEG portion of the Camden - Richmond 230 kV circuit to six wire conductor	b1560	\$ 1,109,827	\$ -	\$ 1,109,827	1.93%	\$ 21,420	5,820	\$ 3.67
(133)	Convert the Bergen - Marion 138 kV circuit to double circuit 345 kV and associated substation upgrades	b2436.10	\$ 9,158,424	\$ -	\$ 9,158,424	3.71%	\$ 339,778	5,820	\$ 58.29
(134)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.84	\$ 2,774,821	\$ -	\$ 2,774,821	3.71%	\$ 102,948	5,820	\$ 17.66
(135)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.85	\$ 2,774,821	\$ -	\$ 2,774,821	3.71%	\$ 102,948	5,820	\$ 17.66
(136)	Install 300 MVAR capacitor at Coremough 500 kV substation	b2702	\$ 55,914	\$ -	\$ 55,914	3.71%	\$ 2,074	5,820	\$ 0.36
(137)	Install a 300 MVAR reactor at Coremough 500 kV substation	b2702	\$ 1,188,520	\$ -	\$ 1,188,520	3.71%	\$ 44,094	5,820	\$ 7.56
(138)	Install a 300 MVAR reactor at Roseland 500 kV	b2633.4	\$ 2,964,684	\$ -	\$ 2,964,684	3.71%	\$ 109,990	5,820	\$ 18.87
(140)	<b>PSEG - Totals</b>		<b>\$ 184,065,698</b>	<b>\$ -</b>	<b>\$ 184,065,698</b>		<b>\$ 3,734,222</b>		<b>\$ 646.97</b>

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
	PPL Electric Utilities Corp. dba PPL Utilities	PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(141)	Build new 500 kV transmission facilities from Susquehanna to Pennsylvania - New Jersey border at Bushkill	b0487	\$ 31,253,717	\$ -	\$ 31,253,717	3.71%	\$ 1,156,513	5,820	\$ 198.92
(142)	Replace wave trap at Honesdale 500KV substation to increase rating of Elroy - Honesdale 500 kV	b0171.2	\$ 3,487	\$ -	\$ 3,487	3.71%	\$ 129	5,820	\$ 0.02
(143)	Replace wave trap at Alburtis 500KV substation	b0172.1	\$ 2,501	\$ -	\$ 2,501	3.71%	\$ 93	5,820	\$ 0.02
(144)	Replace two wave traps at Janelta 500 kV - on the two Janelta - Ayrdate 500KV	b0264.2	\$ 3,082	\$ -	\$ 3,082	3.71%	\$ 109	5,820	\$ 0.03
(145)	Install North Lancaster 500/230 kV sub (500 kV portion)	b2006.1	\$ 1,999,623	\$ -	\$ 1,999,623	3.71%	\$ 74,188	5,820	\$ 12.73
(146)	150 MVAR shunt reactor at Alburtis 500 kV	b2237	\$ 720,810	\$ -	\$ 720,810	3.71%	\$ 26,742	5,820	\$ 4.59
(147)		b2716	\$ 680,597	\$ -	\$ 680,597	3.71%	\$ 25,299	5,820	\$ 4.35
(148)		b2624	\$ 824,922	\$ -	\$ 824,922	3.71%	\$ 30,803	5,820	\$ 5.25
(149)	PPL Electric Utilities Corp. dba PPL Utilities - Totals		\$ 35,490,717	\$ -	\$ 35,490,717		\$ 1,316,706		\$ 225.89

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
	Baltimore Gas & Electric	PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(150)	Replace both Conastone 500/230 kV transformers with larger transformers	b0298	\$ 5,861,805	\$ -	\$ 5,861,805	7.88%	\$ 461,910	5,820	\$ 79.24
(151)	Install a 4th Waugh 500/230 kV transformer, terminate the transformer in a new 500 kV bay and operate the existing in-service transformer on standby	b0244	\$ 4,370,626	\$ -	\$ 4,370,626	13.61%	\$ 594,842	5,820	\$ 102.05
(152)	Replace the Waugh Chapel 500/230 kV transformer #1 with three single phase transformers	b0477	\$ 2,799,443	\$ -	\$ 2,799,443	4.01%	\$ 112,258	5,820	\$ 19.26
(153)	Rebuild Gracetown-Bagley 230 kV as double circuit line	b1076	\$ 11,022,811	\$ -	\$ 11,022,811	0.66%	\$ 734,118	5,820	\$ 125.94
(154)	Build a second Raphael - Bagley 230 kV	b1251	\$ 2,957,998	\$ -	\$ 2,957,998	5.21%	\$ 154,112	5,820	\$ 26.44
(155)	Re-build the existing Raphael-Bagley 230 kV	b1251.1	\$ 3,711,361	\$ -	\$ 3,711,361	5.21%	\$ 193,362	5,820	\$ 33.17
(156)	b2786.1	\$ 553,839	\$ -	\$ 553,839	3.71%	\$ 20,547	5,820	\$ 3.53	
(157)	b2786.1 -dflax	\$ 553,839	\$ -	\$ 553,839	35.49%	\$ 196,557	5,820	\$ 33.72	
(158)	b2892.3	\$ 44,722	\$ -	\$ 44,722	20.53%	\$ 9,181	5,820	\$ 1.58	
(159)	b2892.4	\$ 1,521,876	\$ -	\$ 1,521,876	20.53%	\$ 712,441	5,820	\$ 123.80	
(160)	b2892.1	\$ 4,583,248	\$ -	\$ 4,583,248	20.53%	\$ 940,941	5,820	\$ 161.42	
(161)	b2892.2	\$ 5,922,163	\$ -	\$ 5,922,163	20.53%	\$ 1,215,820	5,820	\$ 208.58	
(162)	Baltimore Gas & Electric - Totals		\$ 43,963,736	\$ -	\$ 43,963,736		\$ 1,946,091		\$ 346.53

