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July 14, 2021

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, 2021. Pepco requests that the Commission approve the revised transmission rates contained in Rider "SOS" effective with usage on and after September 1, 2021. Due to current coronavirus restrictions, this communication will be e-filed and hard copies will not be provided, per the Commission's Operational Notice provided on March 16, 2020.

The current Pepco Zone FERC-approved wholesale transmission rates for the period June 1, 2021 through May 31, 2022 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 14, 2021, 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 2020 FERC Form 1 for Pepco, which was filed with the FERC on March 29, 2021. As shown in Attachment H-9A of the PJM OATT, the filed wholesale transmission rate for NITS for the Pepco Zone effective June 1, 2021 is approximately \$28,594 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, 2021, excluding any amount associated with the SMECO formula rate for NITS, is approximately \$27,177 per megawatt-year.

The increase in the 2021 NITs rate from the 2020 NITs rate is largely driven by the true-up amount in the FERC formula rate related to the Tax Cuts and Jobs Act ("TCJA") refunds provided to wholesale transmission customers. The 2020 NITs rate included two years of TCJA Financial Accounting Standards No. 109 (FAS 109) amortization for 2018 and 2019 due to the timing of the FAS 109 settlement. The 2021 NITs rate now includes a normal level of annual refunds.

Specific details are shown in the chart below.

### Pepco

	<u>2020-2021 Rate Year</u>	<u>2021-2022 Rate Year</u>	<u>Increase/(Decrease)</u>
O&M	\$ 54,841,222	\$ 46,484,368	\$ (8,356,855)
Depreciation & Amortization	\$ 43,211,310	\$ 43,675,339	\$ 464,029
Taxes Other than Income	\$ 12,779,738	\$ 13,074,103	\$ 294,365
Investment Return	\$ 77,925,554	\$ 77,961,453	\$ 35,899
Income Taxes	\$ 3,571,594	\$ 3,493,708	\$ (77,887)
Revenue Credits	\$ (6,356,087)	\$ (7,631,729)	\$ (1,275,642)
True-up amount	\$ (30,535,896)	\$ (9,662,179)	\$ 20,873,716
Project specific ROE incentive	\$ 959,028	\$ 928,682	\$ (30,346)
<i>Net Zonal Revenue Requirement</i>	<i>\$ 156,396,464</i>	<i>\$ 168,323,745</i>	<i>\$ 11,927,281</i>

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 November 23, 2020, in FERC Docket No. ER18-963, the filed wholesale transmission rate for NITS for SMECO currently in effect is approximately \$2,903 per megawatt-year.

Including the SMECO formula rate for NITS, the Pepco Zone's wholesale transmission rate for NITS effective June 1, 2021 is approximately \$30,080 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 8, 2021, 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

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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.

Potomac Electric Power Company (Pepco)	ER09-1159
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 8, 2021 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 \$5,832 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 net impact (including the impact to the PCA) of its proposed change in transmission retail rates to a Residential SOS customer using 811 kWh per month is \$0.88 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 2021 to May 2022. 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, 2021.

##### 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 2021 to May 2022 Pepco Zone retail transmission revenue requirement.

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Attachment F

Attachment F calculates the proposed Pepco retail transmission rates using the final June 2021 to May 2022 Pepco Zone retail transmission revenue requirement allocations to Pepco's Maryland rate schedules and associated 2020 billing determinants. The retail transmission rates shown in Attachment F are designed prior to the application of the Commission-approved PCA-related transmission rate adjustment.

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, 2021.

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

**RATE SCHEDULES**

**FOR**

**ELECTRIC SERVICE**

**IN**

**MARYLAND**

**POTOMAC ELECTRIC POWER COMPANY**



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An Exelon Company

**RATES AND REGULATORY PRACTICES GROUP**



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**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**

	<b>Summer</b>	<b>Winter</b>
<b>Distribution Service Charge</b>		
<b>Kilowatt-hour Charge</b>	\$ 0.06595 per kwhr	\$ 0.03259 per kwhr
<b>Generation Service Charge</b>		
<b>Kilowatt-hour Charge</b>		
<b>On Peak</b>	\$ 0.09779 per kwhr	\$ 0.11167 per kwhr
<b>Off Peak</b>	\$ 0.04549 per kwhr	\$ 0.05954 per kwhr
<b>Transmission Service Charge</b>	\$ 0.01145 per kwhr	\$ 0.01145 per kwhr

**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

**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**

	Summer	Winter
Distribution Service Charge		
Customer Charge	\$ 8.01 per month	\$ 8.01 per month
Kilowatt-hour Charge	\$ 0.06595 per kwhr	\$ 0.03259 per kwhr
Generation Service Charge		
Kilowatt-hour Charge		
On Peak	\$ 0.10402 per kwhr	\$ 0.15341 per kwhr
Off Peak	\$ 0.04222 per kwhr	\$ 0.04981 per kwhr
Transmission Service Charge	\$ 0.01145 per kwhr	\$ 0.01145 per kwhr

**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

## **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 (included in Generation rates shown below)
 

Residential	\$0.00400 per kwh
Type I	\$0.00550 per kwh
Type II	\$0.00600 per kwh
4. Applicable taxes.

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

<b>Generation Service Charge</b>	<b>10/01/20-05/31/21</b>	<b>06/01/21 – 09/30/21</b>	<b>10/01/21 – 05/31/22</b>
<b>Kilowatt-hour Charge</b>	\$ 0.06516 per kwhr	\$ 0.05864 per kwhr	\$ 0.07062 per kwhr

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

Procurement Cost Adjustment

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

<b>Generation Service Charge</b>	<b>10/01/20-05/31/21</b>	<b>06/01/21 – 09/30/21</b>	<b>10/01/21 – 05/31/22</b>
<b>Kilowatt-hour Charge</b>			
<b>On Peak</b>	\$ 0.06621 per kwhr	\$ 0.06932 per kwhr	\$ 0.07131 per kwhr
<b>Intermediate</b>	\$ 0.06708 per kwhr	\$ 0.05815 per kwhr	\$ 0.07223 per kwhr
<b>Off Peak</b>	\$ 0.06305 per kwhr	\$ 0.05585 per kwhr	\$ 0.06879 per kwhr

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

Procurement Cost Adjustment

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

<b>Generation Service Charge</b>	<b>06/01/21 – 09/30/21</b>	<b>10/01/21-05/31/22</b>
<b>Kilowatt-hour Charge</b>		
<b>On Peak</b>	\$ 0.19621 per kwhr	\$ 0.19530 per kwhr
<b>Off Peak</b>	\$ 0.06172 per kwhr	\$ 0.06128 per kwhr

**Transmission Service Charge**  
**Kilowatt-hour Charge**

Included in Generation Service Charge

Procurement Cost Adjustment

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	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.06216 per kwhr	\$ 0.06151 per kwhr	\$ 0.06740 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00770 per kwhr	\$ 0.00770 per kwhr

Procurement Cost Adjustment

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.06216 per kwhr	\$ 0.06151 per kwhr	\$ 0.06740 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00969 per kwhr	\$ 0.00969 per kwhr

Procurement Cost Adjustment

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.05653 per kwhr	\$ 0.05274 per kwhr	\$ 0.06220 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**

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
<b>Mercury Vapor</b>			
175 Watt	\$ 4.15 per lamp	\$ 3.88 per lamp	\$ 4.57 per lamp
250 Watt	\$ 5.74 per lamp	\$ 5.35 per lamp	\$ 6.31 per lamp
400 Watt	\$ 8.80 per lamp	\$ 8.21 per lamp	\$ 9.69 per lamp
<b>High Pressure Sodium</b>			
100 Watt	\$ 2.37 per lamp	\$ 2.22 per lamp	\$ 2.61 per lamp
150 Watt	\$ 3.46 per lamp	\$ 3.23 per lamp	\$ 3.81 per lamp
400 Watt	\$ 5.84 per lamp	\$ 5.45 per lamp	\$ 6.42 per lamp

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	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.05805 per kwhr	\$ 0.05694 per kwhr	\$ 0.06299 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00474 kwhr	\$ 0.00474 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	09/01/20-11/30/20	12/01/20-02/28/21	03/01/21-05/31/21	06/01/21 – 08/31/21
Kilowatt-hour Charge				
On-Peak	\$0.05323 per kwhr	\$ 0.06792 per kwhr	\$0.05815 per kwhr	\$ 0.06499 per kwhr
Intermediate	\$0.05219 per kwhr	\$ 0.06830 per kwhr	\$0.05772 per kwhr	\$ 0.05986 per kwhr
Off-Peak	\$0.05133 per kwhr	\$ 0.06705 per kwhr	\$0.05254 per kwhr	\$ 0.05975 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00482 per kwhr	\$ 0.00482 per kwhr
Kilowatt Charge		
On Peak	\$ 1.0666 per kw	
Maximum	\$ 0.7765 per kw	\$ 0.7765 per kw

Procurement Cost Adjustment

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

## Schedule MGT 3A II

Generation Service Charge	09/01/20-11/30/20	12/01/20-02/28/21	03/01/21-05/31/21	06/01/21 -08/31/21
Kilowatt-hour Charge				
On-Peak	\$0.05279 per kwhr	\$ 0.06734 per kwhr	\$ 0.05767 per kwhr	\$ 0.06444 per kwhr
Intermediate	\$0.05176 per kwhr	\$ 0.06772 per kwhr	\$ 0.05723 per kwhr	\$ 0.05936 per kwhr
Off-Peak	\$0.05091 per kwhr	\$ 0.06648 per kwhr	\$ 0.05210 per kwhr	\$ 0.05925 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00454 per kwhr	\$ 0.00454 per kwhr
Kilowatt Charge		
On Peak	\$ 0.9874 per kw	
Maximum	\$ 0.7262 per kw	\$ 0.7262 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>	\$ 0.00482 per kwhr	\$ 0.00482 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 1.0666 per kw	
<b>Maximum</b>	\$ 0.7765 per kw	\$ 0.7765 per kw

**Schedule MGT 3A III**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$ 0.00454 per kwhr	\$ 0.00454 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 0.9874 per kw	
<b>Maximum</b>	\$ 0.7262 per kw	\$ 0.7262 per kw

**Schedule GT LV**

	<b>Summer</b>	<b>Winter</b>
<b>Kilowatt-hour Charge</b>	\$ 0.00431 per kwhr	\$ 0.00431 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 1.1418 per kw	
<b>Maximum</b>	\$ 0.8434 per kw	\$ 0.8434 per kw

**Schedule GT 3A**

	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ 0.00385 per kwhr	\$ 0.00385 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 1.0429 per kw	
<b>Maximum</b>	\$ 0.7799 per kw	\$ 0.7799 per kw

**Schedule GT 3B**

	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ 0.00359 per kwhr	\$ 0.00359 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 0.9417 per kw	
<b>Maximum</b>	\$ 0.6927 per kw	\$ 0.6927 per kw

**Schedule TM-RT**

	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ 0.00296 per kwhr	\$ 0.00296 per kwhr
<b>Kilowatt Charge</b>		
<b>On Peak</b>	\$ 0.5148 per kw	
<b>Maximum</b>	\$ 0.3703 per kw	\$ 0.3703 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**



