

- Attachment 1a (Derivation of PSE&G NITS Charge)
- Attachment 1b (Derivation of JCP&L NITS Charge)
- Attachment 1c (Derivation of ACE NITS Charge)

Attachment 1a PSE&G Network Integration Service Calculation.

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2020 through December 31, 2020

Line #	Description	Rate	Source
(1)	Transmission Service Annual Revenue Requirement	\$ 1,526,297,807.55	Page 4 of Attachment 9 -Line 164
(2)	Total Schedule 12 TEC Included in above	\$ (476,469,695.00)	Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 286,678,056.86	Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 1,336,506,169.41	= (1) +(2) +(3)
(5)	2020 PSE&G Network Service Peak	9,752.5 MW	Page 4 of Attachment 9 - -Line 165
(6)	<u>2020 Derived Network Integration Transmission Service Rate</u>	\$ 137,042.42 per MW-year	
	Resulting 2020 BGS Firm Transmission Service Supplier Rate	\$ 374.43 per MW-day	= (6)/366

## Attachment 1b JCP&L Network Integration Transmission Service Calculation

Derived Network Integration Transmission Service Rate Applicable to JCP&L Customers - Effective January 1, 2020 through December 31, 2020

Line #	Description	Rate	Source
(1)	Network Integration Transmission Service	\$147,518,299	Attachment 10
(2)	JCP&L Customer Share of Schedule 12 TEC	\$8,580,782	Attachment 6b
(3)	Total Transmission Costs Borne by JCP&L Customers	\$156,099,081	= (1) + (2)
(4)	2020 JCP&L Network Service Peak	6,057.1 MW	PJM network service peak loads for 2020
(5)	2020 Derived Network Integration Transmission Service Rate	\$25,771.26 per MW-year	
	Resulting 2020 BGS Firm Transmission Service Supplier Rate	\$70.41 per MW-day	= (6)/366

**ATLANTIC CITY ELECTRIC**  
Proposed Transmission Rate Design  
Formula Rate Effective November 1, 2020

Line

1	Transmission Service Annual Revenue Requirement	\$	125,075,638
2	Less Total Schedule 12 TEC Included in Line (1)	\$	(10,807,727)
3	ACE Customer Share of Schedule 12 TEC included in Line 2	\$	6,252,344
4	Total Transmission Costs Borne by ACE Customers	\$	<u>120,520,255</u>
5	2020 ACE Newtwork Service Peak		2,737
6	2020 Network Integration Transmission Service Rate (per MW Per Year)	\$	<u>44,028.88</u>

**PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021**

Calculation of costs and monthly PJM charges for ACE Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020 - May 2021 Annual Revenue Requirement per PJM website	ACE Zone Share per PJM Open Access Transmission Tariff	ACE Zone Charges
Upgrade AE portion of Delco Tap	b0265	\$ 443,088	89.87%	\$ 398,203
Replace Monroe 8 230/69 KV TXfmrs	b0276	\$ 677,713	91.28%	\$ 618,616
Reconductor Union - 9 Corson 138 kV	b0211	\$ 1,155,287	65.23%	\$ 753,594
New 500/230 Kv Sub on Salem-East Windsor (>500 KV portion)	b0210.A	\$ 1,156,794	1.72%	\$ 19,897
New 500/230 Kv Sub on Salem-East Windsor (>500 KV portion)	b0210.A_dfax	\$ 1,156,794	100.00%	\$ 1,156,794
New 500/230kV Sub on Salem-East Windsor (< 500kV) 12 portion <sup>2</sup>	b0210.B	\$ 1,649,674	65.23%	\$ 1,076,082
Reconductor the existing Mickleton - Goucestr 230 kV 13 circuit (AE portion)	b1398.5	\$ 413,399	0.00%	\$ -
Build second 230kV parallel from Mickelton to 14 Gloucester	b1398.3.1	\$ 1,291,971	0.00%	\$ -
Upgrade to Mill T2 138/69 kV 15 transformer	b1600	\$ 1,532,281	88.83%	\$ 1,361,125
Orchard-Cumberland Install 2nd 230 kV line 16	b0210.1	\$ 1,324,917	65.23%	\$ 864,243
Corson Upgrade 17 138KV Line trap	b0212	\$ 5,808	65.23%	\$ 3,789
<b>Total</b>		<b>\$10,807,727</b>		<b>\$6,252,344</b>

- Attachment 2a (Pro-forma PSE&G Tariff Sheets )
- Attachment 2b (PSE&G Translation of NITS Charge into Customer Rates)
- Attachment 2c (PSE&G Translation of JCP&L TEC into Customer Rates)
- Attachment 2d (PSE&G Translation of ACE TEC into Customer Rates)
- Attachment 2e (PSE&G Translation of VEPCo TEC into Customer Rates)
- Attachment 2f (PSE&G Translation of TrailCo TEC into Customer Rates)
- Attachment 2g (PSE&G Translation of PEPCO TEC into Customer Rates)
- Attachment 2h (PSE&G Translation of PPL TEC into Customer Rates)
- Attachment 2I (PSE&G Translation of BG&E TEC into Customer Rates)
- Attachment 2j (PSE&G Translation of MAIT TEC into Customer Rates)
- Attachment 2k (PSE&G Translation of PECO TEC into Customer Rates)
- Attachment 2l (PSE&G Translation of AEP East TEC into Customer Rates)
- Attachment 2m (PSE&G Translation of ER18-680 and Form 715 TEC into Customer Rates)

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 75

Superseding

XXX Revised Sheet No. 75

**BASIC GENERATION SERVICE – RESIDENTIAL SMALL COMMERCIAL PRICING (BGS-RSCP)  
ELECTRIC SUPPLY CHARGES**

**APPLICABLE TO:**

Default electric supply service for Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF, PSAL, GLP and LPL-Secondary (less than 500 kilowatts).

**BGS ENERGY CHARGES:**

**Applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL**

**Charges per kilowatt-hour:**

Rate Schedule	For usage in each of the months of October through May		For usage in each of the months of June through September	
	Charges	Including SUT	Charges	Including SUT
RS – first 600 kWh	\$0.122723	\$0.130853	\$0.120884	\$0.128893
RS – in excess of 600 kWh	0.122723	0.130853	0.129840	0.138442
RHS – first 600 kWh	0.091111	0.097147	0.085527	0.091193
RHS – in excess of 600 kWh	0.091111	0.097147	0.097503	0.103963
RLM On-Peak	0.215098	0.229348	0.223878	0.238710
RLM Off-Peak	0.055501	0.059178	0.050607	0.053960
WH	0.049048	0.052297	0.046716	0.049811
WHS	0.049903	0.053209	0.046816	0.049918
HS	0.112361	0.119805	0.112671	0.120135
BPL	0.047907	0.051081	0.043293	0.046161
BPL-POF	0.047907	0.051081	0.043293	0.046161
PSAL	0.047907	0.051081	0.043293	0.046161

The above Basic Generation Service Energy Charges reflect costs for Energy, Generation Capacity, Transmission, and Ancillary Services (including PJM Interconnection, L.L.C. (PJM) Administrative Charges). The portion of these charges related to Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges may be changed from time to time on the effective date of such change to the PJM rate for these charges as approved by the Federal Energy Regulatory Commission (FERC).

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

Date of Issue:

Effective:  
Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G  
80 Park Plaza, Newark, New Jersey 07102  
Filed pursuant to Order of Board of Public Utilities dated  
in Docket No.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 79

Superseding

XXX Revised Sheet No. 79

**BASIC GENERATION SERVICE – RESIDENTIAL SMALL COMMERCIAL PRICING (BGS-RSCP)  
ELECTRIC SUPPLY CHARGES (Continued)**

**BGS CAPACITY CHARGES:**

**Applicable to Rate Schedules GLP and LPL-Sec.**

**Charges per kilowatt of Generation Obligation:**

Charge applicable in the months of June through September.....	\$ 5.2965
Charge including New Jersey Sales and Use Tax (SUT) .....	\$ 5.6474

Charge applicable in the months of October through May .....	\$ 5.2965
Charge including New Jersey Sales and Use Tax (SUT) .....	\$ 5.6474

The above charges shall recover each customer's share of the overall summer peak load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions.

**BGS TRANSMISSION CHARGES**

**Applicable to Rate Schedules GLP and LPL-Sec.**

**Charges per kilowatt of Transmission Obligation:**

Currently effective Annual Transmission Rate for  
Network Integration Transmission Service for the  
Public Service Transmission Zone as derived from the  
FERC Electric Tariff of the PJM Interconnection, LLC ..... \$137,042.42 per MW per year

EL05-121.....	\$ 80.67 per MW per month
FERC 680 & 715 Reallocation.....	(\$ 788.13) per MW per month

PJM Seams Elimination Cost Assignment Charges.....	\$ 0.00 per MW per month
--	--------------------------

PJM Reliability Must Run Charge.....	\$ 0.00 per MW per month
--------------------------------------	--------------------------

PJM Transmission Enhancements	
-------------------------------	--

Trans-Allegheny Interstate Line Company .....	\$ 50.00 per MW per month
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Virginia Electric and Power Company .....	\$ 51.62 per MW per month
---	---------------------------

Potomac-Appalachian Transmission Highline L.L.C. ....	(\$ 0.65) per MW per month
---	----------------------------

PPL Electric Utilities Corporation .....	\$ 212.68 per MW per month
--	----------------------------

American Electric Power Service Corporation .....	\$ 13.01 per MW per month
---	---------------------------

Atlantic City Electric Company. ....	\$ 8.67 per MW per month
--------------------------------------	--------------------------

Delmarva Power and Light Company.....	\$ 1.00 per MW per month
---------------------------------------	--------------------------

Potomac Electric Power Company.....	\$ 2.86 per MW per month
-------------------------------------	--------------------------

Baltimore Gas and Electric Company .....	\$ 2.39 per MW per month
--	--------------------------

Jersey Central Power and Light .....	\$ 67.07 per MW per month
--------------------------------------	---------------------------

Mid Atlantic Interstate Transmission .....	\$ 21.93 per MW per month
--	---------------------------

PECO Energy Company.....	\$ 20.97 per MW per month
--------------------------	---------------------------

Silver Run Electric, Inc.....	\$ 24.35 per MW per month
-------------------------------	---------------------------

Northern Indiana Public Service Company.....	\$ 0.46 per MW per month
--	--------------------------

Commonwealth Edison Company.....	\$ 0.28 per MW per month
----------------------------------	--------------------------

Above rates converted to a charge per kW of Transmission  
Obligation, applicable in all months..... \$ 11.1896  
Charge including New Jersey Sales and Use Tax (SUT)..... \$ 11.9309

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

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80 Park Plaza, Newark, New Jersey 07102

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 83

Superseding

XXX Revised Sheet No. 83

**BASIC GENERATION SERVICE – COMMERCIAL AND INDUSTRIAL ENERGY PRICING (CIEP)**  
**ELECTRIC SUPPLY CHARGES**  
**(Continued)**

**BGS TRANSMISSION CHARGES**

**Charges per kilowatt of Transmission Obligation:**

Currently effective Annual Transmission Rate for

Network Integration Transmission Service for the  
Public Service Transmission Zone as derived from the  
FERC Electric Tariff of the PJM Interconnection, LLC

\$137,042.42 per MW per year

EL05-121.....\$ 80.67 per MW per month

FERC 680 & 715 Reallocation.....(\$ 788.13) per MW per month

PJM Seams Elimination Cost Assignment Charges.....\$ 0.00 per MW per month

PJM Reliability Must Run Charge.....\$ 0.00 per MW per month

PJM Transmission Enhancements

Trans-Allegheny Interstate Line Company .....\$ 50.00 per MW per month

Virginia Electric and Power Company .....\$ 51.62 per MW per month

Potomac-Appalachian Transmission Highline L.L.C. ....(\$ 0.65) per MW per month

PPL Electric Utilities Corporation.....\$ 212.68 per MW per month

American Electric Power Service Corporation .....\$ 13.01 per MW per month

Atlantic City Electric Company. ....\$ 8.67 per MW per month

Delmarva Power and Light Company.....\$ 1.00 per MW per month

Potomac Electric Power Company.....\$ 2.86 per MW per month

Baltimore Gas and Electric Company.....\$ 2.39 per MW per month

Jersey Central Power and Light .....\$ 67.07 per MW per month

Mid Atlantic Interstate Transmission.....\$ 21.93 per MW per month

PECO Energy Company.....\$ 20.97 per MW per month

Silver Run Electric, Inc.....\$ 24.35 per MW per month

Northern Indiana Public Service Company.....\$ 0.46 per MW per month

Commonwealth Edison Company .....\$ 0.28 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months .....\$ 11.1896

Charge including New Jersey Sales and Use Tax (SUT) .....\$ 11.9309

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such charge to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

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80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated  
in Docket No.

**Network Integration Service Calculation - BGS-RSCP  
Revised NITS Charges for January 2020 - December 2020**

PSE&G Annual Transmission Service Revenue Requirement	\$ 1,526,297,807.55								
Total Schedule 12 TEC Included in above	\$ (476,469,695.00)								
PSE&G Customer Share of Schedule 12 NITS	\$ 286,678,056.86								
NITS Charges for Jan 2020 - Dec 2020	\$ 1,336,506,169.41								
PSE&G Zonal Transmission Load for Effective Yr. (MW)	9,752.50								
Term (Months)	12								
OATT rate	\$ 11,420.20 /MW/month								
									all values show w/o NJ SUT
converted to \$/MW/yr =	\$ 137,042.42 /MW/yr								
	\$ 102,309.43 /MW/yr								
	\$ 117,402.50 /MW/yr								
									Jan 20 - Dec 20 NITS Charge
									2017- 2019 Weighted Average of:
									\$ 91,224.18 \$ 110,695.46 \$ 104,709.15
									2018- 2020 Weighted Average of:
									\$ 110,695.46 \$ 104,709.15 \$ 137,042.42
	\$ 111,113.72 /MW/yr								
Resulting Increase in Transmission Rate	\$ 25,928.70 /MW/yr								
									Jan 20 - Dec 20 Weighted Average
Resulting Increase in Transmission Rate	\$ 2,160.72 /MW/month								
	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0	
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0	
Change in energy charge in \$/MWh	\$ 9,4050	\$ 5,1654	\$ 9,9890	-	\$ -	\$ 7,4987	\$ -	\$ -	
in \$/kWh - rounded to 6 places	\$ 0.009405	\$ 0.005165	\$ 0.009989	-	\$ -	\$ 0.007499	\$ -	\$ -	

**Line #**

1	Total BGS-RSCP Trans Obl	6,901.0	MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	23,970,724	MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,302,921	MWh	unrounded	= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	\$ 178,933,931		unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl adjusted for migration
5	Change in Average Supplier Payment Rate	\$ 7.0717	/MWh	unrounded	= (4) / (3)
6	Change in Average Supplier Payment Rate	\$ 7.07	/MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ 178,891,654		unrounded	= (6) * (3)
8	Difference due to rounding	\$ (42,277)		unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020****Calculation of costs and monthly PJM charges for JCP&L**

TEC Charges for Jan 2020 - Dec 2020

\$ 7,848,977.22

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.50

Term (Months)

12

OATT rate

\$	67.07	/MW/month	
converted to \$/MW/yr =	\$	804.84	/MW/yr

all values show w/o NJ SUT

	<b>RS</b>	<b>RHS</b>	<b>RLM</b>	<b>WH</b>	<b>WHS</b>	<b>HS</b>	<b>PSAL</b>	<b>BPL</b>
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh	\$ 0.2919	\$ 0.1603	\$ 0.3101	\$ -	\$ -	\$ 0.2328	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ 0.000292	\$ 0.000160	\$ 0.000310	\$ -	\$ -	\$ 0.000233	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 5,554,201	unrounded
5 Change in Average Supplier Payment Rate	\$ 0.2195 /MWh	unrounded
6 Change in Average Supplier Payment Rate	\$ 0.22 /MWh	rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 5,566,643	unrounded
8 Difference due to rounding	\$ 12,442	unrounded
		= (6) * (3)
		= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021****Calculation of costs and monthly PJM charges for ACE Projects**

TEC Charges for June 2020 - May 2021

\$ 1,015,016.57

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 8.67 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr =

\$ 104.04 /MW/yr

	<b>RS</b>	<b>RHS</b>	<b>RLM</b>	<b>WH</b>	<b>WHS</b>	<b>HS</b>	<b>PSAL</b>	<b>BPL</b>
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh	\$ 0.037738	\$ 0.020726	\$ 0.040081	\$ -	\$ -	\$ 0.030089	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ 0.000038	\$ 0.000021	\$ 0.000040	\$ -	\$ -	\$ 0.000030	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 717,980	unrounded
5 Change in Average Supplier Payment Rate	\$ 0.0284 /MWh	unrounded
6 Change in Average Supplier Payment Rate	\$ 0.03 /MWh	rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 759,088	unrounded
8 Difference due to rounding	\$ 41,108	unrounded
		= (6) * (3)
		= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020****Calculation of costs and monthly PJM charges for VEPCO Projects**

TEC Charges for Jan 2020 - Dec 2020

\$ 6,040,625.63

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 51.62 /MW/month

converted to \$/MW/yr = \$ 619.44 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.2247 \$ 0.000225	\$ 0.1234 \$ 0.000123	\$ 0.2386 \$ 0.000239	\$ - \$ -	\$ - \$ -	\$ 0.1791 \$ 0.000179	\$ - \$ -	\$ - \$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 4,274,755	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.1689 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.17 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 4,301,497	unrounded	= (6) * (3)
8 Difference due to rounding	\$ 26,741	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021**  
**Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects**

TEC Charges for June 2020 - May 2021

\$ 5,852,026.23

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 50.00 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 600.00 /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh	\$ 0.217634	\$ 0.119529	\$ 0.231149	\$ -	\$ -	\$ 0.173524	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ 0.000218	\$ 0.000120	\$ 0.000231	\$ -	\$ -	\$ 0.000174	\$ -	\$ -

Line #

1	Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	\$ 4,140,600	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5	Change in Average Supplier Payment Rate	\$ 0.1636 /MWh	= (4) / (3)
6	Change in Average Supplier Payment Rate	\$ 0.16 /MWh	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ 4,048,467	= (6) * (3)
8	Difference due to rounding	\$ (92,133)	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021****Calculation of costs and monthly PJM charges for PEPCO Projects**

TEC Charges for June 2020 - May 2021	\$ 334,924.60
PSE&G Zonal Transmission Load for Effective Yr. (MW)	<b>9,752.5</b>
Term (Months)	<b>12</b>
OATT rate	\$ 2.86 /MW/month
converted to \$/MW/yr =	\$ 34.32 /MW/yr

all values show w/o NJ SUT

	<b>RS</b>	<b>RHS</b>	<b>RLM</b>	<b>WH</b>	<b>WHS</b>	<b>HS</b>	<b>PSAL</b>	<b>BPL</b>
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
 Energy Charge <i>in \$/MWh</i>	 \$ 0.012449	 \$ 0.006837	 \$ 0.013222	 \$ -	 \$ -	 \$ 0.009926	 \$ -	 \$ -
<i>in \$/kWh - rounded to 6 places</i>	 \$ 0.000012	 \$ 0.000007	 \$ 0.000013	 \$ -	 \$ -	 \$ 0.000010	 \$ -	 \$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 236,842	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0094 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.01 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 253,029	unrounded	= (6) * (3)
8 Difference due to rounding	\$ 16,187	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021****Calculation of costs and monthly PJM charges for PPL Projects**

TEC Charges for June 2020 - May 2021

\$24,890,178.97

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 212.68 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 2,552.16 /MW/yr

	<b>RS</b>	<b>RHS</b>	<b>RLM</b>	<b>WH</b>	<b>WHS</b>	<b>HS</b>	<b>PSAL</b>	<b>BPL</b>
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0

**Energy Charge***in \$/MWh**in \$/kWh - rounded to 6 places*

\$ 0.925730	\$ 0.508427	\$ 0.983214	\$ -	\$ -	\$ 0.738101	\$ -	\$ -
<b>\$ 0.000926</b>	<b>\$ 0.000508</b>	<b>\$ 0.000983</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 0.000738</b>	<b>\$ -</b>	<b>\$ -</b>

## Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 17,612,456	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.6961 /MWh	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.70 /MWh	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 17,712,045	= (6) * (3)
8 Difference due to rounding	\$ 99,589	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021****Calculation of costs and monthly PJM charges for BG&E**

TEC Charges for June 2020 - May 2021

\$ 280,178.02

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 2.39 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr =

\$ 28.68 /MW/yr

Trans Obl - MW

4,409.3 20.0 69.4 0.0 0.0 3.3 0.0 0.0

Total Annual Energy - MWh

12,156,072.0 100,394.3 180,143.8 766.0 16.0 11,410.5 147,904.0 298,956.0

Energy Charge

in \$/MWh

in \$/kWh - rounded to 6 places

\$ 0.010403 \$ 0.005713 \$ 0.011049 \$ - \$ - \$ 0.008294 \$ - \$ -

\$ 0.000010 \$ 0.000006 \$ 0.000011 \$ - \$ - \$ 0.000008 \$ - \$ -

Line #

1	Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	\$ 197,921	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5	Change in Average Supplier Payment Rate	\$ 0.0078 /MWh	= (4) / (3)
6	Change in Average Supplier Payment Rate	\$ 0.01 /MWh	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ 253,029	= (6) * (3)
8	Difference due to rounding	\$ 55,109	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
Calculation of costs and monthly PJM charges for Mid Atlantic Interstate Transmission Projects**

TEC Charges for Jan 2020 - Dec 2020 \$ 2,566,679.33  
 PSE&G Zonal Transmission Load for Effective Yr. (MW) 9,752.5  
 Term (Months) 12  
 OATT rate \$ 21.93 /MW/month  
 converted to \$/MW/yr = \$ 263.16 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.0955 \$ 0.000095	\$ 0.0524 \$ 0.000052	\$ 0.1014 \$ 0.000101	\$ - \$ -	\$ - \$ -	\$ 0.0761 \$ 0.000076	\$ - \$ -	\$ - \$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 1,816,067	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0718 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.07 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 1,771,204	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (44,863)	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021****Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects**

TEC Charges for June 2020 - May 2021

\$ 2,454,222.08

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 20.97 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 251.64 /MW/yr

	<b>RS</b>	<b>RHS</b>	<b>RLM</b>	<b>WH</b>	<b>WHS</b>	<b>HS</b>	<b>PSAL</b>	<b>BPL</b>
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge <i>in \$/MWh</i>	\$ 0.091276	\$ 0.050130	\$ 0.096944	\$ -	\$ -	\$ 0.072776	\$ -	\$ -
<i>in \$/kWh - rounded to 6 places</i>	\$ 0.000091	\$ 0.000050	\$ 0.000097	\$ -	\$ -	\$ 0.000073	\$ -	\$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW	= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh	= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 1,736,568	unrounded
5 Change in Average Supplier Payment Rate	\$ 0.0686 /MWh	unrounded
6 Change in Average Supplier Payment Rate	\$ 0.07 /MWh	rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 1,771,204	unrounded
8 Difference due to rounding	\$ 34,637	unrounded
		= (6) * (3)
		= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020****Calculation of costs and monthly PJM charges for AEP - East Projects**

TEC Charges for Jan 2020 - Dec 2020

\$ 1,522,376.41

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ 13.01 /MW/month

converted to \$/MW/yr = \$ 156.12 /MW/yr

all values show w/o NJ SUT

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ 0.0566 \$ 0.000057	\$ 0.0311 \$ 0.000031	\$ 0.0601 \$ 0.000060	\$ - \$ -	\$ - \$ -	\$ 0.0452 \$ 0.000045	\$ - \$ -	\$ - \$ -

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ 1,077,384	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ 0.0426 /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ 0.04 /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ 1,012,117	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (65,267)	unrounded	= (7) - (4)

**Transmission Charge Adjustment - BGS-RSCP****PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020****Calculation of costs and monthly PJM charges for FERC-Approved ER18-680 and Form 715 Projects**

TEC Charges for Jan 2020 - Dec 2020

(\$92,235,403.63)

PSE&amp;G Zonal Transmission Load for Effective Yr. (MW)

9,752.5

Term (Months)

12

OATT rate

\$ (788.13) /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ (9,457.56) /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0
Total Annual Energy - MWh	12,156,072.0	100,394.3	180,143.8	766.0	16.0	11,410.5	147,904.0	298,956.0
Energy Charge in \$/MWh in \$/kWh - rounded to 6 places	\$ (3.4305) \$ (1.8841) \$ (3.6435) \$ \$ (0.003430) \$ (0.001884) \$ (0.003644) \$	- \$ - \$ (2.7352) \$ - \$ - \$ - \$ (0.002735) \$ - \$ -						

Line #

1 Total BGS-RSCP Trans Obl	6,901.0 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2 Total BGS-RSCP energy @ cust	23,970,724.3 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3 Total BGS-RSCP energy @ trans nodes	25,302,921.3 MWh	unrounded	= (2) * loss expansion factor to trans node
4 Change in OATT rate * total Trans Obl	\$ (65,266,622)	unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl
5 Change in Average Supplier Payment Rate	\$ (2.5794) /MWh	unrounded	= (4) / (3)
6 Change in Average Supplier Payment Rate	\$ (2.58) /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7 Proposed Total Supplier Payment	\$ (65,281,537)	unrounded	= (6) * (3)
8 Difference due to rounding	\$ (14,915)	unrounded	= (7) - (4)

- Attachment 3a (Pro-forma JCPL Tariff Sheets)
- Attachment 3b (JCP&L Translation of NITS Charge into Customer Rates)
- Attachment 3c (JCP&L Translation of PSE&G TEC into Customer Rates)
- Attachment 3d (JCP&L Translation of ACE TEC into Customer Rates)
- Attachment 3e (JCP&L Translation of VEPCo TEC into Customer Rates)
- Attachment 3f (JCP&L Translation of TrailCo TEC into Customer Rates)
- Attachment 3g (JCP&L Translation of PEPCO TEC into Customer Rates)
- Attachment 3h (JCP&L Translation of PPL TEC into Customer Rates)
- Attachment 3i (JCP&L Translation of BG&E TEC into Customer Rate)
- Attachment 3j (JCP&L Translation of MAIT TEC into Customer Rates)
- Attachment 3k (JCP&L Translation of PECO TEC into Customer Rates)
- Attachment 3l (JCP&L Translation of AEP East TEC into Customer Rates)
- Attachment 3m (JCP&L Translation of ER18-680 and Form 715 TEC into Customer Rates)

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 3

Superseding XX Rev. Sheet No. 3

**Service Classification RS  
Residential Service**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification RS is available for: (a) Individual Residential Structures; (b) separately metered residences in Multiple Residential Structures; (c) incidental use for non-residential purposes when included along with the residence; and/or (d) Auxiliary Residential Purposes whether metered separately from the residence or not.

