

Attachment 1 (Derivation of PSE&G ROE Revised NITS Charge)

Attachment 1 - Revised PSE&G Network Integration Service Calculation.

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2021 through December 31, 2021

Line #	Description	Rate	Source
(1)	Transmission Service Annual Revenue Requirement	\$ 1,519,738,296.00	Page 4 of Attachment 9 -Line 183
(2)	Total Schedule 12 TEC Included in above	\$ (544,221,479.00)	Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 314,263,977.20	Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 1,289,780,794.20	=(1) +(2) +(3)
(5)	2021 PSE&G Network Service Peak	9,557.3 MW	Page 4 of Attachment 9 Line 184
(6)	2021 Derived Network Integration Transmission Service Rate	\$ 134,952.42 per MW-year	(4) / (5)
	Resulting 2021 BGS Firm Transmission Service Supplier Rate	\$ 369.73 per MW-day	= (6)/365

Current PSE&G Network Integration Service Calculation.

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2021 through December 31, 2021

Line #	Description	Rate	Source
(1)	Transmission Service Annual Revenue Requirement	\$ 1,645,668,896.00	Page 4 of Attachment 10 -Line 164
(2)	Total Schedule 12 TEC Included in above	\$ (580,472,354.00)	Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 335,370,478.94	Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 1,400,567,020.94	=(1) +(2) +(3)
(5)	2021 PSE&G Network Service Peak	9,557.3 MW	Page 4 of Attachment 10 -Line 165
(6)	2021 Derived Network Integration Transmission Service Rate	\$ 146,544.21 per MW-year	(4) /(5)
	Resulting 2021 BGS Firm Transmission Service Supplier Rate	\$ 401.49 per MW-day	= (6)/365

Net Reduction in PSE&G Network Integration Service Calculation.

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2021 through December 31, 2021

Line #	Description	Rate	Source
(1)	Transmission Service Annual Revenue Requirement	\$ (125,930,600.00)	Current (1) - Revised (2)
(2)	Total Schedule 12 TEC Included in above	\$ 36,250,875.00	Current (2) - Revised (2)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ (21,106,501.74)	Current (3) - Revised (3)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ (110,786,226.74)	Current (4) - Revised (4)
(5)	2021 PSE&G Network Service Peak	9,557.3 MW	
(6)	2021 Derived Network Integration Transmission Service Rate	\$ (11,591.79) per MW-year	(4) / (5)
	Resulting 2021 BGS Firm Transmission Service Supplier Rate	\$ (31.76) per MW-day	= (6)/365

Attachment 2a (Pro-forma PSE&G Tariff Sheets)

Attachment 2b (PSE&G Translation of ROE Revised NITS Charge into Customer Rates)

Attachment 2c (PSE&G Translation of PSE&G ROE Refund into Customer Rates)

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 76

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

Superseding

XXX Revised Sheet No. 76

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

(Continued)

BGS TRANSMISSION CHARGES:

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

Charges per kilowatt-hour:

<u>Rate Schedule</u>	<u>For usage in all months</u>	
	<u>Transmission Charges</u>	<u>Charges Including SUT</u>
RS	\$0.047201	\$0.050328
RHS	0.029924	0.031906
RLM On-Peak	0.118543	0.126396
RLM Off-Peak	0.000000	0.000000
WH	0.000000	0.000000
WHS	0.000000	0.000000
HS	0.043073	0.045927
BPL	0.000000	0.000000
BPL-POF	0.000000	0.000000
PSAL	0.000000	0.000000

The above charges shall recover all costs related to 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 allocated to the above Rate Schedules. 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).

BGS ENERGY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt-hour:

<u>Rate Schedule</u>	<u>For usage in each of the months of</u>		<u>For usage in each of the months of</u>	
	<u>October through May</u>		<u>June through September</u>	
	<u>Charges</u>	<u>Charges Including SUT</u>	<u>Charges</u>	<u>Charges Including SUT</u>
GLP	\$ 0.049374	\$ 0.052645	\$ 0.048555	\$ 0.051772
GLP Night Use	0.046066	0.049118	0.042374	0.045181
LPL-Sec. under 500 kW				
On-Peak	0.052390	0.055861	0.053875	0.057444
Off-Peak	0.046066	0.049118	0.042374	0.045181

The above Basic Generation Service Energy Charges reflect costs for Energy and Ancillary Services (including PJM Administrative Charges).

Kilowatt thresholds noted above are 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

XXX Revised Sheet No. 79

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

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..... \$ 5.2396
Charge including New Jersey Sales and Use Tax (SUT) \$ 5.5867

Charge applicable in the months of October through May \$ 5.2396
Charge including New Jersey Sales and Use Tax (SUT) \$ 5.5867

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 \$ 134,952.42 per MW per year
EL05-121 \$ 82.32 per MW per month
Public Service Electric and Gas ROE Refund (\$ 404.92) per MW per month
FERC 680 & 715 Reallocation \$ 0.00 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 \$ 47.03 per MW per month
Virginia Electric and Power Company \$ 67.96 per MW per month
Potomac-Appalachian Transmission Highline L.L.C. \$ 13.14 per MW per month
PPL Electric Utilities Corporation \$ 218.37 per MW per month
American Electric Power Service Corporation \$ 16.74 per MW per month
Atlantic City Electric Company \$ 8.83 per MW per month
Delmarva Power and Light Company \$ 1.31 per MW per month
Potomac Electric Power Company \$ 2.71 per MW per month
Baltimore Gas and Electric Company \$ 6.49 per MW per month
Jersey Central Power and Light \$ 66.32 per MW per month
Mid Atlantic Interstate Transmission \$ 18.32 per MW per month
PECO Energy Company \$ 16.82 per MW per month
Silver Run Electric, Inc. \$ 42.82 per MW per month
Northern Indiana Public Service Company \$ 0.85 per MW per month
Commonwealth Edison Company \$ 0.14 per MW per month
South First Energy Operating Company \$ 0.57 per MW per month

Above rates converted to a charge per kW of Transmission
Obligation, applicable in all months \$ 11.4517
Charge including New Jersey Sales and Use Tax (SUT) \$ 12.2104

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).

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

XXX Revised Sheet No. 83

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

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	\$134,952.42 per MW per year
EL05-121	\$ 82.32 per MW per month
Public Service Electric and Gas ROE Refund	(\$ 404.92) per MW per month
FERC 680 & 715 Reallocation.....	\$ 0.00 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	\$ 47.03 per MW per month
Virginia Electric and Power Company	\$ 67.96 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	\$ 13.14 per MW per month
PPL Electric Utilities Corporation.....	\$ 218.37 per MW per month
American Electric Power Service Corporation	\$ 16.74 per MW per month
Atlantic City Electric Company.	\$ 8.83 per MW per month
Delmarva Power and Light Company.....	\$ 1.31 per MW per month
Potomac Electric Power Company.....	\$ 2.71 per MW per month
Baltimore Gas and Electric Company.....	\$ 6.49 per MW per month
Jersey Central Power and Light	\$ 66.32 per MW per month
Mid Atlantic Interstate Transmission.....	\$ 18.32 per MW per month
PECO Energy Company.....	\$ 16.82 per MW per month
Silver Run Electric, Inc.....	\$ 42.82 per MW per month
Northern Indiana Public Service Company	\$ 0.85 per MW per month
Commonwealth Edison Company	\$ 0.14 per MW per month
South First Energy Operating Company	\$ 0.57 per MW per month

Above rates converted to a charge per kW of Transmission Obligation, applicable in all months.....	\$ 11.4517
Charge including New Jersey Sales and Use Tax (SUT)	\$ 12.2104

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.