An Exelon Company

**RATES AND REGULATORY PRACTICES GROUP**



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**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**

	Summer	Winter
<b>Distribution Service Charge</b>		
<b>Kilowatt-hour Charge</b>	\$ 0.06595 per kwhr	\$ 0.03259 per kwhr
<b>Generation Service Charge</b>		
<b>Kilowatt-hour Charge</b>		
<b>On Peak</b>	\$ 0.09779 per kwhr	\$ 0.11167 per kwhr
<b>Off Peak</b>	\$ 0.04549 per kwhr	\$ 0.05954 per kwhr
<b>Transmission Service Charge</b>	\$ <del>0.010390.01145</del> per kwhr	\$ <del>0.010390.01145</del> per kwhr

**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.

## MD - PIV

Electric--P.S.C. Md. No. 1  
~~Fifteenth-Sixteenth~~ Revised Page No. 21.1

### 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

Date of Issue: ~~May 27~~ July 14, 2021

Date Effective: Usage on and after  
~~June~~ September 1, 2021

**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**

	Summer	Winter
Distribution Service Charge		
Customer Charge	\$ 8.01 per month	\$ 8.01 per month
Kilowatt-hour Charge	\$ 0.06595 per kwhr	\$ 0.03259 per kwhr
Generation Service Charge		
Kilowatt-hour Charge		
On Peak	\$ 0.10402 per kwhr	\$ 0.15341 per kwhr
Off Peak	\$ 0.04222 per kwhr	\$ 0.04981 per kwhr
Transmission Service Charge	\$ <del>0.040390</del> <u>0.01145</u> per kwhr	\$ <del>0.040390</del> <u>0.01145</u> per kwhr

**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.

Date of Issue: ~~May 27~~ July 14, 2021

Date Effective: Usage on and after  
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## MD – R-PIV

Electric--P.S.C. Md. No. 1  
~~Fourteenth~~ ~~Fifteenth~~ Revised Page No. 22.1

### 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

Date of Issue: ~~May 27~~ July 14, 2021

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**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 (included in Generation rates shown below)
 

Residential	\$0.00400 per kwh
Type I	\$0.00550 per kwh
Type II	\$0.00600 per kwh
4. Applicable taxes.

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.06516 per kwh	\$ 0.05864 per kwh	\$ 0.07062 per kwh

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.04039</del> 0.01145 per kwh	\$ <del>0.04039</del> 0.01145 per kwh

Procurement Cost Adjustment

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge			
On Peak	\$ 0.06621 per kwh	\$ 0.06932 per kwh	\$ 0.07131 per kwh
Intermediate	\$ 0.06708 per kwh	\$ 0.05815 per kwh	\$ 0.07223 per kwh
Off Peak	\$ 0.06305 per kwh	\$ 0.05585 per kwh	\$ 0.06879 per kwh

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.04040</del> 0.01148 per kwh	\$ <del>0.04040</del> 0.01148 per kwh

Procurement Cost Adjustment

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

**MD**Electric--P.S.C. Md. No. 1  
Seventy-~~Seventh~~~~Eighth~~ Revised Page No. 43.2**Schedule R-TOU-P**

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21-05/31/22
Kilowatt-hour Charge			
On Peak	\$ 0.18728 per kwhr	\$ 0.17541-19621 per kwhr	\$ 0.20032-19530 per kwhr
Off Peak	\$ 0.05740 per kwhr	\$ 0.05166-06172 per kwhr	\$ 0.06371-06128 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	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.06216 per kwhr	\$ 0.06151 per kwhr	\$ 0.06740 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00651-0.00770 per kwhr	\$ 0.00651-0.00770 per kwhr

Procurement Cost Adjustment

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.06216 per kwhr	\$ 0.06151 per kwhr	\$ 0.06740 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ 0.00541-0.00969 per kwhr	\$ 0.00541-0.00969 per kwhr

Procurement Cost Adjustment

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

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.05653 per kwhr	\$ 0.05274 per kwhr	\$ 0.06220 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 rateDate of Issue: ~~May 27~~ July 14, 2021Date Effective: Usage on and after  
~~June~~ September 1, 2021

**MD**Electric--P.S.C. Md. No. 1  
Seventy-~~Seventh~~<sup>Eighth</sup> Revised Page No. 43.3**Schedule OL**

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
<b>Mercury Vapor</b>			
175 Watt	\$ 4.15 per lamp	\$ 3.88 per lamp	\$ 4.57 per lamp
250 Watt	\$ 5.74 per lamp	\$ 5.35 per lamp	\$ 6.31 per lamp
400 Watt	\$ 8.80 per lamp	\$ 8.21 per lamp	\$ 9.69 per lamp
<b>High Pressure Sodium</b>			
100 Watt	\$ 2.37 per lamp	\$ 2.22 per lamp	\$ 2.61 per lamp
150 Watt	\$ 3.46 per lamp	\$ 3.23 per lamp	\$ 3.81 per lamp
400 Watt	\$ 5.84 per lamp	\$ 5.45 per lamp	\$ 6.42 per lamp

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**Schedule TN and Rider SL-TN**

Generation Service Charge	10/01/20-05/31/21	06/01/21 – 09/30/21	10/01/21 – 05/31/22
Kilowatt-hour Charge	\$ 0.05805 per kwhr	\$ 0.05694 per kwhr	\$ 0.06299 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00433</del> <del>0.00474</del> per kwhr	\$ <del>0.00433</del> <del>0.00474</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	09/01/20-11/30/20	12/01/20-02/28/21	03/01/21-05/31/21	06/01/21 – 08/31/21
<b>Kilowatt-hour Charge</b>				
On-Peak	\$0.05323 per kwhr	\$ 0.06792 per kwhr	\$0.05815 per kwhr	\$ 0.06499 per kwhr
Intermediate	\$0.05219 per kwhr	\$ 0.06830 per kwhr	\$0.05772 per kwhr	\$ 0.05986 per kwhr
Off-Peak	\$0.05133 per kwhr	\$ 0.06705 per kwhr	\$0.05254 per kwhr	\$ 0.05975 per kwhr

Transmission Service Charge	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00407</del> 0.00482 per kwhr	\$ <del>0.00407</del> 0.00482 per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.9008</del> 1.0666 per kw	
Maximum	\$ <del>0.6558</del> 0.7765 per kw	\$ <del>0.6558</del> 0.7765 per kw

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Procurement Cost Adjustment

See [www.pepco.com](http://www.pepco.com) for currently effective rateDate of Issue: ~~May 27~~ <sup>July 14</sup>, 2021Date Effective: Usage on and after  
~~June~~ <sup>September</sup> 1, 2021

## Schedule MGT 3A II

Generation Service Charge	09/01/20-11/30/20	12/01/20-02/28/21	03/01/21-05/31/21	06/01/21 -08/31/21
<b>Kilowatt-hour Charge</b>				
On-Peak	\$0.05279 per kwhr	\$ 0.06734 per kwhr	\$ 0.05767 per kwhr	\$ 0.06444 per kwhr
Intermediate	\$0.05176 per kwhr	\$ 0.06772 per kwhr	\$ 0.05723 per kwhr	\$ 0.05936 per kwhr
Off-Peak	\$0.05091 per kwhr	\$ 0.06648 per kwhr	\$ 0.05210 per kwhr	\$ 0.05925 per kwhr

Transmission Service Charge	Summer	Winter
<b>Kilowatt-hour Charge</b>	\$ <del>0.00389</del> 0.00454 per kwhr	\$ <del>0.00389</del> 0.00454 per kwhr
<b>Kilowatt Charge</b>		
On Peak	\$ <del>0.8453</del> 0.9874 per kw	
Maximum	\$ <del>0.6217</del> 0.7262 per kw	\$ <del>0.6217</del> 0.7262 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>0.00407</del> <u>0.00482</u> per kwhr	\$ <del>0.00407</del> <u>0.00482</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.99081</del> <u>0.0666</u> per kw	
Maximum	\$ <del>0.6558</del> <u>0.7765</u> per kw	\$ <del>0.6558</del> <u>0.7765</u> per kw

## Schedule MGT 3A III

	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00389</del> <u>0.00454</u> per kwhr	\$ <del>0.00389</del> <u>0.00454</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.8453</del> <u>0.9874</u> per kw	
Maximum	\$ <del>0.6217</del> <u>0.7262</u> per kw	\$ <del>0.6217</del> <u>0.7262</u> per kw

## Schedule GT LV

	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00363</del> <u>0.00431</u> per kwhr	\$ <del>0.00363</del> <u>0.00431</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.9627</del> <u>1.1418</u> per kw	
Maximum	\$ <del>0.7111</del> <u>0.8434</u> per kw	\$ <del>0.7111</del> <u>0.8434</u> per kw

## Schedule GT 3A

	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00356</del> <u>0.00385</u> per kwhr	\$ <del>0.00356</del> <u>0.00385</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.9655</del> <u>1.0429</u> per kw	
Maximum	\$ <del>0.7229</del> <u>0.7799</u> per kw	\$ <del>0.7229</del> <u>0.7799</u> per kw

## Schedule GT 3B

	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00341</del> <u>0.00359</u> per kwhr	\$ <del>0.00341</del> <u>0.00359</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.8937</del> <u>0.9417</u> per kw	
Maximum	\$ <del>0.6574</del> <u>0.6927</u> per kw	\$ <del>0.6574</del> <u>0.6927</u> per kw

## Schedule TM-RT

	Summer	Winter
Kilowatt-hour Charge	\$ <del>0.00391</del> <u>0.00296</u> per kwhr	\$ <del>0.00391</del> <u>0.00296</u> per kwhr
Kilowatt Charge		
On Peak	\$ <del>0.6809</del> <u>0.5148</u> per kw	
Maximum	\$ <del>0.4897</del> <u>0.3703</u> per kw	\$ <del>0.4897</del> <u>0.3703</u> 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).