AEP East Operating Companies

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
	AEP East	PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(163)	Add two advanced technology circuit breakers at Hanging Rock 765 kV to improve operational performance	b0504	\$ 355,955	\$ -	\$ 355,955	3.71%	\$ 13,354	5,820	\$ 2.29
(164)	Install a 765/138 kV transformer at Amos	b0518	\$ 1,245,432	\$ -	\$ 1,245,432	1.00%	\$ 12,454	5,820	\$ 2.14
(165)	Replace the 100 MVAR 765 kV shunt reactor bank on Rockport - Jefferson 765 kV line with a 300 MVAR bank at Rockport station	b1465.2	\$ 873,867	\$ -	\$ 873,867	3.71%	\$ 32,420	5,820	\$ 5.56
(166)	Make switching improvements at Sullivan and Jefferson 750 kV stations	b1465.4	\$ 324,328	\$ -	\$ 324,328	3.71%	\$ 12,033	5,820	\$ 2.06
(167)	Trimpose the Rockport - Sullivan 765 kV line with the Rockport - Jefferson 765 kV line	b1465.3	\$ 1,182,387	\$ -	\$ 1,182,387	3.71%	\$ 43,867	5,820	\$ 7.53
(168)	Rebuild the Altavista - Leesville 138 kV line	b1712.2	\$ 246,162	\$ -	\$ 246,162	24.70%	\$ 60,802	5,820	\$ 10.43
(169)	Rebuild Amos - Kanawha River 138 kV corridor	b2020	\$ 21,701,484	\$ -	\$ 21,701,484	0.02%	\$ 4,340	5,820	\$ 0.74
(170)	Use 345/138 transformer at Doon, Kanawha River & Muskogean River stations	b2021	\$ 5,872,863	\$ -	\$ 5,872,863	0.04%	\$ 3,349	5,820	\$ 0.40
(171)	Build approximately 14 miles of 765 kV line from existing Dumont - Marysville line	b1659.14	\$ 5,857,885	\$ -	\$ 5,857,885	3.71%	\$ 217,328	5,820	\$ 37.28
(172)	Install a 765 kV circuit breaker at Wyoming station	b1681	\$ 126,583	\$ -	\$ 126,583	3.71%	\$ 4,696	5,820	\$ 0.81
(173)	Add four 765 kV breakers at Kemmer	b1962	\$ 1,340,518	\$ -	\$ 1,340,518	3.71%	\$ 49,733	5,820	\$ 8.53
(174)	Install a 765/500 kV transformer at Cloverdale	b1660	\$ 198,289	\$ -	\$ 198,289	3.71%	\$ 7,356	5,820	\$ 1.26
(175)	Cloverdale install 6-765 kV breakers, incremental work for 2 additional breakers, reconfigure and relocate miscellaneous facilities, establish 500 kV station and 500 kV tie with 765 kV station	b1660.0flax	\$ 1,986,289	\$ -	\$ 1,986,289	53.62%	\$ 106,312	5,820	\$ 18.24
(176)	Install a new 765/138 kV transformer at Jackson Ferry substation	b1660.1	\$ 1,716,289	\$ -	\$ 1,716,289	3.71%	\$ 63,674	5,820	\$ 10.92
(177)	Reconductor the AEP portion of the Cloverdale - Lexington 500 kV line	b1663.7	\$ 301,056	\$ -	\$ 301,056	3.71%	\$ 11,169	5,820	\$ 1.92
(178)	Same as above	b1797.1 -dflax	\$ 2,634,281	\$ -	\$ 2,634,281	3.71%	\$ 97,732	5,820	\$ 16.77
(179)	Establish 765 kV yard at Sorenson and install four 765 kV breakers	b1797.1.1	\$ 2,634,281	\$ -	\$ 2,634,281	38.83%	\$ 1,025,526	5,820	\$ 175.94
(180)	Add an additional 765/545 kV transformer	b1495	\$ 4,871,531	\$ -	\$ 4,871,531	0.94%	\$ 45,792	5,820	\$ 7.86
(181)	Perform sag study on Altavista-Leesville 138 kV line	b1712.1	\$ 28,090	\$ -	\$ 28,090	24.70%	\$ 6,938	5,820	\$ 1.19
(182)	Install a 345/220 MVA 765/345 kV transformer	b1465.1	\$ 4,044,828	\$ -	\$ 4,044,828	1.68%	\$ 67,144	5,820	\$ 11.52
(183)	Replace existing 150 MVAR reactor at Amos	b2230	\$ 795,130	\$ -	\$ 795,130	3.71%	\$ 29,499	5,820	\$ 5.06
(184)	Install a 300 MVAR Shunt Reactor at Wyoming	b2423	\$ 1,250,027	\$ -	\$ 1,250,027	3.71%	\$ 46,976	5,820	\$ 8.06
(185)	Install a +/- 450 MVAR SVC at Jacksons Ferry 765 kV sub	b2687.1	\$ 6,058,725	\$ -	\$ 6,058,725	3.71%	\$ 224,779	5,820	\$ 38.56
(186)	Install a 300 MVAR Shunt line reactor on the Broadford end of the Broadford Jacksons Ferry 765 kV line	b2687.2	\$ 562,593	\$ -	\$ 562,593	3.71%	\$ 20,872	5,820	\$ 3.58
(187)		b1465.5	\$ 545,509	\$ -	\$ 545,509	3.71%	\$ 20,267	5,820	\$ 3.47
(188)	<b>AEP East - Totals</b>		<b>\$ 69,762,608</b>	<b>\$ -</b>	<b>\$ 69,762,608</b>		<b>\$ 1,267,174</b>		<b>\$ 217.47</b>

PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Non-Pepco Zone Required Transmission Enhancement

(A)		(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
Atlantic City Electric		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Install a new 500/230kV substation in AEC area. The high side will be tapped on the Salem - East Windsor 500kV circuit and the low side will be tapped on the Churchtown - Cumberland 230kV circuit.		b0210A	\$ 1,153,776	- \$	1,153,776	3.71%	\$ 42,805	5,829	\$ 7.34
(191) Reconnector the existing Mickleton - Deyford 230kV line		b1306.5	\$ 419,717	- \$	419,717	0.57%	\$ 2,302	5,829	\$ 0.41
(190) Mickleton - Deyford 230kV terminal		b1306.3.1	\$ 1,307,433	- \$	1,307,433	0.57%	\$ 7,452	5,829	\$ 1.28
(194) Atlantic City Electric - Totals			\$ 2,880,926	- \$	2,880,926.50		\$ 52,559		\$ 9.03
Delmarva Power & Light		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(195) Replace line trap and disconnect switch at Keeney 500 kV substation - 5025 Line Terminal Upgrade		b0272.1	\$ 10,414	- \$	10,414	3.71%	\$ 388		\$ 0.07
(196) Add two additional breakers at Keeney 500 kV		b0272.1_dflx	\$ 10,414	- \$	10,414	1.52%	\$ 158		\$ 0.03
(197) b02751			\$ 241,849	- \$	241,849	3.71%	\$ 8,973	5,829	\$ 1.54
(198) Delmarva Power & Light - Totals			\$ 262,676	- \$	262,676.50		\$ 9,517		\$ 1.63
PECO		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(199) Install a new 500/230kV substation in PECO area. The high side will be tapped on the Elroy - Whippan 500kV circuit and the low side will be tapped on the North Wales - Perkasie 230kV circuit.		b0269	\$ 2,637,830	- \$	2,637,830	3.71%	\$ 97,863	5,829	\$ 16.79
(200) Reconnector the UG portion of the Richmond-Waneta 230kV and rpl. terminal equipment		b1591	\$ 712,795	- \$	712,795	2.79%	\$ 19,887	5,829	\$ 3.41
(201) Add a new 500 Kv breaker at Whippan		b0269.6	\$ 224,626	- \$	224,626	3.71%	\$ 8,334	5,829	\$ 1.43
(202) Replace two 600 kV circuit breakers and two wave traps at Elroy substation		b0717.1	\$ 303,041	- \$	303,041	3.71%	\$ 11,243	5,829	\$ 1.93
(203) Upgrade the PECO portion of the Camden-Richmond 230 kV to a six wire conductor and rpl. Terminal equipment		b1590.1-b1590.2	\$ 2,007,561	- \$	2,007,561	1.93%	\$ 38,748	5,829	\$ 6.65
(204) Reconnector Richmond-Waneta 230 kV and replace terminal equipment at substations		b1306.8	\$ 228,217	- \$	228,217	0.97%	\$ 1,301	5,829	\$ 0.22
(205) Install 500 MVAR Dynamic Reactive Device at Whippan 500 kV vicinity		b0267	\$ 373,790	- \$	373,790	3.71%	\$ 13,668	5,829	\$ 2.38
(206) b2766.2			\$ 53,251	- \$	53,251	3.71%	\$ 1,976	5,829	\$ 0.34
(207) b2766.2_dflx			\$ 53,251	- \$	53,251	35.49%	\$ 19,899	5,829	\$ 3.24
(208) PECO - Totals			\$ 6,964,361	- \$	6,964,361		\$ 212,115.47		\$ 36.38
Mid-Atlantic Interstate Transmission LLC		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(209) Install 250 MVAR capacitor at Keystone 250 kV		b0545	\$ 288,825	- \$	288,825	3.71%	\$ 10,715	5,829	\$ 1.84
(210) Loop the 2026 (TMI-Hosensack 500 kV) line in to the Laushtown		b2006.1.1	\$ 355,657	- \$	355,657	3.71%	\$ 13,195	5,829	\$ 2.26
(211) Install 2nd Huntersdown 230/115 kV transformer		b2452	\$ 1,161,016	- \$	1,161,016	15.79%	\$ 162,869	5,829	\$ 31.37
(212) Reconnector Huntersdown - Oxford 155 kV line		b0452.1	\$ 543,453	- \$	543,453	15.79%	\$ 85,591	5,829	\$ 14.68
(213) b0473.2			\$ 495,643	- \$	495,643	20.88%	\$ 103,490	5,829	\$ 17.75
(214) b0473.3			\$ (215)	- \$	(215)	20.88%	\$ (40)	5,829	\$ (0.01)
(215) b0473.4			\$ 1,140	- \$	1,140	20.88%	\$ 238	5,829	\$ 0.04
(216) b2688.1			\$ 527,828	- \$	527,828	15.85%	\$ 83,677	5,829	\$ 14.36
(217) b0284.3			\$ -	- \$	-	3.71%	\$ -	5,829	\$ -
(218) b0369			\$ -	- \$	-	3.71%	\$ -	5,829	\$ -
(219) Mid-Atlantic Interstate Transmission LLC - Totals			\$ 3,373,448	- \$	3,373,448		\$ 476,724		\$ 82.30
Transource Maryland LLC		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(220) Build new 230 kV circuit line between Furnace Run and Conastone 230 kV operated as a single circuit		b2743.5, b2752.5	\$ 1,587,503	- \$	1,587,503	20.88%	\$ 331,471	5,829	\$ 56.87
(221) Transource Maryland LLC - Totals			\$ 1,587,503	- \$	1,587,503.00		\$ 331,471		\$ 56.87
Transource Pennsylvania LLC		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(222) Build new 230 kV circuit line between Furnace Run and Conastone 230 kV operated as a single circuit		2743.5, b2743.1, b2752.5, 2752	\$ 7,129,435	- \$	7,129,435	20.88%	\$ 1,488,626	5,829	\$ 255.38
(223) Transource Pennsylvania LLC - Totals			\$ 7,129,435	- \$	7,129,435.00		\$ 1,488,626		\$ 255.38
Northern Indiana Public Service		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(224) b2971			\$ 1,235,762	- \$	1,235,762	5.80%	\$ 71,674	5,829	\$ 12.30
(225) b2973			\$ 720,045	- \$	720,045	0.05%	\$ 36,362	5,829	\$ 6.24
(226) b2975			\$ 656,931	- \$	656,931	1.53%	\$ 13,142	5,829	\$ 2.25
(227) Northern Indiana Public Service Totals			\$ 2,614,738	- \$	2,614,738.00		\$ 121,178		\$ 20.79
Commonwealth Edison		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(228) b2692.1-b2692.2			\$ 1,264,044	- \$	1,264,044	3.56%	\$ 45,000	5,829	\$ 7.72
(229) Commonwealth Edison Totals			\$ 1,264,044	- \$	1,264,044		\$ 45,000		\$ 7.72

PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Non-Pepco Zone Required Transmission Enhancement

(A)		(B)		(C)		(D)		(E) = (C) + (D)		(F)		(G) = (E) x (F)		(H)		(I) = (G) / (H)	
South FirstEnergy Operating Companies		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)								
(239)		b0577	\$ 19,580	- \$	19,580	3.71%	\$ 728	5,829	\$ 0.12								
(231)		b0238	\$ 533,172	- \$	533,172	49.68%	\$ 264,683	5,829	\$ 45.44								
(232)		b1507.2	\$ 9,375	- \$	9,375	3.71%	\$ 348	5,829	\$ 0.06								
(233)		b1507.2_dfax	\$ 9,375	- \$	9,375	13.68%	\$ 1,282	5,829	\$ 0.22								
(234)		b1507.3	\$ 1,190,722	- \$	1,190,722	3.71%	\$ 44,178	5,829	\$ 7.58								
(235)		b1507.3_dfax	\$ 1,190,722	- \$	1,190,722	13.68%	\$ 162,891	5,829	\$ 27.94								
(236)		b2089.3	\$ 79,374	- \$	79,374	15.85%	\$ 12,581	5,829	\$ 2.16								
(237)		b0347.17-32	\$ 95,680	- \$	95,680	3.71%	\$ 3,550	5,829	\$ 0.61								
(238)		b0347.17-32_dfax	\$ 95,680	- \$	95,680	14.15%	\$ 13,539	5,829	\$ 2.32								
(239)		b1635	\$ 1,908	- \$	1,908	13.69%	\$ 261	5,829	\$ 0.04								
(240)		b2743.6-7	\$ 485,754	- \$	485,754	20.88%	\$ 101,428	5,829	\$ 17.40								
(241)		b2743.8	\$ 55,836	- \$	55,836	20.88%	\$ 11,658	5,829	\$ 2.00								
(242)		South FirstEnergy Operating Companies Totals	\$ 3,767,175	- \$	3,767,175		\$ 817,318		\$ 186								

Duquesne Light		PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(243)		b2689.1-2	\$ 1,151,053	- \$	1,151,053	6.29%	\$ 72,401	5,829	\$ 12.42
(244)		Duquesne Light Totals	\$ 1,151,053	- \$	1,151,053		\$ 72,401		\$ 12.42

(245)	Grand Totals - Non-Pepco YECs						\$ 86,821,853		\$ 8,719
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## **Attachment D**