This Service Classification is optional for customers which elect to be billed hereunder rather than under Service Classification RT. (Also see Part II, Section 2.03)

**CHARACTER OF SERVICE:** Single-phase service, with limited applications of three-phase service, at secondary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):** All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing)** (formerly Rider BGS-FP)
- 2) **Transmission Charge: \$0.009020** per KWH for all KWH including Water Heating

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge: \$2.78** per month  
**Supplemental Customer Charge: \$1.45** per month Off-Peak/Controlled Water Heating
- 2) **Distribution Charge:**

**June through September:**

\$0.015108 per KWH for the first 600 KWH (except Water Heating)  
\$0.059743 per KWH for all KWH over 600 KWH (except Water Heating)

**October through May:**

\$0.024749 per KWH for all KWH (except Water Heating)

**Water Heating Service:**

\$0.016517 per KWH for all KWH for Off-Peak Water Heating  
\$0.021756 per KWH for all KWH for Controlled Water Heating

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300 Madison Avenue, Morristown, NJ 07962-1911

**Service Classification RT**  
**Residential Time-of-Day Service**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification RT is available for: (a) Individual Residential Structures; (b) separately metered residences in Multiple Residential Structures; (c) incidental use for non-residential purposes when included along with the residence; and/or (d) Auxiliary Residential Purposes whether metered separately from the residence or not.

This Service Classification is optional for customers which elect to be billed hereunder rather than under Service Classification RS. (Also see Part II, Section 2.03)

**CHARACTER OF SERVICE:** Single-phase service, with limited applications of three-phase service, at secondary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
 All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing)** (formerly Rider BGS-FP)
- 2) **Transmission Charge: \$0.009020** per KWH for all KWH on-peak and off-peak

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge: \$5.19** per month  
**Solar Water Heating Credit: \$1.30** per month
- 2) **Distribution Charge:**  
**\$0.046298** per KWH for all KWH on-peak for June through September  
**\$0.034008** per KWH for all KWH on-peak for October through May  
**\$0.021627** per KWH for all KWH off-peak
- 3) **Non-utility Generation Charge (Rider NGC): (See Rider NGC for any applicable St. Lawrence Hydroelectric Power credit)**  
**\$0.000114** per KWH for all KWH on-peak and off-peak
- 4) **Societal Benefits Charge (Rider SBC):**  
**\$0.007178** per KWH for all KWH on-peak and off-peak
- 5) **RGGI Recovery Charge (Rider RRC):**  
 See Rider RRC for rate per KWH for all KWH on-peak and off-peak
- 6) **Zero Emission Certificate Recovery Charge (Rider ZEC):**  
 See Rider ZEC for rate per KWH for all KWH on-peak and off-peak
- 7) **Tax Act Adjustment (Rider TAA):**  
 See Rider TAA for rate per KWH for all KWH on-peak and off-peak
- 8) **JCP&L Reliability Plus Charge (Rider RP):**  
 See Rider RP for rate per KWH for all KWH on-peak and off-peak

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**Service Classification RGT**  
**Residential Geothermal & Heat Pump Service**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification RGT is available for residential customers residing in individual residential structures, or in separately metered residences in multiple-unit residential structures, who have one of the following types of electric space heating systems as the primary source of heat for such structure or unit and which system meets the corresponding energy efficiency criterion:

Geothermal Systems with Energy Efficiency Ratio (EER) of 13.0 or greater;  
Heat Pump Systems with Seasonal Energy Efficiency Ratio (SEER) of 11.0 or greater, and a Heating Season Performance Factor (HSPF) which meets the then current Federal HSPF standards;  
Room Unit Heat Pump Systems with Energy Efficiency Ratio (EER) of 9.5 or greater.

Service Classification RGT is not available for customers residing in individual residential structures, or in separately metered residences in multiple-unit residential structures, which have an electric resistance heating system as the primary source of space heating for such structure or unit.

**CHARACTER OF SERVICE:** Single-phase service, with limited applications of three-phase service, at secondary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing)** (formerly Rider BGS-FP)
- 2) **Transmission Charge:**  
\$0.009020 per KWH for all KWH on-peak and off-peak for June through September  
\$0.009020 per KWH for all KWH for October through May

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge:** \$5.19 per month

- 2) **Distribution Charge:**

**June through September:**

\$0.046298 per KWH for all KWH on-peak  
\$0.021627 per KWH for all KWH off-peak

**October through May:**

\$0.024749 per KWH for all KWH

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## JERSEY CENTRAL POWER & LIGHT COMPANY

## **BPU No. 12 ELECTRIC - PART III**

XX Rev. Sheet No. 10  
Superseding XX Rev. Sheet No. 10

## **Service Classification GS General Service Secondary**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification GS is available for general service purposes at secondary voltages not included under Service Classifications RS, RT, RGT or GST.

**CHARACTER OF SERVICE:** Single or three-phase service at secondary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

#### **BASIC GENERATION SERVICE (default service):**

- 1) BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing) (formerly BGS-FP) or Rider BGS-CIEP (Basic Generation Service – Commercial Industrial Energy Pricing)
  - 2) Transmission Charge:  
\$0.009020 per KWH for all KWH including Water Heating

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) Customer Charge:**      \$ 3.10 per month single-phase  
                                      \$11.13 per month three-phase

**Supplemental Customer Charge:**      \$ 1.45 per month Off-Peak/Controlled Water Heating  
                                      \$ 2.54 per month Day/Night Service  
                                      \$11.57 per month Traffic Signal Service

**2) Distribution Charge:**

**KW Charge: (Demand Charge)**

    \$ 6.63 per maximum KW during June through September, in excess of 10 KW  
    \$ 6.17 per maximum KW during October through May, in excess of 10 KW  
    \$ 3.01 per KW Minimum Charge, in excess of 10 KW

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JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 14  
Superseding XX Rev. Sheet No. 14

**Service Classification GST  
General Service Secondary Time-Of-Day**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification GST is available for general Service purposes for commercial and industrial customers establishing demands in excess of 750 KW in two consecutive months during the current 24-month period. Customers which were served under this Service Classification as part of its previous experimental implementation may continue such Service until voluntarily transferring to Service Classification GS.

**CHARACTER OF SERVICE:** Single or three-phase service at secondary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy and Reconciliation Charges as provided in Rider BGS-RSCP (Basic Generation Service – Residential Small Commercial Pricing) (formerly Rider BGS-FP) or Rider BGS-CIEP (Basic Generation Service – Commercial Industrial Energy Pricing)**
- 2) **Transmission Charge: \$0.009020 per KWH for all KWH on-peak and off-peak**

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge: \$29.86 per month single-phase  
\$42.61 per month three-phase**

**2) Distribution Charge:**

**KW Charge: (Demand Charge)**

\$ 7.02 per maximum KW during June through September  
\$ 6.56 per maximum KW during October through May  
\$ 3.06 per KW Minimum Charge

**KWH Charge:**

\$0.004661 per KWH for all KWH on-peak  
\$0.004661 per KWH for all KWH off-peak

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**Service Classification GP**  
**General Service Primary**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification GP is available for general service purposes for commercial and industrial customers.

**CHARACTER OF SERVICE:** Single or three-phase service at primary voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy, Capacity and Reconciliation Charges as provided in Rider BGS-CIEP (Basic Generation Service – Commercial Industrial Energy Pricing).**
- 2) **Transmission Charge: \$0.006303 per KWH for all KWH**

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge: \$52.56 per month**

- 2) **Distribution Charge:**

**KW Charge: (Demand Charge)**

- \$ 5.48 per maximum KW during June through September
- \$ 5.09 per maximum KW during October through May
- \$ 1.86 per KW Minimum Charge

**KVAR Charge: (Kilovolt-Ampere Reactive Charge)**

- \$0.35 per KVAR based upon the 15-minute integrated KVAR demand which occurs coincident with the maximum on-peak KW demand in the current billing month (See Part II, Section 5.05)

**KWH Charge:**

- \$0.003358 per KWH for all KWH on-peak and off-peak

- 3) **Non-utility Generation Charge (Rider NGC):**

- \$0.000109 per KWH for all KWH on-peak and off-peak

- 4) **Societal Benefits Charge (Rider SBC):**

- \$0.007178 per KWH for all KWH on-peak and off-peak

- 5) **CIEP – Standby Fee as provided in Rider CIEP – Standby Fee (formerly Rider DSSAC)**

- 6) **RGGI Recovery Charge (Rider RRC):**

- See Rider RRC for rate per KWH for all KWH on-peak and off-peak

- 7) **Zero Emission Certificate Recovery Charge (Rider ZEC):**

- See Rider ZEC for rate per KWH for all KWH on-peak and off-peak

- 8) **Tax Act Adjustment (Rider TAA):**

- See Rider TAA for rate per KWH for all KWH on-peak and off-peak

- 9) **JCP&L Reliability Plus Charge (Rider RP):**

- See Rider RP for rate per KW for all KW

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Docket No. **[REDACTED]** dated **[REDACTED]**

Issued by James V. Fakult, President  
300 Madison Avenue, Morristown, NJ 07962-1911

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 19

Superseding XX Rev. Sheet No. 19

**Service Classification GT**  
**General Service Transmission**

**APPLICABLE TO USE OF SERVICE FOR:** Service Classification GT is available for general service purposes for commercial and industrial customers.

**CHARACTER OF SERVICE:** Three-phase service at transmission voltages.

**RATE PER BILLING MONTH (All charges include Sales and Use Tax as provided in Rider SUT):**  
All charges are applicable to Full Service Customers. All charges, excluding Basic Generation Service (default service), are applicable to Delivery Service Customers.

**BASIC GENERATION SERVICE (default service):**

- 1) **BGS Energy, Capacity and Reconciliation Charges as provided in Rider BGS-CIEP (Basic Generation Service – Commercial Industrial Energy Pricing).**
- 2) **Transmission Charge:** **\$0.005522** per KWH for all KWH  
**\$0.001209** per KWH for all KWH High Tension Service

**DELIVERY SERVICE (Customer and Distribution charges include Corporation Business Tax as provided in Rider CBT):**

- 1) **Customer Charge:** **\$225.70** per month

- 2) **Distribution Charge:**

**KW Charge: (Demand Charge)**

**\$ 3.52** per maximum KW  
**\$ 0.94** per KW High Tension Service Credit  
**\$ 2.34** per KW DOD Service Credit

**KW Minimum Charge: (Demand Charge)**

**\$ 1.07** per KW Minimum Charge  
**\$ 0.70** per KW DOD Service Credit  
**\$ 0.45** per KW Minimum Charge Credit

**KVAR Charge: (Kilovolt-Ampere Reactive Charge)**

**\$0.34** per KVAR based upon the 15-minute integrated KVAR demand which occurs coincident with the maximum on-peak KW demand in the current billing month (See Part II, Section 5.05)

**KWH Charge:**

**\$0.002595** per KWH for all KWH on-peak and off-peak  
**\$0.000921** per KWH High Tension Service Credit  
**\$0.001687** per KWH DOD Service Credit

- 3) **Non-utility Generation Charge (Rider NGC):**

**\$ 0.000107** per KWH for all KWH on-peak and off-peak – excluding High Tension Service  
**\$ 0.000104** per KWH for all KWH on-peak and off-peak – High Tension Service

- 4) **Societal Benefits Charge (Rider SBC):**

**\$0.007178** per KWH for all KWH on-peak and off-peak

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300 Madison Avenue, Morristown, NJ 07962-1911

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 36  
Superseding XX Rev. Sheet No. 36**Rider BGS-RSCP****Basic Generation Service – Residential Small Commercial Pricing**  
**(Applicable to Service Classifications RS. RT. RGT. GS. GST. OL. SVL. MVL. ISL and LED)**

**2) BGS Transmission Charge per KWH:** As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED. Effective September 1, 2019, a RMR surcharge of **\$0.000000** per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage.

Effective **February 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

PATH-TEC surcharge of **(\$0.000003)** per KWH  
EL05-121-TEC surcharge of **\$0.000228** per KWH

Effective **September 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

Delmarva-TEC surcharge of **\$0.000004** per KWH  
SRE-TEC surcharge of **\$0.000107** per KWH  
NIPSCO-TEC surcharge of **\$0.000001** per KWH  
COMED-TEC surcharge of **\$0.000001** Per KWH

Effective **November 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

PSEG-TEC surcharge of **\$0.002768** per KWH  
ACE-TEC surcharge of **\$0.000084** per KWH  
VEPCO-TEC surcharge of **\$0.000219** per KWH  
TRAILCO-TEC surcharge of **\$0.000245** per KWH  
PEPCO-TEC surcharge of **\$0.000014** per KWH  
PPL-TEC surcharge of **\$0.000805** per KWH  
BG&E-TEC surcharge of **\$0.000011** per KWH  
MAIT-TEC surcharge of **\$0.000100** per KWH  
PECO-TEC surcharge of **\$0.000067** per KWH  
AEP-East-TEC surcharge of **\$0.000051** per KWH  
EL18-680FM715-TEC surcharge of **(\$0.000002)** per KWH

**3) BGS Reconciliation Charge per KWH: (\$0.002637)** (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-ups.

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**Rider BGS-CIEP**  
**Basic Generation Service – Commercial Industrial Energy Pricing**  
 (Applicable to Service Classifications GP and GT and  
 Certain Customers under Service Classifications GS and GST)

**3) BGS Transmission Charge per KWH: (Continued)**

Effective **February 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>PATH-TEC</u>	<u>EL05-121-TEC</u>
GS and GST	<b>(\$0.000003)</b>	<b>\$0.000228</b>
GP	<b>(\$0.000002)</b>	<b>\$0.000149</b>
GT	<b>(\$0.000002)</b>	<b>\$0.000131</b>
GT – High Tension Service	<b>(\$0.000000)</b>	<b>\$0.000030</b>

Effective **September 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>Delmarva-TEC</u>	<u>SRE-TEC</u>	<u>NIPSCO-TEC</u>	<u>COMED-TEC</u>
GS and GST	<b>\$0.000004</b>	<b>\$0.000107</b>	<b>\$0.000001</b>	<b>\$0.000001</b>
GP	<b>\$0.000003</b>	<b>\$0.000069</b>	<b>\$0.000001</b>	<b>\$0.000000</b>
GT	<b>\$0.000002</b>	<b>\$0.000061</b>	<b>\$0.000001</b>	<b>\$0.000000</b>
GT – High Tension Service	<b>\$0.000001</b>	<b>\$0.000014</b>	<b>\$0.000000</b>	<b>\$0.000000</b>

Effective **November 1, 2020**, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>PSEG-TEC</u>	<u>ACE-TEC</u>	<u>VEPCO-TEC</u>	<u>TRAILCO-TEC</u>
GS and GST	<b>\$0.002768</b>	<b>\$0.000084</b>	<b>\$0.000219</b>	<b>\$0.000245</b>
GP	<b>\$0.001751</b>	<b>\$0.000053</b>	<b>\$0.000139</b>	<b>\$0.000156</b>
GT	<b>\$0.001582</b>	<b>\$0.000048</b>	<b>\$0.000125</b>	<b>\$0.000141</b>
GT – High Tension Service	<b>\$0.000496</b>	<b>\$0.000015</b>	<b>\$0.000039</b>	<b>\$0.000044</b>

  

	<u>PEPCO-TEC</u>	<u>PPL-TEC</u>	<u>BG&amp;E-TEC</u>	<u>MAIT-TEC</u>
GS and GST	<b>\$0.000014</b>	<b>\$0.000805</b>	<b>\$0.000011</b>	<b>\$0.000100</b>
GP	<b>\$0.000009</b>	<b>\$0.000510</b>	<b>\$0.000007</b>	<b>\$0.000064</b>
GT	<b>\$0.000007</b>	<b>\$0.000461</b>	<b>\$0.000006</b>	<b>\$0.000058</b>
GT – High Tension Service	<b>\$0.000002</b>	<b>\$0.000144</b>	<b>\$0.000002</b>	<b>\$0.000018</b>

  

	<u>PECO-TEC</u>	<u>AEP-East-TEC</u>	<u>EL18-680Fm715-TEC</u>
GS and GST	<b>\$0.000067</b>	<b>\$0.000051</b>	<b>(\$0.000002)</b>
GP	<b>\$0.000043</b>	<b>\$0.000032</b>	<b>(\$0.000001)</b>
GT	<b>\$0.000038</b>	<b>\$0.000029</b>	<b>(\$0.000001)</b>
GT – High Tension Service	<b>\$0.000012</b>	<b>\$0.000010</b>	<b>(\$0.000000)</b>

**4) BGS Reconciliation Charge per KWH: \$0.002170** (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-ups.

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**Attachment 3b - JCP&L Translation of NITS Charge into BGS Customer Rates (Riders RSCP and CIEP)**

NITS Charges for January 2020 through December 2020 -

JCP&L Annual NITS Revenue Requirement	147,518,299
JCP&L Customer Share of Schedule 12 TEC	8,580,782
NITS Charges for January 2020 - December 2020	156,099,081

JCP&L Zonal Transmission Load for 2020	6,057.10 (MW)
2020 NITS Rate	\$25,771.26 (per MW-yr)
Resulting BGS Firm Transmission Service Supplier Rate	\$70.41 (per MW-day)
Change in BGS Firm Transmission Service Supplier Rate	-\$0.11 (per MW-day)

**Effective November 1, 2020:**

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery	BGS Eligible Sales (kWh)	Transmission Rate (\$/kWh)	Transmission Rate w/SUT (\$/kWh)
Secondary (excluding lighting)	5,230.8	\$ 134,804,208	15,933,921,417	\$0.008460	\$0.009020
Primary	364.5	\$ 9,393,039	1,589,192,784	\$0.005911	\$0.006303
Transmission @ 34.5 kV	293.2	\$ 7,556,747	1,459,178,627	\$0.005179	\$0.005522
Transmission @ 230 kV	15.1	\$ 389,200	343,139,121	\$0.001134	\$0.001209
Total	5,903.6	\$ 152,143,193	19,325,431,948		

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales January through December @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales January through December @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981 MW
4	Change in Transmission Payment to RSCP Suppliers	(\$194,589) = Line 3 x -\$0.11 x 366
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	(\$0.01) = Line 4 / Line 2

**Attachment 3c**

**Jersey Central Power & Light Company**

Proposed PSEG Project Transmission Enhancement Charge (PSEG-TEC Surcharge) effective November 1, 2020

To reflect FERC-approved PSEG Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2020 - December 2020

2020/2021 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone	\$3,958,054.95	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
PSEG-Transmission Enhancement Rate (\$/MW-month)	\$653.46	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				PSEG-TEC Surcharge (\$/kWh)	PSEG-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$41,357,963	15,933,921,417	\$0.002596	\$0.002768
Primary	332.7	\$2,608,874	1,589,192,784	\$0.001642	\$0.001751
Transmission @ 34.5 kV	276.2	\$2,165,947	1,459,178,627	\$0.001484	\$0.001582
Transmission @ 230 kV	20.3	\$159,422	343,139,121	\$0.000465	\$0.000496
Total	5,903.5	\$46,292,207	19,325,431,948		

(1) Cost Allocation of PSEG Project Schedule 12 Charges to JCP&L Zone for 2020

(2) Based on 12 months PSEG Project costs from January 2020 through December 2020

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	PSEG-Transmission Enhancement Costs to RSCP Suppliers	\$39,061,904 = Line 3 x \$653.46 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$2.39 = Line 4 / Line 2

**Attachment 3d**

**Jersey Central Power & Light Company**

Proposed ACE Project Transmission Enhancement Charge (ACE-TEC Surcharge) effective November 1, 2020

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly ACE-TEC Costs Allocated to JCP&L Zone	\$120,612.90	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
ACE-Transmission Enhancement Rate (\$/MW-month)	\$19.91	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				ACE-TEC Surcharge (\$/kWh)	ACE-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$1,260,292	15,933,921,417	\$0.000079	\$0.000084
Primary	332.7	\$79,500	1,589,192,784	\$0.000050	\$0.000053
Transmission @ 34.5 kV	276.2	\$66,002	1,459,178,627	\$0.000045	\$0.000048
Transmission @ 230 kV	20.3	\$4,858	343,139,121	\$0.000014	\$0.000015
Total	5,903.5	\$1,410,652	19,325,431,948		

(1) Cost Allocation of ACE Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months ACE Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	ACE-Transmission Enhancement Costs to RSCP Suppliers	\$1,190,161 = Line 3 x \$19.91 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.07 = Line 4 / Line 2

**Attachment 3e**

**Jersey Central Power & Light Company**

Proposed VEPCO Project Transmission Enhancement Charge (VEPCO-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved VEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2020 - December 2020

2020/2021 Average Monthly VEPCO-TEC Costs Allocated to JCP&L Zone	\$313,303.02	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
VEPCO-Transmission Enhancement Rate (\$/MW-month)	\$51.72	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				VEPCO-TEC Surcharge (\$/kWh)	VEPCO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$3,273,723	15,933,921,417	\$0.000205	\$0.000219
Primary	332.7	\$206,508	1,589,192,784	\$0.000130	\$0.000139
Transmission @ 34.5 kV	276.2	\$171,447	1,459,178,627	\$0.000117	\$0.000125
Transmission @ 230 kV	20.3	\$12,619	343,139,121	\$0.000037	\$0.000039
Total	5,903.5	\$3,664,297	19,325,431,948		

(1) Cost Allocation of VEPCO Project Schedule 12 Charges to JCP&L Zone for 2020

(2) Based on 12 months VEPCO Project costs from January 2020 through December 2020

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	VEPCO-Transmission Enhancement Costs to RSCP Suppliers	\$3,091,668 = Line 3 x \$51.72 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.19 = Line 4 / Line 2

**Attachment 3f**

**Jersey Central Power & Light Company**

Proposed TRAILCO Project Transmission Enhancement Charge (TRAILCO-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved TRAILCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly TRAILCO-TEC Costs Allocated to JCP&L Zone	\$351,286.75	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
TRAILCO-Transmission Enhancement Rate (\$/MW-month)	\$58.00	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	Effective November 1, 2020	
				TRAILCO-TEC Surcharge (\$/kWh)	TRAILCO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$3,670,617	15,933,921,417	\$0.000230	\$0.000245
Primary	332.7	\$231,544	1,589,192,784	\$0.000146	\$0.000156
Transmission @ 34.5 kV	276.2	\$192,233	1,459,178,627	\$0.000132	\$0.000141
Transmission @ 230 kV	20.3	\$14,149	343,139,121	\$0.000041	\$0.000044
Total	5,903.5	\$4,108,543	19,325,431,948		

(1) Cost Allocation of TRAILCO Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months TRAILCO Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	TRAILCO-Transmission Enhancement Costs to RSCP Suppliers	\$3,467,068 = Line 3 x \$58 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.21 = Line 4 / Line 2

**Attachment 3g**

**Jersey Central Power & Light Company**

Proposed PEPCO Project Transmission Enhancement Charge (PEPCO-TEC Surcharge) effective November 1, 2020  
 To reflect FERC-approved PEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly PEPCO-TEC Costs Allocated to JCP&L Zone	\$19,171.47	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
PEPCO-Transmission Enhancement Rate (\$/MW-month)	\$3.17	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)	BGS Eligible Sales (kWh)	<b>Effective November 1, 2020</b>	
				PEPCO-TEC Surcharge (\$/kWh)	PEPCO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$200,324	15,933,921,417	\$0.000013	\$0.000014
Primary	332.7	\$12,636	1,589,192,784	\$0.000008	\$0.000009
Transmission @ 34.5 kV	276.2	\$10,491	1,459,178,627	\$0.000007	\$0.000007
Transmission @ 230 kV	20.3	\$772	343,139,121	\$0.000002	\$0.000002
Total	5,903.5	\$224,224	19,325,431,948		

(1) Cost Allocation of PEPCO Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months PEPCO Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	PEPCO-Transmission Enhancement Costs to RSCP Suppliers	\$189,493 = Line 3 x \$3.17 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.01 = Line 4 / Line 2

**Attachment 3h**

**Jersey Central Power & Light Company**

Proposed PPL Project Transmission Enhancement Charge (PPL-TEC Surcharge) effective November 1, 2020