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.	PSE&G

Network Integration Service Calculation - BGS-RSCP
Attachment 2B NITS Charges for January 2021 - December 2021

PSE&G Annual Transmission Service Revenue Requirement	\$ 1,519,738,296.00
Total Schedule 12 TEC Included in above	\$ (544,221,479.00)
PSE&G Customer Share of Schedule 12 NITS	\$ 314,263,977.20
NITS Charges for Jan 2021 - Dec 2021	\$ 1,289,780,794.20
PSE&G Zonal Transmission Load for Effective Yr. (MW)	9,557.30
Term (Months)	12
OATT rate	\$ 11,246.04 /MW/month

all values show w/o NJ SUT

converted to \$/MW/yr = \$ 134,952.42 /MW/yr
 Resulting Change in Transmission Rate \$ (11,591.79) /MW/yr

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge								
in \$/MWh	\$ 46.257362	\$ 29.406535	\$ 116.321367	\$ -	\$ -	\$ 42.294275	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ 0.046257	\$ 0.029407	\$ 0.116321	\$ -	\$ -	\$ 0.042294	\$ -	\$ -

Line #				
1	Total BGS-RSCP Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	24,373,737 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,709,686 MWh	unrounded	= (2) * loss expansion factor to trans node
4	Change in Transmission Payment	\$ (80,501,513)	unrounded	= Change in Transmission rate * (1)
5	Change in Transmission Payment Rate	\$ (3.1312) /MWh	unrounded	= (4) / (3)
6	Change in Transmission Payment Rate	\$ (3.13) /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ (80,471,317)	unrounded	= (6) * (3)
8	Difference due to rounding	\$ 30,196	unrounded	= (7) - (4)

Transmission Charge Adjustment - BGS-RSCP

Attachment 2C PJM Schedule 12 - Transmission Enhancement Charges for January 2022 - December 2022
Calculation of costs and monthly PJM charges for PSE&G ROE Reduction

TEC Charges for January 2022 - December 2022	\$ (46,439,158)	
PSE&G Zonal Transmission Load for Effective Yr. (MW)	9,557.30	
Term (Months)	12	
OATT rate	\$ (404.92) /MW/month	all values show w/o NJ SUT
converted to \$/MW/yr =	\$ (4,859.04) /MW/yr	

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	4,459.7	19.4	66.0	0.0	0.0	2.9	0.0	0.0
Total Annual Energy - MWh	13,010,843.9	89,030.4	76,571.1	834.0	14.0	9,253.3	145,085.0	291,857.0
Energy Charge in \$/MWh	\$ (1.665523)	\$ (1.058799)	\$ (4.188218)	\$ -	\$ -	\$ (1.522830)	\$ -	\$ -
in \$/kWh - rounded to 6 places	\$ (0.001666)	\$ (0.001059)	\$ (0.004188)	\$ -	\$ -	\$ (0.001523)	\$ -	\$ -

Line #				
1	Total BGS-RSCP Trans Obl	6,944.7 MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	24,373,737 MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,709,686 MWh	unrounded	= (2) * loss expansion factor to trans node
4	Change in Transmission Payment	\$ (33,744,575)	unrounded	= Change in Transmission rate * (1)
5	Change in Transmission Payment Rate	\$ (1.3125) /MWh	unrounded	= (4) / (3)
6	Change in Transmission Payment Rate	\$ (1.31) /MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7	Proposed Total Transmission Payment	\$ (33,679,689)	unrounded	= (6) * (3)
8	Difference due to rounding	\$ 64,887	unrounded	= (7) - (4)

Attachment 3a (Pro-forma JCPL Tariff Sheets)

Attachment 3b (JCP&L Translation of PSE&G ROE Revised TEC into Customer Rates)

Attachment 3c (JCP&L Translation of PSE&G ROE Refund into Customer Rates)

BPU No. 13 ELECTRIC - PART III

XX Rev. Sheet No. 42

Superseding XX Rev. Sheet No. 42

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, 2021**, 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:

- VEPCO-TEC surcharge of **\$0.000285** per KWH
- PATH-TEC surcharge of **\$0.000062** per KWH
- AEP-East-TEC surcharge of **\$0.000066** per KWH
- MAIT-TEC surcharge of **\$0.000084** per KWH
- EL05-121-TEC surcharge of **\$0.000240** per KWH
- SRE-TEC surcharge of **\$0.000193** per KWH
- NIPSCO-TEC surcharge of **\$0.000002** per KWH

Effective **July 1, 2021**, the following TEC surcharge (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:

- SFC-TEC surcharge of **\$0.000003** per KWH

Effective **September 1, 2021**, 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:

- TRAILCO-TEC surcharge of **\$0.000229** per KWH
- ACE-TEC surcharge of **\$0.000099** per KWH
- PECO-TEC surcharge of **\$0.000059** per KWH
- Delmarva-TEC surcharge of **\$0.000005** per KWH
- PEPCO-TEC surcharge of **\$0.000013** per KWH
- PPL-TEC surcharge of **\$0.000851** per KWH
- BG&E-TEC surcharge of **\$0.000027** per KWH
- COMED-TEC surcharge of **\$0.000000** Per KWH

Effective **December 15, 2021**, the following TEC surcharge (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:

- EL18-680FM715-TEC surcharge of **\$0.000000** per KWH

Effective **January 1, 2022**, 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 **\$0.002640** per KWH
- PSEGROE-TEC surcharge of **(\$0.000061)** per KWH

3) BGS Reconciliation Charge per KWH: \$0.001036 (includes Sales and Use Tax as provided in Rider SUT)

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

Issued:

Effective:

Filed pursuant to Order of Board of Public Utilities

Docket No. _____ **dated** _____

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

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, 2021**, 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>VEPCO-TEC</u>	<u>PATH-TEC</u>	<u>AEP-East-TEC</u>	
GS and GST	\$0.000285	\$0.000062	\$0.000066	
GP	\$0.000168	\$0.000037	\$0.000039	
GT	\$0.000159	\$0.000035	\$0.000037	
GT – High Tension Service	\$0.000044	\$0.000010	\$0.000011	
	<u>MAIT-TEC</u>	<u>EL05-121-TEC</u>	<u>SRE-TEC</u>	<u>NIPSCO-TEC</u>
GS and GST	\$0.000084	\$0.000240	\$0.000193	\$0.000002
GP	\$0.000050	\$0.000142	\$0.000114	\$0.000001
GT	\$0.000047	\$0.000133	\$0.000108	\$0.000001
GT – High Tension Service	\$0.000013	\$0.000037	\$0.000030	\$0.000000

Effective **July 1, 2021**, the following TEC surcharge (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>SFC-TEC</u>
GS and GST	\$0.000003
GP	\$0.000002
GT	\$0.000002
GT – High Tension Service	\$0.000000

Effective **September 1, 2021**, 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>TRAILCO-TEC</u>	<u>ACE-TEC</u>	<u>PECO-TEC</u>	<u>Delmarva-TEC</u>
GS and GST	\$0.000229	\$0.000099	\$0.000059	\$0.000005
GP	\$0.000133	\$0.000058	\$0.000034	\$0.000003
GT	\$0.000125	\$0.000054	\$0.000032	\$0.000003
GT – High Tension Service	\$0.000035	\$0.000015	\$0.000009	\$0.000001
	<u>PEPCO-TEC</u>	<u>PPL-TEC</u>	<u>BG&E-TEC</u>	<u>COMED-TEC</u>
GS and GST	\$0.000013	\$0.000851	\$0.000027	\$0.000000
GP	\$0.000007	\$0.000494	\$0.000015	\$0.000000
GT	\$0.000006	\$0.000464	\$0.000014	\$0.000000
GT – High Tension Service	\$0.000002	\$0.000129	\$0.000004	\$0.000000

Effective **December 15, 2021**, the following TEC surcharge (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	<u>EL18-680Fm715-TEC</u>
GS and GST	\$0.000000
GP	\$0.000000
GT	\$0.000000
GT – High Tension Service	\$0.000000

Effective **January 1, 2022**, 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>PSEGROE-TEC</u>
GS and GST	\$0.002640	(\$0.000061)
GP	\$0.001580	(\$0.000036)
GT	\$0.001462	(\$0.000034)
GT – High Tension Service	\$0.000403	(\$0.000010)

4) BGS Reconciliation Charge per KWH: (\$0.002327) (includes Sales and Use Tax as provided in Rider SUT)

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

Issued:

Effective:

Filed pursuant to Order of Board of Public Utilities

Docket No. dated

Attachment 3b - JCP&L Translation of PSE&G ROE Revised TEC into BGS Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed PSEG Project Transmission Enhancement (PSEG- TEC Surcharge) effective January 1, 2022

To reflect FERC-approved PSE&G ROE Revised Project Transmission Enhancement (Schedule 12 PJM OATT) effective August 2021

2021 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone	\$3,831,943.33	(1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20	
PSEG-Transmission Enhancement Rate (\$/MW-month)	\$649.13	

Effective January 1, 2022:

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	PSEG-TEC Surcharge (\$/kWh)	PSEG-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	\$40,242,473	16,253,630,754	\$0.002476	\$0.002640
Primary	307.6	\$2,395,794	1,616,504,087	\$0.001482	\$0.001580
Transmission @ 34.5 kV	265.9	\$2,071,258	1,510,607,159	\$0.001371	\$0.001462
Transmission @ 230 kV	17.2	\$134,183	355,391,042	\$0.000378	\$0.000403
Total	5,756.9	\$44,843,708	19,736,133,041		

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

(2) Based on PSEG ROE Revised Project effective August 2021

(3) January 2022 through December 2022

BGS-RSCP Transmission 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	\$38,803,070 = Line 3 x \$649.13 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	\$2.37 = Line 4 / Line 2

Attachment 3c - JCP&L Translation of PSE&G ROE Refund into BGS Customer Rates (Riders RSCP and CIEP)

Jersey Central Power & Light Company

Proposed PSEG Project Transmission Enhancement ROE Refund (PSEG ROE-TEC Surcharge) effective January 1, 2022