**Potomac Electric Power Company**  
**Maryland**  
**July 26, 2022 Retail Transmission Rate Filing**

**Attachment D**  
**Page 1 of 1**

**I. 2022 Pepco Network Integration Transmission Service (\$/MW-Year)**

		<b>Pepco</b>	<b>Notes:</b>
(1) Transmission Service Annual Revenue Requirement	\$	199,759,404	Source: Line (172), Attachment H-9A of Potomac Electric Power Company, Docket No. ER09-1159 Information Filing of 2022 Formula Rate Annual Update
(2) Total Schedule 12 Pepco Zone TEC	\$	(36,063,681)	Source: Column (E), Line (31) Below
(3) Total Schedule 12 Pepco Zone TEC - Pepco Share	\$	27,457,060	Source: Column (G), Line (31) Below
(4) Total Transmission Costs	\$	191,152,783	Calculation: Line (4) = Line (1) + Line (2) + Line (3)
(5) Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)		5,829	Source: PJM Network Transmission Service Peak Loads for 2022
(6) 2022 Pepco Network Integration Transmission Service (\$/MW-Year) - Excluding SMECO	\$	32,793.41	Calculation: Line (4) / Line (5)
(7) Transmission Service Annual Revenue Requirement	\$	<b>SMECO</b> 17,086,212	Source: Attachment H-9C, Annual Transmission Rate - Southern Maryland Electric Cooperative, Inc. For Network Integration Transmission Service
(8) Pepco Zone - PJM Network Transmission Service Peak Load (2022) (MW)		5,829	Source: PJM Network Transmission Service Peak Loads for 2022
(9) 2022 Pepco Network Integration Transmission Service (\$/MW-Year) - SMECO Only	\$	2,931.24	Calculation: Line (9) = Line (7) / Line (8)
(10) 2022 Pepco Network Integration Transmission Service (\$/MW-Year) - Including SMECO	\$	35,724.65	Line (10) = Line (6) + Line (9)

**II. Pepco Zone - Required Transmission Enhancements**

**PJM Schedule 12 - Transmission Enhancement Charges for June 2022 - May 2023 for Pepco Zone Required Transmission Enhancements**

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)
	<b>Pepco</b>	<b>PJM Upgrade ID</b>	<b>Revenue Requirement</b>	<b>Prior Period Reconciliation</b>	<b>Total Revenue Requirement</b>	<b>Pepco Zone Share</b>	<b>Pepco Zone Charges</b>
(11) Replace existing 500/230 kV transformer at Brighton		b0496	\$ 2,345,755	\$ -	\$ 2,345,755	53.74%	\$ 1,260,609
(12) Reconductor circuit —23033, 23035 for Dickerson – Quince Orchard 230 kV		b0367.1-2	\$ 2,329,621	\$ -	\$ 2,329,621	52.46%	\$ 1,222,119
(13) Advance n0772 (Replace Chalk Point 230 kV breaker (1A) with 80 kA breaker)		b0512.7	\$ 110,594	\$ -	\$ 110,594	3.71%	\$ 4,103
(14) Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)		b0512.7_dfax	\$ 110,594	\$ -	\$ 110,594	2.44%	\$ 2,698
(15) Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)		b0512.8	\$ 110,594	\$ -	\$ 110,594	3.71%	\$ 4,103
(16) Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)		b0512.8_dfax	\$ 110,594	\$ -	\$ 110,594	2.44%	\$ 2,698
(17) Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)		b0512.9	\$ 110,594	\$ -	\$ 110,594	3.71%	\$ 4,103
(18) Advance n0777 (Replace Chalk Point 230 kV breaker (3A) with 80 kA breaker)		b0512.9_dfax	\$ 110,594	\$ -	\$ 110,594	2.44%	\$ 2,698
(19) Advance n0777 (Replace Chalk Point 230 kV breaker (3A) with 80 kA breaker)		b0512.12	\$ 111,749	\$ -	\$ 111,749	3.71%	\$ 4,146
(20) Expand Benning 230 kV station, add a new 250 MVA 230/69 kV transformer at Benning Station , new 115 kV Benning switching station		b0512.12_dfax	\$ 111,749	\$ -	\$ 111,749	2.44%	\$ 2,727
(21) Reconductor the four circuits from Burches Hill to Palmers Corner		b0478	\$ 1,898,322	\$ -	\$ 1,898,322	96.49%	\$ 1,831,691
(22) Install third Burches Hill 500/230 kV transformer		b0499	\$ 3,532,810	\$ -	\$ 3,532,810	89.15%	\$ 3,149,500
(23) Build two Ritchie – Benning Station A 230 kV lines		b0526	\$ 6,647,900	\$ -	\$ 6,647,900	74.86%	\$ 4,976,618
(24) Expand Benning 230 kV station, add a new 250 MVA 230/69 kV transformer at Benning Station , new 115 kV Benning switching station		b0701.1	\$ 593,164	\$ -	\$ 593,164	69.43%	\$ 411,834
(25) Brighton Substation – add 2nd 1000 MVA 500/230 kV transformer, 2 500 kV circuit breakers and miscellaneous bus work		b0288	\$ 3,644,030	\$ -	\$ 3,644,030	63.67%	\$ 2,320,154
(26) Convert the 138 kV line from Buzzard 138 - Ritchie 851 to a 230 kV line and Remove 230/138 kV Transformer at Ritchie and install a spare 230/138 kV transformer at Buzzard Pt		b1125	\$ 6,299,458	\$ -	\$ 6,299,458	95.26%	\$ 6,000,864
(27) Reconductor feeder 23032 and 23034 to high temp. conductor (10 miles)		b2008	\$ 1,059,611	\$ -	\$ 1,059,611	64.22%	\$ 680,482
(28) Reconductor feeder 23032 and 23034 to high temp. conductor (10 miles)		b0467.1	\$ 990,145	\$ -	\$ 990,145	41.86%	\$ 414,475
(29)		b1126	\$ 4,696,119	\$ -	\$ 4,696,119	95.26%	\$ 4,473,523
(30)		b1596	\$ 1,139,687	\$ -	\$ 1,139,687	60.36%	\$ 687,915
(31) <b>Pepco Totals</b>			<b>\$ 36,063,681</b>	<b>\$ -</b>	<b>\$ 36,063,681</b>		<b>\$ 27,457,060</b>