To reflect FERC-approved PPL Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly PPL-TEC Costs Allocated to JCP&L Zone	\$1,151,754.28	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
PPL-Transmission Enhancement Rate (\$/MW-month)	\$190.15	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	Effective November 1, 2020	
				PPL-TEC Surcharge (\$/kWh)	PPL-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$12,034,752	15,933,921,417	\$0.000755	\$0.000805
Primary	332.7	\$759,156	1,589,192,784	\$0.000478	\$0.000510
Transmission @ 34.5 kV	276.2	\$630,269	1,459,178,627	\$0.000432	\$0.000461
Transmission @ 230 kV	20.3	\$46,390	343,139,121	\$0.000135	\$0.000144
Total	5,903.5	\$13,470,568	19,325,431,948		

(1) Cost Allocation of PPL Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months PPL Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	PPL-Transmission Enhancement Costs to RSCP Suppliers	\$11,366,604 = Line 3 x \$190.15 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.69 = Line 4 / Line 2

**Attachment 3i**

**Jersey Central Power & Light Company**

Proposed BG&E Project Transmission Enhancement Charge (BG&E-TEC Surcharge) effective November 1, 2020  
 To reflect FERC-approved BG&E Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly BG&E-TEC Costs Allocated to JCP&L Zone	\$15,996.90	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
BG&E-Transmission Enhancement Rate (\$/MW-month)	\$2.64	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				BG&E-TEC Surcharge (\$/kWh)	BG&E-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$167,153	15,933,921,417	\$0.000010	\$0.000011
Primary	332.7	\$10,544	1,589,192,784	\$0.000007	\$0.000007
Transmission @ 34.5 kV	276.2	\$8,754	1,459,178,627	\$0.000006	\$0.000006
Transmission @ 230 kV	20.3	\$644	343,139,121	\$0.000002	\$0.000002
Total	5,903.5	\$187,095	19,325,431,948		

(1) Cost Allocation of BG&E Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months BG&E Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

**BGS-RSCP Supplier Payment Adjustment**

**Line No.**

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	BG&E-Transmission Enhancement Costs to RSCP Suppliers	\$157,811 = Line 3 x \$2.64 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.01 = Line 4 / Line 2

**Attachment 3j**

**Jersey Central Power & Light Company**

Proposed MAIT Project Transmission Enhancement Charge (MAIT-TEC Surcharge) effective November 1, 2020

To reflect FERC-approved MAIT Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2020 - December 2020

2020/2021 Average Monthly MAIT-TEC Costs Allocated to JCP&L Zone	\$143,943.29	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
MAIT-Transmission Enhancement Rate (\$/MW-month)	\$23.76	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				MAIT-TEC Surcharge (\$/kWh)	MAIT-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$1,504,072	15,933,921,417	\$0.000094	\$0.000100
Primary	332.7	\$94,877	1,589,192,784	\$0.000060	\$0.000064
Transmission @ 34.5 kV	276.2	\$78,769	1,459,178,627	\$0.000054	\$0.000058
Transmission @ 230 kV	20.3	\$5,798	343,139,121	\$0.000017	\$0.000018
Total	5,903.5	\$1,683,517	19,325,431,948		

(1) Cost Allocation of MAIT Project Schedule 12 Charges to JCP&L Zone for 2020

(2) Based on 12 months MAIT Project costs from January 2020 through December 2020

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	MAIT-Transmission Enhancement Costs to RSCP Suppliers	\$1,420,302 = Line 3 x \$23.76 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.09 = Line 4 / Line 2

**Attachment 3k**

**Jersey Central Power & Light Company**

Proposed PECO Project Transmission Enhancement Charge (PECO-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved PECO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 2020 - May 2021

2020/2021 Average Monthly PECO-TEC Costs Allocated to JCP&L Zone	\$95,606.55	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
PECO-Transmission Enhancement Rate (\$/MW-month)	\$15.78	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	<b>Effective November 1, 2020</b>	
				PECO-TEC Surcharge (\$/kWh)	PECO-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$998,999	15,933,921,417	\$0.000063	\$0.000067
Primary	332.7	\$63,017	1,589,192,784	\$0.000040	\$0.000043
Transmission @ 34.5 kV	276.2	\$52,318	1,459,178,627	\$0.000036	\$0.000038
Transmission @ 230 kV	20.3	\$3,851	343,139,121	\$0.000011	\$0.000012
Total	5,903.5	\$1,118,185	19,325,431,948		

(1) Cost Allocation of PECO Project Schedule 12 Charges to JCP&L Zone for 2020/2021

(2) Based on 12 months PECO Project costs from June 2020 through May 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	PECO-Transmission Enhancement Costs to RSCP Suppliers	\$943,282 = Line 3 x \$15.78 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.06 = Line 4 / Line 2

**Attachment 3I****Jersey Central Power & Light Company**

Proposed AEP-East Project Transmission Enhancement Charge (AEP-East-TEC Surcharge) effective November 1, 2020  
 To reflect FERC-approved AEP-East Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2020 - December 2020

2020/2021 Average Monthly AEP-East-TEC Costs Allocated to JCP&L Zone	\$72,605.27	(1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10	
AEP-East-Transmission Enhancement Rate (\$/MW-month)	\$11.99	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh)(3)	Effective November 1, 2020	
				AEP-East-TEC Surcharge (\$/kWh)	AEP-East-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	\$758,657	15,933,921,417	\$0.000048	\$0.000051
Primary	332.7	\$47,856	1,589,192,784	\$0.000030	\$0.000032
Transmission @ 34.5 kV	276.2	\$39,731	1,459,178,627	\$0.000027	\$0.000029
Transmission @ 230 kV	20.3	\$2,924	343,139,121	\$0.000009	\$0.000010
Total	5,903.5	\$849,169	19,325,431,948		

(1) Cost Allocation of AEP-East Project Schedule 12 Charges to JCP&L Zone for 2020

(2) Based on 12 months AEP-East Project costs from January 2020 through December 2020

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment AdjustmentLine No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	AEP-East-Transmission Enhancement Costs to RSCP Suppliers	\$716,727 = Line 3 x \$11.99 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.04 = Line 4 / Line 2

**Attachment 3m**

**Jersey Central Power & Light Company**

Proposed EL18-680Fm715 Project Transmission Enhancement Charge (EL18-680Fm715-TEC Surcharge) effective November 1, 2020  
 To reflect FERC-approved EL18-680Fm715 Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective August 2020 - March 2021

2020/2021 Average Monthly EL18-680Fm715-TEC Costs Allocated to JCP&L Zone	(\$2,560.58) (1)
2020 JCP&L Zone Transmission Peak Load (MW)	6,057.10
EL18-680Fm715-Transmission Enhancement Rate (\$/MW-month)	(\$0.42)

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh) (3)	<b>Effective November 1, 2020</b>	
				EL18-680Fm715-TEC Surcharge (\$/kWh)	EL18-680Fm715-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,274.3	-\$26,756	15,933,921,417	(\$0.000002)	(\$0.000002)
Primary	332.7	-\$1,688	1,589,192,784	(\$0.000001)	(\$0.000001)
Transmission @ 34.5 kV	276.2	-\$1,401	1,459,178,627	(\$0.000001)	(\$0.000001)
Transmission @ 230 kV	20.3	-\$103	343,139,121	\$0.000000	\$0.000000
Total	5,903.5	-\$29,948	19,325,431,948		

(1) Cost Allocation of EL18-680Fm715 Project Schedule 12 Charges to JCP&L Zone for 2015 through 2020

(2) Based on 8 months EL18-680Fm715 Project costs from August 2020 through March 2021

(3) November 2020 through October 2021

BGS-RSCP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales June through May @ Customer	14,746,643 MWH
2	BGS-RSCP Eligible Sales June through May @ Transmission Node	16,356,493 MWH
3	BGS-RSCP Eligible Transmission Obligation	4,981.42 MW
4	EL18-680Fm715-Transmission Enhancement Costs to RSCP Suppliers	(\$25,106) = Line 3 x \$-0.42 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$0.00 = Line 4 / Line 2

- Attachment 4a (ACE Pro-forma Tariff Sheets)
- Attachment 4b (ACE Translation of NITS Charge into Customer Rates)
- Attachment 4c (ACE Translation of PSE&G TEC into Customer Rates)
- Attachment 4d (ACE Translations of JCP&L TEC into Customer Rates)
- Attachment 4e (ACE Translation of VEPCo TEC into Customer Rates)
- Attachment 4f (ACE Translation of TrailCo TEC into Customer Rates)
- Attachment 4g (ACE Translation of PEPSCO TEC into Customer Rates)
- Attachment 4h (ACE Translation of PPL TEC into Customer Rates)
- Attachment 4i (ACE Translation of BG&E TEC into Customer Rates)
- Attachment 4j (ACE Translation of MAIT TEC into Customer Rates)
- Attachment 4k (ACE Translation of PECO TEC into Customer Rates)
- Attachment 4l (ACE Translation of AEP East TEC into Customer Rates)
- Attachment 4m (ACE Translation of ER18-680 and Form 715 TEC into Customer Rates)

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 5**

**RATE SCHEDULE RS  
(Residential Service)**

**AVAILABILITY**

Available for full domestic service to individually metered residential customers, including rural domestic customers, engaged principally in agricultural pursuits.

	<b>SUMMER</b> June Through September	<b>WINTER</b> October Through May
<b>Delivery Service Charges:</b>		
Customer Charge (\$/Month)	\$5.77	\$5.77
<b>Distribution Rates (\$/kWh)</b>		
First Block	\$0.065988	\$0.060436
(Summer <= 750 kWh; Winter <= 500kWh)		
Excess kWh	\$0.076732	\$0.060436
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>		See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program		See Rider SBC
Universal Service Fund		See Rider SBC
Lifeline		See Rider SBC
Uncollectible Accounts		See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>		See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>		See Rider SEC
<b>Transmission Service Charges (\$/kWh):</b>		
Transmission Rate	\$0.018931	\$0.018931
Reliability Must Run Transmission Surcharge		\$0.000000
Transmission Enhancement Charge (\$/kWh)		See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>		See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>		See Rider RGGI
<b>Infrastructure Investment Program Charge</b>		See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

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Date of Issue:

Effective Date:

Issued by:

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 11**

**RATE SCHEDULE MGS-SECONDARY  
(Monthly General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer delivered at one point and metered at or compensated to the voltage of delivery. This schedule is not available to residential customers.

	<b>SUMMER</b>	<b>WINTER</b>
	June Through September	October Through May
<b>Delivery Service Charges:</b>		
Customer Charge		
Single Phase	\$9.96	\$9.96
Three Phase	\$11.59	\$11.59
<b>Distribution Demand Charge (per kW)</b>	\$2.70	\$2.22
<b>Reactive Demand Charge</b>	\$0.58	\$0.58
(For each kvar over one-third of kW demand)		
<b>Distribution Rates (\$/kWh)</b>	\$0.057810	\$0.051659
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>		
	See Rider NGC	
<b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program	See Rider SBC	
Universal Service Fund	See Rider SBC	
Lifeline	See Rider SBC	
Uncollectible Accounts	See Rider SBC	
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC	
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC	
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS	
<b>Transmission Demand Charge (\$/kW for each kW in excess of 3 kW)</b>	\$4.21	\$3.83
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000	
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS	
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS	
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI	
<b>Infrastructure Investment Program Charge</b>	See Rider IIP	

The minimum monthly bill will be \$9.96 per month plus any applicable adjustment.

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**Date of Issue:**

**Effective Date:**

**Issued by:**

## ATLANTIC CITY ELECTRIC COMPANY

BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 14

## **RATE SCHEDULE MGS-PRIMARY (Monthly General Service)**

## AVAILABILITY

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer delivered at one point and metered at or compensated to the voltage of delivery. This schedule is not available to residential customers.

	<b>SUMMER</b>	<b>WINTER</b>
	June Through September	October Through May
<b>Delivery Service Charges:</b>		
Customer Charge		
Single Phase	\$14.70	\$14.70
Three Phase	\$15.97	\$15.97
<b>Distribution Demand Charge (per kW)</b>	\$1.58	\$1.23
<b>Reactive Demand Charge</b>	\$0.43	\$0.43
(For each kvar over one-third of kW demand)		
<b>Distribution Rates (\$/kWh)</b>	\$0.044529	\$0.043256
 <b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>		See Rider NGC
 <b>Societal Benefits Charge (\$/kWh)</b>		
Clean Energy Program		See Rider SBC
Universal Service Fund		See Rider SBC
Lifeline		See Rider SBC
Uncollectible Accounts		See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>		See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>		See Rider SEC
<b>CIEP Standby Fee (\$/kWh)</b>		See Rider BGS
<b>Transmission Demand Charge</b>	\$2.51	\$2.16
(\$/kW for each kW in excess of 3 kW)		
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>		\$0.000000
<b>Transmission Enhancement Charge (\$/kWh)</b>		See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>		See Rider BGS
<b>Regional Greenhouse Gas Initiative</b>		
<b>Recovery Charge (\$/kWh)</b>		See Rider RGGI
<b>Infrastructure Investment Program Charge</b>		See Rider IIP

The minimum monthly bill will be \$14.70 per month plus any applicable adjustment.

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**Date of Issue:**

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**Effective Date:**

**Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 17**

**RATE SCHEDULE AGS-SECONDARY  
(Annual General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage of delivery.

**MONTHLY RATE**

**Delivery Service Charges:**

Customer Charge	\$193.22
<b>Distribution Demand Charge (\$/kW)</b>	\$11.16
<b>Reactive Demand (for each kvar over one-third of kW demand)</b>	\$0.86
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>	See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>	
Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS
<b>Transmission Demand Charge (\$/kW)</b>	\$3.40
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI
<b>Infrastructure Investment Program Charge</b>	See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**VETERANS' ORGANIZATION SERVICE**

Pursuant to N.J.S.A 48:2-21.41, when electric service is delivered to a customer that is a veterans' organization, and where the primary use of the service is dedicated to serving the needs of veterans of the armed forces, and the customer applies for and is eligible for such service.

Each customer shall be eligible for billing under this Special Provision upon submitting an Application for Veterans' Organization Service under this rate schedule and by qualifying as a "Veterans' Organization" as defined by N.J.S.A. 48:2-21.41 as "an organization dedicated to serving the needs of veterans of the armed forces that: is chartered under federal law, qualifies as a tax exempt organization under paragraph (19) of subsection (c) of section 501 of the federal Internal Revenue Code of 1986, 26 U.S.C. s.501 (c)(19), or that is organized as a corporation under the 'New Jersey Nonprofit Corporation Act,' N.J.S.15A:1-1 et seq." Under N.J.S.A. 48: 2-21.41, a qualified Veterans' Organization shall be charged the residential rate for service delivered to the property where the Veterans' Organization primarily operates, if the residential rate is lower than the commercial rate for service at that property. The customer shall furnish satisfactory proof of eligibility of service under this special provision to the Company, who will determine eligibility.

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**Date of Issue:**

**Effective Date:**

**Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 19**

**RATE SCHEDULE AGS-PRIMARY  
(Annual General Service)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage of delivery.

**MONTHLY RATE**

**Delivery Service Charges:**

Customer Charge	\$744.15
<b>Distribution Demand Charge (\$/kW)</b>	\$8.89
<b>Reactive Demand (for each kvar over one-third of kW demand)</b>	\$0.67
<b>Non-Utility Generation Charge (NGC) (\$/kWh)</b>	See Rider NGC
<b>Societal Benefits Charge (\$/kWh)</b>	
Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC
<b>Transition Bond Charge (TBC) (\$/kWh)</b>	See Rider SEC
<b>Market Transition Charge Tax (MTC-Tax) (\$/kWh)</b>	See Rider SEC
<b>CIEP Standby Fee (\$/kWh)</b>	See Rider BGS
<b>Transmission Demand Charge (\$/kW)</b>	\$3.15
<b>Reliability Must Run Transmission Surcharge (\$/kWh)</b>	\$0.000000
<b>Transmission Enhancement Charge (\$/kWh)</b>	See Rider BGS
<b>Basic Generation Service Charge (\$/kWh)</b>	See Rider BGS
<b>Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)</b>	See Rider RGGI
<b>Infrastructure Investment Program Charge</b>	See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**VETERANS' ORGANIZATION SERVICE**

Pursuant to N.J.S.A 48:2-21.41, when electric service is delivered to a customer that is a veterans' organization, and where the primary use of the service is dedicated to serving the needs of veterans of the armed forces, and the customer applies for and is eligible for such service.

Each customer shall be eligible for billing under this Special Provision upon submitting an Application for Veterans' Organization Service under this rate schedule and by qualifying as a "Veterans' Organization" as defined by N.J.S.A. 48:2-21.41 as "an organization dedicated to serving the needs of veterans of the armed forces that: is chartered under federal law, qualifies as a tax exempt organization under paragraph (19) of subsection (c) of section 501 of the federal Internal Revenue Code of 1986, 26 U.S.C. s.501 (c)(19), or that is organized as a corporation under the 'New Jersey Nonprofit Corporation Act,' N.J.S.15A:1-1 et seq." Under N.J.S.A. 48: 2-21.41, a qualified Veterans' Organization shall be charged the residential rate for service delivered to the property where the Veterans' Organization primarily operates, if the residential rate is lower than the commercial rate for service at that property. The customer shall furnish satisfactory proof of eligibility of service under this special provision to the Company, who will determine eligibility.

**Date of Issue:**

**Effective Date:**

**Issued by:**

**RATE SCHEDULE TGS**  
**(Transmission General Service)**  
**(Sub Transmission Service Taken at 23kV and 34.5 kV)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage subtransmission level (23 or 34.5 kV).

**MONTHLY RATE****Delivery Service Charges:****Customer Charge**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$131.75
5,000 – 9,000 kW	\$4,363.57
Greater than 9,000 kW	\$7,921.01

**Distribution Demand Charge (\$/kW)**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$3.80
5,000 – 9,000 kW	\$2.93
Greater than 9,000 kW	\$1.47

**Reactive Demand (for each kvar over one-third of kW demand)****Non-Utility Generation Charge (NGC) (\$/kWh)**

\$0.52

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC

**Transition Bond Charge (TBC) (\$/kWh)**

\$0.52

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

See Rider SEC

**CIEP Standby Fee (\$/kWh)**

See Rider BGS

**Transmission Demand Charge (\$/kW)**

\$4.78

**Reliability Must Run Transmission Surcharge (\$/kWh)**

\$0.000000

**Transmission Enhancement Charge (\$/kWh)**

See Rider BGS

**Basic Generation Service Charge (\$/kWh)**

See Rider BGS

**Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)**

See Rider RGGI

**Infrastructure Investment Program Charge**

See Rider IIP

**Date of Issue:****Effective Date:****Issued by:**

**RATE SCHEDULE TGS**  
**(Transmission General Service)**  
**(Transmission Service Taken at or above 69kV)**

**AVAILABILITY**

Available at any point within the Company's system where facilities of adequate character and capacity exist for the entire electric service requirements of any customer contracting for annual service delivered at one point and metered at or compensated to the voltage at transmission level (69 kV or higher).

**MONTHLY RATE****Delivery Service Charges:****Customer Charge**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$128.21
5,000 – 9,000 kW	\$4,246.42
Greater than 9,000 kW	\$19,316.15

**Distribution Demand Charge (\$/kW)**

Maximum billed demand within the most recent 12 billing months.

Less than 5,000 kW	\$2.96
5,000 – 9,000 kW	\$2.29
Greater than 9,000 kW	\$0.16

**Reactive Demand (for each kvar over one-third of kW demand)****Non-Utility Generation Charge (NGC) (\$/kW)**

\$0.50

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

Clean Energy Program	See Rider SBC
Universal Service Fund	See Rider SBC
Lifeline	See Rider SBC
Uncollectible Accounts	See Rider SBC
	See Rider SEC

**Transition Bond Charge (TBC) (\$/kWh)****Market Transition Charge Tax (MTC-Tax) (\$/kWh)****CIEP Standby Fee (\$/kWh)****Transmission Demand Charge (\$/kW)****Reliability Must Run Transmission Surcharge (\$/kWh)****Transmission Enhancement Charge (\$/kWh)****Basic Generation Service Charge (\$/kWh)****Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)****Infrastructure Investment Program Charge**

\$2.00

\$0.000000

See Rider BGS

See Rider BGS

See Rider RGII

See Rider IIP

**Date of Issue:****Effective Date:****Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service – Section IV Revised Sheet Replaces Revised Sheet No. 31**

**RATE SCHEDULE DDC**  
**(Direct Distribution Connection)**

**AVAILABILITY**

Available at any point within the Company's existing distribution system where facilities of adequate character exist for the connection of fixed, constant and predictable non-residential loads not to exceed one kilowatt

**MONTHLY RATES**

**Distribution:**

Service and Demand (per day per connection)	\$0.162459
Energy (per day for each kW of effective load)	\$0.782504

**Non-Utility Generation Charge (NGC) (\$/kWh)**

See Rider NGC

**Societal Benefits Charge (\$/kWh)**

See Rider SBC  
See Rider SBC

Clean Energy Program

Universal Service Fund

Lifeline See Rider SBC

Uncollectible Accounts

See Rider SBC

See Rider SEC

**Market Transition Charge Tax (MTC-Tax) (\$/kWh)**

See Rider SEC

**Transmission Rate (\$/kWh)**

\$0.005962

**Reliability Must Run Transmission Surcharge (\$/kWh)**

\$0.000000

**Transmission Enhancement Charge (\$/kWh)**

See Rider BGS

**Basic Generation Service Charge (\$/kWh)**

See Rider BGS

**Regional Greenhouse Gas Initiative Recovery Charge (\$/kWh)**

See Rider RGGI

**Infrastructure Investment Program Charge**

See Rider IIP

**CORPORATE BUSINESS TAX (CBT)**

Charges under this rate schedule include a component for Corporate Business Taxes as set forth in Rider CBT.

**NEW JERSEY SALES AND USE TAX (SUT)**

Charges under this rate schedule include a component for New Jersey Sales and Use Tax as set forth in Rider SUT.

**LOAD CONSUMPTION**

Effective load shall be determined by the Company and be specified in the contract. Effective load is defined as the sum of the products of the connected load in kilowatts times the percent load on at one time. No changes in attached load may be made by the customer without the permission of the Company and customer shall allow the Company access to his premises to assure conformance with this provision.

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**Date of Issue:**

**Effective Date:**

**Issued by:**

**ATLANTIC CITY ELECTRIC COMPANY**

**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 44**

**RIDER STB-STANDBY SERVICE**

**(Applicable to MGS, AGS, TGS and SPP Rate Schedules)**

**AVAILABILITY**

This rider is available to customers having other sources of electrical energy supply, but who desire to purchase Standby Service from the Company. The terms of this rider shall not be available in any month when the customer's Generation Availability for the current and preceding five (5) months does not exceed 50%.

**DEFINITIONS**

Standby Service:

Standby Service is defined as the additional electrical capacity available to a customer in the event of a forced outage and during a mutually agreed upon customer's scheduled maintenance shutdown of the customer owned electrical energy source.

Standby Service Capacity:

The Standby Service Capacity shall be the maximum electrical capacity in kW supplied by the customer owned electrical energy source during the current and preceding five (5) months. Such Standby Service Capacity may be revised with the Company's approval as changes in the customer's load conditions warrant.

Generation Availability:

Generation Availability is defined as the availability of the customer owned electrical energy source during the current and preceding five (5) months and shall be determined by dividing the Kwhrs produced during this period by the product of the Standby Service Capacity times 4380 hours.

**MODIFICATION OF DEMAND DETERMINATION**

The monthly billing demand shall be as defined under the "Demand Determination" section of the applicable rate schedule.

The Standby Service Demand shall be the "Standby Service Capacity" as defined above.

During the billing months in which a forced outage or mutually agreed upon customer's scheduled maintenance shutdown occurs, the billing demand will be determined by subtracting the Standby Service Capacity from the total demand and waives the minimum charge provision of the applicable rate schedule. Electric service is provided under the terms of the applicable rate schedule. Total demand is defined as the sum of the Company's demand meter plus demand supplied by the other sources of electrical energy, all computed to the nearest whole kilowatt during a fifteen minute period.

**STANDBY SERVICE CHARGE**

**This rider imposes a Standby Service Charge at the following voltage levels:**

<u>Tariff</u>	<u>Transmission Stand By Rate</u> <u>(\$/kW)</u>	<u>Distribution Stand By Rate</u> <u>(\$/kW)</u>
MGS-Secondary	\$0.43	\$0.15
MGS Primary	\$0.26	\$0.14
AGS Secondary	\$0.35	\$1.13
AGS Primary	\$0.32	\$0.90
TGS Sub Transmission	\$0.20	\$0.00
TGS Transmission	\$0.20	\$0.00

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**Date of Issue:**

**Effective Date:**

**Issued by:**

**RIDER (BGS) continued**  
**Basic Generation Service (BGS)**

**CIEP Standby Fee**      \$0.000160 per kWh

This charge recovers the costs associated with the winning BGS-CIEP bidders maintaining the availability of the hourly priced default electric supply service plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT. This charge is assessed on all kWhs delivered to all CIEP- eligible customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary, AGS Primary or TGS.

**Transmission Enhancement Charge**

This charge reflects Transmission Enhancement Charges ("TECs"), implemented to compensate transmission owners for the annual transmission revenue requirements for "Required Transmission Enhancements" (as defined in Schedule 12 of the PJM OATT) that are requested by PJM for reliability or economic purposes and approved by the Federal Energy Regulatory Commission (FERC). The TEC charge (in \$ per kWh by Rate Schedule), including administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT, is delineated in the following table.