Date of Issue: ~~May 27~~ July 14, 2021

Date Effective: Usage on and after  
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Potomac Electric Power Company  
Maryland  
July 14, 2021 Retail Transmission Rate Filing

Attachment B  
Page 1 of 1

Transmission Revenue Requirement  
Change in FERC Formula Rate Effective 6/1/2021  
Twelve Months Ended December 2020

(1) Transmission Enhancement Charge (\$/kW)	\$	5.83	Source: See Attachment C, Page 5 of 5, Column (I), Line (226), divided by 1000.
(2) Network Service Transmission Rate (\$/kW)	\$	30.08	Source: See Attachment D, Page 1 of 1, Line (10) divided by 1000.
(3) June 2021 - May 2022 EL05-121 Settlement Adjustments (\$/kW)	\$	1.94	Source: See Attachment E, Page 1 of 1, Column (B), Line (7), divided by 1000.
(4) Total Wholesale Transmission Rate (\$/kW)	\$	37.85	Calculation: Line (4) = Line (1) + Line (2) + Line (3)
(5) Total Wholesale Transmission Rate (\$/MW)	\$	37,848.19	Calculation: Line (5) = Line (4) X 1,000
(6) Pepco Zone - PJM Network Transmission Service Peak Load (2021) (MW)		5,887	Source: PJM Network Transmission Service Peak Loads for 2021
(7) Pepco Zone - June 2021 to May 2022 Transmission Revenue Requirement	\$	222,797,163.99	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 2021 - May 2022 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	\$ 49,319,194.08	1,436,502.42	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 54,369,018.66	\$ 5,049,824.58	10.24%
(9) RTM	\$ 8,920,465.38	260,120.97	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 9,845,108.28	\$ 924,642.90	10.37%
(10) Subtotal Residential	\$ 58,239,659.46	1,696,623.39					\$ 64,214,126.94	\$ 5,974,467.48	
<b>Small Commercial</b>									
(11) GS & EV	\$ 2,105,379.34	65,762.03	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 2,488,973.90	\$ 383,594.56	18.22%
(12) T	\$ 80,283.20	3,800.00	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 143,823.13	\$ 63,539.93	79.14%
(13) SL	\$ 595.81	21.97	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 831.52	\$ 235.71	39.56%
(14) OL	\$ -	-	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ -	\$ -	0.00%
(15) TN	\$ 76,390.41	2,209.86	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 83,639.20	\$ 7,248.80	9.49%
(16) Subtotal Small Commercial	\$ 2,262,648.76	71,793.86					\$ 2,717,267.76	\$ 454,619.00	
<b>Large Commercial</b>									
(17) MGT-LV	\$ 26,723,028.73	836,022.14	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 31,641,926.04	\$ 4,918,897.31	18.41%
(18) MGT-3A	\$ 589,003.20	18,178.47	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 688,022.21	\$ 99,019.02	16.81%
(19) GT-LV	\$ 5,972,134.51	187,153.66	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 7,083,427.56	\$ 1,111,293.05	18.61%
(20) GT-3A	\$ 9,101,515.46	259,750.13	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 9,831,072.66	\$ 729,557.20	8.02%
(21) GT-3B	\$ 1,552,929.61	43,233.39	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 1,636,305.62	\$ 83,376.01	5.37%
(22) RT	\$ 1,459,345.55	29,157.67	\$ 5.83	\$ 30.08	\$ 1.94	\$ 37.85	\$ 1,103,565.08	\$ (355,780.48)	-24.38%
(23) Subtotal Large Commercial	\$ 45,397,957.05	1,373,495.46					\$ 51,984,319.17	\$ 6,586,362.12	
(24) Total Jurisdiction	\$ 105,900,265.27	3,141,912.71					\$ 118,915,713.87	\$ 13,015,448.60	12.29%

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.

PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Non-Pepco Zone Required Transmission Enhancements

(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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(1) Amos-Bednoton 765 kV Circuit (AEP)	b0490.b0491	\$ 4,811,697	-	\$ 4,811,697	3.82%	\$ 183,803	4.887	\$ 37.26
(2) Amos-Bednoton 765 kV Circuit (APB)	b0490.b0491.dfax	\$ 4,811,697	-	\$ 4,811,697	6.11%	\$ 293,989	5.887	\$ 49.94
(3) Bednoton-Kennettown 500 kV Circuit	b0492.b0560	\$ 2,036,590	-	\$ 2,036,590	3.82%	\$ 77,729	5.887	\$ 13.24
(4) Bednoton-Kennettown 500 kV Circuit	b0492.b0560.dfax	\$ 2,036,590	-	\$ 2,036,590	6.11%	\$ 124,438	5.887	\$ 21.14
(5) PATH - Total		\$ 13,696,373	-	\$ 13,696,373		\$ 680,025		\$ 115.52

(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
TRAILCo	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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
502 Junction-Mt Storm-Meadowbrook (>=500kV) - CWIP	b0326.1.b0328.2.b0347.1.b0347.2.b0347.3.b0347.4	\$ 59,759,049	\$ -	\$ 59,759,049	3.82%	\$ 2,282,796	5.887	\$ 387.80
(6)	b0328.1.dfax	\$ -	\$ -	\$ -	0.00%	\$ -	5.887	\$ -
(7)	b0328.2.dfax	\$ 2,999,904	\$ -	\$ 2,999,904	0.00%	\$ -	5.887	\$ -
(8)	b0347.1.dfax	\$ 13,893,979	\$ -	\$ 13,893,979	21.56%	\$ 2,995,542	5.887	\$ 508.87
(9)	b0347.2.dfax	\$ 37,644,201	\$ -	\$ 37,644,201	0.00%	\$ -	5.887	\$ -
(10)	b0347.3.dfax	\$ 3,624,579	\$ -	\$ 3,624,579	21.56%	\$ 824,579	5.887	\$ 140.08
(11)	b0347.4.dfax	\$ 1,302,388	\$ -	\$ 1,302,388	0.00%	\$ -	5.887	\$ -
(12)	b0216	\$ 2,483,225	\$ -	\$ 2,483,225	3.82%	\$ 94,859	5.887	\$ 16.11
(13) Black Oak	b0216.dfax	\$ 2,483,225	\$ -	\$ 2,483,225	10.58%	\$ 262,725	5.887	\$ 44.63
(14)	b0230	\$ 3,406,832	\$ -	\$ 3,406,832	3.95%	\$ 134,579	5.887	\$ 22.86
(15) Install 4th Meadowbrook 500/195kV Transformer	b0559	\$ 331,804	\$ -	\$ 331,804	3.82%	\$ 12,675	5.887	\$ 2.15
(16) Install 200 MVAR capacitor at Meadow Brook 500 kV substation	b0559.dfax	\$ 331,804	\$ -	\$ 331,804	0.00%	\$ -	5.887	\$ -
(17)	b0229	\$ 774,445	\$ -	\$ 774,445	17.64%	\$ 137,218	5.887	\$ 23.33
(18) Install fourth Bednoton 500/138 kV	b0495	\$ 2,024,220	\$ -	\$ 2,024,220	3.82%	\$ 77,325	5.887	\$ 13.14
(19) Replace existing Kemmer 765/500 kV transformer with a new larger transformer	b0495.dfax	\$ 2,024,220	\$ -	\$ 2,024,220	16.83%	\$ 340,676	5.887	\$ 67.87
(20)	b0345	\$ 463,173	\$ -	\$ 463,173	35.20%	\$ 163,277	5.887	\$ 27.40
(21) Doubts - Replace 500/230 kV Transformer #4	b0344	\$ 632,704	\$ -	\$ 632,704	35.20%	\$ 222,712	5.887	\$ 37.83
(22) Replace Doubts 500/230 kV transformer #2	b0343	\$ 538,698	\$ -	\$ 538,698	35.19%	\$ 189,568	5.887	\$ 32.20
(23) Upgrade Coremanshough 500/230 kV transformer and add a new line from Coremanshough - Seward	b1153	\$ 2,249,954	\$ -	\$ 2,249,954	0.85%	\$ 17,675	5.887	\$ 3.04
(24) Build a 300 MVAR Switched Shunt at Doubts 500 kV and increase (~50 MVAR) in size the existing Switched Shunt at Doubts 500 kV	b1803	\$ 281,891	\$ -	\$ 281,891	3.82%	\$ 10,768	5.887	\$ 1.83
(25)	b1803.dfax	\$ 281,891	\$ -	\$ 281,891	9.40%	\$ 26,458	5.887	\$ 4.50
(26)	b1800	\$ 2,483,584	\$ -	\$ 2,483,584	3.82%	\$ 94,873	5.887	\$ 16.12
(27) Install a 500 MVAR SVC at the existing Huntersown 500 kV substation	b1800.dfax	\$ 2,483,584	\$ -	\$ 2,483,584	0.82%	\$ 21,787	5.887	\$ 3.69
(28) Install 300 MVAR capacitor at Coremanshough 500 kV substation	b1804	\$ 2,178,571	\$ -	\$ 2,178,571	3.82%	\$ 83,221	5.887	\$ 14.14
(29) Install a new 500 MVAR SVC at Meadowbrook 500 kV	b1804.dfax	\$ 2,178,571	\$ -	\$ 2,178,571	0.00%	\$ -	5.887	\$ -
(30)								
(31) TRAILCo Totals		\$ 148,149,492	\$ -	\$ 148,149,492		\$ 7,963,857		\$ 1,353.90



PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Non-Pepco Zone Required Transmission Enhancements