## **Attachment E**



**Potomac Electric Power Company**  
**Maryland**  
**July 26, 2022 Retail Transmission Rate Filing**

**Attachment E**  
**Page 1 of 1**

**Summary of June 2022 - May 2023 Settlement Adjustments**  
**BLI-1115 - Transmission Enhancement Charge Adjustments (Black Box)**  
**(B)**

	<b>Jurisdiction</b>	<b>Total Monthly TEC Adjustment (Years 5 - 10)</b>	
(1)	Pepco MD	\$ 492,989.59	
(2)	Pepco DC	\$ 339,055.85	
(3)	Pepco SMECO	\$ 117,694.86	
(4)	<b>Pepco - Total</b>	<b>\$ 949,740.30</b>	Calculation: Line (4) = Line (1) + Line (2) + Line (3)
(5)	<b>Pepco - Annual</b>	<b>\$ 11,396,883.60</b>	Calculation: Line (5) = Line (4) * 12
(6)	<b>Transmission Peak Load (MW)</b>	5,829	Source: PJM Network Transmission Service Peak Loads for 2021
(7)	<b>Pepco - Total</b>	<b>\$ 1,955.20</b>	Calculation: Line (7) = Line (5) divided by Line (6)

**Notes:**

- (B) Source: July 30, 2018 Letter Re: *PJM Interconnection L.L.C. Docket No. EL05-121-009 and ER18-2102-001 eTariff Compliance Filing for Schedule 12 and Schedule 12-Appendices, Attachment B, Schedule 12-C Appendix C.*

## **Attachment F**

Schedule R

	(A) Billing Determinants	(B) Present Rate <sup>1</sup>	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	4,879,969,147	\$ 0.01145	\$ 55,875,647	\$ 0.00151	\$ 0.01296	\$ 63,258,424	13.21%
Total Transmission			\$ 55,875,647			\$ 63,258,424	
<b>Transmission Rate Change - Kilowatt-hour charge</b>			\$ 0.00151				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 7,382,778				
Present Transmission Revenue			\$ 55,875,647				
Proposed Transmission Revenue			\$ 63,258,424				
Percent Change			13.21%				

**Residential Time of Use ("R-TOU-P")**

\*Based on Residential retail transmission rate

	Present Summer June-Sept <u>06/01/22-9/30/22</u>	Present Winter Oct-May <u>10/01/22-05/31/23</u>	Proposed Summer June-Sept <u>06/01/22-9/30/22</u>	Proposed Winter Oct-May <u>10/01/22-05/31/23</u>
Transmission				
On-Peak	\$ 0.18055	\$ 0.24866	\$ 0.20596	\$ 0.26059
Off-Peak	\$ 0.05306	\$ 0.07753	\$ 0.05110	\$ 0.07753

\*R-TOU-P includes retail transmission in the SOS on/off peak rates

**FN1** - The Present Rate and Proposed transmission rates apply to the Residential, R-PIV, PIV and R-TOU-P rate schedules

Schedule RTM

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	874,063,932	\$ 0.01148	\$ 10,034,254	\$ 0.00168	\$ 0.01316	\$ 11,505,790	14.67%
Total Transmission			\$ 10,034,254			\$ 11,505,790	
<b>Transmission Rate Change - Kilowatt-hour charge</b>			\$ 0.00168				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 1,471,536				
Present Transmission Revenue			\$ 10,034,254				
Proposed Transmission Revenue			\$ 11,505,790				
Percent Change			14.67%				

Schedule GS & EV

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	331,544,099	\$ 0.00770	\$ 2,552,890	\$ 0.00139	\$ 0.00909	\$ 3,013,490	18.04%
Total Transmission			\$ 2,552,890			\$ 3,013,490	
<b>Transmission Rate Change</b>			\$ 0.00139				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 460,601				
Present Transmission Revenue			\$ 2,552,890				
Proposed Transmission Revenue			\$ 3,013,490				
Percent Change			18.04%				

Schedule T

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	12,794,727	\$ 0.00588	\$ 75,233	\$0.00126	\$ 0.00714	\$ 91,319	21.38%
Total Transmission			\$ 75,233			\$ 91,319	
<b>Transmission Rate Change</b>			\$ 0.00126				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 16,086				
Present Transmission Revenue			\$ 75,233				
Proposed Transmission Revenue			\$ 91,319				
Percent Change			21.38%				

Potomac Electric Power Company

Maryland

July 26, 2022 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2022

Present Revenue (Rates Effective September 1, 2021)

Billing Determinants (2021)

Attachment F

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Schedules SL

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	58,928,825	\$ 0.00001	\$ 589	\$0.00000	\$ 0.00001	\$ 717	21.65%
Total Transmission			\$ 589			\$ 717	
<b>Transmission Rate Change</b>			\$ 0.00000				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 128				
Present Transmission Revenue			\$ 589				
Proposed Transmission Revenue			\$ 717				
Percent Change			21.65%				

Schedule TN

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	17,638,752	\$ 0.00474	\$ 83,608	\$ 0.00099	\$0.00573	\$ 101,091	20.91%
Total Transmission			\$ 83,608			\$ 101,091	
<b>Transmission Rate Change</b>			\$ 0.00099				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 17,484				
Present Transmission Revenue			\$ 83,608				
Proposed Transmission Revenue			\$ 101,091				
Percent Change			20.91%				