**Rate Class**

	<u>RS</u>	<u>MGS Secondary</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/ CSL</u>	<u>DDC</u>
VEPCo	0.000279	0.000203	0.000222	0.000143	0.000110	0.000101	-	0.000088
TrAILCo	0.000338	0.000245	0.000269	0.000172	0.000133	0.000122	-	0.000107
PSE&G	0.000544	0.000396	0.000433	0.000277	0.000214	0.000196	-	0.000172
PATH	(0.000003)	(0.000002)	(0.000002)	(0.000002)	(0.000001)	(0.000001)	-	(0.000001)
PPL	0.000118	0.000085	0.000094	0.000060	0.000047	0.000043	-	0.000037
PECO	0.000134	0.000097	0.000107	0.000068	0.000053	0.000048	-	0.000043
Pepco	0.000025	0.000018	0.000019	0.000013	0.000010	0.000009	-	0.000007
MAIT	0.000026	0.000018	0.000020	0.000013	0.000010	0.000010	-	0.000009
JCP&L	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
EL05-121	0.000016	0.000013	0.000010	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000007	0.000005	0.000005	0.000003	0.000003	0.000002	-	0.000002
BG&E	0.000029	0.000021	0.000023	0.000015	0.000012	0.000011	-	0.000010
AEP-East	0.000054	0.000039	0.000044	0.000028	0.000021	0.000020	-	0.000017
Silver Run	0.000154	0.000122	0.000093	0.000088	0.000074	0.000068	-	0.000055
NIPSCO	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	-	0.000001
CW Edison	0.000001	0.000001	0.000001	-	-	-	-	-
ER18-680 & Form 715	0.000084	0.000061	0.000067	0.000043	0.000033	0.000030	-	0.000027
Total	0.001810	0.001325	0.001408	0.000934	0.000728	0.000668	-	0.000581

**Date of Issue:****Effective Date:****Issued by:**

**Atlantic City Electric Company**  
 Proposed Transmission Rate Design  
 Formula Rate Effective November 1, 2020  
 Change in FERC Formual Based Rate

	2019 Booked Total Revenue (\$)	Annualized Transmission Revenue based on Current Billing Determinants (\$)	Transmission Peak Load Share (kW)	Transmission Revenue based on Peak Load Share (\$)	Increase/(Decrease) (\$)	Increase/(Decrease) (%)
<b>Residential</b>						
Residential	\$ 660,402,817	\$ 70,598,828	1,599,270	\$ 70,595,404	\$ (3,424)	0.00%
<b>Commercial and Industrial</b>						
MGS Secondary	\$ 159,285,086	\$ 16,781,471	380,092	\$ 16,778,140	\$ (3,331)	0.00%
MGS Primary	\$ 3,686,046	\$ 374,109	8,490	\$ 374,750	\$ 641	0.02%
AGS Secondary	\$ 106,633,153	\$ 16,358,113	371,009	\$ 16,377,178	\$ 19,065	0.02%
AGS Primary	\$ 28,228,787	\$ 4,004,379	90,600	\$ 3,999,282	\$ (5,098)	-0.02%
TGS - Subtransmission	\$ 30,636,643	\$ 4,564,067	103,411	\$ 4,564,784	\$ 717	0.00%
TGS - Transmission	\$ 12,283,030	\$ 2,304,149	52,222	\$ 2,305,198	\$ 1,049	0.01%
SPL/CSL	\$ 19,265,225	\$ -	\$ -	\$ -	\$ -	0.00%
DDC	\$ 913,005	\$ 82,435	1,867	\$ 82,431	\$ (4)	0.00%
<b>Subtotal Commercial and Industrial</b>	<b>\$ 360,930,975</b>	<b>\$ 44,468,723</b>	<b>1,007,691</b>	<b>\$ 44,481,763</b>	<b>\$ 13,040</b>	<b>0.00%</b>
<b>Total Jurisdiction</b>	<b>\$ 1,021,333,792</b>	<b>\$ 115,067,551</b>	<b>2,606,960</b>	<b>\$ 115,077,167</b>	<b>\$ 9,616</b>	<b>0.00%</b>
Wholesale Transmission Rate		\$ 44.03				
Rate Including Regulatory Assessment		\$ 44.14				

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Residential ("RS")**

Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
kWh	3,976,054,770	\$ 0.018932	\$ 0.017756	\$ 70,598,828	\$ (0.000001)	\$ 0.017755
<b>Transmission Rate Change</b>				\$ (3,424)		

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Monthly General Service - Secondary (MGS Secondary)**

Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
<b>Demand</b>						
SUM > 3 KW	1,781,692	\$ 4.21	\$ 3.95	\$ 7,037,683	\$ -	\$ 3.95
WIN > 3 KW	2,714,147	\$ 3.83	\$ 3.59	\$ 9,743,788	\$ -	\$ 3.59
TOTAL KW	<u><u>4,495,839</u></u>			<u><u>\$ 16,781,471</u></u>		
<b>Transmission Rate Change</b>						
			\$ (3,331)			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Monthly General Service - Primary (MGS Primary)**

Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
<b>Demand</b>						
SUM > 3 KW	63,680	\$ 2.51	\$ 2.35	\$ 149,648	\$ -	\$ 2.35
WIN > 3 KW	110,572	\$ 2.16	\$ 2.03	\$ 224,461	\$ -	\$ 2.03
TOTAL KW	<b><u>174,252</u></b>		<b><u>\$ 374,109</u></b>			<b><u>\$ 2.16</u></b>
<b>Transmission Rate Change</b>						
			\$ 641			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Annual General Service Secondary (AGS Secondary)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Demand KW	5,127,935	\$ 3.40	\$ 3.19	\$ 16,358,113	\$ -	\$ 3.19	\$ 3.40
<b>Transmission Rate Change</b>				\$ 19,065			
				17,434,979			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Annual General Service Primary (AGS Primary)**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
Demand KW	1,357,417	\$ 3.15	\$ 2.95	\$ 4,004,379	\$ -	\$ 2.95	\$ 3.15
<b>Transmission Rate Change</b>				\$ (5,098)			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Sub Transmission General Service (TGS)**

	<u>Billing Determinants</u>	<u>Rate</u>	<u>Rate w/o SUT</u>	<u>Annualized Present Revenue w/o SUT</u>	<u>Rate Adjustment</u>	<u>Proposed Rate w/o SUT</u>	<u>Proposed Rate w/SUT</u>
Demand KW	1,018,765	\$ 4.78	\$ 4.48	\$ 4,564,067	\$ -	\$ 4.48	\$ 4.78
<b>Transmission Rate Change</b>				\$ 717			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Transmission General Service (TGS)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Demand KW	1,225,611	\$ 2.00	\$ 1.88	\$ 2,304,149	\$ -	\$ 1.88	\$ 2.00
<b>Transmission Rate Change</b>				\$ 1,049			

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Street and Private Lighting (SPL)  
Contributed Street Lighting (CSL)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Kilowatthour charge							
Annual	71,478,467	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Transmission Rate Change</b>				\$ -	\$ -		

**ATLANTIC CITY ELECTRIC**

Proposed Transmission Rate Design

Formula Rate Effective November 1, 2020

**Direct Distribution Connection (DDC)**

	Billing Determinants	Rate	Rate w/o SUT	Annualized Present Revenue w/o SUT	Rate Adjustment	Proposed Rate w/o SUT	Proposed Rate w/SUT
Kilowatthour charge							
Annual	14,741,626	\$ 0.005962	\$ 0.005592	\$ 82,435	\$ -	\$ 0.005592	\$ 0.005962
<b>Transmission Rate Change</b>				\$ (4)			

Atlantic City Electric Company  
Standby Rate Development  
Formula Rate Effective November 1, 2020

<b>Rate Schedule</b>	Demand Rates (\$/kW)		Standby Rates (\$/kW)		Transmission Standby Factor
		Transmission		Transmission	
MGS Secondary	\$	4.21	\$	0.43	0.101604278
MGS Primary	\$	2.51	\$	0.26	0.101604278
AGS Secondary	\$	3.40	\$	0.35	0.101604278
AGS Primary	\$	3.15	\$	0.32	0.101604278
TGS Transmission	\$	2.00	\$	0.20	0.101604278

**Atlantic City Electric Company**

Proposed PSE&G Projects Transmission Enhancement Charge (PSE&G-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	280,509
	\$	<u>280,509</u>

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	102.48
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 1,966,652	3,862,087,569	\$ 0.000509	\$ 0.000510	\$ 0.000544
MGS Secondary	380	\$ 467,407	1,263,645,888	\$ 0.000370	\$ 0.000371	\$ 0.000396
MGS Primary	8	\$ 10,440	25,772,485	\$ 0.000405	\$ 0.000406	\$ 0.000433
AGS Secondary	371	\$ 456,237	1,755,110,088	\$ 0.000260	\$ 0.000260	\$ 0.000277
AGS Primary	91	\$ 111,412	554,832,432	\$ 0.000201	\$ 0.000201	\$ 0.000214
TGS	156	\$ 191,384	1,039,312,955	\$ 0.000184	\$ 0.000184	\$ 0.000196
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 2,296	14,236,110	\$ 0.000161	\$ 0.000161	\$ 0.000172
	2,607	\$ 3,205,828	8,582,339,259			

**Atlantic City Electric Company**

Proposed JCP&L Projects Transmission Enhancement Charge (JCP&L-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	1,674
	\$	<hr/> 1,674

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	0.61
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2019 - May 2020 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 11,735	3,862,087,569	\$ 0.000003	\$ 0.000003	\$ 0.000003
MGS Secondary	380	\$ 2,789	1,263,645,888	\$ 0.000002	\$ 0.000002	\$ 0.000002
MGS Primary	8	\$ 62	25,772,485	\$ 0.000002	\$ 0.000002	\$ 0.000002
AGS Secondary	371	\$ 2,722	1,755,110,088	\$ 0.000002	\$ 0.000002	\$ 0.000002
AGS Primary	91	\$ 665	554,832,432	\$ 0.000001	\$ 0.000001	\$ 0.000001
TGS	156	\$ 1,142	1,039,312,955	\$ 0.000001	\$ 0.000001	\$ 0.000001
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 14	14,236,110	\$ 0.000001	\$ 0.000001	\$ 0.000001
	<hr/> 2,607	<hr/> \$ 19,129	<hr/> 8,582,339,259			

**Atlantic City Electric Company**

Proposed VEPCO Projects Transmission Enhancement Charge (VEPCO-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	144,279
	\$	<u>144,279</u>

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	52.71
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2019 - May 2020 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 1,011,542	3,862,087,569	\$ 0.000262	\$ 0.000262	\$ 0.000279
MGS Secondary	380	\$ 240,409	1,263,645,888	\$ 0.000190	\$ 0.000190	\$ 0.000203
MGS Primary	8	\$ 5,370	25,772,485	\$ 0.000208	\$ 0.000208	\$ 0.000222
AGS Secondary	371	\$ 234,664	1,755,110,088	\$ 0.000134	\$ 0.000134	\$ 0.000143
AGS Primary	91	\$ 57,305	554,832,432	\$ 0.000103	\$ 0.000103	\$ 0.000110
TGS	156	\$ 98,438	1,039,312,955	\$ 0.000095	\$ 0.000095	\$ 0.000101
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 1,181	14,236,110	\$ 0.000083	\$ 0.000083	\$ 0.000088
	2,607	\$ 1,648,909	8,582,339,259			

**Atlantic City Electric Company**

Proposed TrAIL CO Projects Transmission Enhancement Charge (TrAIL Co Project-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2019)	\$	174,025
	\$	<u>174,025</u>

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	63.58
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 1,220,093	3,862,087,569	\$ 0.000316	\$ 0.000317	\$ 0.000338
MGS Secondary	380	\$ 289,975	1,263,645,888	\$ 0.000229	\$ 0.000230	\$ 0.000245
MGS Primary	8	\$ 6,477	25,772,485	\$ 0.000251	\$ 0.000252	\$ 0.000269
AGS Secondary	371	\$ 283,045	1,755,110,088	\$ 0.000161	\$ 0.000161	\$ 0.000172
AGS Primary	91	\$ 69,119	554,832,432	\$ 0.000125	\$ 0.000125	\$ 0.000133
TGS	156	\$ 118,733	1,039,312,955	\$ 0.000114	\$ 0.000114	\$ 0.000122
SPL/CSL	-	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 1,425	14,236,110	\$ 0.000100	\$ 0.000100	\$ 0.000107
	2,607	\$ 1,988,867	8,582,339,259			

**Atlantic City Electric Company**

Proposed PEPCO Projects Transmission Enhancement Charge (PEPCO Project-TEC Surcharge) effective November 1, 2020

To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2019)	\$	12,540
	\$	12,540

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW-Month)	\$	4.58
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Rate Class	Col. 1	Col. 2	Col. 3	Col. 4 = Col. 2/Col. 3	Col. 5 = Col. 4 x 1/(1-Effective Rate)	Col. 6 = Col. 5 x 1.06625
	Transmission Obligation (MW)	Allocated Cost Recovery	BGS Eligible Sales June 2020 - May 2021 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 87,917	3,862,087,569	\$ 0.000023	\$ 0.000023	\$ 0.000025
MGS Secondary	380	\$ 20,895	1,263,645,888	\$ 0.000017	\$ 0.000017	\$ 0.000018
MGS Primary	8	\$ 467	25,772,485	\$ 0.000018	\$ 0.000018	\$ 0.000019
AGS Secondary	371	\$ 20,396	1,755,110,088	\$ 0.000012	\$ 0.000012	\$ 0.000013
AGS Primary	91	\$ 4,981	554,832,432	\$ 0.000009	\$ 0.000009	\$ 0.000010
TGS	156	\$ 8,556	1,039,312,955	\$ 0.000008	\$ 0.000008	\$ 0.000009
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 103	14,236,110	\$ 0.000007	\$ 0.000007	\$ 0.000007
	2,607	\$ 143,313	8,582,339,259			

**Atlantic City Electric Company**

Proposed PPL Projects Transmission Enhancement Charge (PPL Project-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	60,944
	\$	<hr/> 60,944

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW-Month)	\$	22.26
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 427,280	3,862,087,569	\$ 0.000111	\$ 0.000111	\$ 0.000118
MGS Secondary	380	\$ 101,550	1,263,645,888	\$ 0.000080	\$ 0.000080	\$ 0.000085
MGS Primary	8	\$ 2,268	25,772,485	\$ 0.000088	\$ 0.000088	\$ 0.000094
AGS Secondary	371	\$ 99,123	1,755,110,088	\$ 0.000056	\$ 0.000056	\$ 0.000060
AGS Primary	91	\$ 24,206	554,832,432	\$ 0.000044	\$ 0.000044	\$ 0.000047
TGS	156	\$ 41,581	1,039,312,955	\$ 0.000040	\$ 0.000040	\$ 0.000043
SPL/CSL	-	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 499	14,236,110	\$ 0.000035	\$ 0.000035	\$ 0.000037
	2,607	\$ 696,506	8,582,339,259			

**Atlantic City Electric Company**

Proposed BG&E Projects Transmission Enhancement Charge (BG&E Project-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	14,935
	\$	14,935

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW-Month)	\$	5.46
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 104,708	3,862,087,569	\$ 0.000027	\$ 0.000027	\$ 0.000029
MGS Secondary	380	\$ 24,886	1,263,645,888	\$ 0.000020	\$ 0.000020	\$ 0.000021
MGS Primary	8	\$ 556	25,772,485	\$ 0.000022	\$ 0.000022	\$ 0.000023
AGS Secondary	371	\$ 24,291	1,755,110,088	\$ 0.000014	\$ 0.000014	\$ 0.000015
AGS Primary	91	\$ 5,932	554,832,432	\$ 0.000011	\$ 0.000011	\$ 0.000012
TGS	156	\$ 10,190	1,039,312,955	\$ 0.000010	\$ 0.000010	\$ 0.000011
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 122	14,236,110	\$ 0.000009	\$ 0.000009	\$ 0.000010
	2,607	\$ 170,685	8,582,339,259			

**Atlantic City Electric Company**

Proposed MAIT Projects Transmission Enhancement Charge (MAIT Project-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	13,239
	\$	<hr/> 13,239

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW-Month)	\$	4.84
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2019 - May 2020 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 92,818	3,862,087,569	\$ 0.000024	\$ 0.000024	\$ 0.000026
MGS Secondary	380	\$ 22,060	1,263,645,888	\$ 0.000017	\$ 0.000017	\$ 0.000018
MGS Primary	8	\$ 493	25,772,485	\$ 0.000019	\$ 0.000019	\$ 0.000020
AGS Secondary	371	\$ 21,533	1,755,110,088	\$ 0.000012	\$ 0.000012	\$ 0.000013
AGS Primary	91	\$ 5,258	554,832,432	\$ 0.000009	\$ 0.000009	\$ 0.000010
TGS	156	\$ 9,033	1,039,312,955	\$ 0.000009	\$ 0.000009	\$ 0.000010
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 108	14,236,110	\$ 0.000008	\$ 0.000008	\$ 0.000009
	2,607	\$ 151,303	8,582,339,259			

**Atlantic City Electric Company**

Proposed PECO Projects Transmission Enhancement Charge (PECO-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective June 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	69,155
	\$	<hr/> 69,155

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	25.26
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales Jun 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 484,845	3,862,087,569	\$ 0.000126	\$ 0.000126	\$ 0.000134
MGS Secondary	380	\$ 115,231	1,263,645,888	\$ 0.000091	\$ 0.000091	\$ 0.000097
MGS Primary	8	\$ 2,574	25,772,485	\$ 0.000100	\$ 0.000100	\$ 0.000107
AGS Secondary	371	\$ 112,477	1,755,110,088	\$ 0.000064	\$ 0.000064	\$ 0.000068
AGS Primary	91	\$ 27,467	554,832,432	\$ 0.000050	\$ 0.000050	\$ 0.000053
TGS	156	\$ 47,183	1,039,312,955	\$ 0.000045	\$ 0.000045	\$ 0.000048
SPL/CSL	-	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 566	14,236,110	\$ 0.000040	\$ 0.000040	\$ 0.000043
	<hr/> 2,607	<hr/> \$ 790,342	<hr/> 8,582,339,259			

**Atlantic City Electric Company**

Proposed AEP Projects Transmission Enhancement Charge (AEP Project-TEC Surcharge) effective November 1, 2020  
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2020

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	28,207
	\$	<u>28,207</u>

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW-Month)	\$	10.30
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 197,762.74	3,862,087,569	\$ 0.000051	\$ 0.000051	\$ 0.000054
MGS Secondary	380	\$ 47,002	1,263,645,888	\$ 0.000037	\$ 0.000037	\$ 0.000039
MGS Primary	8	\$ 1,050	25,772,485	\$ 0.000041	\$ 0.000041	\$ 0.000044
AGS Secondary	371	\$ 45,878	1,755,110,088	\$ 0.000026	\$ 0.000026	\$ 0.000028
AGS Primary	91	\$ 11,203	554,832,432	\$ 0.000020	\$ 0.000020	\$ 0.000021
TGS	156	\$ 19,245	1,039,312,955	\$ 0.000019	\$ 0.000019	\$ 0.000020
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 231	14,236,110	\$ 0.000016	\$ 0.000016	\$ 0.000017
	2,607	\$ 322,372	8,582,339,259			

**Atlantic City Electric Company**

Proposed ER16-680 and Form 715 Projects Transmission Enhancement Charge (ER16-680 and Form 715 TEC Surcharge) effective November 1, 2020

To reflect FERC-approved ER 18-680 and Form 715 Projects Transmission Enhancement Charge (Schedule 12 PJM OATT) effective August 2020 - March 2021

Transmission Enhancement Costs Allocated to ACE Zone (2020)	\$	43,301
	\$	43,301

2020 ACE Zone Transmission Peak Load (MW)	2,737
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Transmission Enhancement Rate (\$/MW)	\$	15.82
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Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2020 - May 2021 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-Effective Rate) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,599	\$ 303,582	3,862,087,569	\$ 0.000079	\$ 0.000079	\$ 0.000084
MGS Secondary	380	\$ 72,151	1,263,645,888	\$ 0.000057	\$ 0.000057	\$ 0.000061
MGS Primary	8	\$ 1,612	25,772,485	\$ 0.000063	\$ 0.000063	\$ 0.000067
AGS Secondary	371	\$ 70,427	1,755,110,088	\$ 0.000040	\$ 0.000040	\$ 0.000043
AGS Primary	91	\$ 17,198	554,832,432	\$ 0.000031	\$ 0.000031	\$ 0.000033
TGS	156	\$ 29,543	1,039,312,955	\$ 0.000028	\$ 0.000028	\$ 0.000030
SPL/CSL	0	\$ -	67,341,732	\$ -	\$ -	\$ -
DDC	2	\$ 354	14,236,110	\$ 0.000025	\$ 0.000025	\$ 0.000027
	2,607	\$ 494,868	8,582,339,259			

- Attachment 5a (RECO Pro-forma Tariff Sheets)
- Attachment 5b (RECO Translation of PSE&G TEC into Customer Rates)
- Attachment 5c (RECO Translation of JCP&L TEC into Customer Rates)
- Attachment 5d (RECO Translation of ACE TEC into Customer Rates)
- Attachment 5e (RECO Translation of VEPCo TEC into Customer Rates)
- Attachment 5f (RECO Translation of TrailCo TEC into Customer Rates)
- Attachment 5g (RECO Translation of PEPCO TEC into Customer Rates)
- Attachment 5h (RECO Translation of PPL TEC into Customer Rates)
- Attachment 5i (RECO Translation of BG&E TEC into Customer Rates)
- Attachment 5j (RECO Translation of MAIT TEC into Customer Rates)
- Attachment 5k (RECO Translation of PECO TEC TEC into Customer Rates)
- Attachment 5l (RECO Translation of AEP East TEC into Customer Rates)
- Attachment 5m (RECO Translation of ER18-680 and Form 715 TEC into Customer Rates)

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Revised Leaf No. 83  
Superseding Leaf No. 83

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**SERVICE CLASSIFICATION NO. 1  
RESIDENTIAL SERVICE (Continued)**

**RATE – MONTHLY (Continued)**

(3) Transmission Charges

- (a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
All kWh .....	@ 1.515 ¢ per kWh	1.515 ¢ per kWh
(b) <u>Transmission Surcharge</u> – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.	All kWh .....	@ 1.167 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

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Revised Leaf No. 90  
Superseding Leaf No. 90

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**SERVICE CLASSIFICATION NO. 2**  
**GENERAL SERVICE (Continued)**

**RATE – MONTHLY (Continued)**

(3) Transmission Charges (Continued)

- (b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.

	<u>Summer Months*</u>	<u>Other Months</u>
<u>Secondary Voltage Service Only</u>		
All kWh .....@	0.788 ¢ per kWh	0.788 ¢ per kWh
<u>Primary Voltage Service Only</u>		
All kWh .....@	0.835 ¢ per kWh	0.835 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Surcharges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

Revised Leaf No. 96  
Superseding Leaf No. 96

**SERVICE CLASSIFICATION NO. 3  
RESIDENTIAL TIME-OF-DAY HEATING SERVICE (Continued)**

**RATE – MONTHLY (Continued)**

(3) Transmission Charge

- (a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
<u>Peak</u>		
All kWh measured between 10:00 a.m. and 10:00 p.m., Monday through Friday .....	@ 1.515 ¢ per kWh	1.515 ¢ per kWh
<u>Off-Peak</u>		
All other kWh .....	@ 1.515 ¢ per kWh	1.515 ¢ per kWh
(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.		
All kWh .....	@ 1.172 ¢ per kWh	1.172 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

Revised Leaf No. 109  
Superseding Leaf No. 109

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**SERVICE CLASSIFICATION NO. 5  
RESIDENTIAL SPACE HEATING SERVICE (Continued)**

**RATE - MONTHLY (Continued)**

(3) Transmission Charge

- (a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
All kWh .....	1.515 ¢ per kWh	1.515 ¢ per kWh

- (b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.

All kWh .....	1.167 ¢ per kWh	1.167 ¢ per kWh
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(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

\* Definition of Summer Billing Months - June through September

(Continued)

**SERVICE CLASSIFICATION NO. 7  
LARGE GENERAL TIME-OF-DAY SERVICE (Continued)**

**RATE– MONTHLY (Continued)**

(3) Transmission Charges (Continued)

(a) (Continued)

		<u>Primary</u>	<u>High Voltage Distribution</u>
<u>Demand Charge</u>			
Period I	All kW @	\$2.41 per kW	\$2.41 per kW
Period II	All kW @	0.64 per kW	0.64 per kW
Period III	All kW @	2.41 per kW	2.41 per kW
Period IV	All kW @	0.64 per kW	0.64 per kW
<u>Usage Charge</u>			
Period I	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period II	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period III	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh
Period IV	All kWh @	0.404 ¢ per kWh	0.404 ¢ per kWh

- (b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run, EL05-121 Settlement and Transmission Enhancement Charges.

		<u>Primary</u>	<u>High Voltage Distribution</u>
All Periods	All kWh @	0.396 ¢ per kWh	0.396 ¢ per kWh

- (4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge.

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, Temporary Tax Act Credit, and Zero Emission Certificate Recovery Charge as described in General Information Section Nos. 33, 34, 35, 36, and 37 respectively, shall be assessed on all kWh delivered hereunder.