To reflect FERC-approved PSE&G Project Transmission Enhancement ROE Refund (Schedule 12 PJM OATT) effective August 2021 - December 2021

2021 Average Monthly PSEG ROE-TEC Costs Allocated to JCP&L Zone	(\$88,934.16) (1)
2021 JCP&L Zone Transmission Peak Load (MW)	5,903.20
PSEG ROE Transmission Enhancement Rate (\$/MW-month)	(\$15.07)

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	Effective January 1, 2022:	
				PSEG ROE-TEC Surcharge (\$/kWh)	PSEG ROE-TEC Surcharge w/ SUT(\$/kWh)
Secondary (excluding lighting)	5,166.2	-\$933,973	16,253,630,754	(\$0.000057)	(\$0.000061)
Primary	307.6	-\$55,603	1,616,504,087	(\$0.000034)	(\$0.000036)
Transmission @ 34.5 kV	265.9	-\$48,071	1,510,607,159	(\$0.000032)	(\$0.000034)
Transmission @ 230 kV	17.2	-\$3,114	355,391,042	(\$0.000009)	(\$0.000010)
Total	5,756.9	-\$1,040,761	19,736,133,041		

(1) Allocation of PSEG ROE TEC Project Refund Schedule 12 Charges to JCP&L Zone for 2021

(2) Based on 5 months PSEG ROE TEC Project Refund from August 2021 through December 2021

(3) January 2022 through December 2022

BGS-RSCP Transmission 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 ROE-Transmission Enhancement Costs	(\$900,840) = Line 3 x \$-15.07 x 12
5	Change to Transmission Payment Rates \$/MWH (rounded to 2 decimals)	(\$0.06) = Line 4 / Line 2

Attachment 4a (ACE Pro-forma Tariff Sheets)

Attachment 4b (ACE Translation of PSE&G ROE Revised TEC into Customer Rates)

Attachment 4c (ACE Translations of PSE&G ROE Refund into Customer Rates)

ATLANTIC CITY ELECTRIC COMPANY**BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 60b****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-SEVC, 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 And MGS- SEVC</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/ CSL</u>	<u>DDC</u>
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PSE&G	0.003767	0.003133	0.002143	0.002188	0.001735	0.001285	-	0.001321
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000115	0.000095	0.000065	0.000066	0.000053	0.000039	-	0.000041
PECO	0.000211	0.000175	0.000119	0.000123	0.000097	0.000071	-	0.000074
Pepco	0.000021	0.000018	0.000013	0.000013	0.000010	0.000007	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000009	0.000007	0.000005	0.000005	0.000004	0.000003	-	0.000003
BG&E	0.000049	0.000041	0.000028	0.000029	0.000022	0.000017	-	0.000017
AEP-East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 & Form 715	-	-	-	-	-	-	-	-
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
PSEG ROE- TEC	(0.000112)	(0.000094)	(0.000064)	(0.000065)	(0.000052)	(0.000038)	-	(0.000039)
Total	0.005262	0.004281	0.003197	0.002992	0.002362	0.001812	-	0.001813

Date of Issue:
Issued by:

Effective Date:

Project Transmission Enhancement Charge - TEC Surcharge

Rate Class								
	<u>MGS Secondary &</u>							
	<u>RS</u>	<u>MGS-SEVC</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/CSL</u>	<u>DDC</u>
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PSE&G	0.004156	0.003025	0.003095	0.002098	0.001719	0.001439	-	0.001367
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000115	0.000095	0.000065	0.000066	0.000053	0.000039	-	0.000041
PECO	0.000211	0.000175	0.000119	0.000123	0.000097	0.000071	-	0.000074
Pepco	0.000021	0.000018	0.000013	0.000013	0.000010	0.000007	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000009	0.000007	0.000005	0.000005	0.000004	0.000003	-	0.000003
BG&E	0.000049	0.000041	0.000028	0.000029	0.000022	0.000017	-	0.000017
AEP - East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 and Form 715	-	-	-	-	-	-	-	-
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
Total Effective @ 12/15/2021	0.005763	0.004267	0.004213	0.002967	0.002398	0.002004	-	0.001898

	<u>MGS Secondary &</u>							
	<u>RS</u>	<u>MGS-SEVC</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/CSL</u>	<u>DDC</u>
VEPCo	0.000371	0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
TrAILCo	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PSE&G	0.003767	0.003133	0.002143	0.002188	0.001735	0.001285	-	0.001321
PATH	0.000077	0.000057	0.000062	0.000039	0.000031	0.000028	-	0.000025
PPL	0.000115	0.000095	0.000065	0.000066	0.000053	0.000039	-	0.000041
PECO	0.000211	0.000175	0.000119	0.000123	0.000097	0.000071	-	0.000074
Pepco	0.000021	0.000018	0.000013	0.000013	0.000010	0.000007	-	0.000007
MAIT	0.000034	0.000025	0.000027	0.000017	0.000014	0.000013	-	0.000011
JCP&L	0.000003	0.000002	0.000002	0.000001	0.000001	0.000001	-	0.000001
EL05-121	0.000019	0.000014	0.000016	0.000010	0.000007	0.000007	-	0.000006
Delmarva	0.000009	0.000007	0.000005	0.000005	0.000004	0.000003	-	0.000003
BG&E	0.000049	0.000041	0.000028	0.000029	0.000022	0.000017	-	0.000017
AEP - East	0.000075	0.000054	0.000059	0.000038	0.000029	0.000027	-	0.000023
Silver Run	0.000317	0.000230	0.000253	0.000162	0.000125	0.000115	-	0.000100
NIPSCO	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 and Form 715	-	-	-	-	-	-	-	-
SFC	0.000003	0.000003	0.000003	0.000002	0.000001	0.000001	-	0.000001
PSEG ROE-TEC	(0.000112)	(0.000094)	(0.000064)	(0.000065)	(0.000052)	(0.000038)	-	(0.000039)
Total Proposed Effective 1/1/2022	0.005262	0.004281	0.003197	0.002992	0.002362	0.001812	-	0.001813

Atlantic City Electric Company

Proposed PSE&G Projects Transmission Enhancement Charge (PSE&G-TEC Surcharge) effective January 1, 2022

To reflect FERC-approved PSE&G Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2022

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$ 2,004,538
	<u>\$ 2,004,538</u>
2021 ACE Zone Transmission Peak Load (MW)	2,635
Transmission Enhancement Rate (\$/MW)	\$ 760.88

Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (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	1,494	\$ 13,644,023	3,872,080,638	\$ 0.003524	\$ 0.003533	\$ 0.003767
MGS Secondary	382	\$ 3,484,845	1,189,523,609	\$ 0.002930	\$ 0.002938	\$ 0.003133
MGS Primary	7	\$ 63,464	31,647,294	\$ 0.002005	\$ 0.002010	\$ 0.002143
AGS Secondary	368	\$ 3,359,635	1,642,429,886	\$ 0.002046	\$ 0.002052	\$ 0.002188
AGS Primary	95	\$ 866,467	533,918,087	\$ 0.001623	\$ 0.001627	\$ 0.001735
TGS	127	\$ 1,163,070	967,494,791	\$ 0.001202	\$ 0.001205	\$ 0.001285
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ 17,596	14,241,464	\$ 0.001236	\$ 0.001239	\$ 0.001321
	<u>2,475</u>	<u>\$ 22,599,100</u>	<u>8,321,839,354</u>			

Atlantic City Electric Company

Proposed PSE&G Projects Transmission Enhancement Charge (PSE&G-TEC Surcharge) effective January 1, 2022

To reflect FERC-approved PSE&G ROE Refund Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2022

Transmission Enhancement Costs Allocated to ACE Zone (2021)	\$	(59,966)
	\$	(59,966)
2021 ACE Zone Transmission Peak Load (MW)		2,635
Transmission Enhancement Rate (\$/MW)	\$	(22.76)

Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales June 2021 - May 2022 (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	1,494	\$ (408,161)	3,872,080,638	\$ (0.000105)	\$ (0.000105)	\$ (0.000112)
MGS Secondary	382	\$ (104,249)	1,189,523,609	\$ (0.000088)	\$ (0.000088)	\$ (0.000094)
MGS Primary	7	\$ (1,899)	31,647,294	\$ (0.000060)	\$ (0.000060)	\$ (0.000064)
AGS Secondary	368	\$ (100,504)	1,642,429,886	\$ (0.000061)	\$ (0.000061)	\$ (0.000065)
AGS Primary	95	\$ (25,920)	533,918,087	\$ (0.000049)	\$ (0.000049)	\$ (0.000052)
TGS	127	\$ (34,793)	967,494,791	\$ (0.000036)	\$ (0.000036)	\$ (0.000038)
SPL/CSL	-	\$ -	70,503,585	\$ -	\$ -	\$ -
DDC	2	\$ (526)	14,241,464	\$ (0.000037)	\$ (0.000037)	\$ (0.000039)
	2,475	\$ (676,053)	8,321,839,354			