Schedule MGT-LV

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	4,239,723,015	\$ 0.00482	\$ 20,435,465	\$0.00078	\$ 0.00560	\$ 23,744,878	16.19%
Kilowatt Charge							
On Peak							
Summer	3,644,599	\$ 1.0666	\$ 3,887,329	\$0.17273	\$ 1.2393	\$ 4,516,861	16.19%
Maximum							
Annual kW	11,142,382	\$ 0.7765	\$ 8,652,060	\$0.12575	\$ 0.9022	\$ 10,053,214	16.19%
Total Transmission			\$ 32,974,854			\$ 38,314,954	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 5,340,100
Present Transmission Revenue	\$ 32,974,854
Proposed Transmission Revenue	\$ 38,314,954
Percent Change	16.19%

Schedule MGT- 3A

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	101,844,567	\$ 0.00454	\$ 462,374	\$0.00031	\$ 0.00485	\$ 494,190	6.88%
Kilowatt Charge							
On Peak							
Summer	69,475	\$ 0.9874	\$ 68,600	\$0.06794	\$ 1.0553	\$ 73,320	6.88%
Maximum							
Annual kW	245,797	\$ 0.7262	\$ 178,498	\$0.04997	\$ 0.7762	\$ 190,780	6.88%
Total Transmission			\$ 709,472			\$ 758,290	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 48,818
Present Transmission Revenue	\$ 709,472
Proposed Transmission Revenue	\$ 758,290
Percent Change	6.88%

Potomac Electric Power Company

Maryland

July 26, 2022 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2022

Present Revenue (Rates Effective September 1, 2021)

Billing Determinants (2021)

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Schedule GT- LV

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	960,888,064	\$ 0.00431	\$ 4,141,428	\$0.00074	\$ 0.00505	\$ 4,855,823	17.25%
Kilowatt Charge							
On Peak							
Summer	800,412	\$ 1.1418	\$ 913,910	\$0.19696	\$ 1.3388	\$ 1,071,560	17.25%
Maximum							
Annual kW	2,363,115	\$ 0.8434	\$ 1,993,051	\$0.14549	\$ 0.9889	\$ 2,336,852	17.25%
Total Transmission			\$ 7,048,389			\$ 8,264,235	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 1,215,846
Present Transmission Revenue	\$ 7,048,389
Proposed Transmission Revenue	\$ 8,264,235
Percent Change	17.25%

Schedule GT-3A

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	1,515,146,982	\$ 0.00385	\$ 5,833,316	\$0.00128	\$ 0.00513	\$ 7,775,016	33.29%
Kilowatt Charge							
On Peak							
Summer	1,239,492	\$ 1.0429	\$ 1,292,666	\$0.3471	\$ 1.3900	\$ 1,722,948	33.29%
Maximum							
Annual kW	3,156,077	\$ 0.7799	\$ 2,461,424	\$0.2596	\$ 1.0395	\$ 3,280,743	33.29%
Total Transmission			\$ 9,587,406			\$ 12,778,708	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 3,191,302
Present Transmission Revenue	\$ 9,587,406
Proposed Transmission Revenue	\$ 12,778,708
Percent Change	33.29%

Schedule GT-3B

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	284,401,328	\$ 0.00359	\$ 1,021,001	\$0.00068	\$ 0.00427	\$ 1,213,997	18.90%
Kilowatt Charge							
On Peak							
Summer	195,010	\$ 0.9417	\$ 183,641	\$0.1780	\$ 1.1197	\$ 218,354	18.90%
Maximum							
Annual kW	581,050	\$ 0.6927	\$ 402,493	\$0.1309	\$ 0.8236	\$ 478,575	18.90%
Total Transmission			\$ 1,607,135			\$ 1,910,925	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 303,791
Present Transmission Revenue	\$ 1,607,135
Proposed Transmission Revenue	\$ 1,910,925
Percent Change	18.90%

Schedule RT

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Kilowatt-hour Charge							
Annual kWh	232,263,808	\$ 0.00296	\$ 687,501	\$0.00215	\$ 0.00511	\$ 1,187,975	72.80%
Kilowatt Charge							
On Peak							
Summer	195,310	\$ 0.5148	\$ 100,545	\$0.37475	\$ 0.8896	\$ 173,739	72.80%
Maximum							
Annual kW	476,128	\$ 0.3703	\$ 176,310	\$0.26956	\$ 0.6399	\$ 304,657	72.80%
Total Transmission			\$ 964,356			\$ 1,666,371	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 702,015
Present Transmission Revenue	\$ 964,356
Proposed Transmission Revenue	\$ 1,666,371
Percent Change	72.80%

Schedule OL

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
<b>Transmission</b>							
Per Lamp Charge							
100 Watt	5,455	\$ -	\$ -	\$ -	\$ -	\$ -	0%
150 Watt	4,943	\$ -	\$ -	\$ -	\$ -	\$ -	0%
250 Watt	19,980	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Total Transmission			\$ -			\$ -	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ -
Present Transmission Revenue	\$ -
Proposed Transmission Revenue	\$ -
Percent Change	0.00%

**Potomac Electric Power Company  
Maryland**

**Attachment F  
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**July 26, 2022 Retail Transmission Rate Filing  
Transmission Peak Load Contribution (2021)**

	(A)	(B)	
	Rate Schedule	TPLC (kW)	
(1)	Residential	1,363,368.63	
(2)	RTM	247,976.99	
(3)	GS	64,947.84	(C)
(4)	T	1,968.15	
(5)	SL	15.45	
(6)	TN	2,178.76	
(7)	MGT-LV	825,777.86	
(8)	MGT-HV	16,342.95	
(9)	GT-LV	178,113.80	
(10)	GT-3A	275,411.37	
(11)	GT-3B	41,184.96	
(12)	RT	35,914.24	
(13)	OL	-	
(14)	<b>Total</b>	<b>3,053,201.00</b>	