(Continued)

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Revised Leaf No. 127  
Superseding Leaf No. 127

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**SERVICE CLASSIFICATION NO. 7**  
**LARGE GENERAL TIME-OF-DAY SERVICE (Continued)**

**SPECIAL PROVISIONS**

(A) Space Heating

Customers who take service under this classification for 10 kW or more of permanently installed space heating equipment may elect to have the electricity for this service billed separately. All monthly use shall be billed at a Distribution Charge of 3.520 ¢ per kWh during the billing months of October through May and 5.691 ¢ per kWh during the summer billing months, a Transmission Charge of 0.404 ¢ per kWh and a Transmission Surcharge of 0.396 ¢ per kWh during all billing months. The applicability of Transmission Charges and the Transmission Surcharge is described in Part (3) of RATE – MONTHLY.

When this option is requested it shall apply for at least 12 months and shall be subject to a minimum charge of \$26.87 per year per kW of space heating capacity. This provision applies for both heating and cooling where the two services are combined by the manufacturer in a single self-contained unit.

All usage under this Special Provision shall also be subject to Parts (4), (5), and (6) of RATE – MONTHLY. This Special Provision is not available to those customers taking high voltage distribution service.

This special provision is closed to new customers effective August 1, 2014.

(B) Budget Billing Plan

Any condominium association or cooperative housing corporation who takes service hereunder and any other customer taking service under Special Provision B of this Service Classification may, upon request, be billed monthly in accordance with the budget billing plan provided for in General Information Section 8 of this tariff.

(Continued)

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective November 1, 2020.  
To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 - December 2020.

2020 Average Monthly PSE&G-TEC Costs Allocated to RECO	\$	879,524	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	1,999.90	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$879,524 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 6,508,719	691,834,000	\$ 0.00941	\$ 0.01003
SC2 Secondary	120.3	27.36%	\$ 2,888,015	454,521,000	\$ 0.00635	\$ 0.00677
SC2 Primary	16.9	3.85%	\$ 405,967	59,911,000	\$ 0.00678	\$ 0.00723
SC3	0.1	0.02%	\$ 2,594	272,000	\$ 0.00954	\$ 0.01017
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC5		0.00%	\$ -		\$ 0.00941	\$ 0.01003
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	<u>31.2</u>	7.10%	\$ 748,994	<u>234,430,000</u>	\$ 0.00319	\$ 0.00340
Total	439.8 (2)	100.00%	\$ 10,554,289	1,452,995,000		

(1) Attachment 6a - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for the period January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 9,805,299.89	= Line 3 x \$1999.9 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 9.01	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (JCP&L) effective November 1, 2020.  
To reflect FERC-approved JCP&L Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly JCP&L-TEC Costs Allocated to RECO	\$	26,991	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	61.37	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$26,991 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 199,738	691,834,000	\$ 0.00029	\$ 0.00031
SC2 Secondary	120.3	27.36%	\$ 88,627	454,521,000	\$ 0.00019	\$ 0.00020
SC2 Primary	16.9	3.85%	\$ 12,458	59,911,000	\$ 0.00021	\$ 0.00022
SC3	0.1	0.02%	\$ 80	272,000	\$ 0.00029	\$ 0.00031
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 22,985	234,430,000	\$ 0.00010	\$ 0.00011
Total	439.8 (2)	100.00%	\$ 323,888	1,452,995,000		

(1) Attachment 6b - Cost Allocation of JCP&amp;L Schedule 12 Charges to RECO Zone for the period January 2020 to December 2020

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 300,890.67	= Line 3 x \$61.37 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.28	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (ACE) effective November 1, 2020.  
To reflect FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly TrAILCo-TEC Costs Allocated to RECO	\$	2,441	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	5.55	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$2,441 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 18,064	691,834,000	\$ 0.00003	\$ 0.00003
SC2 Secondary	120.3	27.36%	\$ 8,015	454,521,000	\$ 0.00002	\$ 0.00002
SC2 Primary	16.9	3.85%	\$ 1,127	59,911,000	\$ 0.00002	\$ 0.00002
SC3	0.1	0.02%	\$ 7	272,000	\$ 0.00003	\$ 0.00003
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	<u>31.2</u>	7.10%	\$ 2,079	<u>234,430,000</u>	\$ 0.00001	\$ 0.00001
Total	439.8 (2)	100.00%	\$ 29,292	1,452,995,000		

(1) Attachment 6c- Cost Allocation of ACE Schedule 12 Charges to RECO Zone for January 2020 to December 2020

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 27,211.07	= Line 3 x \$5.55 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.03	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (VEPCo) effective November 1, 2020.  
 To reflect FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 - December 2020.

2020 Average Monthly VEPCo-TEC Costs Allocated to RECO	\$	20,167	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	45.86	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$20,167 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
BGS-Eligible						
Transmission						
Obligation						
Rate Class	(MW)	(Pct)	Allocated Cost	BGS Eligible Sales	Transmission	Transmission
			Recovery (1)	November 2020 -	Enhancement	Enhancement Charge
				October 2021(kWh)	Charge (\$/kWh)	w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 149,238	691,834,000	\$ 0.00022	\$ 0.00023
SC2 Secondary	120.3	27.36%	\$ 66,219	454,521,000	\$ 0.00015	\$ 0.00016
SC2 Primary	16.9	3.85%	\$ 9,308	59,911,000	\$ 0.00016	\$ 0.00017
SC3	0.1	0.02%	\$ 59	272,000	\$ 0.00022	\$ 0.00023
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 17,174	234,430,000	\$ 0.00007	\$ 0.00007
Total	439.8 (2)	100.00%	\$ 241,998	1,452,995,000		

(1) Attachment 6d - Cost Allocation of VEPCo Schedule 12 Charges to RECO Zone for the period January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 224,846.77	= Line 3 x \$45.86 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.21	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (TrAILCo) November 1, 2020.  
To reflect FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly TrAILCo-TEC Costs Allocated to RECO	\$	19,451	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	44.23	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$19,451 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 143,942	691,834,000	\$ 0.00021	\$ 0.00022
SC2 Secondary	120.3	27.36%	\$ 63,869	454,521,000	\$ 0.00014	\$ 0.00015
SC2 Primary	16.9	3.85%	\$ 8,978	59,911,000	\$ 0.00015	\$ 0.00016
SC3	0.1	0.02%	\$ 57	272,000	\$ 0.00021	\$ 0.00022
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 16,564	234,430,000	\$ 0.00007	\$ 0.00007
Total	439.8 (2)	100.00%	\$ 233,410	1,452,995,000		

(1) Attachment 6e - Cost Allocation of TrAILCo Schedule 12 Charges to RECO Zone for January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 216,855.05	= Line 3 x \$44.23 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.20	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PEPCO) effective November 1, 2020.  
To reflect FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly PEPCO-TEC Costs Allocated to RECO	\$	767	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	1.74	
SUT		6.625%	

Rate Class	Col. 1	Col. 2	Col.3=Col.2 x \$767 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 5,676	691,834,000	\$ 0.00001	\$ 0.00001
SC2 Secondary	120.3	27.36%	\$ 2,519	454,521,000	\$ 0.00001	\$ 0.00001
SC2 Primary	16.9	3.85%	\$ 354	59,911,000	\$ 0.00001	\$ 0.00001
SC3	0.1	0.02%	\$ 2	272,000	\$ 0.00001	\$ 0.00001
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 653	234,430,000	\$ -	\$ -
Total	439.8 (2)	100.00%	\$ 9,204	1,452,995,000		

(1) Attachment 6f - Cost Allocation of PEPCO Schedule 12 Charges to RECO Zone for January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 8,531.04	= Line 3 x \$1.74 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.01	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PPL) effective November 1, 2020.  
To reflect FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly PPL-TEC Costs Allocated to RECO	\$	84,894	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	193.04	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$84,894 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 628,242	691,834,000	\$ 0.00091	\$ 0.00097
SC2 Secondary	120.3	27.36%	\$ 278,760	454,521,000	\$ 0.00061	\$ 0.00065
SC2 Primary	16.9	3.85%	\$ 39,185	59,911,000	\$ 0.00065	\$ 0.00069
SC3	0.1	0.02%	\$ 250	272,000	\$ 0.00092	\$ 0.00098
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 72,295	234,430,000	\$ 0.00031	\$ 0.00033
Total	439.8 (2)	100.00%	\$ 1,018,732	1,452,995,000		

(1) Attachment 6g - Cost Allocation of PPL Schedule 12 Charges to RECO Zone for January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 946,454.87	= Line 3 x \$193.04 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.87	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (BG&E) effective November 1, 2020.  
To reflect FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly BG&E-TEC Costs Allocated to RECO	\$	863	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	1.96	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$863 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
Rate Class						
SC1/SC5	271.2	61.67%	\$ 6,386	691,834,000	\$ 0.00001	\$ 0.00001
SC2 Secondary	120.3	27.36%	\$ 2,833	454,521,000	\$ 0.00001	\$ 0.00001
SC2 Primary	16.9	3.85%	\$ 398	59,911,000	\$ 0.00001	\$ 0.00001
SC3	0.1	0.02%	\$ 3	272,000	\$ 0.00001	\$ 0.00001
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 735	234,430,000	\$ -	\$ -
Total	439.8 (2)	100.00%	\$ 10,355	1,452,995,000		

(1) Attachment 6h - Cost Allocation of BG&amp;E Schedule 12 Charges to RECO Zone for January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 9,609.67	= Line 3 x \$1.96 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.01	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (MAIT) effective November 1, 2020.  
To reflect FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 - December 2020.

2020 Average Monthly MAIT-TEC Costs Allocated to RECO	\$	8,008	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	18.21	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$8,008 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ 59,258	691,834,000	\$ 0.00009	\$ 0.00010
SC2 Secondary	120.3	27.36%	\$ 26,294	454,521,000	\$ 0.00006	\$ 0.00006
SC2 Primary	16.9	3.85%	\$ 3,696	59,911,000	\$ 0.00006	\$ 0.00006
SC3	0.1	0.02%	\$ 24	272,000	\$ 0.00009	\$ 0.00010
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 6,819	234,430,000	\$ 0.00003	\$ 0.00003
Total	439.8 (2)	100.00%	\$ 96,091	1,452,995,000		

(1) Attachment 6i - Cost Allocation of MAIT Schedule 12 Charges to RECO Zone for the period January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 89,281.72	= Line 3 x \$18.21 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.08	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PECO) effective November 1, 2020.  
To reflect FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 to December 2020

2020 Average Monthly PECO-TEC Costs Allocated to RECO	\$	7,633	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	17.36	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$7,633 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
Rate Class						
SC1/SC5	271.2	61.67%	\$ 56,488	691,834,000	\$ 0.00008	\$ 0.00009
SC2 Secondary	120.3	27.36%	\$ 25,064	454,521,000	\$ 0.00006	\$ 0.00006
SC2 Primary	16.9	3.85%	\$ 3,523	59,911,000	\$ 0.00006	\$ 0.00006
SC3	0.1	0.02%	\$ 23	272,000	\$ 0.00008	\$ 0.00009
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 6,500	234,430,000	\$ 0.00003	\$ 0.00003
Total	439.8 (2)	100.00%	\$ 91,598	1,452,995,000		

(1) Attachment 6j - Cost Allocation of PECO Schedule 12 Charges to RECO Zone for January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 85,114.26	= Line 3 x \$17.36 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.08	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (AEP East) effective November 1, 2020.  
To reflect FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 - December 2020.

2020 Average Monthly AEP-East-TEC Costs Allocated to RECO	\$	5,147	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	11.70	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$5,147 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
Rate Class						
SC1/SC5	271.2	61.67%	\$ 38,091	691,834,000	\$ 0.00006	\$ 0.00006
SC2 Secondary	120.3	27.36%	\$ 16,901	454,521,000	\$ 0.00004	\$ 0.00004
SC2 Primary	16.9	3.85%	\$ 2,376	59,911,000	\$ 0.00004	\$ 0.00004
SC3	0.1	0.02%	\$ 15	272,000	\$ 0.00006	\$ 0.00006
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	31.2	7.10%	\$ 4,383	234,430,000	\$ 0.00002	\$ 0.00002
Total	439.8 (2)	100.00%	\$ 61,766	1,452,995,000		

(1) Attachment 6k - Cost Allocation of AEP East Schedule 12 Charges to RECO Zone for the period January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 57,363.87	= Line 3 x \$11.7 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.05	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (ER18-680 and Form 715 Projects) effective November 1, 2020.  
 To reflect FERC-approved ER18-680 and Form 715 Projects Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2020 - December 2020.

2020 Average Monthly ER18-680 and Form 715-TEC Costs Allocated to RECO	\$	(68,197)	(1)
2020 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	(155.07)	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$-68,197 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales November 2020 - October 2021(kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	271.2	61.67%	\$ (504,676)	691,834,000	\$ (0.00073)	\$ (0.00078)
SC2 Secondary	120.3	27.36%	\$ (223,932)	454,521,000	\$ (0.00049)	\$ (0.00052)
SC2 Primary	16.9	3.85%	\$ (31,478)	59,911,000	\$ (0.00053)	\$ (0.00057)
SC3	0.1	0.02%	\$ (201)	272,000	\$ (0.00074)	\$ (0.00079)
SC4	0.0	0.00%	\$ -	6,431,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,596,000	\$ -	\$ -
SC7	<u>31.2</u>	7.10%	\$ (58,076)	<u>234,430,000</u>	\$ (0.00025)	\$ (0.00027)
Total	439.8 (2)	100.00%	\$ (818,363)	1,452,995,000		

(1) Attachment 6l - Cost Allocation of ER18-680 and Form 715 Projects Schedule 12 Charges to RECO Zone for the period January 2020 - December 2020.

(2) Includes RECO's Central and Western Divisions

**BGS-FP Supplier Payment Adjustment**Line No.

1	BGS-RSCP Eligible Sales Nov - Oct @ cust (RECO Eastern Division)	1,169,558	MWH
2	BGS-RSCP Eligible Sales Nov - Oct @ trans node (RECO Eastern Division)	1,088,038	MWH
3	BGS-RSCP Eligible Transmission Obligation	409	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ (760,291.94)	= Line 3 x \$-155.07 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ (0.70)	= Line 4/Line 2

**Rockland Electric Company**

Calculation of Transmission Surcharges reflecting proposed changes effective November 1, 2020

To reflect: RMR Costs

FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved PSEG Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved TrillCo Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved JCP&L Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT)  
 FERC-approved CW Edison Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved EL05-121 Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved Silver Run Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved NIPSCO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates  
 FERC-approved ER18-680 and Form 715 Projects Schedule 12 Charges (Schedule 12 PJM OATT)

**(A) Transmission Surcharge rates by Transmission Project and Service Class (excluding SUT)**

Transmission Projects	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5 <sup>20</sup>	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00003	0.00002	0.00002	0.00003	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00006	0.00004	0.00004	0.00006	0.00000	0.00006	0.00000	0.00002
BG&E - TEC	(4)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PEPCO - TEC	(7)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00091	0.00061	0.00065	0.00092	0.00000	0.00091	0.00000	0.00031
PSEG & TEC	(9)	0.00941	0.00635	0.00678	0.00954	0.00000	0.00941	0.00000	0.00319
TRAILCo - TEC	(10)	0.00021	0.00014	0.00015	0.00021	0.00000	0.00021	0.00000	0.00007
VEPCo - TEC	(11)	0.00022	0.00015	0.00016	0.00022	0.00000	0.00022	0.00000	0.00007
MAIT - TEC	(12)	0.00009	0.00006	0.00006	0.00009	0.00000	0.00009	0.00000	0.00003
JCP&L - TEC	(13)	0.00029	0.00019	0.00021	0.00029	0.00000	0.00029	0.00000	0.00010
PECO - TEC	(14)	0.00008	0.00006	0.00006	0.00008	0.00000	0.00008	0.00000	0.00003
CW Edison-TEC	(15)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EL05-121	(16)	0.00030	0.00021	0.00019	0.00023	0.00000	0.00030	0.00000	0.00012
Silver RunTEC	(17)	0.00007	0.00005	0.00005	0.00005	0.00000	0.00007	0.00000	0.00003
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ER18-680 & Form 715	(19)	(0.00073)	(0.00049)	(0.00053)	(0.00074)	0.00000	(0.00073)	0.00000	(0.00025)
Total (\$/kWh and excl SUT)		\$0.01096	\$0.00741	\$0.00786	\$0.01100	\$0.00000	\$0.01096	\$0.00000	\$0.00373
Total (¢/kWh and excl SUT)		1.096 ¢	0.741 ¢	0.786 ¢	1.100 ¢	0.000 ¢	1.096 ¢	0.000 ¢	0.373 ¢

**(B) Transmission Surcharge rates by Transmission Project and Service Class (including SUT)****6.625%**

Transmission Projects	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00003	0.00002	0.00002	0.00003	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00006	0.00004	0.00004	0.00006	0.00000	0.00006	0.00000	0.00002
BG&E - TEC	(4)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PEPCO - TEC	(7)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00097	0.00065	0.00069	0.00098	0.00000	0.00097	0.00000	0.00033
PSEG & TEC	(9)	0.01003	0.00677	0.00723	0.01017	0.00000	0.01003	0.00000	0.00340
TRAILCo - TEC	(10)	0.00022	0.00015	0.00016	0.00022	0.00000	0.00022	0.00000	0.00007
VEPCo - TEC	(11)	0.00023	0.00016	0.00017	0.00023	0.00000	0.00023	0.00000	0.00007
MAIT - TEC	(12)	0.00010	0.00006	0.00006	0.00010	0.00000	0.00010	0.00000	0.00003
JCP&L - TEC	(13)	0.00031	0.00020	0.00022	0.00031	0.00000	0.00031	0.00000	0.00011
PECO - TEC	(14)	0.00009	0.00006	0.00006	0.00009	0.00000	0.00009	0.00000	0.00003
CW Edison-TEC	(15)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EL05-121	(16)	0.00032	0.00022	0.00020	0.00025	0.00000	0.00032	0.00000	0.00013
Silver Run TEC	(17)	0.00007	0.00005	0.00005	0.00005	0.00000	0.00007	0.00000	0.00003
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ER18-680 & Form 715	(19)	(0.00078)	(0.00052)	(0.00057)	(0.00079)	0.00000	(0.00078)	0.00000	(0.00027)
Total (\$/kWh and incl SUT)		\$0.01167	\$0.00788	\$0.00835	\$0.01172	\$0.00000	\$0.01167	\$0.00000	\$0.00396
Total (¢/kWh and incl SUT)		1.167 ¢	0.788 ¢	0.835 ¢	1.172 ¢	0.000 ¢	1.167 ¢	0.000 ¢	0.396 ¢

**Notes:**

- (1) RMR rates based on allocation by transmission zone.
- (2) ACE-TEC rates calculated in attachment 5d of the joint filing.
- (3) AEP-East-TEC rates calculated in attachment 5l of the joint filing.
- (4) BG&E-TEC rates calculated in attachment 5i of the joint filing.
- (5) Delmarva-TEC rates pursuant to the Board's Order dated August 12, 2020 in Docket No. ER20060446.
- (6) PATH-TEC rates pursuant to the Board's Order dated January 22, 2020 in Docket No. ER19121509.
- (7) PEPCO-TEC rates calculated in attachment 5g of the joint filing.
- (8) PPL-TEC rates calculated in attachment 5h of the joint filing.
- (9) PSEG-TEC rates calculated in attachment 5b of the joint filing.
- (10) TRAILCo-TEC rates calculated in attachment 5f of the joint filing.
- (11) VEPCo-TEC rates calculated in attachment 5e of the joint filing.
- (12) MAIT-TEC rates calculated in attachment 5j of the joint filing.
- (13) JCP&L-TEC rates calculated in attachment 5c of the joint filing.
- (14) PECO-TEC rates calculated in attachment 5k of the joint filing.
- (15) CW Edison-TEC rates pursuant to the Board's Order dated August 12, 2020 in Docket No. ER20060446.
- (16) EL05-121 rates pursuant to the Board's Order dated January 22, 2020 in Docket No. ER19121509.
- (17) Silver Run-TEC rates pursuant to the Board's Order dated August 12, 2020 in Docket No. ER20030263.
- (18) NIPSCO-TEC rates pursuant to the Board's Order dated August 12, 2020 in Docket No. ER20030263.
- (19) ER18-680 & Form 715 rates calculated in attachment 5m of the joint filing.
- (20) SC5 Rates are set identical to SC1 rates, pursuant to Board's Order dated January 22, 2020 in Docket Number ER19050552

- Attachment 6a (PSE&G Transmission Enhancement Charges)
- Attachment 6b (JCP&L Transmission Enhancement Charges)
- Attachment 6c (ACE Transmission Enhancement Charges)
- Attachment 6d (VEPCo Transmission Enhancement Charges)
- Attachment 6e (TrailCo Transmission Enhancement Charges)
- Attachment 6f (PEPCO Transmission Enhancement Charges)
- Attachment 6g (PPL Transmission Enhancement Charges)
- Attachment 6h (BG&E Transmission Enhancement Charges)
- Attachment 6i (MAIT Transmission Enhancement Charges)
- Attachment 6j( PECO Transmission Enhancement Charges)
- Attachment 6k (AEP East Transmission Enhancement Charges)
- Attachment 6l (ER18-680 and Form 715 Charges/Credits)

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			per PJM Open Access Transmission Tariff								
Replace all derated Branchburg 500/230 kV transformers	b0130	\$ 1,870,610.00	1.36%	47.76%	50.88%	0.00%	\$25,440	\$893,403	\$951,766	\$0	\$1,870,610
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 761,829.00	0.00%	51.11%	45.96%	2.93%	\$0	\$389,371	\$350,137	\$22,322	\$761,829
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 8,162,045.00	0.00%	73.45%	21.78%	4.77%	\$0	\$5,995,022	\$1,777,693	\$389,330	\$8,162,045
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 2,068,529.00	47.01%	7.04%	22.31%	0.00%	\$972,415	\$145,624	\$461,489	\$0	\$1,579,529
Install 230-138kV transformer at Metuchen substation	b0161	\$ 2,538,904.00	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$2,533,826	\$5,078	\$2,538,904
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 1,552,237.00	1.72%	25.94%	59.59%	0.00%	\$26,698	\$402,650	\$924,978	\$0	\$1,354,327
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 678,205.00	0.00%	42.95%	38.36%	0.79%	\$0	\$291,289	\$260,159	\$5,358	\$556,806
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 1,329.50	1.72%	3.82%	6.15%	0.25%	\$23	\$51	\$82	\$3	\$159
Replace wave trap at Branchburg 500kV substation	b0172.2_dfax	\$ 1,329.50	4.49%	29.72%	48.90%	2.01%	\$60	\$395	\$650	\$27	\$1,132
Branchburg 400 MVAR Capacitor	b0290	\$ 4,066,304.00	1.72%	3.82%	6.15%	0.25%	\$69,940	\$155,333	\$250,078	\$10,166	\$485,517
Branchburg 400 MVAR Capacitor	b0290_dfax	\$ 4,066,304.00	4.49%	29.72%	48.90%	2.01%	\$182,577	\$1,208,506	\$1,988,423	\$81,733	\$3,461,238
Inst Conemaugh 250 MVAR Cap	b0376	\$ 62,085.50	1.72%	3.82%	6.15%	0.25%	\$1,068	\$2,372	\$3,818	\$155	\$7,413
Inst Conemaugh 250 MVAR Cap	b0376_dfax	\$ 62,085.50	0.00%	18.75%	24.11%	0.99%	\$0	\$11,641	\$14,969	\$615	\$27,224
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 1,524,743.00	0.00%	0.00%	94.41%	3.53%	\$0	\$0	\$1,439,510	\$53,823	\$1,493,333
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 42,404,941.50	1.72%	3.82%	6.15%	0.25%	\$729,365	\$1,619,869	\$2,607,904	\$106,012	\$5,063,150
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489_dfax	\$ 42,404,941.50	0.00%	39.21%	54.50%	2.24%	\$0	\$16,626,978	\$23,110,693	\$949,871	\$40,687,541
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In Service)	b0489.4	\$ 4,690,410.00	5.09%	32.73%	40.71%	1.52%	\$238,742	\$1,535,171	\$1,909,466	\$71,294	\$3,754,673
Susquehanna Roseland Breakers (In-Service)	b0489.5	\$ 318,812.50	1.72%	3.82%	6.15%	0.25%	\$5,484	\$12,179	\$19,607	\$797	\$38,066
Susquehanna Roseland Breakers (In-Service)	b0489.5_dfax	\$ 318,812.50	0.00%	39.21%	54.50%	2.24%	\$0	\$125,006	\$173,753	\$7,141	\$305,901
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 1,315,947.00	1.72%	3.82%	6.15%	0.25%	\$22,634	\$50,269	\$80,931	\$3,290	\$157,124