Attachment 5a (RECO Pro-forma Tariff Sheets)

Attachment 5b (RECO Translation of PSE&G ROE Revised TEC into Customer Rates)

Attachment 5c (RECO Translation of PSE&G ROE Refund into Customer Rates)

DRAFT

Revised Leaf No. 83
 Superseding Revised Leaf No. 83

**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) 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 @	1.445 ¢ per kWh	1.445 ¢ 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)

DRAFT

Revised Leaf No. 90
Superseding Revised Leaf No. 90

**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@	0.751 ¢ per kWh	0.751 ¢ per kWh
<u>Primary Voltage Service Only</u>		
All kWh@	0.886 ¢ per kWh	0.886 ¢ 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)

DRAFT

Revised Leaf No. 96
 Superseding Revised 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 @	1.171 ¢ per kWh	1.171 ¢ 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)

DRAFT

Revised Leaf No. 109
 Superseding Revised Leaf No. 109

**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 @	1.445 ¢ per kWh	1.445 ¢ 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)

DRAFT

Revised Leaf No. 124
 Superseding Revised Leaf No. 124

**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 @	0.543 ¢ per kWh	0.543 ¢ 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)

DRAFT

Revised Leaf No. 127
Superseding Revised Leaf No. 127

**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 0.543 ¢ 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)

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) currently in RECO's rates
- FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- 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) currently in RECO's rates
- FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT)
- FERC-approved TrAILCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved JCP&L Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved PECO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- 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 SFC Projects Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
- FERC-approved PSEG Projects Schedule 12 ROE TEC rates (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	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	0.00001	0.00002	0.00002	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00007	0.00004	0.00005	0.00005	0.00000	0.00007	0.00000	0.00002
BG&E - TEC	(4)	0.00003	0.00001	0.00001	0.00002	0.00000	0.00003	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00005	0.00003	0.00003	0.00004	0.00000	0.00005	0.00000	0.00002
PEPCO - TEC	(7)	0.00001	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00096	0.00049	0.00052	0.00074	0.00000	0.00096	0.00000	0.00031
PSE&G - TEC	(9)	0.01137	0.00583	0.00705	0.00932	0.00000	0.01137	0.00000	0.00443
TrAILCo - TEC	(10)	0.00021	0.00011	0.00011	0.00016	0.00000	0.00021	0.00000	0.00002
VEPCo - TEC	(11)	0.00028	0.00018	0.00019	0.00022	0.00000	0.00028	0.00000	0.00008
MAIT -TEC	(12)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
JCP&L -TEC	(13)	0.00030	0.00015	0.00016	0.00023	0.00000	0.00030	0.00000	0.00010
PECO -TEC	(14)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
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	0.00020	0.00021	0.00024	0.00000	0.00032	0.00000	0.00009
Silver RunTEC	(17)	0.00013	0.00008	0.00009	0.00010	0.00000	0.00013	0.00000	0.00004
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SFC TEC	(19)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PSE&G ROE-TEC	(20)	(0.00032)	(0.00016)	(0.00020)	(0.00026)	0.00000	(0.00032)	0.00000	(0.00012)
Total (\$/kWh and excl SUT)		\$0.01358	\$0.00705	\$0.00832	\$0.01099	\$0.00000	\$0.01358	\$0.00000	\$0.00510
Total (¢/kWh and excl SUT)		1.358 ¢	0.705 ¢	0.832 ¢	1.099 ¢	0.000 ¢	1.358 ¢	0.000 ¢	0.510 ¢

(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	0.00001	0.00002	0.00002	0.00000	0.00003	0.00000	0.00001
AEP-East - TEC	(3)	0.00007	0.00004	0.00005	0.00005	0.00000	0.00007	0.00000	0.00002
BG&E - TEC	(4)	0.00003	0.00001	0.00001	0.00002	0.00000	0.00003	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00005	0.00003	0.00003	0.00004	0.00000	0.00005	0.00000	0.00002
PEPCO - TEC	(7)	0.00001	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00102	0.00052	0.00055	0.00079	0.00000	0.00102	0.00000	0.00033
PSE&G - TEC	(9)	0.01212	0.00622	0.00752	0.00994	0.00000	0.01212	0.00000	0.00472
TrAILCo - TEC	(10)	0.00022	0.00012	0.00012	0.00017	0.00000	0.00022	0.00000	0.00007
VEPCo - TEC	(11)	0.00030	0.00019	0.00020	0.00023	0.00000	0.00030	0.00000	0.00009
MAIT -TEC	(12)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
JCP&L -TEC	(13)	0.00032	0.00016	0.00017	0.00025	0.00000	0.00032	0.00000	0.00011
PECO -TEC	(14)	0.00007	0.00004	0.00004	0.00005	0.00000	0.00007	0.00000	0.00002
CW Edison-TEC	(15)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
EL05-121	(16)	0.00034	0.00021	0.00022	0.00026	0.00000	0.00034	0.00000	0.00010
Silver Run TEC	(17)	0.00014	0.00009	0.00010	0.00011	0.00000	0.00014	0.00000	0.00004
NIPSCO TEC	(18)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
SFC -TEC	(19)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PSE&G ROE - TEC	(20)	(0.00034)	(0.00017)	(0.00021)	(0.00028)	0.00000	(0.00034)	0.00000	(0.00013)
Total (\$/kWh and incl SUT)		\$0.01445	\$0.00751	\$0.00886	\$0.01171	\$0.00000	\$0.01445	\$0.00000	\$0.00543
Total (¢/kWh and incl SUT)		1.445 ¢	0.751 ¢	0.886 ¢	1.171 ¢	0.000 ¢	1.445 ¢	0.000 ¢	0.543 ¢

Notes:

- (1) RMR rates based on allocation by transmission zone.
- (2) ACE-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (3) AEP-East-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (4) BG&E-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (5) Delmarva-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (6) PATH-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (7) PEPCO-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (8) PPL-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (9) PSE&G-TEC rates calculated in attachment 5b.
- (10) TrAILCo-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (11) VEPCo-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (12) MAIT-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (13) JCP&L-TEC rates pursuant to the Board's Order dated June 24, 2021 in Docket No. EO21040730.
- (14) PECO-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (15) CW Edison-TEC rates pursuant to the Board's Order dated August 18, 2021 in Docket No. ER21060945.
- (16) EL05-121 rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (17) Silver Run-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (18) NIPSCO-TEC rates pursuant to the Board's Order dated January 27, 2021 in Docket No. ER20120754.
- (19) SFC rates pursuant to the Board's Order dated June 24, 2021 in Docket No. EO21040730.
- (20) PSE&G ROE-TEC rates calculated in attachment 5c.

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2022
To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) effective January 1, 2022

2021 Average Monthly PSE&G-TEC Costs Allocated to RECO	\$	990,662	(1)
2021 RECO Zone Transmission Peak Load (MW)		446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	2,219.35	
SUT		6.625%	

Rate Class	Col. 1 BGS-Eligible Transmission Obligation (MW)	Col. 2 Transmission Obligation (Pct)	Col.3=Col.2 x \$990,662 x 12 Allocated Cost Recovery (1)	Col. 4 BGS Eligible Sales January 2022 - December 2022 (kWh)	Col. 5 = Col. 3/Col. 4 Transmission Enhancement Charge (\$/kWh)	Col. 6 = Col. 5 x 1.07 Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ 7,682,947	675,493,000	\$ 0.01137	\$ 0.01212
SC2 Secondary	106.7	23.91%	\$ 2,842,416	487,154,000	\$ 0.00583	\$ 0.00622
SC2 Primary	14.8	3.31%	\$ 393,713	55,844,000	\$ 0.00705	\$ 0.00752
SC3	0.1	0.03%	\$ 3,103	333,000	\$ 0.00932	\$ 0.00994
SC4	0.0	0.00%	\$ -	6,629,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,320,000	\$ -	\$ -
SC7	36.3	8.12%	\$ 965,771	217,901,000	\$ 0.00443	\$ 0.00472
Total	446.4 (2)	100.00%	\$ 11,887,950	1,448,674,000		

(1) Attachment 6a - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for the period January 2022 - December 2022

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,176,696	MWH
2	BGS-RSCP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,093,634	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 10,922,182.61	= Line 3 x \$2219.35 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 9.99	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2022
To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) effective January 1, 2022