	(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	Pepco Zone Share	Pepco Zone Charges	Pepco Zone - PJM Network Transmission Service Peak Load (2021) MW	Transmission Enhancement Charge (\$/MW-Year)
030	Upgrade Mt. Storm - Doulos 500kV	b0217	\$ 106,166	\$ -	\$ 106,166	3.82%	\$ 4,056	5,887	\$ 0.69
034	Install 150 MVAR capacitor at Loudoun 500 kV	b0217_dflax	\$ 106,166	\$ -	\$ 106,166	9.40%	\$ 9,980	5,887	\$ 1.70
036	Install 150 MVAR capacitor at Loudoun 500 kV	b0222	\$ 86,208	\$ -	\$ 86,208	3.82%	\$ 3,293	5,887	\$ 0.56
038	Install 150 MVAR capacitor at Loudoun 500 kV	b0222_dflax	\$ 86,208	\$ -	\$ 86,208	0.00%	\$ -	5,887	\$ -
040	2nd Dooms 500/230 kV transformer addition	b0403	\$ 1,024,098	\$ -	\$ 1,024,098	2.20%	\$ 22,532	5,887	\$ 3.83
070	Install 500 kV breakers & 500 kV bus work at Suffolk	b0231	\$ 215,033	\$ -	\$ 215,033	3.82%	\$ 8,214	5,887	\$ 1.39
072	Install 500/230 kV transformer at Bristers build new 230 kV Bristers-Gainsville circuit, upgrade two Loudoun-Loudoun circuit	b0227	\$ 2,221,000	\$ -	\$ 2,221,000	12.20%	\$ 270,962	5,887	\$ 46.03
086	Replace existing MOD on the 500 kV side of the transformer with a circuit breaker	b0455	\$ 359,568	\$ -	\$ 359,568	7.67%	\$ 27,579	5,887	\$ 4.69
090	Replace existing MOD on the 500 kV side of the transformer with a circuit breaker	b0226	\$ 869,048	\$ -	\$ 869,048	7.04%	\$ 61,181	5,887	\$ 10.39
094	Reconductor 3.4 miles of Edinburg - Mt. Jackson 115 kV	b0458	\$ 515,122	\$ -	\$ 515,122	14.00%	\$ 72,375	5,887	\$ 12.29
124	Install Meadow Brook - Loudoun 500 kV circuit	b0328.1	\$ 13,146,543	\$ -	\$ 13,146,543	3.82%	\$ 502,274	5,887	\$ 85.33
143	Install 500/230 kV transformer	b0228.1_dflax	\$ 13,146,543	\$ -	\$ 13,146,543	0.00%	\$ -	5,887	\$ -
144	Replace existing MOD on the 500 kV side of the transformer with a circuit breaker	b0453.3	\$ 373,132	\$ -	\$ 373,132	3.88%	\$ 14,403	5,887	\$ 2.45
145	Replace existing MOD on the 500 kV side of the transformer with a circuit breaker	b0837	\$ 40,976	\$ -	\$ 40,976	3.82%	\$ 1,565	5,887	\$ 0.27
146	Install Hantonsburg Valley 230 kV circuit	b0327	\$ 667,826	\$ -	\$ 667,826	4.03%	\$ 26,913	5,887	\$ 4.57
147	Build Carson - Suffolk 500 kV, install 2nd Suffolk 500/230 kV transformer & build Suffolk - Fentress 230 kV circuit	b0329.2B	\$ 9,615,508	\$ -	\$ 9,615,508	3.82%	\$ 367,312	5,887	\$ 62.40
148	Reconductor the Dickerson - Pleasant View 230 kV circuit	b0407.2	\$ 694,933	\$ -	\$ 694,933	43.80%	\$ 251,226	5,887	\$ 43.02
149	Upgrade Mt. Storm 500 kV substation	b0328.3	\$ 811,961	\$ -	\$ 811,961	3.82%	\$ 31,017	5,887	\$ 5.27
150	Upgrade Loudoun 500 kV substation	b0328.4	\$ 181,488	\$ -	\$ 181,488	3.82%	\$ 6,933	5,887	\$ 1.18
051	Upgrade Loudoun 500 kV substation	b0328.4_dflax	\$ 181,488	\$ -	\$ 181,488	0.00%	\$ -	5,887	\$ -
054	Convent Remington - Sowerby 115 kV to 230 kV	b0453.1	\$ 167,152	\$ -	\$ 167,152	3.88%	\$ 6,452	5,887	\$ 1.10
054	Convent Sowerby - Gainesville 230 kV	b0453.2	\$ 1,679,443	\$ -	\$ 1,679,443	3.88%	\$ 64,626	5,887	\$ 11.01
040	Rebuild Mt. Storm - Doulos 500 kV	b1507	\$ 19,046,998	\$ -	\$ 19,046,998	3.82%	\$ 727,696	5,887	\$ 123.66
050	Rebuild Mt. Storm - Doulos 500 kV	b1507_dflax	\$ 19,046,998	\$ -	\$ 19,046,998	9.40%	\$ 1,790,418	5,887	\$ 304.15
051	Replace both wave traps on Dooms - Lexington 500 kV	b0447	\$ 6,013	\$ -	\$ 6,013	3.82%	\$ 228	5,887	\$ 0.04
057	Replace wave traps on North Anna to Ladysmith 500 kV	b0784	\$ 4,171	\$ -	\$ 4,171	3.82%	\$ 159	5,887	\$ 0.03
058	Install 2nd Crow 500/230 kV Transformer and a 150MVA capacitor	b1224	\$ 1,600,887	\$ -	\$ 1,600,887	11.04%	\$ 177,400	5,887	\$ 30.14
059	Upgrade the name plate ratings at Morrisville 500 kV breaker H1723 with 50 kA breaker	b1647	\$ 919	\$ -	\$ 919	3.82%	\$ 35	5,887	\$ 0.01
060	Upgrade the name plate ratings at Morrisville 500 kV breaker H27545 with 50 kA breaker	b1648	\$ 919	\$ -	\$ 919	3.82%	\$ 35	5,887	\$ 0.01
061	Replace Morrisville 500 kV breaker H17580 with 50 kA breaker	b1649	\$ 48,492	\$ -	\$ 48,492	3.82%	\$ 1,852	5,887	\$ 0.31
062	Replace Morrisville 500 kV breaker H27560 with 50 kA breaker	b1650	\$ 49,492	\$ -	\$ 49,492	3.82%	\$ 1,852	5,887	\$ 0.31
063	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	b1188.6	\$ 1,951,990	\$ -	\$ 1,951,990	14.76%	\$ 288,114	5,887	\$ 48.84
064	Build new Brambleton 500 kV three breaker ring bus connected to the Loudoun to Pleasant View 500 kV line	b1188	\$ 77,467	\$ -	\$ 77,467	3.82%	\$ 2,959	5,887	\$ 0.50
065	Install a 500 kV breaker at Brambleton	b1681	\$ -	\$ -	\$ -	0.00%	\$ -	5,887	\$ -
066	Build a new 230 kV line North Anna - Oak Green and install a 224 MVA 230/115 kV transformer at Oak Green	b1321	\$ 4,660,591	\$ -	\$ 4,660,591	1.19%	\$ 55,461	5,887	\$ 9.43
067	Install two 500 kV breakers at Chancellor 500 kV	b0756.1	\$ 238,571	\$ -	\$ 238,571	3.82%	\$ 9,113	5,887	\$ 1.56
068	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV	b1797	\$ 1,059,215	\$ -	\$ 1,059,215	3.82%	\$ 40,462	5,887	\$ 6.87
069	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV	b1797_dflax	\$ 1,059,215	\$ -	\$ 1,059,215	43.00%	\$ 461,818	5,887	\$ 78.45
070	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	b1799	\$ 1,533,647	\$ -	\$ 1,533,647	3.82%	\$ 58,585	5,887	\$ 9.95
071	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	b1799_dflax	\$ 1,533,647	\$ -	\$ 1,533,647	0.83%	\$ 12,729	5,887	\$ 2.16
072	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	b1798	\$ 6,499,151	\$ -	\$ 6,499,151	3.82%	\$ 245,268	5,887	\$ 42.18
073	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	b1798_dflax	\$ 6,499,151	\$ -	\$ 6,499,151	0.00%	\$ -	5,887	\$ -
074	Install a 250 MVAR SVC at the existing Mt. Storm 500kV substation	b1805	\$ 2,163,571	\$ -	\$ 2,163,571	3.82%	\$ 82,648	5,887	\$ 14.04
075	Install a 250 MVAR SVC at the existing Mt. Storm 500kV substation	b1805_dflax	\$ 2,163,571	\$ -	\$ 2,163,571	21.56%	\$ 866,466	5,887	\$ 149.24
076	At Yadkin 500 kV, install six 500 kV breakers	b1906.1	\$ 600,260	\$ -	\$ 600,260	3.82%	\$ 22,630	5,887	\$ 3.90
077	Rebuild Lexington - Dooms 500 kV	b1908	\$ 7,540,248	\$ -	\$ 7,540,248	3.82%	\$ 284,037	5,887	\$ 48.83
078	Supply 500 kV Station Work	b1905.2	\$ 113,858	\$ -	\$ 113,858	3.82%	\$ 4,349	5,887	\$ 0.74
079	Install a 2nd 500/230 kV transformer at Brambleton	b1698	\$ 2,688,977	\$ -	\$ 2,688,977	22.04%	\$ 992,651	5,887	\$ 166.68
080	Install a 2nd 500/230 kV TX at Crow	b1907	\$ 2,344,940	\$ -	\$ 2,344,940	7.64%	\$ 175,153	5,887	\$ 30.43
081	Upgrade Breno - Midohian 230 kV to its maximum operating temperature	b1909	\$ 416,388	\$ -	\$ 416,388	7.98%	\$ 31,228	5,887	\$ 5.64
082	Reconductor line #2104 (Fredericksburg - Corners Corner 230 kV)	b1701	\$ 390,991	\$ -	\$ 390,991	17.09%	\$ 66,620	5,887	\$ 11.35
083	Wreck and rebuild 2.1 mile section of Line #11 section between Gordonsville and Somerset	b1791	\$ 409,904	\$ -	\$ 409,904	9.54%	\$ 30,029	5,887	\$ 5.03
084	Rebuild Loudoun - Brambleton 500 kV Rebuild Loudoun - Brambleton 500 kV	b1694	\$ 2,839,814	\$ -	\$ 2,839,814	3.82%	\$ 108,481	5,887	\$ 18.43
085	Rebuild Loudoun - Brambleton 500 kV Rebuild Loudoun - Brambleton 500 kV	b1694_dflax	\$ 2,839,814	\$ -	\$ 2,839,814	10.00%	\$ 285,401	5,887	\$ 48.48
086	Add a second Valley 500/230 kV TX	b1911	\$ 2,667,117	\$ -	\$ 2,667,117	7.83%	\$ 211,502	5,887	\$ 35.93
087	Replace Midohian 500 kV breaker 5637576 and motor operated switches with 3 breaker 500 kV ring bus	b0471	\$ 474,161	\$ -	\$ 474,161	3.82%	\$ 18,113	5,887	\$ 3.08
088	Supply to Shiffes Creek 500 kV line	b1905.1	\$ 19,981,988	\$ -	\$ 19,981,988	3.82%	\$ 753,312	5,887	\$ 128.67
089	Wheaton 230 kV breakers	b1905.5	\$ 67,835	\$ -	\$ 67,835	0.16%	\$ 1,075	5,887	\$ 0.18
090	Replace the 1st/wood 230 kV breaker	b1696	\$ (625,569)	\$ -	\$ (625,569)	1.34%	\$ (8,383)	5,887	\$ (1.42)
091	Shiffes Creek 500/230 kV TX and Switching Station	b1905.3	\$ 13,601,088	\$ -	\$ 13,601,088	0.16%	\$ 21,782	5,887	\$ 3.73
092	New Shiffes Creek - Wheaton 230 kV circuit	b1905.4	\$ 13,600,460	\$ -	\$ 13,600,460	0.16%	\$ 21,775	5,887	\$ 3.70
093	Rebuild the Carson - Rogers Rd 600 kV circuit	b2744	\$ 3,135,117	\$ -	\$ 3,135,117	3.82%	\$ 119,761	5,887	\$ 20.34
094	Rebuild the Carson - Rogers Rd 600 kV circuit	b2443	\$ (120,476)	\$ -	\$ (120,476)	2.71%	\$ (2,265)	5,887	\$ (0.39)
095	Rebuild the Carson - Rogers Rd 600 kV circuit	b1905.6	\$ (82,289)	\$ -	\$ (82,289)	0.16%	\$ (1,324)	5,887	\$ (0.22)
096	Rebuild the Carson - Rogers Rd 600 kV circuit	b1905.7	\$ (42,911)	\$ -	\$ (42,911)	0.16%	\$ (698)	5,887	\$ (0.12)
097	Rebuild the Carson - Rogers Rd 600 kV circuit	b1905.9	\$ (693,911)	\$ -	\$ (693,911)	0.16%	\$ (7,779)	5,887	\$ (1.33)
098	Rebuild the Carson - Rogers Rd 600 kV circuit	b2373	\$ 2,691,293	\$ -	\$ 2,691,293	3.82%	\$ 102,607	5,887	\$ 17.46
099	Rebuild the Carson - Rogers Rd 600 kV circuit	b2729	\$ 861,347	\$ -	\$ 861,347	20.23%	\$ 175,296	5,887	\$ 30.29
100	Rebuild the Carson - Rogers Rd 600 kV circuit	b2666	\$ 5,155,654	\$ -	\$ 5,155,654	3.82%	\$ 195,965	5,887	\$ 33.45
101	Rebuild the Carson - Rogers Rd 600 kV circuit	b2758	\$ 3,955,762	\$ -	\$ 3,955,762	3.82%	\$ 151,110	5,887	\$ 25.67
102	Rebuild the Carson - Rogers Rd 600 kV circuit	b2628	\$ 995,223	\$ -	\$ 995,223	3.82%	\$ 36,218	5,887	\$ 6.25
103	Rebuild the Carson - Rogers Rd 600 kV circuit	b2660.1	\$ 977,210	\$ -	\$ 977,210	3.82%	\$ 37,329	5,887	\$ 6.34
104	Rebuild the Carson - Rogers Rd 600 kV circuit	b2660.2	\$ 1,126,360	\$ -	\$ 1,126,360	3.82%	\$ 43,027	5,887	\$ 7.31
105	Rebuild the Carson - Rogers Rd 600 kV circuit	b2642	\$ 5,691,089	\$ -	\$ 5,691,089	3.82%	\$ 217,490	5,887	\$ 38.30
106	Rebuild the Carson - Rogers Rd 600 kV circuit	b2678	\$ 2,601,326	\$ -	\$ 2,601,326	3.82%	\$ 99,371	5,887	\$ 16.88
107	Rebuild the Carson - Rogers Rd 600 kV circuit	b2759	\$ 3,479,921	\$ -	\$ 3,479,921	3.82%	\$ 130,131	5,887	\$ 22.12
108	Dominion Virginia Power - Totals		\$ 223,980,217	\$ -	\$ 223,980,217		\$ 10,591,950		\$ 1,754.04

PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Non-Pepco Zone Required Transmission Enhancements

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)	(H)	(I) = (G) / (H)
	PSE&G	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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(1098)	Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 1,268,128	\$ -	\$ 1,268,128	3.82%	\$ 48,442	5,887	\$ 8.23
(1100)	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland	b0499	\$ 40,992,944	\$ -	\$ 40,992,944	3.82%	\$ 1,565,930	5,887	\$ 266.02
(1111)	Replace wire tap at Branchburg 500 kV	b0172	\$ 1,281	\$ -	\$ 1,281	3.82%	\$ 49	5,887	\$ 0.01
(1112)	Reconductor Hudson - South Waterfront 230 kV	b0813	\$ 904,290	\$ -	\$ 904,290	1.11%	\$ 10,038	5,887	\$ 1.71
(1113)	Replace Roseland 230 kV breakers 42V, 51V, 71H, 31H and 11H with 80 kA	b0489.5-9	\$ 304,259	\$ -	\$ 304,259	3.82%	\$ 11,775	5,887	\$ 2.00
(1114)	Replace Salem 500 kV breakers 11V, 12V, 20V, 21V, 31V, and 32V	b0141a-1415	\$ 841,178	\$ -	\$ 841,178	3.82%	\$ 32,133	5,887	\$ 5.46
(1115)	Install 400 MVAR capacitor in the Branchburg 500 kV vicinity	b0290	\$ 3,922,719	\$ -	\$ 3,922,719	3.82%	\$ 149,848	5,887	\$ 25.46
(1116)	Build two new parallel underground circuits from Gloucester to Camden	b1398	\$ 47,766,219	\$ -	\$ 47,766,219	0.57%	\$ 272,267	5,887	\$ 46.25
(1117)	Convert D1304 and G1307 138kV to 230kV, expand Bergen sub, reconfigure Athena sub, build 2nd 230 kV UG cable from Bergen to Athena build 2nd 230 kV UG cable from Hudson to S. Waterfront	b1304.1-4	\$ 69,228,973	\$ -	\$ 69,228,973	1.04%	\$ 718,981	5,887	\$ 122.31
(1118)	Convert the Marion - Bayonne "L" 138kV circuit to 345 kV and any associated substation upgrades	b02436.21	\$ 3,879,431	\$ -	\$ 3,879,431	3.82%	\$ 143,080	5,887	\$ 25.16
(1119)	Convert the Marion - Bayonne "C" 138kV circuit to 345 kV and any associated substation upgrades	b02436.22	\$ 2,865,744	\$ -	\$ 2,865,744	3.82%	\$ 109,471	5,887	\$ 18.60
(1120)	Relocate the OH portion of Linden - North Ave. "T" 138 kV circuit to Bayway, convert to 345kV	b02436.81	\$ 3,447,733	\$ -	\$ 3,447,733	3.82%	\$ 131,703	5,887	\$ 22.37
(1121)	Convert the Bayway - Linden "Z" 138kV circuit to 345 kV and any associated substation upgrades	b02436.85	\$ 3,447,733	\$ -	\$ 3,447,733	3.82%	\$ 131,703	5,887	\$ 22.37
(1123)	Relocate Farragut - Hudson "B" and "C" 345 kv circuits to Marion 345 kV and any assoc substation upgrades	b02436.90	\$ 1,718,217	\$ -	\$ 1,718,217	3.82%	\$ 65,636	5,887	\$ 11.16
(1124)	Upgrade the PSEG portion of the Camden - Richmond 230 kV circuit to six wire conductor	b1690	\$ 1,217,983	\$ -	\$ 1,217,983	1.93%	\$ 23,507	5,887	\$ 3.99
(1125)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	b2436.10	\$ 9,971,442	\$ -	\$ 9,971,442	3.82%	\$ 380,909	5,887	\$ 64.71
(1126)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.84	\$ 3,417,690	\$ -	\$ 3,417,690	3.82%	\$ 130,549	5,887	\$ 22.18
(1126)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.89	\$ 3,419,872	\$ -	\$ 3,419,872	3.82%	\$ 130,639	5,887	\$ 22.19
(1127)	Install 300 MVAR capacitor at Conemaugh 500 kV substation	b0376	\$ 61,314	\$ -	\$ 61,314	3.82%	\$ 2,342	5,887	\$ 0.40
(1128)	Install a 300 MVAR reactor at Roseland 500 kV	b2702	\$ 1,291,666	\$ -	\$ 1,291,666	3.82%	\$ 49,342	5,887	\$ 8.38
(1130)		b2633.4	\$ 2,004,378	\$ -	\$ 2,004,378	3.82%	\$ 76,567	5,887	\$ 13.01
	<b>PSE&amp;G - Totals</b>		<b>\$ 201,873,999</b>	<b>\$ -</b>	<b>\$ 201,873,999</b>		<b>\$ 4,190,913</b>		<b>\$ 711.94</b>

PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Non-Pepco Zone Required Transmission Enhancements

(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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(131)	Build new 500 kV transmission facilities from Susquehanna to Pennsylvania - New Jersey border at Bushkill	b0487	\$ 37,086,893	\$ -	\$ 37,086,893	3.82%	\$ 1,416,719	5,887	\$ 240.67
(132)	Replace wye trap at Hosenack 500kV substation to increase rating of Elroy - Hosenack 500 kV	b0717.2	\$ 4,169	\$ -	\$ 4,169	3.82%	\$ 159	5,887	\$ 0.03
(133)	Replace wye trap at Alburtis 500kV substation	b0717.1	\$ 2,993	\$ -	\$ 2,993	3.82%	\$ 114	5,887	\$ 0.02
(134)	Replace two wave traps at Juniata 500 kV - on the Juniata - Aiydville 500kV	b0284.2	\$ 8,055	\$ -	\$ 8,055	3.82%	\$ 231	5,887	\$ 0.04
(135)	Install North Lancaster 500/230 kV sub 500 kV portion	b0586.1	\$ 2,484,971	\$ -	\$ 2,484,971	3.82%	\$ 91,870	5,887	\$ 15.61
(136)	110 kVAR shunt reactor at Alburtis 500 kV	b2637	\$ 87,952	\$ -	\$ 87,952	3.82%	\$ 3,365	5,887	\$ 0.57
(137)		b2716	\$ 811,061	\$ -	\$ 811,061	3.82%	\$ 30,983	5,887	\$ 5.26
(138)		b2824	\$ 992,324	\$ -	\$ 992,324	3.82%	\$ 37,607	5,887	\$ 6.44
(139)	PPL Electric Utilities Corp. dba PPL Utilities - Totals		\$ 42,182,413	\$ -	\$ 42,182,412.56		\$ 1,611,368		\$ 273.73

(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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(140)	Replace both Constance 500/230 kV transformers with larger transformers	b0038	\$ 6,195,174	\$ -	\$ 6,195,174	7.88%	\$ 488,180	5,887	\$ 82.93
(141)	Replace in-service transformer on standby	b0244	\$ 4,613,094	\$ -	\$ 4,613,094	13.61%	\$ 367,842	5,887	\$ 106.66
(142)	Replace the Waugh Chapel 500/230 kV transformer #1 with three single phase transformers	b0477	\$ 2,933,541	\$ -	\$ 2,933,541	4.01%	\$ 117,635	5,887	\$ 19.98
(143)	Rebuild Goochton-Bagley 230 kV as double circuit line	b1016	\$ 11,671,119	\$ -	\$ 11,671,119	6.66%	\$ 777,297	5,887	\$ 132.05
(144)	Build a second Raphael - Bagley 230 kV	b1251	\$ 3,131,602	\$ -	\$ 3,131,602	5.21%	\$ 163,156	5,887	\$ 27.72
(145)	Rebuild the existing Raphael-Bagley 230 kV	b1251.1	\$ 3,923,377	\$ -	\$ 3,923,377	5.21%	\$ 204,721	5,887	\$ 34.76
(146)		b2766.1	\$ 1,132,402	\$ -	\$ 1,132,402	3.82%	\$ 43,258	5,887	\$ 7.35
(147)		b2766.1 dbax	\$ 1,132,402	\$ -	\$ 1,132,402	12.59%	\$ 142,569	5,887	\$ 24.22
(148)		b2992.3	\$ 87,986	\$ -	\$ 87,986	20.53%	\$ 18,064	5,887	\$ 3.07
(149)		b2992.4	\$ 2,956,492	\$ -	\$ 2,956,492	20.53%	\$ 606,968	5,887	\$ 103.11
(150)	Baltimore Gas & Electric - Totals		\$ 37,783,188	\$ -	\$ 37,783,188.00		\$ 3,189,689		\$ 541.86