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			per PJM Open Access Transmission Tariff								
Loop the 5021 circuit into New Freedom 500 kV substation	b0498_dfax	\$ 1,315,947.00	8.37%	25.68%	41.36%	1.70%	\$110,145	\$337,935	\$544,276	\$22,371	\$1,014,727
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 1,971,224.00	0.00%	36.35%	43.24%	1.61%	\$0	\$716,540	\$852,357	\$31,737	\$1,600,634
Somerville -Bridgewater Reconductor	b0668	\$ 680,066.00	0.00%	39.41%	38.76%	1.45%	\$0	\$268,014	\$263,594	\$9,861	\$541,469
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 937,362.00	0.00%	9.92%	83.73%	3.12%	\$0	\$92,986	\$784,853	\$29,246	\$907,085
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 4,929,169.00	0.00%	23.49%	67.03%	2.50%	\$0	\$1,157,862	\$3,304,022	\$123,229	\$4,585,113
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 2,134,354.00	0.00%	29.01%	64.85%	2.53%	\$0	\$619,176	\$1,384,129	\$53,999	\$2,057,304
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,217,622.00	0.00%	29.18%	64.68%	2.53%	\$0	\$647,102	\$1,434,358	\$56,106	\$2,137,566
West Orange Conversion (North Central Reliability)	b1154	\$ 40,080,672.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$38,549,590	\$1,531,082	\$40,080,672
Branchburg-Middlesex Sw Rack	b1155	\$ 7,580,817.00	0.00%	4.61%	91.75%	3.64%	\$0	\$349,476	\$6,955,400	\$275,942	\$7,580,817
Conversion	b1156	\$ 39,002,141.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$37,512,259	\$1,489,882	\$39,002,141
Reconf Kearny Loop in P2216	b1589	\$ 2,956,038.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,820,624	\$72,719	\$1,893,342
230kV Lawrence Switching Station Upgrade	b1228	\$ 2,357,604.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,259,292	\$89,825	\$2,349,117
Ridge Rd 69kV Breaker Station	b1255	\$ 6,000,252.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$5,771,042	\$229,210	\$6,000,252
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 71,567,505.00	0.23%	1.17%	70.16%	2.78%	\$164,605	\$837,340	\$50,211,762	\$1,989,577	\$53,203,283
Mickleton-Gloucester-Camden	b1398	\$ 49,472,297.00	0.00%	12.82%	31.46%	1.25%	\$0	\$6,342,348	\$15,563,985	\$618,404	\$22,524,737
Aldene-Springfield Rd. Conv	b1399	\$ 8,056,841.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$7,749,070	\$307,771	\$8,056,841
Replace Salem 500 kV breakers	b1410-b1415	\$ 859,015.50	1.72%	3.82%	6.15%	0.25%	\$14,775	\$32,814	\$52,829	\$2,148	\$102,566
Replace Salem 500 kV breakers	b1410-b1415_dfax	\$ 859,015.50	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$825,170	\$33,845	\$859,016
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,361,002.00	0.00%	10.31%	54.17%	2.16%	\$0	\$140,319	\$737,255	\$29,398	\$906,972
Upgrade Camden Richmon 230kV	b1590	\$ 1,260,186.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
New Cox's Corner-Lumberton 230kV Circuit	b1787	\$ 3,646,046.00	4.96%	44.20%	48.08%	1.92%	\$180,844	\$1,611,552	\$1,753,019	\$70,004	\$3,615,419
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	\$ 2,240,329.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,369,065	\$54,664	\$1,423,729
Reconfigure Brunswick New 69kV	b2146	\$ 19,389,918.00	0.00%	0.00%	96.16%	3.84%	\$0	\$0	\$18,645,345	\$744,573	\$19,389,918
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10_dfax	\$ 10,668,262.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$10,668,262	\$0	\$10,668,262
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10	\$ 10,668,262.00	1.72%	3.82%	6.15%	0.25%	\$183,494	\$407,528	\$656,098	\$26,671	\$1,273,790
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21_dfax	\$ 3,805,090.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$3,805,090	\$0	\$3,805,090
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 3,805,090.00	1.72%	3.82%	6.15%	0.25%	\$65,448	\$145,354	\$234,013	\$9,513	\$454,328
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22_dfax	\$ 2,656,169.50	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$2,551,516	\$104,653	\$2,656,170
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 2,656,169.50	1.72%	3.82%	6.15%	0.25%	\$45,686	\$101,466	\$163,354	\$6,640	\$317,147

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			per PJM Open Access Transmission Tariff								
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4	\$ 59,982.00	1.72%	3.82%	6.15%	0.25%	\$1,032	\$2,291	\$3,689	\$150	\$7,162
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4_dfax	\$ 59,982.00	8.01%	13.85%	20.79%	0.62%	\$4,805	\$8,308	\$12,470	\$372	\$25,954
New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	b2633.5	\$ 491,171.00	8.01%	13.85%	20.79%	0.62%	\$39,343	\$68,027	\$102,114	\$3,045	\$212,530
Rebuild Aldene-Warinanco-Linden VFT 230kV Circuit	b2955	\$ 3,820,197.00	0.00%	92.14%	0.00%	0.00%	\$0	\$3,519,930	\$0	\$0	\$3,519,930
Reconductor L-2238 Cedar Grove - Jackson Rd 230kV	b2956	\$ 501,301.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$501,301	\$0	\$501,301
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81_dfax	\$ 3,403,094.50	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$3,269,013	\$134,082	\$3,403,095
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81	\$ 3,403,094.50	1.72%	3.82%	6.15%	0.25%	\$58,533	\$129,998	\$209,290	\$8,508	\$406,329
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83_dfax	\$ 3,403,256.00	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$3,269,168	\$134,088	\$3,403,256
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83	\$ 3,403,256.00	1.72%	3.82%	6.15%	0.25%	\$58,536	\$130,004	\$209,300	\$8,508	\$406,349
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84_dfax	\$ 3,198,721.00	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$3,072,691	\$126,030	\$3,198,721
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$ 3,198,721.00	1.72%	3.82%	6.15%	0.25%	\$55,018	\$122,191	\$196,721	\$7,997	\$381,927
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85_dfax	\$ 3,198,721.00	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$3,072,691	\$126,030	\$3,198,721
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	\$ 3,198,721.00	1.72%	3.82%	6.15%	0.25%	\$55,018	\$122,191	\$196,721	\$7,997	\$381,927
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90_dfax	\$ 1,607,425.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,607,425	\$0	\$1,607,425
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 1,607,425.00	1.72%	3.82%	6.15%	0.25%	\$27,648	\$61,404	\$98,857	\$4,019	\$191,927
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	\$ 3,303,514.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$3,303,514	\$0	\$3,303,514
New Bayway 345/138 kV transformer #1 and any associated substation upgrades	b2437.20	\$ 1,051,024.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,051,024	\$0	\$1,051,024
New Bayway 345/138 kV transformer #2 and any associated substation upgrades	b2437.21	\$ 1,050,975.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,050,975	\$0	\$1,050,975
New Linden 345/230 kV transformer and any associated substation upgrades	b2437.30	\$ 4,175,124.00	0.00%	0.00%	96.06%	3.94%	\$0	\$0	\$4,010,624	\$164,500	\$4,175,124
Install two 175 MVAR Re at Hptcg	b2702_dfax	\$ 1,554,283.50	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,554,284	\$0	\$1,554,284

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Install two 175 MVAR Re at Hptcg	b2702	\$ 1,554,283.50	1.72%	3.82%	6.15%	0.25%	\$26,734	\$59,374	\$95,588	\$3,886	\$185,581
Convert R-1318 and Q1815 Circuits to 230kV	b2835.3	\$ 953,080.00	0.00%	0.00%	57.49%	2.36%	\$0	\$0	\$547,926	\$22,493	\$570,418
Convert F-1358/Z-1326 and K-1363/Y-1325 to Circuits to 230kV	b2837.4	\$ 641,952.00	0.00%	0.00%	88.71%	3.64%	\$0	\$0	\$569,476	\$23,367	\$592,843
Convert F-1358/Z-1326 and K-1363/Y-1325 to Circuits to 230kV	b2837.5	\$ 484,283.00	0.00%	0.00%	90.12%	3.70%	\$0	\$0	\$436,436	\$17,918	\$454,354
Convert F-1358/Z-1326 and K-1363/Y-1325 to Circuits to 230kV	b2837.9	\$ 189,882.00	0.00%	0.00%	87.28%	3.58%	\$0	\$0	\$165,729	\$6,798	\$172,527
Convert F-1358/Z-1326 and K-1363/Y-1325 to Circuits to 230kV	b2837.10	\$ 450,867.00	0.00%	0.00%	88.85%	3.65%	\$0	\$0	\$400,595	\$16,457	\$417,052
Convert F-1358/Z-1326 and K-1363/Y-1325 to Circuits to 230kV	b2837.11	\$ 484,283.00	0.00%	0.00%	90.40%	3.71%	\$0	\$0	\$437,792	\$17,967	\$455,759
Replace Transformers 203/138kV transformers at Roseland	b0274	\$ 2,016,205.00	0.00%	0.00%	96.77%	0.00%	\$0	\$0	\$1,951,082	\$0	\$1,951,082
<b>Totals</b>		<b>\$ 476,469,695.00</b>					<b>\$3,366,109</b>	<b>\$47,496,659</b>	<b>\$286,678,057</b>	<b>\$10,554,290</b>	<b>\$348,095,116</b>

Notes on calculations >>>

$$(k) = (a) * (b) \quad (l) = (a) * (c) \quad (m) = (a) * (d) \quad (n) = (a) * (e) \quad (o) = (f) + (g) +$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2020	2020 Trans. Peak Load <sup>2</sup>	Rate in \$/MW-mo. <sup>1</sup>	2020 Impact (12 months)
PSE&G	\$ 23,889,838.07	9,752.5	\$ 2,449.61	\$ 286,678,057
JCP&L	\$ 3,958,054.95	6,057.1	\$ 653.46	\$ 47,496,659
ACE	\$ 280,509.11	2,737.3	\$ 102.48	\$ 3,366,109
RE	\$ 879,524.21	393.1	\$ 2,237.41	\$ 10,554,290
<b>Total Impact on NJ Zones</b>	<b>\$ 29,007,926.34</b>	<b>18,940.0</b>		<b>\$ 348,095,116</b>

Notes on calculations >>>

$$(k) = (l) / (m) \quad (k) * 12$$

Notes:

1) Uncompressed rate - assumes implementation on January 1, 2020

2) Data on PJM website

**Attachment 6b - PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020**  
**Calculation of Costs and Monthly PJM charges for JCP&L Projects**

Attachment 6b

Required Transmission Enhancement	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2020 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Upgrade the Portland - Greystone 230kV circuit	b0174	\$1,300,508	0.00%	35.40%	54.37%	2.94%	\$0	\$460,380	\$707,086	\$38,235	\$1,205,701
Reconductor the 8 mile Gilbert - Glen Gardner 230kV circuit	b0268	\$642,197	0.00%	61.77%	32.73%	1.45%	\$0	\$396,685	\$210,191	\$9,312	\$616,188
Add a 2nd Raritan River 230/115 kV transformer	b0726	\$819,833	2.45%	97.55%	0.00%	0.00%	\$20,086	\$799,747	\$0	\$0	\$819,833
Build a new 230kV circuit from Larrabee to Oceanview	b2015	\$19,324,505	0.00%	35.83%	35.87%	1.43%	\$0	\$6,923,970	\$6,931,700	\$276,340	\$14,132,011
<b>Totals</b>		<b>\$22,087,043</b>					<b>\$20,086</b>	<b>\$8,580,782</b>	<b>\$7,848,977</b>	<b>\$323,887</b>	<b>\$16,773,732</b>

(k) (l) (m) (n) (o)

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2020	2020 Trans. Peak Load <sup>2</sup>	Rate in \$/MW-mo. <sup>1</sup>	2020 Impact (12 months)
PSE&G	\$654,081	9,752.5	\$67.07	\$7,848,977
JCP&L	\$715,065	6,057.1	\$118.05	\$8,580,782
ACE	\$1,674	2,737.3	\$0.61	\$20,086
RE	\$26,991	393.1	\$68.66	\$323,887
<b>Total Impact on NJ Zones</b>	<b>\$1,397,811</b>	<b>18,940.0</b>		<b>\$16,773,732</b>

$$= (k) / (l) \quad = (k) * 12$$

**Notes:**

1) Uncompressed rate - assumes implementation on January 1, 2020

2) Data on PJM website

Attachment 6c PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for ACE Projects

Attachment 6c

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020 - May 2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff					Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges	
Upgrade AE portion of Delco Tap	b0265	\$ 443,088.00	89.87%	9.48%	0.00%	0.00%	\$398,203	\$42,005	\$0	\$0	\$440,208	
Replace Monroe 230/69 kV TXfmr	b0276	\$ 677,713.00	91.28%	0.00%	8.29%	0.23%	\$618,616	\$0	\$56,182	\$1,559	\$676,358	
Reconductor Union - Corson 138 kV	b0211	\$ 1,155,287.00	65.23%	25.87%	6.35%	0.00%	\$753,594	\$298,873	\$73,361	\$0	\$1,125,827	
New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion)	b0210.A	\$ 1,156,794.37	1.72%	3.82%	6.15%	0.25%	\$19,897	\$44,190	\$71,143	\$2,892	\$138,121	
New 500/230 Kv Sub on Salem-East Windsor (>500 kV portion)	b0210.A_dfax	\$ 1,156,794.37	100.00%	0.00%	0.00%	0.00%	\$1,156,794	\$0	\$0	\$0	\$1,156,794	
New 500/230 Kv Sub on Salem-East Windsor (< 500kV portion) <sup>2</sup>	b0210.B	\$ 1,649,674.00	65.23%	25.87%	6.35%	0.00%	\$1,076,082	\$426,771	\$104,754	\$0	\$1,607,607	
Reconductor the existing Mickleton - Gloucester 230 kV circuit (AE portion)	b1398.5	\$ 413,399.00	0.00%	12.82%	31.46%	1.25%	\$0	\$52,998	\$130,055	\$5,167	\$188,221	
Build second 230kV parallel from Mickleton to Gloucester	b1398.3.1	\$ 1,291,971.00	0.00%	12.82%	31.46%	1.25%	\$0	\$165,631	\$406,454	\$16,150	\$588,234	
Upgrade the Mill T2 138/69 kV Transformer	b1600	\$ 1,532,281.00	88.83%	4.74%	5.78%	0.23%	\$1,361,125	\$72,630	\$88,566	\$3,524	\$1,525,845	
Orchard-Cumberland Install 2nd 230 KV line	b0210.1	\$ 1,324,917.00	65.23%	25.87%	6.35%	0.00%	\$864,243	\$342,756	\$84,132	\$0	\$1,291,132	
Corson Upgrade 138kV Line trap	b0212	\$ 5,808.00	65.23%	25.87%	6.35%	0.00%	\$3,789	\$1,503	\$369	\$0	\$5,660	
							\$6,252,344	\$1,447,355	\$1,015,017	\$29,292	\$8,744,008	

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (7 months)	2021 Impact (5 months)
PSE&G	\$ 84,584.71	9,752.5	\$ 8.67	\$ 592,093	\$ 422,924
JCP&L	\$ 120,612.90	6,057.1	\$ 19.91	\$ 844,290	\$ 603,065
ACE	\$ 521,028.67	2,737.3	\$ 190.34	\$ 3,647,201	\$ 2,605,143
RE	\$ 2,441.01	393.1	\$ 6.21	\$ 17,087	\$ 12,205
Total Impact on NJ Zones	\$ 728,667.29			\$ 5,100,671	\$ 3,643,336
					\$ 8,744,008

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

Notes:

1) 2020 allocation share percentages are from PJM OATT

**Attachment 6d - PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020**  
**Calculation of costs and monthly PJM charges for VEPCO Projects**

**Attachment 6d**

Required Transmission Enhancement per PJM website	(a) PJM Upgrade ID per PJM spreadsheet	(b) Jan - Dec 2020 Annual Revenue Requirement per PJM website	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Upgrade Mt Storm - Doubs 500kV	b0217	\$93,533.69	1.72%	3.82%	6.15%	0.25%	\$1,609	\$3,573	\$5,752	\$234	\$11,168
Upgrade Mt Storm - Doubs 500kV	b0217_dfax	\$93,533.69	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Loudoun 150 MVA capacitor @ 500 kV	b0222	\$76,268.24	1.72%	3.82%	6.15%	0.25%	\$1,312	\$2,913	\$4,690	\$191	\$9,106
Loudoun 150 MVA capacitor @ 500 kV	b0222_dfax	\$76,268.24	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
500 kV breakers and bus work at Suffolk	b0231	\$1,135,647.08	1.72%	3.82%	6.15%	0.25%	\$19,533	\$43,382	\$69,842	\$2,839	\$135,596
500 kV breakers and bus work at Suffolk	b0231_dfax	\$1,135,647.08	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Meadowbrook-Loudon 500kV circuit	b0328.1	\$11,472,499.60	1.72%	3.82%	6.15%	0.25%	\$197,327	\$438,249	\$705,559	\$28,681	\$1,369,816
Meadowbrook-Loudon 500kV circuit	b0328.1_dfax	\$11,472,499.60	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Upgrade Mt. Storm 500 KV Substation	b0328.3	\$708,832.49	1.72%	3.82%	6.15%	0.25%	\$12,192	\$27,077	\$43,593	\$1,772	\$84,635
Upgrade Mt. Storm 500 KV Substation	b0328.3_dfax	\$708,832.49	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Upgrade Loudoun 500 KV Substation	b0328.4	\$158,100.97	1.72%	3.82%	6.15%	0.25%	\$2,719	\$6,039	\$9,723	\$395	\$18,877
Upgrade Loudoun 500 KV Substation	b0328.4_dfax	\$158,100.97	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Carson – Suffolk 500 kV, Suffolk 500/230 kV transformer & build Suffolk – Trascher 230 kV circuit	B0329.2B	\$8,325,873.06	1.72%	3.82%	6.15%	0.25%	\$143,205	\$318,048	\$512,041	\$20,815	\$994,109
Carson – Suffolk 500 kV, Suffolk 500/230 kV transformer & build Suffolk – Trascher 230 kV circuit	B0329.2B_dfax	\$8,325,873.06	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
500/230 KV transformer at Bristers, new 230 Bristers - Gainsville circuit	b0227	\$1,962,158.37	0.71%	0.00%	0.00%	0.00%	\$13,931	\$0	\$0	\$0	\$13,931
Rebuild Mt Storm-Doubs 500 KV circuit	b1507	\$16,763,202.31	1.72%	3.82%	6.15%	0.25%	\$288,327	\$640,354	\$1,030,937	\$41,908	\$2,001,526
Rebuild Mt Storm-Doubs 500 KV circuit	b1507_dfax	\$16,763,202.31	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Replace wave traps on Dooms-Lexington 500KV circuit	b0457	\$5,291.19	1.72%	3.82%	6.15%	0.25%	\$91	\$202	\$325	\$13	\$632
Replace wave traps on Dooms-Lexington 500KV circuit	b0457_dfax	\$5,291.19	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Morrisville H1T573	b1647	\$807.36	1.72%	3.82%	6.15%	0.25%	\$14	\$31	\$50	\$2	\$96
Morrisville H1T573	b1647_dfax	\$807.36	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Morrisville H2T545	b1648	\$807.36	1.72%	3.82%	6.15%	0.25%	\$14	\$31	\$50	\$2	\$96
Morrisville H2T545	b1648_dfax	\$807.36	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Morrisville H1T580	b1649	\$42,598.43	1.72%	3.82%	6.15%	0.25%	\$733	\$1,627	\$2,620	\$106	\$5,086
Morrisville H1T580	b1649_dfax	\$42,598.43	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Morrisville H2T569	b1650	\$42,598.43	1.72%	3.82%	6.15%	0.25%	\$733	\$1,627	\$2,620	\$106	\$5,086
Morrisville H2T569	b1650_dfax	\$42,598.43	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Replace wave traps on North Anna-Ladysmith 500KV circuit	b0784	\$3,671.42	1.72%	3.82%	6.15%	0.25%	\$63	\$140	\$226	\$9	\$438
Replace wave traps on North Anna-Ladysmith 500KV circuit	b0784_dfax	\$3,671.42	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0

**Attachment 6d - PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020**  
**Calculation of costs and monthly PJM charges for VEPCO Projects**

**Attachment 6d**

Required Transmission Enhancement per PJM website	(a) PJM Upgrade ID per PJM spreadsheet	(b) Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				(f) ACE Zone Charges	(g) JCP&L Zone Charges	(h) PSE&G Zone Charges	(i) RE Zone Charges	(j) Total NJ Zones Charges
Reconductor the Dickerson-Pleasant View 230 KV circuit	b0467.2	\$527,826.16	1.75%	0.71%	0.00%	0.00%	\$9,237	\$3,748	\$0	\$0	\$12,985
Install 500/230 KV transformer and two 230 KV breakers at Brambleton	b1188.6	\$1,712,199.73	0.22%	0.00%	0.00%	0.00%	\$3,767	\$0	\$0	\$0	\$3,767
New Brambleton 500 kV line, 3 ring bus, to Loudon to Pleasant View 500 kV	b1188	\$80,129.54	1.72%	3.82%	6.15%	0.25%	\$1,378	\$3,061	\$4,928	\$200	\$9,567
New Brambleton 500 kV line, 3 ring bus, to Loudon to Pleasant View 500 kV	b1188_dfax	\$80,129.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
500 KV breaker at Brambleton	b1698.1	\$0.00	1.72%	3.82%	6.15%	0.25%	\$0	\$0	\$0	\$0	\$0
500 KV breaker at Brambleton	b1698.1_dfax	\$0.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Install 2 500kV breakers at Chancellor 500 KV	b0756.1	\$209,449.54	1.72%	3.82%	6.15%	0.25%	\$3,603	\$8,001	\$12,881	\$524	\$25,008
Install 2 500kV breakers at Chancellor 500 KV	b0756.1_dfax	\$209,449.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Wreck and Rebuild 7 miles of Cloverdale - Lexington 500 kV Line	b1797	\$929,329.01	1.72%	3.82%	6.15%	0.25%	\$15,984	\$35,500	\$57,154	\$2,323	\$110,962
Wreck and Rebuild 7 miles of Cloverdale - Lexington 500 kV Line	b1797_dfax	\$929,329.01	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Build 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 KV	b1798	\$5,708,973.61	1.72%	3.82%	6.15%	0.25%	\$98,194	\$218,083	\$351,102	\$14,272	\$681,651
Build 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 KV	b1798_dfax	\$5,708,973.61	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Build 150 MVAR Switched Shunt at Pleasant View 500 KV Line	b1799	\$1,343,490.54	1.72%	3.82%	6.15%	0.25%	\$23,108	\$51,321	\$82,625	\$3,359	\$160,413
Build 150 MVAR Switched Shunt at Pleasant View 500 KV Line	b1799_dfax	\$1,343,490.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Install 250 MVAR SVC at Mt. Storm 500 kV Substation	b1805	\$1,896,144.85	1.72%	3.82%	6.15%	0.25%	\$32,614	\$72,433	\$116,613	\$4,740	\$226,400
Install 250 MVAR SVC at Mt. Storm 500 kV Substation	b1805_dfax	\$1,896,144.85	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
At Yadkin 500 kV, install six 500 kV Breakers	b1906.1	\$525,051.64	1.72%	3.82%	6.15%	0.25%	\$9,031	\$20,057	\$32,291	\$1,313	\$62,691
At Yadkin 500 kV, install six 500 kV Breakers	b1906.1_dfax	\$525,051.64	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rebuild Lexington-Dooms 500 KV Line	b1908	\$6,723,598.67	1.72%	3.82%	6.15%	0.25%	\$115,646	\$256,841	\$413,501	\$16,809	\$802,798
Rebuild Lexington-Dooms 500 KV Line	b1908_dfax	\$6,723,598.67	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Surry 500 kV Station Work	b1905.2	\$93,464.75	1.72%	3.82%	6.15%	0.25%	\$1,608	\$3,570	\$5,748	\$234	\$11,160
Surry 500 kV Station Work	b1905.2_dfax	\$93,464.75	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Mt Storm - Replace MOD with breaker on 500kV side of Transformer	b0837	\$36,199.44	1.72%	3.82%	6.15%	0.25%	\$623	\$1,383	\$2,226	\$90	\$4,322
Mt Storm - Replace MOD with breaker on 500kV side of Transformer	b0837_dfax	\$36,199.44	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0

Attachment 6d - PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for VEPCO Projects