2021 Average Monthly PSE&G-TEC Costs Allocated to RECO	\$	(27,770)	(1)
2021 RECO Zone Transmission Peak Load (MW)		446.4	(2)
Transmission Enhancement Rate (\$/MW-month)	\$	(62.21)	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x \$-27,770 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 January 2022 - December 2022 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1/SC5	288.5	64.63%	\$ (215,365)	675,493,000	\$ (0.00032)	\$ (0.00034)
SC2 Secondary	106.7	23.91%	\$ (79,677)	487,154,000	\$ (0.00016)	\$ (0.00017)
SC2 Primary	14.8	3.31%	\$ (11,036)	55,844,000	\$ (0.00020)	\$ (0.00021)
SC3	0.1	0.03%	\$ (87)	333,000	\$ (0.00026)	\$ (0.00028)
SC4	0.0	0.00%	\$ -	6,629,000	\$ -	\$ -
SC6	0.0	0.00%	\$ -	5,320,000	\$ -	\$ -
SC7	36.3	8.12%	\$ (27,072)	217,901,000	\$ (0.00012)	\$ (0.00013)
Total	446.4 (2)	100.00%	\$ (333,237)	1,448,674,000		

(1) Attachment 6a - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for the period January 2022 - December 2022

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,176,696	MWH
2	BGS-RSCP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,093,634	MWH
3	BGS-RSCP Eligible Transmission Obligation	410	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ (306,156.75)	= Line 3 x \$-62.21 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ (0.28)	= Line 4/Line 2

Attachment 6a (PSE&G ROE Revised Transmission Enhancement Charges)
Attachment 6b (PSE&G Current Transmission Enhancement Charges)
Attachment 6c (PSE&G ROE Refund Amounts)

	(a) Required Transmission Enhancement <i>per PJM website</i>	(b) PJM Upgrade ID <i>per PJM spreadsheet</i>	(c) Jan - Dec 2021 Annual Revenue Requirement <i>per PJM website</i>	(d) Responsible Customers - Schedule 12 Appendix				(e) Estimated New Jersey EDC Zone Charges by Project				
				(f) ACE Zone Share <i>per PJM Open Access Transmission Tariff</i>	(g) JCP&L Zone Share	(h) PSE&G Zone Share _{1,2}	(i) RE Zone Share	(f) ACE Zone Charges	(g) JCP&L Zone Charges	(h) PSE&G Zone Charges	(i) RE Zone Charges	(j) Total NJ Zones Charges
Replace all derated Branchburg 500/230 kV transformers	b0130	\$ 1,682,671.00	1.36%	47.76%	50.88%	0.00%	\$22,884	\$803,644	\$856,143	\$0	\$1,682,671	
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 688,209.00	0.00%	51.11%	45.96%	2.93%	\$0	\$351,744	\$316,301	\$20,165	\$688,209	
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 7,373,078.00	0.00%	73.45%	21.78%	4.77%	\$0	\$5,415,526	\$1,605,856	\$351,696	\$7,373,078	
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 1,868,638.00	47.01%	7.04%	22.31%	0.00%	\$878,447	\$131,552	\$416,893	\$0	\$1,426,892	
Install 230-138kV transformer at Metuchen substation	b0161	\$ 2,293,211.00	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$2,288,625	\$4,586	\$2,293,211	
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 1,402,217.00	1.72%	25.94%	59.59%	0.00%	\$24,118	\$363,735	\$835,581	\$0	\$1,223,434	
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 612,660.00	0.00%	42.95%	38.36%	0.79%	\$0	\$263,137	\$235,016	\$4,840	\$502,994	
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 1,201.00	1.71%	3.84%	6.21%	0.26%	\$21	\$46	\$75	\$3	\$144	
Replace wave trap at Branchburg 500kV substation	b0172.2_dfax	\$ 1,201.00	8.09%	32.99%	51.49%	2.05%	\$97	\$396	\$618	\$25	\$1,136	
Branchburg 400 MVAR Capacitor	b0290	\$ 3,670,135.50	1.71%	3.84%	6.21%	0.26%	\$62,759	\$140,933	\$227,915	\$9,542	\$441,150	
Branchburg 400 MVAR Capacitor	b0290_dfax	\$ 3,670,135.50	8.09%	32.99%	51.49%	2.05%	\$296,914	\$1,210,778	\$1,889,753	\$75,238	\$3,472,682	
Inst Conemaugh 250 MVAR Cap	b0376	\$ 57,279.50	1.71%	3.84%	6.21%	0.26%	\$979	\$2,200	\$3,557	\$149	\$6,885	
Inst Conemaugh 250 MVAR Cap	b0376_dfax	\$ 57,279.50	5.58%	18.24%	25.07%	1.00%	\$3,196	\$10,448	\$14,360	\$573	\$28,577	
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 1,377,357.00	0.00%	0.00%	94.41%	3.53%	\$0	\$0	\$1,300,363	\$48,621	\$1,348,983	
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 38,481,068.50	1.71%	3.84%	6.21%	0.26%	\$658,026	\$1,477,673	\$2,389,674	\$100,051	\$4,625,424	
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489_dfax	\$ 38,481,068.50	0.00%	39.48%	54.33%	2.16%	\$0	\$15,192,326	\$20,906,765	\$831,191	\$36,930,281	
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	\$ 4,264,150.00	5.09%	32.73%	40.71%	1.52%	\$217,045	\$1,395,656	\$1,735,935	\$64,815	\$3,413,452	
Susquehanna Roseland Breakers (In-Service)	b0489.5	\$ 289,772.00	1.71%	3.84%	6.21%	0.26%	\$4,955	\$11,127	\$17,995	\$753	\$34,831	
Susquehanna Roseland Breakers (In-Service)	b0489.5_dfax	\$ 289,772.00	0.00%	39.48%	54.33%	2.16%	\$0	\$114,402	\$157,433	\$6,259	\$278,094	
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 1,188,768.50	1.71%	3.84%	6.21%	0.26%	\$20,328	\$45,649	\$73,823	\$3,091	\$142,890	

	(a) Required Transmission Enhancement <i>per PJM website</i>	(b) PJM Upgrade ID <i>per PJM spreadsheet</i>	(c) Jan - Dec 2021 Annual Revenue Requirement <i>per PJM website</i>	(d) Responsible Customers - Schedule 12 Appendix				(e) Estimated New Jersey EDC Zone Charges by Project				
				(f) ACE Zone Share	(g) JCP&L Zone Share	(h) PSE&G Zone Share1,2	(i) RE Zone Share	(j) ACE Zone Charges	(k) JCP&L Zone Charges	(l) PSE&G Zone Charges	(m) RE Zone Charges	(n) Total NJ Zones Charges
Loop the 5021 circuit into New Freedom 500 kV substation	b0498_dfax	\$ 1,188,768.50	13.46%	25.00%	39.30%	1.56%	\$160,008	\$297,192	\$467,186	\$18,545	\$942,931	
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 1,780,681.00	0.00%	36.35%	43.24%	1.61%	\$0	\$647,278	\$769,966	\$28,669	\$1,445,913	
Somerville -Bridgewater Reconductor	b0668	\$ 614,328.00	0.00%	39.41%	38.76%	1.45%	\$0	\$242,107	\$238,114	\$8,908	\$489,128	
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 846,760.00	0.00%	9.92%	83.73%	3.12%	\$0	\$83,999	\$708,992	\$26,419	\$819,410	
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 4,441,276.00	0.00%	23.49%	67.03%	2.50%	\$0	\$1,043,256	\$2,976,987	\$111,032	\$4,131,275	
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 1,928,054.00	0.00%	29.01%	64.85%	2.53%	\$0	\$559,328	\$1,250,343	\$48,780	\$1,858,451	
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,001,664.00	0.00%	29.18%	64.68%	2.53%	\$0	\$584,086	\$1,294,676	\$50,642	\$1,929,404	
West Orange Conversion (North Central Reliability)	b1154	\$ 36,192,023.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$34,809,488	\$1,382,535	\$36,192,023	
Branchburg-Middlesex Sw Rack Conversion	b1155	\$ 6,198,186.00	0.00%	4.61%	91.75%	3.64%	\$0	\$285,736	\$5,686,836	\$225,614	\$6,198,186	
Reconf Kearny Loop in P2216	b1156	\$ 35,258,485.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$33,911,611	\$1,346,874	\$35,258,485	
230kV Lawrence Switching Station Upgrade	b1589	\$ 2,365,108.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,456,670	\$58,182	\$1,514,852	
Ridge Rd 69kV Breaker Station	b1228	\$ 2,129,061.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,040,279	\$81,117	\$2,121,396	
	b1255	\$ 4,651,527.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$4,473,839	\$177,688	\$4,651,527	
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 64,745,911.00	0.23%	1.17%	70.16%	2.78%	\$148,916	\$757,527	\$45,425,731	\$1,799,936	\$48,132,110	
Mickleton-Gloucester-Camden	b1398	\$ 44,636,964.00	0.00%	12.82%	31.46%	1.25%	\$0	\$5,722,459	\$14,042,789	\$557,962	\$20,323,210	
Aldene-Springfield Rd. Conv	b1399	\$ 7,275,460.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$6,997,537	\$277,923	\$7,275,460	
Replace Salem 500 kV breakers	b1410-b1415	\$ 775,964.00	1.71%	3.84%	6.21%	0.26%	\$13,269	\$29,797	\$48,187	\$2,018	\$93,271	
Replace Salem 500 kV breakers	b1410-b1415_dfax	\$ 775,964.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$746,245	\$29,719	\$775,964	
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,230,919.00	0.00%	10.31%	54.17%	2.16%	\$0	\$126,908	\$666,789	\$26,588	\$820,284	
Upgrade Camden Richmon 230kV New Cox's Corner-Lumberton 230kV Circuit	b1590	\$ 1,138,377.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Build Mickleton-Gloucester Corridor Ultimate Design	b1787	\$ 3,294,000.00	4.96%	44.20%	48.08%	1.92%	\$163,382	\$1,455,948	\$1,583,755	\$63,245	\$3,266,330	
Reconfigure Brunswick New 69kV	b2139	\$ 2,024,118.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,236,939	\$49,388	\$1,286,327	
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2146	\$ 18,043,228.00	0.00%	0.00%	96.16%	3.84%	\$0	\$0	\$17,350,368	\$692,860	\$18,043,228	
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10_dfax	\$ 9,307,663.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$9,307,663	\$0	\$9,307,663	
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.10	\$ 9,307,663.00	1.71%	3.84%	6.21%	0.26%	\$159,161	\$357,414	\$578,006	\$24,200	\$1,118,781	
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21_dfax	\$ 3,630,827.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$3,630,827	\$0	\$3,630,827	
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 3,630,827.00	1.71%	3.84%	6.21%	0.26%	\$62,087	\$139,424	\$225,474	\$9,440	\$436,425	
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22_dfax	\$ 2,684,090.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$2,581,289	\$102,801	\$2,684,090	
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 2,684,090.00	1.71%	3.84%	6.21%	0.26%	\$45,898	\$103,069	\$166,682	\$6,979	\$322,628	