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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
(151)	Add two advanced technology circuit breakers at Hanging Rock 765 kV to improve operational performance	b0504	\$ 371,854	\$ -	\$ 371,854	3.82%	\$ 14,205	5,887	\$ 2.41
(152)	Install a 765/138 kV transformer at Amos	b1018	\$ 1,280,264	\$ -	\$ 1,280,264	1.00%	\$ 12,803	5,887	\$ 2.17
(153)	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	\$ 884,796	\$ -	\$ 884,796	3.82%	\$ 33,799	5,887	\$ 5.74
(154)	Make switchgear improvements at Sullivan and Jefferson 750 kV stations	b1465.4	\$ 329,801	\$ -	\$ 329,801	3.82%	\$ 12,565	5,887	\$ 2.13
(155)	Transpose the Rockport - Sullivan 765 kV line with the Rockport - Jefferson 765 kV line	b1465.3	\$ 1,157,756	\$ -	\$ 1,157,756	3.82%	\$ 44,226	5,887	\$ 7.51
(156)	Rebuild the Altona - Leesville 138 kV line	b1712.2	\$ 234,659	\$ -	\$ 234,659	24.70%	\$ 58,010	5,887	\$ 9.85
(157)	Rebuild Amos - Kanawha River 138 kV corridor	b2020	\$ 22,237,246	\$ -	\$ 22,237,246	0.02%	\$ 4,447	5,887	\$ 0.76
(158)	Add 345/138 transformer at Sporn, Kanawha River & Muskingum River stations	b2021	\$ 6,051,219	\$ -	\$ 6,051,219	0.04%	\$ 2,420	5,887	\$ 0.41
(159)	Build approximately 14 miles of 765 kV line from existing Dumont - Mayeville line	b1659.1.4	\$ 3,860,856	\$ -	\$ 3,860,856	3.82%	\$ 147,628	5,887	\$ 25.11
(160)	Install a 765 kV circuit breaker at Wyoming station	b1861	\$ 124,222	\$ -	\$ 124,222	3.82%	\$ 4,745	5,887	\$ 0.81
(161)	Add four 765 kV breakers at Kammer	b1862	\$ 1,317,192	\$ -	\$ 1,317,192	3.82%	\$ 50,317	5,887	\$ 8.55
(162)	Install a 765/500 kV transformer at Cloverdale	b1960	\$ 197,588	\$ -	\$ 197,588	3.82%	\$ 7,548	5,887	\$ 1.28
(163)	Cloverdale: install 6-765 kV breakers, incremental work for 2 additional breakers, reconfigure and relocate miscellaneous feedlines, establish 500 kV station and 500 kV tie with 765 kV station	b1960.1	\$ 1,714,518	\$ -	\$ 1,714,518	3.82%	\$ 66,495	5,887	\$ 11.13
(164)	Install a new 765/138 kV transformer at Jackson Ferry substation	b1963.2	\$ 297,804	\$ -	\$ 297,804	3.82%	\$ 11,358	5,887	\$ 1.93
(165)	Reconduct the AEP portion of the Cloverdale - Lexington 500 kV line	b1797.1	\$ 2,782,878	\$ -	\$ 2,782,878	3.82%	\$ 106,306	5,887	\$ 18.06
(166)	Rebuild at above	b1797.1 dbax	\$ 2,782,878	\$ -	\$ 2,782,878	43.00%	\$ 1,211,308	5,887	\$ 206.12
(167)	Establish 765 kV yard at Sorenson and install four 765 kV breakers	b1659.1.3	\$ 3,055,256	\$ -	\$ 3,055,256	3.82%	\$ 116,711	5,887	\$ 19.83
(168)	Add an additional 765/245 kV transformer	b1495	\$ 4,200,649	\$ -	\$ 4,200,649	0.94%	\$ 39,486	5,887	\$ 6.71
(169)	Perform site study on Altona/Leesville 138 kV line	b1712.1	\$ 28,012	\$ -	\$ 28,012	24.70%	\$ 6,919	5,887	\$ 1.16
(170)	Add a 3rd 2250 MVA 765/245 kV transformer	b1465.1	\$ 4,032,529	\$ -	\$ 4,032,529	1.66%	\$ 66,943	5,887	\$ 11.37
(171)	Replace existing 150 MVAR reactor at Amos	b2230	\$ 780,177	\$ -	\$ 780,177	3.82%	\$ 29,803	5,887	\$ 5.06
(172)	Install a 300 MVAR Shunt Reactor at Wyoming	b2423	\$ 1,226,367	\$ -	\$ 1,226,367	3.82%	\$ 48,847	5,887	\$ 7.98
(173)	Install a +/- 450 MVAR SVC at Jacksons Ferry 765 kV sub	b2687.1	\$ 3,882,672	\$ -	\$ 3,882,672	3.82%	\$ 148,318	5,887	\$ 25.20
(174)	Install a 300 MVAR Shunt line reactor on the Broadford end of the Broadford/Jacksons Ferry 765 kV line	b2687.2	\$ 544,739	\$ -	\$ 544,739	3.82%	\$ 20,809	5,887	\$ 3.53
(175)		b1465.5	\$ 543,215	\$ -	\$ 543,215	3.82%	\$ 20,751	5,887	\$ 3.53
(176)	AEP East - Totals		\$ 63,927,143	\$ -	\$ 63,927,142.56		\$ 2,285,997		\$ 388.34

PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Non-Pepco Zone Required Transmission Enhancements

(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 (2021) (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 Chumbeek - Cumberland 230kV circuit.		b0210A	\$ 1,147,391	\$ -	\$ 1,147,391	3.82%	\$ 43,830	5,887	\$ 7.45
Reconductor the entire Mickleton - Deptford 230kV line		b1398.5	\$ 417,331	\$ -	\$ 417,331	0.57%	\$ 2,350	5,887	\$ 0.40
Mickleton - Deptford 230kV terminal		b1398.3.1	\$ 1,286,821	\$ -	\$ 1,286,821	0.57%	\$ 7,335	5,887	\$ 1.25
Atlantic City Electric - Totals			\$ 2,841,543	\$ -	\$ 2,841,543		\$ 53,515		\$ 9.09
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Replace line trap and disconnect switch at Keeney 500 kV substation - 5025 Line Terminal Upgrade		b0272.1	\$ 10,445	\$ -	\$ 10,445	3.82%	\$ 399	5,887	\$ 0.07
Add two additional breakers at Keeney 500 kV		b0272.1_dbrx	\$ 10,445	\$ -	\$ 10,445	1.52%	\$ 159	5,887	\$ 0.03
		b0751	\$ 245,984	\$ -	\$ 245,984	3.82%	\$ 9,287	5,887	\$ 1.57
Delmarva Power & Light - Totals			\$ 263,474	\$ -	\$ 263,474		\$ 9,824		\$ 1.67
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Install a new 500/230kV substation in PECO area. The high side will be tapped on the Elroy - Whitpain 500kV circuit and the low side will be tapped on the North Wales - Perkasie 230kV circuit.		b0269	\$ 1,557,845	\$ -	\$ 1,557,845	3.82%	\$ 59,510	5,887	\$ 10.11
Reconductor the VJ portion of the Richmond-Warrenton 230kV and rpl. terminal equipment		b1591	\$ 1,176,173	\$ -	\$ 1,176,173	2.79%	\$ 32,648	5,887	\$ 5.55
Add a new 500 kV breaker at Whitpain		b0069.6	\$ 215,363	\$ -	\$ 215,363	3.82%	\$ 8,112	5,887	\$ 1.38
Replace two 500 kV circuit breakers and two wave traps at Elroy substation		b0171.1	\$ 287,592	\$ -	\$ 287,592	3.82%	\$ 10,986	5,887	\$ 1.87
Upgrade the PECO portion of the Camden-Richmond 230 kV to a six wire conductor and rpl. Terminal equipment		b1590.1-b1590.2	\$ 1,518,548	\$ -	\$ 1,518,548	1.93%	\$ 25,308	5,887	\$ 4.98
Reconductor Richmond-Warrenton 230 kV and replace terminal equipment at substations		b1388.8	\$ 149,032	\$ -	\$ 149,032	0.57%	\$ 849	5,887	\$ 0.14
Install 600 MVAR Dynamic Reactive Device at Whitpain 500 kV substn.		b0287	\$ 242,546	\$ -	\$ 242,546	3.82%	\$ 9,285	5,887	\$ 1.57
		b2766.2	\$ 82,227	\$ -	\$ 82,227	3.82%	\$ 3,141	5,887	\$ 0.53
		b2768.2_dbrx	\$ 82,227	\$ -	\$ 82,227	12.59%	\$ 10,352	5,887	\$ 1.76
PECO - Totals			\$ 5,302,532	\$ -	\$ 5,302,532		\$ 164,171.99		\$ 27.88
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Install 250 MVAR capacitor at Keystone 230 kV		b0749	\$ 227,707	\$ -	\$ 227,707	3.82%	\$ 8,698	5,887	\$ 1.48
Convert the 2028 TMMHennepack 500 kV line to the Lanchester		b2098.1.1	\$ 348,103	\$ -	\$ 348,103	3.82%	\$ 13,221	5,887	\$ 2.25
Install 2nd Hunterstown 230/115 kV transformer		b2452	\$ 901,956	\$ -	\$ 901,956	15.75%	\$ 142,054	5,887	\$ 24.13
Reconductor Hunterstown - Onond 155 kV line		b2452.1	\$ 443,617	\$ -	\$ 443,617	15.75%	\$ 69,870	5,887	\$ 11.87
		b2473.2	\$ 153,527	\$ -	\$ 153,527	20.88%	\$ 23,283	5,887	\$ 4.45
		b2473.3	\$ 21,096	\$ -	\$ 21,096	20.88%	\$ 4,405	5,887	\$ 0.75
		b2473.4	\$ 5,700	\$ -	\$ 5,700	20.88%	\$ 1,190	5,887	\$ 0.20
		b2688.1	\$ 1,890,460	\$ -	\$ 1,890,460	15.85%	\$ 299,638	5,887	\$ 50.80
		b2684.3	\$ 3,362	\$ -	\$ 3,362	3.82%	\$ 128	5,887	\$ 0.02
		b0369	\$ 164,747	\$ -	\$ 164,747	3.82%	\$ 6,293	5,887	\$ 1.07
Mid-Atlantic Interstate Transmission LLC - Totals			\$ 4,158,365	\$ -	\$ 4,158,365		\$ 577,465		\$ 98.12
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Build new 230 kV circuit line between Furnace Run and Conastone 230 kV operated as a single circuit		b2743.5, b2752.5	\$ 1,912,885	\$ -	\$ 1,912,885	20.88%	\$ 399,410	5,887	\$ 67.85
Transource Maryland LLC - Totals			\$ 1,912,885	\$ -	\$ 1,912,885		\$ 399,410		\$ 67.85
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
Build new 230 kV circuit line between Furnace Run and Conastone 230 kV operated as a single circuit		b743.5, b2743.1, b2752.5, 2752	\$ 10,546,377	\$ -	\$ 10,546,377	20.88%	\$ 2,202,084	5,887	\$ 374.08
Transource Pennsylvania LLC - Totals			\$ 10,546,377	\$ -	\$ 10,546,377		\$ 2,202,084		\$ 374.08
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
		b2971	\$ 946,409	\$ -	\$ 946,409	5.80%	\$ 54,892	5,887	\$ 9.32
		b2973	\$ 811,760	\$ -	\$ 811,760	5.05%	\$ 49,894	5,887	\$ 8.96
		b2975	\$ 919,973	\$ -	\$ 919,973	1.93%	\$ 13,338	5,887	\$ 2.27
Northern Indiana Public Service Totals			\$ 2,669,142	\$ -	\$ 2,669,142		\$ 109,823		\$ 18.69
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
		b2692.1-b2692.2	\$ 1,353,276	\$ -	\$ 1,353,276	3.95%	\$ 48,177	5,887	\$ 8.18
Commonwealth Edison Totals			\$ 1,353,276	\$ -	\$ 1,353,276		\$ 48,177		\$ 8.18
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 (2021) (MW)	Transmission Enhancement Charge (\$/MW-Year)
		b0577	\$ 17,305	\$ -	\$ 17,305	3.82%	\$ 661	5,887	\$ 0.11
		b0238	\$ 393,277	\$ -	\$ 393,277	49.88%	\$ 196,100	5,887	\$ 33.31
		b1507.2	\$ 7,236	\$ -	\$ 7,236	3.82%	\$ 276	5,887	\$ 0.05
		b1507.2_dbrx	\$ 2,236	\$ -	\$ 2,236	9.40%	\$ 689	5,887	\$ 0.12
		b1507.3	\$ 961,024	\$ -	\$ 961,024	3.82%	\$ 36,711	5,887	\$ 6.24
		b1507.3_dbrx	\$ 961,024	\$ -	\$ 961,024	9.40%	\$ 90,338	5,887	\$ 15.35
		b2688.5	\$ 61,212	\$ -	\$ 61,212	15.86%	\$ 9,702	5,887	\$ 1.65
		b0347-17-32	\$ 70,740	\$ -	\$ 70,740	3.82%	\$ 2,702	5,887	\$ 0.46
		b1835	\$ 1,544	\$ -	\$ 1,544	13.69%	\$ 211	5,887	\$ 0.04
South FirstEnergy Operating Companies Totals			\$ 2,485,047	\$ -	\$ 2,485,047		\$ 337,391		\$ 57.31
Grand Totals - Non-Pepco TEs							\$ 34,331,791		\$ 5,832.18