Attachment 6d

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				Estimated New Jersey EDC Zone Charges by Project				Total NJ Zones Charges
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
Upgrade Section between Possum and Dumfries Substation	b1328	\$408,446.97	0.66%	0.00%	0.00%	0.00%	\$2,696	\$0	\$0	\$0	\$2,696
Rebuild Loudoun - Brambleto 500kV	b1694	\$2,496,438.72	1.72%	3.82%	6.15%	0.25%	\$42,939	\$95,364	\$153,531	\$6,241	\$298,075
Rebuild Loudoun - Brambleto 500kV	b1694_dfax	\$2,496,438.72	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
R/P Midlothian 500kV 3 breaker Ring Bus	b2471	\$414,709.10	1.72%	3.82%	6.15%	0.25%	\$7,133	\$15,842	\$25,505	\$1,037	\$49,516
R/P Midlothian 500kV 3 breaker Ring Bus	b2471_dfax	\$414,709.10	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Surry to Skiffes Creek 500kV Line	b1905.1	\$14,564,332.17	1.72%	3.82%	6.15%	0.25%	\$250,507	\$556,357	\$895,706	\$36,411	\$1,738,981
Surry to Skiffes Creek 500kV Line	b1905.1_dfax	\$14,564,332.17	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Install Breaker and half scheme with minimum of eight 230kV Breakers	b1696	\$2,881,073.35	0.46%	0.64%	0.00%	0.00%	\$13,253	\$18,439	\$0	\$0	\$31,692
Build a second Loudon - Brambleton 500kV line	b2373	\$2,358,682.48	1.72%	3.82%	6.15%	0.25%	\$40,569	\$90,102	\$145,059	\$5,897	\$281,627
Build a second Loudon - Brambleton 500kV line	b2373_dfax	\$2,358,682.48	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rebuild Carson Rogers 500kV Ckt	b2744	\$4,649,812.66	1.72%	3.82%	6.15%	0.25%	\$79,977	\$177,623	\$285,963	\$11,625	\$555,188
Rebuild Carson Rogers 500kV Ckt	b2744_dfax	\$4,649,812.66	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Optimal Capacitors Configuration	b2729	\$1,199,710.25	1.96%	3.31%	7.29%	0.00%	\$23,514	\$39,710	\$87,459	\$0	\$150,684
Rebuild Elmont-Cunningham 500 kV Ln	b2582	\$5,713,363.00	1.72%	3.82%	6.15%	0.25%	\$98,270	\$218,250	\$351,372	\$14,283	\$682,176
Rebuild Elmont-Cunningham 500 kV Ln	b2582_dfax	\$5,713,363.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rebuild Cunningham-Dooms 500 kV Ln	b2665	\$4,290,020.17	1.72%	3.82%	6.15%	0.25%	\$73,788	\$163,879	\$263,836	\$10,725	\$512,228
Rebuild Cunningham-Dooms 500 kV Ln	b2665_dfax	\$4,290,020.17	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rebuild Line#549 Dooms-Valley 500kV	b2758	\$2,602,909.59	1.72%	3.82%	6.15%	0.25%	\$44,770	\$99,431	\$160,079	\$6,507	\$310,787
Rebuild Line#549 Dooms-Valley 500kV	b2758_dfax	\$2,602,909.59	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rebuild 4 Structures Line#549	b2928	\$1,999,784.83	1.72%	3.82%	6.15%	0.25%	\$34,396	\$76,392	\$122,987	\$4,999	\$238,774
Rebuild 4 Structures Line#549	b2928_dfax	\$1,999,784.83	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Replace Capacitors on Line#547	b2960.1	\$686,439.50	1.72%	3.82%	6.15%	0.25%	\$11,807	\$26,222	\$42,216	\$1,716	\$81,961
Replace Capacitors on Line#547	b2960.1_dfax	\$686,439.50	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Replace Capacitors on Line#548	b2960.2	\$647,404.00	1.72%	3.82%	6.15%	0.25%	\$11,135	\$24,731	\$39,815	\$1,619	\$77,300
Replace Capacitors on Line#548	b2960.2_dfax	\$647,404.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
<b>Totals</b>		<b>\$202,290,333.71</b>					<b>\$1,731,349</b>	<b>\$3,759,636</b>	<b>\$6,040,626</b>	<b>\$241,999</b>	<b>\$11,773,609</b>

Notes on calculations >>>

$$\begin{aligned}
 &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + (h) + (i)
 \end{aligned}$$

(k) (l) (m) (n)

Attachment 6d - PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for VEPCO Projects

Attachment 6d

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2020		2020 Trans. Peak Load <sup>2</sup>	Rate in \$/MW-mo. <sup>1</sup>	2020 Impact (12 months)						
PSEG	\$ 503,385.47		9,752.5	\$ 51.62	\$ 6,040,626						
JCP&L	\$ 313,303.02		6,057.1	\$ 51.72	\$ 3,759,636						
ACE	\$ 144,279.07		2,737.3	\$ 52.71	\$ 1,731,349						
RE	\$ 20,166.55		393.1	\$ 51.30	\$ 241,999						
<b>Total Impact on NJ Zones</b>	<b>\$ 981,134.11</b>		<b>18,940.0</b>		<b>\$11,773,609</b>						

Notes on calculations >>>

= (k) / (l)      = (k) \*12

Attachment 6 PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

Attachment 6e

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020-May 2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				Total NJ Zones Charges
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
			per PJM Open Access Transmission Tariff								
502 Junction-Mt Storm-Meadowbrook (>=500kV) - CWIP <sup>1</sup>	b0328.1; b0328.2; b0347.1; b0347.2; b0347.3; b0347.4	\$ 64,291,222.94	1.72%	3.82%	6.15%	0.25%	\$1,105,809	\$2,455,925	\$3,953,910	\$160,728	\$7,676,372
Wylie Ridge <sup>2</sup>	b0218	\$ 2,566,265.53	11.83%	15.56%	0.00%	0.00%	\$303,589	\$399,311	\$0	\$0	\$702,900
Black Oak Meadowbrook 200 MVAR capacitor Replace Kammer	b0216	\$ 2,646,810.20	1.72%	3.82%	6.15%	0.25%	\$45,525	\$101,108	\$162,779	\$6,617	\$316,029
765/500 kV TXfmr Doubs TXfmr 2	b0495	\$ 2,189,076.15	1.72%	3.82%	6.15%	0.25%	\$37,652	\$83,623	\$134,628	\$5,473	\$261,376
Doubs TXfmr 3	b0343	\$ 581,163.93	1.85%	0.00%	0.00%	0.00%	\$10,752	\$0	\$0	\$0	\$10,752
Doubs TXfmr 4	b0344	\$ 536,391.94	1.86%	0.00%	0.00%	0.00%	\$9,977	\$0	\$0	\$0	\$9,977
New Osage 138KV Ckt Cap at Grover 230 Upgrade transformer 500/230	b0345	\$ 643,125.40	1.85%	0.00%	0.00%	0.00%	\$11,898	\$0	\$0	\$0	\$11,898
Build a 300 MVAR Switched Shunt at Doubs 500kV	b0674	\$ 2,810,217.08	0.00%	0.00%	0.25%	0.01%	\$0	\$0	\$7,026	\$281	\$7,307
Install 500 MVAR svc at Hunterstown 500kV Sub	b0556	\$ 106,838.29	8.58%	18.16%	26.13%	0.97%	\$9,167	\$19,402	\$27,917	\$1,036	\$57,522
Install 500 MVAR svc at Hunterstown 500kV Sub	b1153	\$ 3,519,706.71	3.74%	12.57%	20.52%	0.72%	\$131,637	\$442,427	\$722,244	\$25,342	\$1,321,650
Install a new 600 MVAR SVC at Meadowbrook 500 kV	b1803	\$ 303,938.75	1.72%	3.82%	6.15%	0.25%	\$5,228	\$11,610	\$18,692	\$760	\$36,290
Build 250 MVAR svc at Altoona 230kV	b1800	\$ 2,677,677.73	1.72%	3.82%	6.15%	0.25%	\$46,056	\$102,287	\$164,677	\$6,694	\$319,715
Convert Moshannon sub to 4 breaker 230 kv ring bus	b1800_dfax	\$ 2,677,677.73	0.00%	0.04%	0.08%	0.00%	\$0	\$1,071	\$2,142	\$0	\$3,213
Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV	b1804	\$ 3,739,290.99	1.72%	3.82%	6.15%	0.25%	\$64,316	\$142,841	\$229,966	\$9,348	\$446,471
Convert Moshannon sub to 4 breaker 230 kv ring bus	b1801	\$ 4,419,104.33	6.47%	8.14%	8.18%	0.33%	\$285,916	\$359,715	\$361,483	\$14,583	\$1,021,697
Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV	b1964	\$ 939,591.98	0.00%	5.48%	0.00%		\$0	\$51,490	\$0	\$0	\$51,490
Build a 100 MVAR Fast Switched Shunt and 200 MVAR Switched Shunt at Mansfield 345 kV	b1802	\$ -	6.47%	8.14%	8.18%	0.33%	\$0	\$0	\$0	\$0	\$0

Attachment 6 PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for Allegheny TrAILCo Projects

Attachment 6

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020-May 2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				Total NJ Zones Charges
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
per PJM Open Access Transmission Tariff											
Install 100 MVAR capacitor at Johnstown 230 kV substation	b0555	\$ 170,327.98	8.58%	18.16%	26.13%	0.97%	\$14,614 \$2,088,304	\$30,932 \$4,215,441	\$44,507 \$5,852,026	\$1,652 \$233,411	\$91,705 \$12,389,182
<b>Totals</b>											

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (7 months)	2021 Impact (5 months)
PSEG	\$ 487,668.85	9,752.5	\$ 50.00	\$ 3,413,682	\$ 2,438,344
JCP&L	\$ 351,286.75	6,057.1	\$ 58.00	\$ 2,459,007	\$ 1,756,434
ACE	\$ 174,025.30	2,737.3	\$ 63.58	\$ 1,218,177	\$ 870,127
RE	\$ 19,450.92	393.1	\$ 49.48	\$ 136,156	\$ 97,255
<b>Total Impact on NJ Zones</b>	<b>\$ 1,032,431.82</b>			<b>\$ 7,227,023</b>	<b>\$ 5,162,159</b>
					<b>\$ 12,389,182</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2020 allocation share percentages are from PJM OATT

Attachment 6f PJM Schedule 12 - Transmission Enhancement Charges for June 2020 to May 2021  
 Calculation of costs and monthly PJM charges for PEPCO Projects

Attachment 6f

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020-May 2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Reconductor 23035 for Dickerson-Quince	b0367.1-2	\$ 2,434,092.00	1.78%	2.67%	3.81%	0.00%	\$43,327	\$64,990	\$92,739	\$0	\$201,056
Replace 230 1A breaker	b0512.7	\$ 115,507.73	1.72%	3.82%	6.15%	0.25%	\$1,987	\$4,412	\$7,104	\$289	\$13,792
Replace 230 1A breaker	b0512.7_dfax	\$ 115,507.73	3.94%	9.43%	14.71%	0.54%	\$4,551	\$10,892	\$16,991	\$624	\$33,058
Replace 230 1B breaker	b0512.8	\$ 115,507.73	1.72%	3.82%	6.15%	0.25%	\$1,987	\$4,412	\$7,104	\$289	\$13,792
Replace 230 1B breaker	b0512.8_dfax	\$ 115,507.73	3.94%	9.43%	14.71%	0.54%	\$4,551	\$10,892	\$16,991	\$624	\$33,058
Replace 230 2A breaker	b0512.9	\$ 115,507.73	1.72%	3.82%	6.15%	0.25%	\$1,987	\$4,412	\$7,104	\$289	\$13,792
Replace 230 2A breaker	b0512.9_dfax	\$ 115,507.73	3.94%	9.43%	14.71%	0.54%	\$4,551	\$10,892	\$16,991	\$624	\$33,058
Replace 230 3A breaker	b0512.12	\$ 116,636.78	1.72%	3.82%	6.15%	0.25%	\$2,006	\$4,456	\$7,173	\$292	\$13,926
Replace 230 3A breaker	b0512.12_dfax	\$ 116,636.78	3.94%	9.43%	14.71%	0.54%	\$4,595	\$10,999	\$17,157	\$630	\$33,381
Ritchie-Benning 230 lines	b0526	\$ 6,931,930.00	0.77%	1.39%	2.10%	0.08%	\$53,376	\$96,354	\$145,571	\$5,546	\$300,846
Reconductor Dickerson-Pleasant View 230 kV	b0467.1	\$ 1,034,489.00	1.75%	0.71%	0.00%	0.00%	\$18,104	\$7,345	\$0	\$0	\$25,448
Reconductor Dickerson station H and Upgrade Equipment	b1596	\$ 1,182,124.00	0.80%	0.00%	0.00%	0.00%	\$9,457	\$0	\$0	\$0	\$9,457
<b>Totals</b>							<b>\$150,478</b>	<b>\$230,058</b>	<b>\$334,925</b>	<b>\$9,205</b>	<b>\$724,665</b>

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (7 months)	2021 Impact (5 months)	2020-2021 Impact (12 months)
PSE&G	\$ 27,910.38	9,752.5	\$ 2.86	\$ 195,373	\$ 139,552	\$ 334,925
JCP&L	\$ 19,171.47	6,057.1	\$ 3.17	\$ 134,200	\$ 95,857	\$ 230,058
ACE	\$ 12,539.84	2,737.3	\$ 4.58	\$ 87,779	\$ 62,699	\$ 150,478
RE	\$ 767.04	393.1	\$ 1.95	\$ 5,369	\$ 3,835	\$ 9,205
<b>Total Impact on NJ Zones</b>	<b>\$ 60,388.74</b>			<b>\$ 422,721</b>	<b>\$ 301,944</b>	<b>\$ 724,665</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2020 allocation share percentages are from PJM OATT

**Attachment 6g PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021**  
**Calculation of costs and monthly PJM charges for PPL Projects**

**Attachment 6g**

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project							
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020- May 2021 Annual Revenue Requirement per PJM website	ACE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
New 500 KV Susquehana-Roseland Line	b0487	\$ 36,461,845.00	1.72%	3.82%	6.15%	0.25%	\$627,144	\$1,392,842	\$2,242,403	\$91,155	\$4,353,544
New 500 KV Susquehana-Roseland Line	b0487_dfax	\$ 36,461,845.00	0.00%	32.93%	60.23%	2.47%	\$0	\$12,006,886	\$21,960,969	\$900,608	\$34,868,462
Replace wave trap at Alburtus 500 kV Sub	b0171.2	\$ 4,113.50	1.72%	3.82%	6.15%	0.25%	\$71	\$157	\$253	\$10	\$491
Replace wave trap at Alburtus 500 kV Sub	b0171.2_dfax	\$ 4,113.50	4.19%	19.81%	0.00%	0.00%	\$172	\$815	\$0	\$0	\$987
Replace wavetrap at Hosenack 500KV Sub	b0172.1	\$ 2,950.00	1.72%	3.82%	6.15%	0.25%	\$51	\$113	\$181	\$7	\$352
Replace wavetrap at Hosenack 500KV Sub	b0172.1_dfax	\$ 2,950.00	4.49%	29.72%	48.90%	2.01%	\$132	\$877	\$1,443	\$59	\$2,511
Replace wavetraps at Junita 500KV Sub	b0284.2	\$ 5,970.50	1.72%	3.82%	6.15%	0.25%	\$103	\$228	\$367	\$15	\$713
Replace wavetraps at Junita 500KV Sub	b0284.2_dfax	\$ 5,970.50	0.00%	18.75%	24.11%	0.99%	\$0	\$1,119	\$1,439	\$59	\$2,618
New S-R additions < 500kV <sup>2</sup>	b0487.1	\$ 1,737,153.00	0.00%	0.00%	5.13%	0.19%	\$0	\$0	\$89,116	\$3,301	\$92,417
New substation and transformers Middletown	b0468	\$ 2,376,503.00	0.00%	4.55%	5.93%	0.22%	\$0	\$108,131	\$140,927	\$5,228	\$254,286
Install Lauschtown 500/230 KV Sub below 500kv portion	b2006	\$ 1,111,610.00	1.10%	9.61%	11.35%	0.45%	\$12,228	\$106,826	\$126,168	\$5,002	\$250,223
Install Lauschtown 500/230 KV Sub 500kv portion tie line	b2006.1	\$ 2,354,590.00	1.72%	3.82%	6.15%	0.25%	\$40,499	\$89,945	\$144,807	\$5,886	\$281,138
500kv portion tie line	b2006.1_dfax	\$ 2,354,590.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
200 MVAR shunt reactor at Alburtis 500kv	b2237	\$ 854,374.50	1.72%	3.82%	6.15%	0.25%	\$14,695	\$32,637	\$52,544	\$2,136	\$102,012
200 MVAR shunt reactor at Alburtis 500kv	b2237_dfax	\$ 854,374.50	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0

Attachment 6g PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for PPL Projects

Attachment 6g

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project							
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020- May 2021 Annual Revenue Requirement per PJM website	ACE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
200 MVAR shunt reactor at Lackawanna 500kv	b2716	\$ 876,872.00	1.72%	3.82%	6.15%	0.25%	\$15,082	\$33,497	\$53,928	\$2,192	\$104,699
200 MVAR shunt reactor at Lackawanna 500kv	b2716_dfax	\$ 876,872.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Add 3rd Bay w/3 Breakers at Lackawanna 500kv	b2824	\$ 1,229,811.00	1.72%	3.82%	6.15%	0.25%	\$21,153	\$46,979	\$75,633	\$3,075	\$146,839
Add 3rd Bay w/3 Breakers at Lackawanna 500kv	b2824_dfax	\$ 1,229,811.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
<b>Totals</b>							<b>\$731,330</b>	<b>\$13,821,051</b>	<b>\$24,890,179</b>	<b>\$1,018,733</b>	<b>\$40,461,293</b>

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)	
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (7 months)	2021 Impact (5 months)	2020-2021 Impact (12 months)
PSE&G	\$ 2,074,181.58	9,752.5	\$ 212.68	\$ 14,519,271	\$ 10,370,908	\$ 24,890,179
JCP&L	\$ 1,151,754.28	6,057.1	\$ 190.15	\$ 8,062,280	\$ 5,758,771	\$ 13,821,051
ACE	\$ 60,944.13	2,737.3	\$ 22.26	\$ 426,609	\$ 304,721	\$ 731,330
RE	\$ 84,894.45	393.1	\$ 215.96	\$ 594,261	\$ 424,472	\$ 1,018,733
<b>Total Impact on NJ Zones</b>	<b>\$ 3,371,774.45</b>			<b>\$ 23,602,421</b>	<b>\$ 16,858,872</b>	<b>\$ 40,461,293</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

- 1) 2020 allocation share percentages are from PJM OATT

Attachment 6h PJM Schedule 12 - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for BG&E

Attachment 6h

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	June 2020 - May 2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup>				Estimated New Jersey EDC Zone Charges by Project ACE Zone Charges JCP&L Zone Charges PSE&G Zone Charges RE Zone Charges Total NJ Zones Charges					
Install a second Conastone – Graceton 230 kV circuit	b0497	\$ 1,991,315.00	9.00% 9.64% 14.07% 0.52%				\$179,218	\$191,963	\$280,178	\$10,355	\$661,714	
		\$ -	0.00% 0.00% 0.00% 0.00%				\$0	\$0	\$0	\$0	\$0	
<b>Totals</b>		\$ -					\$0	\$179,218	\$191,963	\$280,178	\$10,355	\$661,714

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(p)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	2020 Rate in \$/MW-mo.	2021 Impact (7 months)	2021 Impact (5 months)
PSEG	\$ 23,348.17	9,752.5	\$ 2.39	\$ 163,437	\$ 116,741
JCP&L	\$ 15,996.90	6,057.1	\$ 2.64	\$ 111,978	\$ 79,984
ACE	\$ 14,934.86	2,737.3	\$ 5.46	\$ 104,544	\$ 74,674
RE	\$ 862.90	393.1	\$ 2.20	\$ 6,040	\$ 4,315
<b>Total Impact on NJ Zones</b>	<b>\$ 55,142.83</b>			<b>\$ 386,000</b>	<b>\$ 275,714</b>
					<b>\$ 661,714</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (n) * (o) \end{aligned}$$

**Notes:**

1) 2020 allocation share percentages are from PJM OATT

Attachment 6i - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for Mid Atlantic Interstate Transmission Projects

Attachment 6i

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan-Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup> per PJM Open Access Transmission Tariff				Estimated New Jersey EDC Zone Charges by Project ACE Zone Charges JCP&L Zone Charges PSE&G Zone Charges RE Zone Charges Total NJ Zones Charges				
Install 230kV series reactor and 2-100MVAR PLC switched capacitors at Hunterstown	b0215	\$ 1,350,447.00	6.71%	16.85%	22.67%	0.34%	\$90,615	\$227,550	\$306,146	\$4,592	\$628,903
Replace wave trap at Keystone 500kV Sub	b2688.1	\$ 1,502,687.00	0.00%	0.00%	0.00%	0.12%	\$0	\$0	\$0	\$1,803	\$1,803
Install 250 MVAR Capacitor at Keystone 500kV Sub	b0549	\$ 175,075.00	1.72%	3.82%	6.15%	0.25%	\$3,011	\$6,688	\$10,767	\$438	\$20,904
Install 250 MVAR Capacitor at Keystone 500kV Sub	b0549_dfax	\$ 175,075.00	4.26%	15.53%	19.08%	0.78%	\$7,458	\$27,189	\$33,404	\$1,366	\$69,417
Install 25 MVAR capacitor at Saxton 115 kV Sub	b0551	\$ 143,377.00	8.58%	18.16%	26.13%	0.97%	\$12,302	\$26,037	\$37,464	\$1,391	\$77,194
Install 50 MVAR capacitor at Altoona 230 kV Sub	b0552	\$ 115,214.00	8.58%	18.16%	26.13%	0.97%	\$9,885	\$20,923	\$30,105	\$1,118	\$62,031
Install 50 MVAR capacitor at Raystown 230 kV Sub	b0553	\$ 101,288.00	8.58%	18.16%	26.13%	0.97%	\$8,691	\$18,394	\$26,467	\$982	\$54,533
Install 75 MVAR capacitor at East Towanda 230 kV Sub	b0557	\$ 237,837.00	8.58%	18.16%	26.13%	0.97%	\$20,406	\$43,191	\$62,147	\$2,307	\$128,051
Relocate the Erie South 345 kV Line Terminal	b1993	\$ 1,205,508.00	0.00%	5.14%	12.10%	0.48%	\$0	\$61,963	\$145,866	\$5,786	\$213,616
Conver Lewis Run-Farmers Valley to 230kV using 1033.5 Conductor Loop the 2026 kV Line to Laushtown Substation	b1994	\$ 13,956,274.00	0.00%	8.64%	13.55%	0.54%	\$0	\$1,205,822	\$1,891,075	\$75,364	\$3,172,261
Loop the 2026 kV Line to Laushtown Substation	b2006.1.1	\$ 377,834.00	1.72%	3.82%	6.15%	0.25%	\$6,499	\$14,433	\$23,237	\$945	\$45,113
South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1364	\$ 24,499.00	0.00%	100.00%	0.00%	0.00%	\$0	\$24,499	\$0	\$0	\$24,499
Middletown Sub - 69 kv Capacitor Bank	b1362	\$ 14,164.36	0.00%	100.00%	0.00%	0.00%	\$0	\$14,164	\$0	\$0	\$14,164
		\$ 19,745,394					\$158,867	\$1,727,320	\$2,566,679	\$96,091	\$4,548,957

Notes on calculations >>>

$$\begin{aligned}
 &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\
 & & & & & & & & & (h) + (i)
 \end{aligned}$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2020	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (12 months)
PSEG	\$ 213,889.94	9,752.5	\$ 21.93	\$ 2,566,679
JCP&L	\$ 143,943.29	6,057.1	\$ 23.76	\$ 1,727,320
ACE	\$ 13,238.94	2,737.3	\$ 4.84	\$ 158,867
RE	\$ 8,007.56	393.1	\$ 20.37	\$ 96,091
Total Impact on NJ Zones	\$ 379,079.74			\$ 4,548,957

Notes on calculations >>>

$$= (k) * (l) \quad = (k) * 12$$

Notes:

1) 2020 allocation share percentages are from PJM OATT

Attachment 6j - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

Attachment 6j

Required Transmission Enhancement per PJM website	(a) PJM Upgrade ID per PJM spreadsheet	(b) 2020/2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				(f) ACE Zone Charges	Estimated New Jersey EDC Zone Charges by Project			(j) Total NJ Zones Charges
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>		JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
Install a new 500 kV Center Point substation in PECO by tapping the Elroy – Whitpain 500 kV circuit.	b0269	\$ 1,962,315.00	1.72%	3.82%	6.15%	0.25%	\$33,752	\$74,960	\$120,682	\$4,906	\$234,300
Add a new 230 kV circuit between Whitpain and Heaton substations	b0269.10	\$ 517,129.00	8.25%	0.00%	0.00%	0.00%	\$42,663	\$0	\$0	\$0	\$42,663
Add a new 500kV brkr. at Whitpain bet. #3 transfrm. and 5029 line	b0269.6	\$ 148,924.50	1.72%	3.82%	6.15%	0.25%	\$2,562	\$5,689	\$9,159	\$372	\$17,782
Replace 2-500 kV circ brkrs and 2 wave traps at Elroy subs to increase rating of Elroy - Hossensack 500kV	b0171.1	\$ 198,730.50	1.72%	3.82%	6.15%	0.25%	\$3,418	\$7,592	\$12,222	\$497	\$23,728
Replace 2-500 kV circ brkrs and 2 wave traps at Elroy subs to increase rating of Elroy - Hossensack 500kV	b0171.1_dfax	\$ 198,730.50	4.19%	19.81%	0.00%	0.00%	\$8,327	\$39,369	\$0	\$0	\$47,695
Increase the rating of lines 220-39 and 220-43 (Linwood-Chichester 230kV lines) and install reactors.	b1900	\$ 5,237,707.00	0.00%	6.02%	20.83%	0.83%	\$0	\$315,310	\$1,091,014	\$43,473	\$1,449,797
Rebuild Bryn Mawr-Plymouth Meeting 138 kV line (130-35 Line)	b0727	\$ 1,494,006.00	1.25%	0.00%	0.00%	0.00%	\$18,675	\$0	\$0	\$0	\$18,675
Recdnr Chichester - Saville 138 kV line and upgrade term equip	b1182	\$ 1,671,526.00	0.00%	5.08%	14.20%	0.56%	\$0	\$84,914	\$237,357	\$9,361	\$331,631
Add a second 230/138 kV trans at Chichester. Add an inductor in series with the parallel tranfmrs	b1178	\$ 764,192.00	0.00%	4.14%	12.10%	0.48%	\$0	\$31,638	\$92,467	\$3,668	\$127,773
Increase Bradford - Planebrook 230 kV Ckt.220-31 line rating. Replace terminal equipment	b0790	\$ 163,431.00	0.00%	17.30%	33.68%	1.31%	\$0	\$28,274	\$55,044	\$2,141	\$85,458
Reconducto the North Wales - Hartman 230 kV circuit	b0506	\$ 202,818.00	8.58%	0.00%	0.00%	0.00%	\$17,402	\$0	\$0	\$0	\$17,402
Reconducto the North Wales - Whitpain 230 kV circuit	b0505	\$ 230,537.00	8.58%	0.00%	0.00%	0.00%	\$19,780	\$0	\$0	\$0	\$19,780
Increase Bradford - Planebrook 230 kV Ckt.220-02 line rating. Replace terminal equipment	b0789	\$ 223,837.00	0.72%	17.36%	33.52%	1.31%	\$1,612	\$38,858	\$75,030	\$2,932	\$118,432
Install 161MVAR capacitor at Planebrook 230kV substation	b0206	\$ 313,493.00	14.20%	0.00%	3.47%	0.00%	\$44,516	\$0	\$10,878	\$0	\$55,394
Install 161MVAR capacitor at Newlinville 230kV substation	b0207	\$ 421,407.00	14.20%	0.00%	3.47%	0.00%	\$59,840	\$0	\$14,623	\$0	\$74,463
Install 2% series reactor at Chichester substation on the Chichester - Mickleton 230kV circuit	b0209	\$ 238,426.00	65.23%	25.87%	6.35%	0.00%	\$155,525	\$61,681	\$15,140	\$0	\$232,346
Upgrade Chichester - Delco Tap 230kV and the PECO portion of the Delco Tap - Mickleton 230kV circuit	b0264	\$ 196,699.00	89.87%	9.48%	0.00%	0.00%	\$176,773	\$18,647	\$0	\$0	\$195,420