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2021 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 Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4	\$ 1,868,157.00	1.71%	3.84%	6.21%	0.26%	\$31,945	\$71,737	\$116,013	\$4,857	\$224,552
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4_dfax	\$ 1,868,157.00	8.01%	13.85%	20.79%	0.62%	\$149,639	\$258,740	\$388,390	\$11,583	\$808,352
New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	b2633.5	\$ 6,520,417.00	8.01%	13.85%	20.79%	0.62%	\$522,285	\$903,078	\$1,355,595	\$40,427	\$2,821,384
Rebuild Aldene-Warinanco-Linden VFT 230kV Circuit	b2955	\$ 10,989,261.00	0.00%	43.23%	51.19%	2.04%	\$0	\$4,750,658	\$5,625,403	\$224,181	\$10,600,241
Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	b2436.33	\$ 16,412,906.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$15,784,292	\$628,614	\$16,412,906
Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	b2436.34	\$ 13,893,408.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$13,361,290	\$532,118	\$13,893,408
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	b2436.60	\$ 3,953,210.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,801,802	\$151,408	\$3,953,210
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81_dfax	\$ 3,251,507.50	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,126,975	\$124,533	\$3,251,508
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81	\$ 3,251,507.50	1.71%	3.84%	6.21%	0.26%	\$55,601	\$124,858	\$201,919	\$8,454	\$390,831
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83_dfax	\$ 3,251,507.50	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,126,975	\$124,533	\$3,251,508
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83	\$ 3,251,507.50	1.71%	3.84%	6.21%	0.26%	\$55,601	\$124,858	\$201,919	\$8,454	\$390,831
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84_dfax	\$ 3,230,184.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,106,468	\$123,716	\$3,230,184
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$ 3,230,184.00	1.71%	3.84%	6.21%	0.26%	\$55,236	\$124,039	\$200,594	\$8,398	\$388,268
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85_dfax	\$ 3,154,423.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,033,609	\$120,814	\$3,154,423
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	\$ 3,154,423.00	1.71%	3.84%	6.21%	0.26%	\$53,941	\$121,130	\$195,890	\$8,201	\$379,162
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90_dfax	\$ 1,601,333.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,601,333	\$0	\$1,601,333
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 1,601,333.00	1.71%	3.84%	6.21%	0.26%	\$27,383	\$61,491	\$99,443	\$4,163	\$192,480
New Linden 345/230 kV transformer and any associated substation upgrades	b2437.30	\$ 5,081,454.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$4,886,834	\$194,620	\$5,081,454
Install two 175 MVAR Re at Hptcg	b2702_dfax	\$ 1,205,196.50	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,205,197	\$0	\$1,205,197

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2021 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 Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
	Allocation for New Jersey Zones	Impact on Zone Customers in 2021	2021 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	Impact (12 months)						
	PSE&G	\$ 26,188,664.77	9,557.3	\$ 2,740.17	\$ 314,263,977						
	JCP&L	\$ 3,831,943.33	5,903.2	\$ 649.13	\$ 45,983,320						
	ACE	\$ 2,004,538.25	2,634.5	\$ 760.88	\$ 24,054,459						
	RE	\$ 990,662.49	397.5	\$ 2,492.23	\$ 11,887,950						
	Total Impact on NJ Zones	\$ 33,015,808.83	18,492.5		\$ 396,189,706						

Notes on calculations >>>

= (k) / (l) = (k) *12

Notes:

- 1) Uncompressed rate - assumes implementation on January 1, 2021
- 2) Data on PJM website

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
	Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2021 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 Share ^{1,2}	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 kava transformers	b0130	\$ 1,792,195.00	1.36%	47.76%	50.88%	0.00%	\$24,374	\$855,952	\$911,869	\$0	\$1,792,195
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 733,602.00	0.00%	51.11%	45.96%	2.93%	\$0	\$374,944	\$337,163	\$21,495	\$733,602
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 7,859,349.00	0.00%	73.45%	21.78%	4.77%	\$0	\$5,772,692	\$1,711,766	\$374,891	\$7,859,349
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 1,991,280.00	47.01%	7.04%	22.31%	0.00%	\$936,101	\$140,186	\$444,255	\$0	\$1,520,541
Install 230-138kV transformer at Metuchen substation	b0161	\$ 2,447,158.00	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$2,442,264	\$4,894	\$2,447,158
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 1,496,253.00	1.72%	25.94%	59.59%	0.00%	\$25,736	\$388,128	\$891,617	\$0	\$1,305,481
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 653,554.00	0.00%	42.95%	38.36%	0.79%	\$0	\$280,701	\$250,703	\$5,163	\$536,568
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 1,280.50	1.71%	3.84%	6.21%	0.26%	\$22	\$49	\$80	\$3	\$154
Replace wave trap at Branchburg 500kV substation	b0172.2_dfax	\$ 1,280.50	8.09%	32.99%	51.49%	2.05%	\$104	\$422	\$659	\$26	\$1,212
Branchburg 400 MVAR Capacitor	b0290	\$ 3,922,718.50	1.71%	3.84%	6.21%	0.26%	\$67,078	\$150,632	\$243,601	\$10,199	\$471,511
Branchburg 400 MVAR Capacitor	b0290_dfax	\$ 3,922,718.50	8.09%	32.99%	51.49%	2.05%	\$317,348	\$1,294,105	\$2,019,808	\$80,416	\$3,711,676
Inst Conemaugh 250 MVAR Cap	b0376	\$ 61,314.00	1.71%	3.84%	6.21%	0.26%	\$1,048	\$2,354	\$3,808	\$159	\$7,370
Inst Conemaugh 250 MVAR Cap	b0376_dfax	\$ 61,314.00	5.58%	18.24%	25.07%	1.00%	\$3,421	\$11,184	\$15,371	\$613	\$30,590
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 1,472,013.00	0.00%	0.00%	94.41%	3.53%	\$0	\$0	\$1,389,727	\$51,962	\$1,441,690
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 40,992,943.50	1.71%	3.84%	6.21%	0.26%	\$700,979	\$1,574,129	\$2,545,662	\$106,582	\$4,927,352
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489_dfax	\$ 40,992,943.50	0.00%	39.48%	54.33%	2.16%	\$0	\$16,184,014	\$22,271,466	\$885,448	\$39,340,928
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	\$ 4,541,326.00	5.09%	32.73%	40.71%	1.52%	\$231,153	\$1,486,376	\$1,848,774	\$69,028	\$3,635,331
Susquehanna Roseland Breakers (In-Service)	b0489.5	\$ 308,258.50	1.71%	3.84%	6.21%	0.26%	\$5,271	\$11,837	\$19,143	\$801	\$37,053
Susquehanna Roseland Breakers (In-Service)	b0489.5_dfax	\$ 308,258.50	0.00%	39.48%	54.33%	2.16%	\$0	\$121,700	\$167,477	\$6,658	\$295,836
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 1,268,127.50	1.71%	3.84%	6.21%	0.26%	\$21,685	\$48,696	\$78,751	\$3,297	\$152,429