**Notes:**

**(B) Source: Internal Company Records - TPLC as of 1.1.2022.**

**(C) Inclusive of GS LV and EV TPLC**



## **Attachment G**

Residential				Current Bill	Proposed Bill
		Current Rates	Proposed Rates 7/26/2022	kWh	
Summer				811	811
<b><u>Distribution Services</u></b>					
(1)	Customer Charge	\$ 8.22	\$ 8.22	\$ 8.22	\$ 8.22
(2)	Rider ERR Offset	\$ (0.05)	\$ (0.05)	\$ (0.05)	\$ (0.05)
Energy					
(3)	All Kwh	\$ 0.07592	\$ 0.07592	\$ 61.57	\$ 61.57
(4)	Rider ERR Offset	\$ (0.00152)	\$ (0.00152)	\$ (1.23)	\$ (1.23)
(5)	Delivery Tax - eff 4/2000	\$ 0.00062	\$ 0.00062	\$ 0.50	\$ 0.50
(6)	Environmental Surcharge - eff. 7/1/2022	\$ 0.00015	\$ 0.00015	\$ 0.12	\$ 0.12
(7)	Montgomery County Surcharge - eff. 7/1/2022	\$ 0.01132	\$ 0.01132	\$ 9.18	\$ 9.18
(8)	EmPower MD - eff. 2/1/2022	\$ 0.00715	\$ 0.00715	\$ 5.80	\$ 5.80
(9)	Universal Service Charge - eff. 6/1/2020	\$ 0.32000	\$ 0.32000	\$ 0.32	\$ 0.32
(10)	Admin. Credit - 12 month average ye 12/2021	\$ (0.00029)	\$ (0.00029)	\$ (0.24)	\$ (0.24)
(11)	BSA - 12 month average ye 12/2021	\$ (0.00093)	\$ (0.00093)	\$ (0.75)	\$ (0.75)
	GRT (Dist & Surcharges)	2.04080%	2.04080%	\$ 1.52	\$ 1.52
Distribution Services Total				\$ 84.96	\$ 84.96
<b><u>Transmission Services</u></b>					
(12)	All Kwh	\$ 0.01145	\$ 0.01296	\$ 9.29	\$ 10.51
	GRT	2.04080%	2.04080%	\$ 0.19	\$ 0.21
Transmission Services Total				\$ 9.48	\$ 10.72
<b><u>Generation Services</u></b>					
Rates eff. 6/1/2022 - 09/30/2022					
(13)	All Kwh	\$ 0.05774	\$ 0.05774	\$ 46.83	\$ 46.83
(14)	Energy PCA - 12 month average ye 12/2021	\$ (0.00420)	\$ (0.00420)	\$ (3.40)	\$ (3.40)
Generation Services Total				\$ 43.43	\$ 43.43
<b><u>Total Bill</u></b>				\$ 137.87	\$ 139.11

Residential

Residential				Current		Proposed	
				Bill		Bill	
				kWh			
				811		811	
<b>Winter</b>							
<b><u>Distribution Services</u></b>							
(15)	Customer Charge	\$	8.22	\$	8.22	\$	8.22
(16)	Rider ERR Offset	\$	(0.05)	\$	(0.05)	\$	(0.05)
Energy							
(17)	All Kwh	\$	0.03751	\$	0.03751	\$	30.42
(18)	Rider ERR Offset	\$	(0.00075)	\$	(0.00075)	\$	(0.61)
(19)	Delivery Tax - eff 4/2000	\$	0.00062	\$	0.00062	\$	0.50
(20)	Environmental Surcharge - eff. 7/1/2022	\$	0.00015	\$	0.00015	\$	0.12
(21)	Montgomery County Surcharge - eff. 7/1/2022	\$	0.01132	\$	0.01132	\$	9.18
(22)	EmPower MD - eff. 2/1/2022	\$	0.00715	\$	0.00715	\$	5.80
(23)	Universal Service Charge - eff. 6/1/2020	\$	0.32000	\$	0.32000	\$	0.32
(24)	Admin. Credit - 12 month average ye 12/2021	\$	(0.00029)	\$	(0.00029)	\$	(0.24)
(25)	BSA - 12 month average ye 12/2021	\$	(0.00093)	\$	(0.00093)	\$	(0.75)
	GRT (Dist & Surcharges)		2.04080%		2.04080%	\$	0.90
Distribution Services Total						\$	53.81
<b><u>Transmission Services</u></b>							
(26)	All Kwh	\$	0.01145	\$	0.01296	\$	9.29
	GRT		2.04080%		2.04080%	\$	0.19
Transmission Services Total						\$	9.48
<b><u>Generation Services</u></b>							
Rates eff. 10/1/2022 - 5/31/2023							
(27)	All Kwh	\$	0.08775	\$	0.08775	\$	71.17
(28)	Energy PCA - 12 month average ye 12/2021	\$	(0.00420)	\$	(0.00420)	\$	(3.40)
Generation Services Total						\$	67.77
<b><u>Total Bill</u></b>						\$	131.06
Annualized Bill						\$	133.90
Per kWh						\$	0.1651
\$ Bill Impact							1.24
% Bill Impact							0.93%

**Notes:**

For all current transmission rates as well as distribution, generation, and surcharge rates please refer to Pepco's current Electric Tariff  
<https://www.pepco.com/MyAccount/MyBillUsage/Pages/MD/CurrentTariffsMD.aspx>