Potomac Electric Power Company  
Maryland  
July 14, 2021 Retail Transmission Rate Filing

Attachment D  
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I. 2021 Pepco Network Integration Transmission Service (\$/MW-Year)

		Pepco	Notes:
(1) Transmission Service Annual Revenue Requirement	\$	168,323,745	Source: Line (172), Attachment H-9A of Potomac Electric Power Company, Docket No. ER09-1159 Information Filing of 2021 Formula Rate Annual Update
(2) Total Schedule 12 Pepco Zone TEC	\$	(34,911,268)	Source: Column (E), Line (31) Below
(3) Total Schedule 12 Pepco Zone TEC - Pepco Share	\$	26,569,891	Source: Column (G), Line (31) Below
(4) Total Transmission Costs	\$	159,982,368	Calculation: Line (4) = Line (1) + Line (2) + Line (3)
(5) Pepco Zone - PJM Network Transmission Service Peak Load (2021) (MW)		5,887	Source: PJM Network Transmission Service Peak Loads for 2021
(6) 2021 Pepco Network Integration Transmission Service (\$/MW-Year) - Excluding SMECO	\$	27,177.38	Calculation: Line (4) / Line (5)
(7) Transmission Service Annual Revenue Requirement	\$	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 (2021) (MW)		5,887	Source: PJM Network Transmission Service Peak Loads for 2021
(9) 2021 Pepco Network Integration Transmission Service (\$/MW-Year) - SMECO Only	\$	2,902.56	Calculation: Line (9) = Line (7) / Line (8)
(10) 2021 Pepco Network Integration Transmission Service (\$/MW-Year) - Including SMECO	\$	30,079.94	Line (10) = Line (6) + Line (9)

II. Pepco Zone - Required Transmission Enhancements

PJM Schedule 12 - Transmission Enhancement Charges for June 2021 - May 2022 for Pepco Zone Required Transmission Enhancements

	(A)	(B)	(C)	(D)	(E) = (C) + (D)	(F)	(G) = (E) x (F)
	Pepco	PJM Upgrade ID	Revenue Requirement	Prior Period Reconciliation	Total Revenue Requirement	Pepco Zone Share	Pepco Zone Charges
(11)	Replace existing 500/230 kV transformer at Brighton	b0496	\$ 2,272,610	\$ -	\$ 2,272,610	53.74%	\$ 1,221,301
(12)	Reconductor circuit —23033, 23035 for Dickerson – Quince Orchard 230 kV	b0367.1-2	\$ 2,263,215	\$ -	\$ 2,263,215	52.46%	\$ 1,187,283
(13)	Advance n0772 (Replace Chalk Point 230 kV breaker (1A) with 80 kA breaker)	b0512.7	\$ 107,160	\$ -	\$ 107,160	3.82%	\$ 4,094
(14)	Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)	b0512.7_dfax	\$ 107,160	\$ -	\$ 107,160	2.44%	\$ 2,615
(15)	Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)	b0512.8	\$ 107,160	\$ -	\$ 107,160	3.82%	\$ 4,094
(16)	Advance n0773 (Replace Chalk Point 230 kV breaker (1B) with 80 kA breaker)	b0512.8_dfax	\$ 107,160	\$ -	\$ 107,160	2.44%	\$ 2,615
(17)	Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)	b0512.9	\$ 107,160	\$ -	\$ 107,160	3.82%	\$ 4,094
(18)	Advance n0774 (Replace Chalk Point 230 kV breaker (2A) with 80 kA breaker)	b0512.9_dfax	\$ 107,160	\$ -	\$ 107,160	2.44%	\$ 2,615
(19)	Advance n0777 (Replace Chalk Point 230 kV breaker (3A) with 80 kA breaker)	b0512.12	\$ 108,222	\$ -	\$ 108,222	3.82%	\$ 4,134
(20)	Advance n0777 (Replace Chalk Point 230 kV breaker (3A) with 80 kA breaker)	b0512.12_dfax	\$ 108,222	\$ -	\$ 108,222	2.44%	\$ 2,641
(21)	Reconductor the four circuits from Burches Hill to Palmers Corner	b0478	\$ 1,841,838	\$ -	\$ 1,841,838	96.49%	\$ 1,777,189
(22)	Install third Burches Hill 500/230 kV transformer	b0499	\$ 3,427,692	\$ -	\$ 3,427,692	89.15%	\$ 3,055,787
(23)	Build two Ritchie – Benning Station A 230 kV lines	b0526	\$ 6,433,097	\$ -	\$ 6,433,097	74.86%	\$ 4,815,816
(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	\$ 573,998	\$ -	\$ 573,998	69.43%	\$ 398,527
(25)	Brighton Substation – add 2nd 1000 MVA 500/230 kV transformer, 2 500 kV circuit breakers and miscellaneous bus work	b0288	\$ 3,552,943	\$ -	\$ 3,552,943	63.67%	\$ 2,262,159
(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	\$ 6,075,822	\$ -	\$ 6,075,822	95.26%	\$ 5,787,828
(27)	Reconductor feeder 23032 and 23034 to high temp. conductor (10 miles)	b2008	\$ 1,021,454	\$ -	\$ 1,021,454	64.22%	\$ 655,978
(28)		b0467.1	\$ 959,662	\$ -	\$ 959,662	41.86%	\$ 401,715
(29)		b1126	\$ 4,531,299	\$ -	\$ 4,531,299	95.26%	\$ 4,316,515
(30)		b1596	\$ 1,098,233	\$ -	\$ 1,098,233	60.36%	\$ 662,893
(31)	<b>Pepco Totals</b>		<b>\$ 34,911,268</b>	<b>\$ -</b>	<b>\$ 34,911,268</b>		<b>\$ 26,569,891</b>

**Potomac Electric Power Company  
Maryland  
July 14, 2021 Retail Transmission Rate Filing**

**Attachment E  
Page 1 of 1**

**Summary of June 2021 - May 2022 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>	5,887	Source: PJM Network Transmission Service Peak Loads for 2021
(7)	<b>Pepco - Total</b>	<b>\$ 1,936.07</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.

Schedule R

	(A) Billing Determinants	(B) Present Rate <sup>1</sup>	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate <sup>1</sup>	(F) Proposed Revenue	(G) Percent Change
Transmission							
Kilowatt-hour Charge							
Annual kWh	4,746,794,425	\$ 0.01039	\$ 49,319,194	\$ 0.00106	\$ 0.01145	\$ 54,369,019	10.24%
Total Transmission			\$ 49,319,194			\$ 54,369,019	
Transmission Rate Change - Kilowatt-hour charge			\$ 0.00106				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 5,049,825				
Present Transmission Revenue			\$ 49,319,194				
Proposed Transmission Revenue			\$ 54,369,019				
Percent Change			10.24%				

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

\*Based on Residential retail transmission rate

	Present Summer June-Sept <u>06/01/21-9/30/21</u>	Present Winter Oct-May <u>10/01/21-05/31/22</u>	Proposed Summer June-Sept <u>06/01/21-9/30/21</u>	Proposed Winter Oct-May <u>10/01/21-05/31/22</u>
Transmission				
On-Peak	\$ 0.17541	\$ 0.20032	\$ 0.19621	\$ 0.19530
Off-Peak	\$ 0.05166	\$ 0.06371	\$ 0.06172	\$ 0.06128

\*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.

Potomac Electric Power Company

Maryland

July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

Attachment F

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Schedule RTM

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
Transmission							
Kilowatt-hour Charge							
Annual kWh	857,737,056	\$ 0.01040	\$ 8,920,465	\$ 0.00108	\$ 0.01148	\$ 9,845,108	10.37%
Total Transmission			\$ 8,920,465			\$ 9,845,108	
Transmission Rate Change - Kilowatt-hour charge			\$ 0.00108				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 924,643				
Present Transmission Revenue			\$ 8,920,465				
Proposed Transmission Revenue			\$ 9,845,108				
Percent Change			10.37%				



Potomac Electric Power Company

Maryland

July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

Attachment F

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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	323,406,965	\$ 0.00651	\$ 2,105,379	\$ 0.00119	\$ 0.00770	\$ 2,488,974	18.22%
Total Transmission			\$ 2,105,379			\$ 2,488,974	
<b>Transmission Rate Change</b>			\$ 0.00119				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 383,595				
Present Transmission Revenue			\$ 2,105,379				
Proposed Transmission Revenue			\$ 2,488,974				
Percent Change			18.22%				

Potomac Electric Power Company

Maryland

July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

Attachment F

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Schedule T

	(A) Billing Determinants	(B) Present Rate	(C) Present Revenue	(D) Rate Adjustment	(E) Proposed Rate	(F) Proposed Revenue	(G) Percent Change
Transmission							
Kilowatt-hour Charge							
Annual kWh	14,839,778	\$ 0.00541	\$ 80,283	\$0.00428	\$ 0.00969	\$ 143,823	79.14%
Total Transmission			\$ 80,283			\$ 143,823	
Transmission Rate Change			\$ 0.00428				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 63,540				
Present Transmission Revenue			\$ 80,283				
Proposed Transmission Revenue			\$ 143,823				
Percent Change			79.14%				

Potomac Electric Power Company

Maryland

July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

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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
Transmission							
Kilowatt-hour Charge							
Annual kWh	59,581,371	\$ 0.00001	\$ 596	\$0.00000	\$ 0.00001	\$ 832	-
Total Transmission			\$ 596			\$ 832	
Transmission Rate Change			\$ 0.00000				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 236				
Present Transmission Revenue			\$ 596				
Proposed Transmission Revenue			\$ 832				
Percent Change			39.56%				

Potomac Electric Power Company

Maryland

July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

Attachment F

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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	17,642,126	\$ 0.00433	\$ 76,390	\$ 0.00041	\$0.00474	\$ 83,639	9.49%
Total Transmission			\$ 76,390			\$ 83,639	
<b>Transmission Rate Change</b>			\$ 0.00041				
<b>Transmission Revenue Percent Change Calculation</b>							
Proposed Transmission Revenue Increase/Decrease			\$ 7,249				
Present Transmission Revenue			\$ 76,390				
Proposed Transmission Revenue			\$ 83,639				
Percent Change			9.49%				