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
											Responsible Customers - Schedule 12 Appendix
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2021 Annual Revenue Requirement <i>per PJM website</i>	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share _{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Loop the 5021 circuit into New Freedom 500 kV substation	b0498_dfax	\$ 1,268,127.50	13.46%	25.00%	39.30%	1.56%	\$170,690	\$317,032	\$498,374	\$19,783	\$1,005,879
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 1,902,963.00	0.00%	36.35%	43.24%	1.61%	\$0	\$691,727	\$822,841	\$30,638	\$1,545,206
Somerville -Bridgewater Reconductor	b0668	\$ 656,622.00	0.00%	39.41%	38.76%	1.45%	\$0	\$258,775	\$254,507	\$9,521	\$522,802
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 904,290.00	0.00%	9.92%	83.73%	3.12%	\$0	\$89,706	\$757,162	\$28,214	\$875,081
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 2,405,850.00	0.00%	23.49%	67.03%	2.50%	\$0	\$565,134	\$1,612,641	\$60,146	\$2,237,922
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 2,059,544.00	0.00%	29.01%	64.85%	2.53%	\$0	\$597,474	\$1,335,614	\$52,106	\$1,985,194
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,138,829.00	0.00%	29.18%	64.68%	2.53%	\$0	\$624,110	\$1,383,395	\$54,112	\$2,061,617
West Orange Conversion (North Central Reliability)	b1154	\$ 38,698,829.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$37,220,534	\$1,478,295	\$38,698,829
Branchburg-Middlesex Sw Rack Conversion	b1155	\$ 6,629,733.00	0.00%	4.61%	91.75%	3.64%	\$0	\$305,631	\$6,082,780	\$241,322	\$6,629,733
Reconf Kearny Loop in P2216	b1156	\$ 37,708,166.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$36,267,714	\$1,440,452	\$37,708,166
230kV Lawrence Switching Station Upgrade	b1589	\$ 2,536,461.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,562,206	\$62,397	\$1,624,603
Ridge Rd 69kV Breaker Station	b1228	\$ 2,276,611.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,181,676	\$86,739	\$2,268,415
	b1255	\$ 4,979,816.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$4,789,587	\$190,229	\$4,979,816
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 69,228,973.00	0.23%	1.17%	70.16%	2.78%	\$159,227	\$809,979	\$48,571,047	\$1,924,565	\$51,464,819
Mickleton-Gloucester-Camden	b1398	\$ 47,766,219.00	0.00%	12.82%	31.46%	1.25%	\$0	\$6,123,629	\$15,027,252	\$597,078	\$21,747,960
Aldene-Springfield Rd. Conv	b1399	\$ 7,783,761.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$7,486,421	\$297,340	\$7,783,761
Replace Salem 500 kV breakers	b1410-b1415	\$ 841,178.00	1.71%	3.84%	6.21%	0.26%	\$14,384	\$32,301	\$52,237	\$2,187	\$101,110
Replace Salem 500 kV breakers	b1410-b1415_dfax	\$ 841,178.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$808,961	\$32,217	\$841,178
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,317,127.00	0.00%	10.31%	54.17%	2.16%	\$0	\$135,796	\$713,488	\$28,450	\$877,733
Upgrade Camden Richmon New Cox's Corner-Lumberton 230kV Circuit	b1590	\$ 1,217,983.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Build Mickleton-Gloucester Corridor Ultimate Design	b1787	\$ 3,525,655.00	4.96%	44.20%	48.08%	1.92%	\$174,872	\$1,558,340	\$1,695,135	\$67,693	\$3,496,039
Reconfigure Brunswick New 69kV	b2139	\$ 2,163,362.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,322,031	\$52,786	\$1,374,817
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2146	\$ 19,224,371.00	0.00%	0.00%	96.16%	3.84%	\$0	\$0	\$18,486,155	\$738,216	\$19,224,371
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10_dfax	\$ 9,971,441.50	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$9,971,442	\$0	\$9,971,442
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.10	\$ 9,971,441.50	1.71%	3.84%	6.21%	0.26%	\$170,512	\$382,903	\$619,227	\$25,926	\$1,198,567
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21_dfax	\$ 3,876,431.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$3,876,431	\$0	\$3,876,431
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 3,876,431.00	1.71%	3.84%	6.21%	0.26%	\$66,287	\$148,855	\$240,726	\$10,079	\$465,947
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22_dfax	\$ 2,865,744.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$2,755,986	\$109,758	\$2,865,744
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 2,865,744.00	1.71%	3.84%	6.21%	0.26%	\$49,004	\$110,045	\$177,963	\$7,451	\$344,462

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2021 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 Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4	\$ 2,004,378.00	1.71%	3.84%	6.21%	0.26%	\$34,275	\$76,968	\$124,472	\$5,211	\$240,926
New 500 kV bay at Hope Creek (Expansion of Hope Creek sub)	b2633.4_dfax	\$ 2,004,378.00	8.01%	13.85%	20.79%	0.62%	\$160,551	\$277,606	\$416,710	\$12,427	\$867,294
New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	b2633.5	\$ 6,995,758.00	8.01%	13.85%	20.79%	0.62%	\$560,360	\$968,912	\$1,454,418	\$43,374	\$3,027,064
Rebuild Aldene-Warinanco-Linden VFT 230kV Circuit	b2955	\$ 11,789,355.00	0.00%	43.23%	51.19%	2.04%	\$0	\$5,096,538	\$6,034,971	\$240,503	\$11,372,012
Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	b2436.33	\$ 18,246,726.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$17,547,876	\$698,850	\$18,246,726
Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	b2436.34	\$ 14,607,545.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$14,048,076	\$559,469	\$14,607,545
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	b2436.60	\$ 4,959,375.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$4,769,431	\$189,944	\$4,959,375
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81_dfax	\$ 3,447,733.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,315,685	\$132,048	\$3,447,733
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81	\$ 3,447,733.00	1.71%	3.84%	6.21%	0.26%	\$58,956	\$132,393	\$214,104	\$8,964	\$414,418
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83_dfax	\$ 3,447,733.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,315,685	\$132,048	\$3,447,733
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83	\$ 3,447,733.00	1.71%	3.84%	6.21%	0.26%	\$58,956	\$132,393	\$214,104	\$8,964	\$414,418
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84_dfax	\$ 3,417,500.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,286,610	\$130,890	\$3,417,500
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$ 3,417,500.00	1.71%	3.84%	6.21%	0.26%	\$58,439	\$131,232	\$212,227	\$8,886	\$410,784
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85_dfax	\$ 3,419,871.50	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$3,288,890	\$130,981	\$3,419,872
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	\$ 3,419,871.50	1.71%	3.84%	6.21%	0.26%	\$58,480	\$131,323	\$212,374	\$8,892	\$411,069
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90_dfax	\$ 1,718,216.50	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,718,217	\$0	\$1,718,217
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 1,718,216.50	1.71%	3.84%	6.21%	0.26%	\$29,382	\$65,980	\$106,701	\$4,467	\$206,530
New Linden 345/230 kV transformer and any associated substation upgrades	b2437.30	\$ 5,282,609.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$5,080,285	\$202,324	\$5,282,609
Install two 175 MVAR Re at Hptcg	b2702_dfax	\$ 1,291,665.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,291,665	\$0	\$1,291,665

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
										Responsible Customers - Schedule 12 Appendix	
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2021 Annual Revenue Requirement per PJM website	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
	Allocation for New Jersey Zones	Impact on Zone Customers in 2021	2021 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	Impact (12 months)						
	PSE&G	\$ 27,947,539.91	9,557.3	\$ 2,924.21	\$ 335,370,479						
	JCP&L	\$ 4,045,385.32	5,903.2	\$ 685.29	\$ 48,544,624						
	ACE	\$ 2,148,456.25	2,634.5	\$ 815.51	\$ 25,781,475						
	RE	\$ 1,057,309.91	397.5	\$ 2,659.90	\$ 12,687,719						
	Total Impact on NJ Zones	\$ 35,198,691.39	18,492.5		\$ 422,384,297						

Notes on calculations >>>

= (k) / (l) = (k) *12

Notes:

- 1) Uncompressed rate - assumes implementation on January 1, 2021
- 2) Data on PJM website

Attachment 6c Refunds of PSE&G Network Integration Service Calculation Annualized Savings

PS TEC Refunds to Other EDCs

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2021 through December 31, 2021