Attachment 6j - Transmission Enhancement Charges for June 2020 - May 2021  
 Calculation of costs and monthly PJM charges for PECO Energy Company Transmission Projects

Attachment 6j

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	2020/2021 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix per PJM Open Access Transmission Tariff				ACE Zone Charges	Estimated New Jersey EDC Zone Charges by Project			Total NJ Zones Charges
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>		JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	
Reconductor Buckingham - Pleasant Valley 230kV; same impedance as existing line; ratings of 760MVA normal/882MVA emergency	b0357	\$ 177,284.00	0.00%	37.17%	54.14%	2.32%	\$0	\$65,896	\$95,982	\$4,113	\$165,991
Reconductor Richmond-Waneeta kv and replace terminal equipment at Waneeta Substation	b1398.8	\$ 259,235.00	0.00%	12.82%	31.46%	1.25%	\$0	\$33,234	\$81,555	\$3,240	\$118,030
Install 600 MVAR cap banks at Elroy 500kv Substation	b0287	\$ 422,461.00	1.72%	3.82%	6.15%	0.25%	\$7,266	\$16,138	\$25,981	\$1,056	\$50,442
Install 600 MVAR cap banks at Elroy 500kv Substation	b2087_dfax	\$ 422,461.00	4.19%	19.81%	0.00%	0.00%	\$17,701	\$83,690	\$0	\$0	\$101,391
Install 161 MVAR capacitor at Heaton 230kV Substation	b0208	\$ 633,747.00	14.20%	0.00%	3.47%	0.00%	\$89,992	\$0	\$21,991	\$0	\$111,983
Increase Ratings at Peach Bottom 500/230kV Tfmr to 1839 MVA Emgcy	b2694	\$ 3,201,780.00	3.97%	6.84%	14.13%	0.44%	\$127,111	\$219,002	\$452,412	\$14,088	\$812,612
Upgrade sub equipment at Peach Bottom	b2766.2	\$ 103,604.50	1.72%	3.82%	6.15%	0.25%	\$1,782	\$3,958	\$6,372	\$259	\$12,370
Upgrade sub equipment at Peach Bottom	b2766.2_dfax	\$ 103,604.50	1.12%	17.79%	35.05%	1.44%	\$1,160	\$18,431	\$36,313	\$1,492	\$57,397
							\$829,857	\$1,147,279	\$2,454,222	\$91,598	\$4,522,956

Notes on calculations >>>

$$\begin{aligned} &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\ & & & & & & & & & (h) + (i) \end{aligned}$$

(k)	(l)	(m)	(n)	(o)	(n)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 20/21	2020TX Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (7 months)	2021 Impact (5 months)
PSE&G	\$ 204,518.51	9,752.5	\$ 20.97	\$ 1,431,630	\$ 1,022,593
JCP&L	\$ 95,606.55	6,057.1	\$ 15.78	\$ 669,246	\$ 478,033
ACE	\$ 69,154.75	2,737.3	\$ 25.26	\$ 484,083	\$ 345,774
RE	\$ 7,633.17	393.1	\$ 19.42	\$ 53,432	\$ 38,166
<b>Total Impact on NJ Zones</b>	<b>\$ 376,912.98</b>			<b>\$ 2,638,391</b>	<b>\$ 1,884,565</b>
					<b>2020-2021 Impact (12 months)</b>
					<b>\$ 4,522,956</b>

Notes on calculations >>>

$$\begin{aligned} &= (k) * (l) & &= (k) * 7 & &= (k) * 5 & &= (k) * 12 \end{aligned}$$

**Notes:**

1) 2020 allocation share percentages are from PJM OATT

Attachment 6k PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for AEP -East Projects

Attachment 6k

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
New 765 KV circuit breakers at Hanging Rock Sub	b0504	\$ 378,611	1.72%	3.82%	6.15%	0.25%	\$6,512	\$14,463	\$23,285	\$947	\$45,206
New 765 KV circuit breakers at Hanging Rock Sub	b0504_dfax	\$ 378,611	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Rockport Reactor Bank	b1465.2	\$ 940,352	1.72%	3.82%	6.15%	0.25%	\$16,174	\$35,921	\$57,832	\$2,351	\$112,278
Rockport Reactor Bank	b1465.2_dfax	\$ 940,352	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Transpose Rockport- Sullivan 765KV line	b1465.3	\$ 1,107,912	1.72%	3.82%	6.15%	0.25%	\$19,056	\$42,322	\$68,137	\$2,770	\$132,285
Transpose Rockport- Sullivan 765KV line	b1465.3_dfax	\$ 1,107,912	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Switching changes Sullivan 765KV station	b1465.4	\$ (138,876)	1.72%	3.82%	6.15%	0.25%	-\$2,389	-\$5,305	-\$8,541	-\$347	-\$16,582
Switching changes Sullivan 765KV station	b1465.4_dfax	\$ (138,876)	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Sullivan Inst Baker 765kV Trnsf.	b1465.5	\$ 1,138,437	1.72%	3.82%	6.15%	0.25%	\$19,581	\$43,488	\$70,014	\$2,846	\$135,929
Sullivan Inst Baker 765kV Trnsf.	b1465.5_dfax	\$ 1,138,437	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
765kV circuit breaker at Wyoming station	b1661	\$ (1,281)	1.72%	3.82%	6.15%	0.25%	-\$22	-\$49	-\$79	-\$3	-\$153
765kV circuit breaker at Wyoming station	b1661_dfax	\$ (1,281)	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Term Tsfmr #2 @ SW Lima - new bay position	b1957	\$ 1,625,291	0.00%	0.00%	4.52%	0.18%	\$0	\$0	\$73,463	\$2,926	\$76,389
Reconducto/Rebuild Sporn-Waterford-Muskingham River 345 kV Line	b2017	\$ 11,540,442	0.00%	1.39%	2.00%	0.08%	\$0	\$160,412	\$230,809	\$9,232	\$400,453
Add four 765 kV Breakers at Kammar	b1962	\$ 1,422,508	1.72%	3.82%	6.15%	0.25%	\$24,467	\$54,340	\$87,484	\$3,556	\$169,847
Add four 765 kV Breakers at Kammar	b1962_dfax	\$ 1,422,508	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Ft. Wayne Relocate	b1659.14	\$ 2,309,000	1.72%	3.82%	6.15%	0.25%	\$39,715	\$88,204	\$142,004	\$5,773	\$275,695
Ft. Wayne Relocate	b1659.14_dfax	\$ 2,309,000	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Sorenson 765/500kV Transformer	b1659	\$ 7,952,328	0.00%	0.00%	0.92%	0.04%	\$0	\$0	\$73,161	\$3,181	\$76,342
Sorenson Work 765kV	b1659.13	\$ 3,214,938	1.72%	3.82%	6.15%	0.25%	\$55,297	\$122,811	\$197,719	\$8,037	\$383,864
Sorenson Work 765kV	b1659.13_dfax	\$ 3,214,938	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Baker Station 765/500kV Transformer	b1495	\$ 4,771,714	0.41%	0.90%	1.48%	0.06%	\$19,564	\$42,945	\$70,621	\$2,863	\$135,994
Cloverdale 765/500kV Transformer	b1660	\$ (588,304)	1.72%	3.82%	6.15%	0.25%	(\$10,119)	(\$22,473)	(\$36,181)	(\$1,471)	(\$70,243)
Cloverdale 765/500kV Transformer	b1660_dfax	\$ (588,304)	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Cloverdale 500kV Station	b1660.1	\$ 1,496,129	1.72%	3.82%	6.15%	0.25%	\$25,733	\$57,152	\$92,012	\$3,740	\$178,638
Cloverdale 500kV Station	b1660.1_dfax	\$ 1,496,129	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Jacksons-Ferry 765kV Breakers	b1663.2	\$ 306,069	1.72%	3.82%	6.15%	0.25%	\$5,264	\$11,692	\$18,823	\$765	\$36,545
Jacksons-Ferry 765kV Breakers	b1663.2_dfax	\$ 306,069	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Reconducto Cloverdale-Lexington 500kV	b1797.1	\$ 2,898,729	1.72%	3.82%	6.15%	0.25%	\$49,858	\$110,731	\$178,272	\$7,247	\$346,108

Attachment 6k PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for AEP -East Projects

Attachment 6k

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project			
			ACE Zone Share <sup>1</sup>	JCP&L Zone Share <sup>1</sup>	PSE&G Zone Share <sup>1</sup>	RE Zone Share <sup>1</sup>	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges
			per PJM Open Access Transmission Tariff							
Reconductor Cloverdale-Lexington 500kV	b1797.1_dfax	\$ 2,898,729	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0
Reconductor West Bellaire	b1970	\$ (2,413,072)	0.00%	1.68%	2.88%	0.11%	\$0	-\$40,540	-\$69,496	-\$2,654
Add a 3rd 2250 MVA 765/345 kV transformer at Sullivan station	b1465.1	\$ 4,271,272	0.71%	1.58%	2.62%	0.10%	\$30,326	\$67,486	\$111,907	\$4,271
Replace existing 150 MVAR reactor at Amos 765 kV sub	b2230	\$ 860,412	1.72%	3.82%	6.15%	0.25%	\$14,799	\$32,868	\$52,915	\$2,151
Replace existing 150 MVAR reactor at Amos 765 kV sub	b2230_dfax	\$ 860,412	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0
Install a 300 MVAR shunt reactor at AEP's Wyoming 765 kV station	b2423	\$ 1,275,003	1.72%	3.82%	6.15%	0.25%	\$21,930	\$48,705	\$78,413	\$3,188
Install a 300 MVAR shunt reactor at AEP's Wyoming 765 kV station	b2423_dfax	\$ 1,275,003	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0
Install a 450 MVAR SVC Jackson's Ferry 765kV Substation	b2687.1	\$ (378,019)	1.72%	3.82%	6.15%	0.25%	-\$6,502	-\$14,440	-\$23,248	-\$945
Install a 450 MVAR SVC Jackson's Ferry 765kV Substation	b2687.1_dfax	\$ (378,019)	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0
Install a 450 MVAR SVC Jackson's Ferry 765kV Substation	b2687.2	\$ 537,419	1.72%	3.82%	6.15%	0.25%	\$9,244	\$20,529	\$33,051	\$1,344
Install 300 MVAR shunt line reactor	b2687.2_dfax	\$ 537,419	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0
<b>Totals</b>							<b>\$338,489</b>	<b>\$871,263</b>	<b>\$1,522,376</b>	<b>\$61,766</b>
										<b>\$2,793,895</b>

Notes on calculations >>>

$$\begin{aligned}
 &= (a) * (b) & &= (a) * (c) & &= (a) * (d) & &= (a) * (e) & &= (f) + (g) + \\
 & & & & & & & & & (h) + (i)
 \end{aligned}$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2020	2020Tx Peak Load per PJM website	Rate in \$/MW-mo.	2020 Impact (12 months)	
				PSE&G	JCP&L
PSE&G	\$ 126,864.70	9,752.5	\$ 13.01	\$ 1,522,376	
JCP&L	\$ 72,605.27	6,057.1	\$ 11.99	\$ 871,263	
ACE	\$ 28,207.46	2,737.3	\$ 10.30	\$ 338,489	
RE	\$ 5,147.19	393.1	\$ 13.09	\$ 61,766	
<b>Total Impact on NJ Zones</b>	<b>\$ 232,824.62</b>			<b>\$ 2,793,895</b>	

Notes on calculations >>>

$$= (k) * (l) = (k) * 12$$

Notes:

Attachment 6k PJM Schedule 12 - Transmission Enhancement Charges for January 2020 - December 2020  
 Calculation of costs and monthly PJM charges for AEP -East Projects

Attachment 6k

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2020 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix ACE Zone Share <sup>1</sup> JCP&L Zone Share <sup>1</sup> PSE&G Zone Share <sup>1</sup> RE Zone Share <sup>1</sup>				Estimated New Jersey EDC Zone Charges by Project ACE Zone Charges JCP&L Zone Charges PSE&G Zone Charges RE Zone Charges Total NJ Zones Charges			
per PJM Open Access Transmission Tariff										

1) 2019 allocation share percentages are from PJM OATT

Attachment 6I - Summary of Charges and Credits for ER18-680 and Form 715 Projects

Total 715 Dollars	August 20	September 20	October 20	November 20	December 20	January 20	February 20	March 20	Total	Per Month Over 6	Per Month Over 12	
AECO	\$ -	\$ -	\$ -	\$ 55,957.97	\$ 161,400.25	\$ 226,139.04	\$ 198,342.22	\$ -	\$ 641,839.49	\$ 106,973.25	\$ 53,486.62	
J CPL	\$ -	\$ -	\$ -	\$ 124,456.54	\$ 363,659.45	\$ 521,135.59	\$ 440,531.78	\$ -	\$ 1,449,783.35	\$ 241,630.56	\$ 120,815.28	
PSEG	\$ -	\$ -	\$ -	(\$619,323.39)	(\$12,015,658.70)	(\$16,987,032.74)	\$ 699,451.34	(\$6,356,239.53)	(\$30,938,705.88)	(\$66,217,508.91)	(\$11,036,251.48)	(\$5,518,125.74)
RECO	\$ -	\$ -	\$ -	\$ 8,250.01	\$ 25,294.07	\$ 70,590.89	\$ 102,172.15	\$ -	\$ 206,307.13	\$ 34,384.52	\$ 17,192.26	

  

Total 680 Dollars	August 20	September 20	October 20	November 20	December 20	January 20	February 20	March 20	Total	Per Month Over 3	Per Month Over 12
AECO	\$ -	(\$40,961.25)	(\$49,529.60)	(\$31,739.26)	\$ -	\$ -	\$ -	\$ -	(\$122,230.11)	(\$40,743.37)	(\$10,185.84)
J CPL	\$ -	(\$535,157.75)	(\$584,204.50)	(\$361,148.07)	\$ -	\$ -	\$ -	\$ -	(\$1,480,510.32)	(\$493,503.44)	(\$123,375.86)
PSEG	\$ -	(\$7,858,527.96)	(\$10,941,311.02)	(\$7,218,055.74)	\$ -	\$ -	\$ -	\$ -	(\$26,017,894.72)	(\$8,672,631.57)	(\$2,168,157.89)
RECO	\$ -	(\$308,563.34)	(\$431,553.16)	(\$284,554.15)	\$ -	\$ -	\$ -	\$ -	(\$1,024,670.64)	(\$341,556.88)	(\$85,389.22)

  

Total 680 and 715 Dollars	August 20	September 20	October 20	November 20	December 20	January 20	February 20	March 20	Total	Per Month Over 12
AECO	\$ -	(\$40,961.25)	(\$49,529.60)	\$ 24,218.70	\$ 161,400.25	\$ 226,139.04	\$ 198,342.22	\$ -	\$ 519,609.38	\$ 43,300.78
J CPL	\$ -	(\$535,157.75)	(\$584,204.50)	(\$236,691.53)	\$ 363,659.45	\$ 521,135.59	\$ 440,531.78	\$ -	(\$30,726.96)	(\$2,560.58)
PSEG	\$ -	(\$7,858,527.96)	(\$11,560,634.41)	(\$19,233,714.44)	(\$16,987,032.74)	\$ 699,451.34	(\$6,356,239.53)	(\$30,938,705.88)	(\$92,235,403.63)	(\$7,686,283.64)
RECO	\$ -	(\$308,563.34)	(\$431,553.16)	(\$276,304.14)	\$ 25,294.07	\$ 70,590.89	\$ 102,172.15	\$ -	(\$818,363.52)	(\$68,196.96)

**Attachment 6I - Summary of Charges and Credits for ER18-680 and Form 715 Projects**

<b>DOCKET NO. ER18-680 ESTIMATES</b>	<b>2018</b>	<b>2019</b>	<b>2020(Jan-July)</b>	<b>TOTAL</b>
AECO	(\$40,961.25)	(\$49,529.60)	(\$31,739.26)	(\$122,230.11)
AEP	(\$25,579.53)	(\$23,130.56)	(\$14,614.74)	(\$63,324.83)
APS	(\$10,561.17)	(\$35,323.96)	(\$30,008.76)	(\$75,893.90)
ATSI	(\$42,511.75)	(\$55,409.40)	(\$40,600.29)	(\$138,521.44)
BGE	(\$110,700.27)	(\$151,114.35)	(\$99,515.39)	(\$361,330.01)
ComEd	(\$225,275.20)	(\$323,884.91)	(\$213,514.12)	(\$762,674.23)
Dayton	(\$13,188.54)	(\$19,082.27)	(\$12,670.89)	(\$44,941.69)
DEOK	\$0.00	(\$127.10)	(\$219.86)	(\$346.96)
DUQ	(\$2,842.20)	(\$2,687.57)	(\$1,840.50)	(\$7,370.27)
DOM	(\$2,066.43)	(\$1,988.32)	(\$2,727.25)	(\$6,782.01)
DPL	(\$5,343.59)	(\$5,539.53)	(\$4,430.04)	(\$15,313.16)
ECP	\$2,201,021.53	\$2,573,785.24	\$1,643,521.74	\$6,418,328.51
EKPC	\$0.00	(\$42.37)	(\$73.29)	(\$115.65)
HTP	\$8,274,027.65	\$11,523,455.19	\$7,596,802.04	\$27,394,284.89
JCPL	(\$535,157.75)	(\$584,204.50)	(\$361,148.07)	(\$1,480,510.32)
MetEd	(\$10,510.44)	(\$15,032.45)	(\$10,329.30)	(\$35,872.19)
Neptune	(\$180,153.28)	(\$191,411.83)	(\$111,386.74)	(\$482,951.86)
PECO	(\$626,461.36)	(\$577,380.11)	(\$340,175.42)	(\$1,544,016.89)
PENELEC	(\$335,730.61)	(\$503,912.92)	(\$342,947.97)	(\$1,182,591.49)
PEPCO	(\$108,555.67)	(\$152,282.62)	(\$101,126.55)	(\$361,964.84)
PPL	(\$32,358.85)	(\$32,291.89)	(\$18,645.45)	(\$83,296.18)
PSEG	(\$7,858,527.96)	(\$10,941,311.02)	(\$7,218,055.74)	(\$26,017,894.72)
RECO	(\$308,563.34)	(\$431,553.16)	(\$284,554.15)	(\$1,024,670.64)

**FERC FORM 715 DOMINION ESTIMATES**

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020(Jan-Aug)</b>	<b>INTEREST</b>	<b>TOTAL</b>
AECO	\$ -	\$ -	\$ 51,566.79	\$ 148,734.73	\$ 208,393.29	\$ 182,777.76	\$ 50,366.92	\$ 641,839.49
AEP	\$ -	\$ -	\$ 432,289.77	\$ 1,268,725.17	\$ 1,825,059.23	\$ 1,506,853.87	\$ 430,254.00	\$ 5,463,182.04
APS	\$ -	\$ -	\$ 167,769.36	\$ 513,403.62	\$ 1,306,033.08	\$ 997,557.73	\$ 229,932.81	\$ 3,214,696.60
ATSI	\$ -	\$ -	\$ 245,372.82	\$ 706,041.97	\$ 1,029,022.76	\$ 841,627.83	\$ 241,407.42	\$ 3,063,472.80
BGE	\$ -	\$ -	\$ 127,042.74	\$ 378,108.77	\$ 531,985.35	\$ 449,505.77	\$ 127,004.98	\$ 1,613,647.61
ComEd	\$ -	\$ -	\$ 407,367.51	\$ 1,192,565.82	\$ 1,713,743.56	\$ 1,402,713.05	\$ 404,008.24	\$ 5,120,398.18
ConEd	\$ -	\$ -	\$ 5,774.67	\$ -	\$ -	\$ -	\$ 998.22	\$ 6,772.89
Dayton	\$ -	\$ -	\$ 64,331.85	\$ 189,054.39	\$ 267,934.23	\$ 217,845.59	\$ 63,561.51	\$ 802,727.56
DEOK	\$ -	\$ -	\$ 102,221.79	\$ 294,781.48	\$ 416,786.58	\$ 494,141.39	\$ 104,545.17	\$ 1,412,476.41
DPL	\$ -	\$ -	\$ 79,427.04	\$ 223,998.09	\$ 321,003.33	\$ 274,166.64	\$ 76,677.78	\$ 975,272.87
DUQ	\$ -	\$ -	\$ 53,694.30	\$ 156,798.66	\$ 223,947.69	\$ 179,047.70	\$ 52,854.79	\$ 666,343.14
ECP	\$ -	\$ -	\$ 6,078.60	\$ -	\$ -	\$ -	\$ 1,050.75	\$ 7,129.35
EKPC	\$ -	\$ -	\$ 55,315.26	\$ 167,550.57	\$ 275,700.44	\$ 260,694.34	\$ 61,275.82	\$ 820,536.42
HTP	\$ -	\$ -	\$ 6,078.60	\$ -	\$ -	\$ -	\$ 1,050.75	\$ 7,129.35
JCPL	\$ -	\$ -	\$ 114,682.92	\$ 335,101.14	\$ 480,210.62	\$ 405,936.65	\$ 113,852.02	\$ 1,449,783.35
MetEd	\$ -	\$ -	\$ 56,733.60	\$ 170,238.55	\$ 243,341.23	\$ 199,780.34	\$ 57,311.11	\$ 727,404.83
Neptune	\$ -	\$ -	\$ 12,765.06	\$ 39,423.66	\$ 54,363.47	\$ 44,631.78	\$ 12,998.31	\$ 164,182.28
OVEC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,501.29	\$ 285.27
PECO	\$ -	\$ -	\$ 160,778.97	\$ 478,459.91	\$ 691,192.65	\$ 564,273.20	\$ 161,962.10	\$ 2,056,666.83
PENELEC	\$ -	\$ -	\$ 55,923.12	\$ 169,342.55	\$ 240,752.49	\$ 201,905.67	\$ 56,926.06	\$ 724,849.89
PEPCO	\$ -	\$ -	\$ 334,626.93	\$ 620,972.58	\$ 515,158.56	\$ 414,437.95	\$ 191,664.46	\$ 2,076,860.48
PPL	\$ -	\$ -	\$ 135,248.85	\$ 433,660.30	\$ 616,119.29	\$ 531,330.70	\$ 144,849.97	\$ 1,861,209.10
PSEG	\$ -	\$ -	\$ 188,639.22	\$ 560,891.21	\$ 801,213.95	\$ 653,536.76	\$ 188,923.28	\$ 2,393,204.42
RECO	\$ -	\$ -	\$ 7,598.25	\$ 23,295.80	\$ 33,653.57	\$ 26,566.54	\$ 7,815.60	\$ 98,929.76
DOM REFUND			<b>(\$2,871,328.02)</b>	<b>(\$8,071,148.97)</b>	<b>(\$11,795,615.36)</b>	<b>\$ (9,857,832.53)</b>	<b>(\$2,781,577.33)</b>	<b>(\$35,377,502.22)</b>

**FERC FORM 715 PSEG ESTIMATES**

	<b>2015(May - Dec)</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020(Jan-Aug)</b>	<b>INTEREST</b>	<b>TOTAL</b>
ConEd	\$ 284,157.46	\$ 7,381,095.06	\$ 3,414,358.91	\$ -	\$ -	\$ -	\$ 2,265,543.00	\$ 13,345,154.43
ECP	\$ 274,987.49	\$ 3,651,931.94	\$ 12,454,079.09	\$ -	\$ -	\$ -	\$ 2,945,857.67	\$ 19,326,856.18
Neptune	\$ -	\$ -	\$ 17,790.00	\$ 153,872.00	\$ 6,346,714.78	\$ 16,601,997.02	\$ 1,072,632.46	\$ 24,193,006.25
PECO	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,260,455.75	\$ 377,863.35	\$ 11,638,319.09
RECO	\$ -	\$ -	\$ -	\$ -	\$ 32,505.58	\$ 69,999.69	\$ 4,872.10	\$ 107,377.37
PSEG REFUND	<b>(\$559,144.95)</b>	<b>(\$11,033,027.00)</b>	<b>(\$15,886,228.00)</b>	<b>(\$153,872.00)</b>	<b>(\$6,379,220.35)</b>	<b>(\$27,932,452.45)</b>	<b>(\$6,666,768.58)</b>	<b>(\$68,610,713.33)</b>