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	4,069,666,658	\$ 0.00407	\$ 16,563,543	\$0.00075	\$ 0.00482	\$ 19,612,388	18.41%
Kilowatt Charge							
On Peak							
Summer	3,464,882	\$ 0.9008	\$ 3,121,166	\$0.16581	\$ 1.0666	\$ 3,695,677	18.41%
Maximum							
Annual kW	10,732,418	\$ 0.6558	\$ 7,038,320	\$0.12071	\$ 0.7765	\$ 8,333,860	18.41%
Total Transmission			\$ 26,723,029			\$ 31,641,926	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 4,918,897
Present Transmission Revenue	\$ 26,723,029
Proposed Transmission Revenue	\$ 31,641,926
Percent Change	18.41%

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	95,980,075	\$ 0.00389	\$ 373,362	\$0.00065	\$ 0.00454	\$ 436,130	16.81%
Kilowatt Charge							
On Peak							
Summer	81,373	\$ 0.8453	\$ 68,785	\$0.14211	\$ 0.9874	\$ 80,348	16.81%
Maximum							
Annual kW	236,217	\$ 0.6217	\$ 146,856	\$0.10452	\$ 0.7262	\$ 171,545	16.81%
Total Transmission			\$ 589,003			\$ 688,022	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 99,019
Present Transmission Revenue	\$ 589,003
Proposed Transmission Revenue	\$ 688,022
Percent Change	16.81%

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	949,676,285	\$ 0.00363	\$ 3,447,325	\$0.00068	\$ 0.00431	\$ 4,088,802	18.61%
Kilowatt Charge							
On Peak							
Summer	890,582	\$ 0.9627	\$ 857,363	\$0.17914	\$ 1.1418	\$ 1,016,901	18.61%
Maximum							
Annual kW	2,344,883	\$ 0.7111	<u>\$ 1,667,446</u>	\$0.13232	\$ 0.8434	<u>\$ 1,977,724</u>	18.61%
Total Transmission			<u>\$ 5,972,135</u>			<u>\$ 7,083,428</u>	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 1,111,293
Present Transmission Revenue	\$ 5,972,135
Proposed Transmission Revenue	\$ 7,083,428
Percent Change	18.61%

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	1,531,059,887	\$ 0.00356	\$ 5,450,573	\$0.00029	\$ 0.00385	\$ 5,887,479	8.02%
Kilowatt Charge							
On Peak							
Summer	1,346,335	\$ 0.9655	\$ 1,299,886	\$0.0774	\$ 1.0429	\$ 1,404,082	8.02%
Maximum							
Annual kW	3,256,310	\$ 0.7220	<u>\$ 2,351,056</u>	\$0.0579	\$ 0.7799	<u>\$ 2,539,511</u>	8.02%
Total Transmission			<u>\$ 9,101,515</u>			<u>\$ 9,831,073</u>	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 729,557
Present Transmission Revenue	\$ 9,101,515
Proposed Transmission Revenue	\$ 9,831,073
Percent Change	8.02%



Potomac Electric Power Company

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July 14, 2021 Retail Transmission Rate Filing

Proposed Transmission Rates Due To FERC Formula Rate Change Effective 6/1/2021

Present Revenue (Rates Effective February 1, 2021)

Billing Determinants (2020)

Attachment F

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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	289,431,749	\$ 0.00341	\$ 986,962	\$0.00018	\$ 0.00359	\$ 1,039,952	5.37%
Kilowatt Charge							
On Peak							
Summer	204,998	\$ 0.8937	\$ 183,207	\$0.0480	\$ 0.9417	\$ 193,043	5.37%
Maximum							
Annual kW	582,234	\$ 0.6574	\$ 382,761	\$0.0353	\$ 0.6927	\$ 403,311	5.37%
Total Transmission			\$ 1,552,930			\$ 1,636,306	

Transmission Rate Change

Transmission Revenue Percent Change Calculation

Proposed Transmission Revenue Increase/Decrease	\$ 83,376
Present Transmission Revenue	\$ 1,552,930
Proposed Transmission Revenue	\$ 1,636,306
Percent Change	5.37%

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	272,891,162	\$ 0.00391	\$ 1,067,004	-\$0.00095	\$ 0.00296	\$ 806,875	-24.38%
Kilowatt Charge							
On Peak							
Summer	201,385	\$ 0.6808	\$ 137,103	-\$0.16598	\$ 0.5148	\$ 103,678	-24.38%
Maximum							
Annual kW	521,213	\$ 0.4897	\$ 255,238	-\$0.11939	\$ 0.3703	\$ 193,013	-24.38%
Total Transmission			\$ 1,459,346			\$ 1,103,565	

Transmission Rate Change

<b>Transmission Revenue Percent Change Calculation</b>		
Proposed Transmission Revenue Increase/Decrease	\$	(355,780)
Present Transmission Revenue	\$	1,459,346
Proposed Transmission Revenue	\$	1,103,565
Percent Change		-24.38%

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**

**July 14, 2021 Retail Transmission Rate Filing  
Transmission Peak Load Contribution (2021)**

Attachment F  
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	(A) Rate Schedule	(B) TPLC (kW)	
(1)	Residential	1,436,502.42	
(2)	RTM	260,120.97	
(3)	GS	65,762.03	(C)
(4)	T	3,800.00	
(5)	SL	21.97	
(6)	TN	2,209.86	
(7)	MGT-LV	836,022.14	
(8)	MGT-HV	18,178.47	
(9)	GT-LV	187,153.66	
(10)	GT-3A	259,750.13	
(11)	GT-3B	43,233.39	
(12)	RT	29,157.67	
(13)	OL	-	
(14)	<b>Total</b>	<b>3,141,912.71</b>	

**Notes:**

(B) Source: Internal Company Records - TPLC as of 1.1.2021.

(C) Inclusive of GS LV and EV TPLC

Residential				Current Bill	Proposed Bill
		Current Rates	Proposed Rates 7/14/2021	kWh	
				811	811
<b>Summer</b>					
<b><u>Distribution Services</u></b>					
(1)	Customer Charge	\$ 8.01	\$ 8.01	\$ 8.01	\$ 8.01
	Energy				
(2)	All Kwh	\$ 0.07229	\$ 0.07229	\$ 58.63	\$ 58.63
(3)	Rider ERR Offset	\$ (0.00357)	\$ (0.00357)	\$ (2.90)	\$ (2.90)
(4)	Delivery Tax - eff 4/2000	\$ 0.00062	\$ 0.00062	\$ 0.50	\$ 0.50
(5)	Environmental Surcharge - eff. 7/1/2021	\$ 0.00015	\$ 0.00015	\$ 0.12	\$ 0.12
(6)	Montgomery County Surcharge - eff. 7/1/2021	\$ 0.01131	\$ 0.01131	\$ 9.17	\$ 9.17
(7)	EmPower MD - eff. 3/1/2021	\$ 0.00632	\$ 0.00632	\$ 5.12	\$ 5.12
(8)	Universal Service Charge - eff. 6/1/2020	\$ 0.32000	\$ 0.32000	\$ 0.32	\$ 0.32
(9)	Admin. Credit - 12 month average ye 12/2020	\$ (0.00029)	\$ (0.00029)	\$ (0.24)	\$ (0.24)
(10)	BSA - 12 month average ye 12/2020	\$ (0.00056)	\$ (0.00056)	\$ (0.45)	\$ (0.45)
	GRT (Dist & Surcharges)	2.04080%	2.04080%	\$ 1.47	\$ 1.47
Distribution Services Total				<b>\$ 79.75</b>	<b>\$ 79.75</b>
<b><u>Transmission Services</u></b>					
(11)	All Kwh	\$ 0.01039	\$ 0.01145	\$ 8.43	\$ 9.29
	GRT	2.04080%	2.04080%	\$ 0.17	\$ 0.19
Transmission Services Total				<b>\$ 8.60</b>	<b>\$ 9.48</b>
<b><u>Generation Services</u></b>					
Rates eff. 6/1/2021 - 09/30/2021					
(12)	All Kwh	\$ 0.05864	\$ 0.05864	\$ 47.56	\$ 47.56
(13)	Energy PCA - 12 month average ye 12/202	\$ (0.00221)	\$ (0.00221)	\$ (1.79)	\$ (1.79)
Generation Services Total				<b>\$ 45.77</b>	<b>\$ 45.77</b>
<b><u>Total Bill</u></b>				<b>\$ 134.12</b>	<b>\$ 135.00</b>

Residential

Residential		Current Rates		Proposed Rates 7/14/2021		Current Bill		Proposed Bill	
						kWh			
						811		811	
Winter									
<u>Distribution Services</u>									
(14)	Customer Charge	\$	8.01	\$	8.01	\$	8.01	\$	8.01
	Energy								
(15)	All Kwh	\$	0.03572	\$	0.03572	\$	28.97	\$	28.97
(16)	Rider ERR Offset	\$	(0.00176)	\$	(0.00176)	\$	(1.43)	\$	(1.43)
(17)	Delivery Tax - eff 4/2000	\$	0.00062	\$	0.00062	\$	0.50	\$	0.50
(18)	Environmental Surcharge - eff. 7/1/2021	\$	0.00015	\$	0.00015	\$	0.12	\$	0.12
(19)	Montgomery County Surcharge - eff. 7/1/2021	\$	0.01131	\$	0.01131	\$	9.17	\$	9.17
(20)	EmPower MD - eff. 3/1/2021	\$	0.00632	\$	0.00632	\$	5.12	\$	5.12
(21)	Universal Service Charge - eff. 6/1/2020	\$	0.32000	\$	0.32000	\$	0.32	\$	0.32
(22)	Admin. Credit - 12 month average ye 12/2020	\$	(0.00029)	\$	(0.00029)	\$	(0.24)	\$	(0.24)
(23)	BSA - 12 month average ye 12/2020	\$	(0.00056)	\$	(0.00056)	\$	(0.45)	\$	(0.45)
	GRT (Dist & Surcharges)		2.04080%		2.04080%	\$	0.87	\$	0.87
Distribution Services Total						\$	50.96	\$	50.96
<u>Transmission Services</u>									
(24)	All Kwh	\$	0.01039	\$	0.01145	\$	8.43	\$	9.29
	GRT		2.04080%		2.04080%	\$	0.17	\$	0.19
Transmission Services Total						\$	8.60	\$	9.48
<u>Generation Services</u>									
Rates eff. 10/1/2021 - 5/31/2022									
(25)	All Kwh	\$	0.07062	\$	0.07062	\$	57.27	\$	57.27
(26)	Energy PCA - 12 month average ye 12/202	\$	(0.00221)	\$	(0.00221)	\$	(1.79)	\$	(1.79)
Generation Services Total						\$	55.48	\$	55.48
<u>Total Bill</u>						\$	115.04	\$	115.92
Annualized Bill						\$	122.99	\$	123.87
Per kWh						\$	0.1517	\$	0.1527
\$ Bill Impact								\$	0.88
% Bill Impact									0.72%

**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>