Line #	Description	Rate	Source
(1)	Transmission Service Annual Revenue Requirement	\$ (125,930,600.00)	Attachment 1 Net Reduction
(2)	Total Schedule 12 TEC Included in above	\$ 36,250,875.00	Attachment 1 Net Reduction
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ (21,106,501.74)	Attachment 1 Net Reduction
(4)	Total Transmission Costs Borne by PSE&G customers	\$ (110,786,226.74)	=(1) +(2) +(3)
(5)	2021 PSE&G Network Service Peak	9,557.3 MW	Attachment 1 Net Reduction
(6)	2021 Derived Network Integration Transmission Service Rate	\$ (11,591.79) per MW-year	Attachment 1 Net Reduction
	Resulting 2021 BGS Firm Transmission Service Supplier Rate	\$ (31.76) per MW-day	= (6)/365

ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
------------------	--------------------	--------------------	-----------------	------------------------

Original
Revised

\$25,781,475	\$48,544,624	\$335,370,479	\$12,687,719	\$422,384,297
\$24,054,459	\$45,983,320	\$314,263,977	\$11,887,950	\$396,189,706

Per Month

(\$1,727,016)	(\$2,561,304)	(\$21,106,502)	(\$799,769)	(\$26,194,591)
(\$143,918)	(\$213,442)	(\$1,758,875)	(\$66,647)	(\$2,182,883)

Net 2021 NITS/TEC Refunds to PSE&G Customers:

	\$	Days	
August	(9,409,241.2)	31	Line (4) * Days/365
September	(9,105,717.3)	30	Line (4) * Days/365
October	(9,409,241.2)	31	Line (4) * Days/365
November	(9,105,717.3)	30	Line (4) * Days/365
December	(9,409,241.2)	31	Line (4) * Days/365
TOTAL	(46,439,158.1)	153	

5 Months **(\$719,590)** **(\$1,067,210)** (\$8,794,376) **(\$333,237)** (\$10,914,413)

Attachment 7 (PSE&G OATT)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

SCHEDULE 12 – APPENDIX

(12) Public Service Electric and Gas Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0025	Convert the Bergen-Leonia 138 Kv circuit to 230 kV circuit.	PSEG (100%)
b0090	Add 150 MVAR capacitor at Camden 230 kV	PSEG (100%)
b0121	Add 150 MVAR capacitor at Aldene 230 kV	PSEG (100%)
b0122	Bypass the Essex 138 kV series reactors	PSEG (100%)
b0125	Add Special Protection Scheme at Bridgewater to automatically open 230 kV breaker for outage of Branchburg – Deans 500 kV and Deans 500/230 kV #1 transformer	PSEG (100%)
b0126	Replace wavetrap on Branchburg – Flagtown 230 kV	PSEG (100%)
b0127	Replace terminal equipment to increase Brunswick – Adams – Bennetts Lane 230 kV to conductor rating	PSEG (100%)
b0129	Replace wavetrap on Flagtown – Somerville 230 kV	PSEG (100%)
b0130	Replace all derated Branchburg 500/230 kV transformers	AEC (1.36%) / JCPL (47.76%) / PSEG (50.88%)
b0134	Upgrade or Retension PSEG portion of Kittatinny – Newton 230 kV circuit	JCPL (51.11%) / PSEG (45.96%) / RE (2.93%)

The Annual Revenue Requirement for all Public Service Electric and Gas Company Projects (Required Transmission Enhancements) in this Section 12 shall be as specified in Attachment 7 of Attachment H-10A and under the procedures detailed in Attachment H-10B.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0145	Build new Essex – Aldene 230 kV cable connected through a phase angle regulator at Essex	PSEG (21.78%) / JCPL (73.45%) / RE (4.77%)
b0157	Add 100MVAR capacitor at West Orange 138kV substation	PSEG (100%)
b0158	Close the Sunnymeade "C" and "F" bus tie	PSEG (100%)
b0159	Make the Bayonne reactor permanent installation	PSEG (100%)
b0160	Relocate the X-2250 circuit from Hudson 1-6 bus to Hudson 7-12 bus	PSEG (100%)
b0161	Install 230/138kV transformer at Metuchen substation	PSEG (99.80%) / RE (0.20%)
b0162	Upgrade the Edison – Meadow Rd 138kV “Q” circuit	PSEG (100%)
b0163	Upgrade the Edison – Meadow Rd 138kV “R” circuit	PSEG (100%)
b0169	Build a new 230 kV section from Branchburg – Flagtown and move the Flagtown – Somerville 230 kV circuit to the new section	AEC (1.72%) / JCPL (25.94%) / Neptune* (10.62%) / PSEG (59.59%) / ECP** (2.13%)
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	JCLP (42.95%) / Neptune* (17.90%) / PSEG (38.36%) RE (0.79%)

* Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0172.2	Replace wave trap at Branchburg 500kV substation	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: AEC (8.09%) / JCPL (32.99%) / NEPTUNE (5.38%) / PSEG (51.49%) / RE (2.05%)</p>
b0184	Replace Hudson 230kV circuit breakers #1-2	PSEG (100%)
b0185	Replace Deans 230kV circuit breakers #9-10	PSEG (100%)
b0186	Replace Essex 230kV circuit breaker #5-6	PSEG (100%)
b1082	Install 230/138 kV transformer at Bergen substation	PENELEC (16.52%) / PSEG (80.29%) / RE (3.19%)

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0201	Branchburg substation: replace wave trap on Branchburg – Readington 230 kV circuit	PSEG (100%)
b0213.1	Replace New Freedom 230 kV breaker BS2-6	PSEG (100%)
b0213.3	Replace New Freedom 230 kV breaker BS2-8	PSEG (100%)
b0274	Replace both 230/138 kV transformers at Roseland	PSEG (96.77%) / ECP** (3.23%)
b0275	Upgrade the two 138 kV circuits between Roseland and West Orange	PSEG (100%)
b0278	Install 228 MVAR capacitor at Roseland 230 kV substation	PSEG (100%)
b0290	Install 400 MVAR capacitor in the Branchburg 500 kV vicinity	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: AEC (8.09%) / JCPL (32.99%) / NEPTUNE (5.38%) / PSEG (51.49%) / RE (2.05%)</p>
b0358	Reconductor the PSEG portion of Buckingham – Pleasant Valley 230 kV, replace wave trap and metering transformer	PSEG (100%)

* Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0368	Reconductor Tosco – G22_MTX 230 kV circuit with 1033 bundled ACSS	PSEG (100%)
b0371	Make the Metuchen 138 kV bus solid and upgrade 6 breakers at the Metuchen substation	PSEG (100%)
b0372	Make the Athenia 138 kV bus solid and upgrade 2 breakers at the Athenia substation	PSEG (100%)
b0395	Replace Hudson 230 kV breaker BS4-5	PSEG (100%)
b0396	Replace Hudson 230 kV breaker BS1-6	PSEG (100%)
b0397	Replace Hudson 230 kV breaker BS3-4	PSEG (100%)
b0398	Replace Hudson 230 kV breaker BS5-6	PSEG (100%)
b0401.1	Replace Roseland 230 kV breaker BS6-7	PSEG (100%)
b0401.2	Replace Roseland 138 kV breaker O-1315	PSEG (100%)
b0401.3	Replace Roseland 138 kV breaker S-1319	PSEG (100%)
b0401.4	Replace Roseland 138 kV breaker T-1320	PSEG (100%)
b0401.5	Replace Roseland 138 kV breaker G-1307	PSEG (100%)
b0401.6	Replace Roseland 138 kV breaker P-1316	PSEG (100%)
b0401.7	Replace Roseland 138 kV breaker 220-4	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0401.8	Replace W. Orange 138 kV breaker 132-4	PSEG (100%)
b0411	Install 4 th 500/230 kV transformer at New Freedom	AEC (47.01%) / JCPL (7.04%) / Neptune* (0.28%) / PECO (23.36%) / PSEG (22.31%)
b0423	Reconductor Readington (2555) – Branchburg (4962) 230 kV circuit w/1590 ACSS	PSEG (100%)
b0424	Replace Readington wavetrapp on Readington (2555) – Roseland (5017) 230 kV circuit	PSEG (100%)
b0425	Reconductor Linden (4996) – Tosco (5190) 230 kV circuit w/1590 ACSS (Assumes operating at 220 degrees C)	PSEG (100%)
b0426	Reconductor Tosco (5190) – G22_MTX5 (90220) 230 kV circuit w/1590 ACSS (Assumes operation at 220 degrees C)	PSEG (100%)
b0427	Reconductor Athenia (4954) – Saddle Brook (5020) 230 kV circuit river section	PSEG (100%)
b0428	Replace Roseland wavetrapp on Roseland (5019) – West Caldwell “G” (5089) 138 kV circuit	PSEG (100%)
b0429	Reconductor Kittatinny (2553) – Newton (2535) 230 kV circuit w/1590 ACSS	JCPL (41.91%) / Neptune* (3.59%) / PSEG (50.59%) / RE (2.23%) / ECP** (1.68%)
b0439	Spare Deans 500/230 kV transformer	PSEG (100%)
b0446.1	Upgrade Bayway 138 kV breaker #2-3	PSEG (100%)
b0446.2	Upgrade Bayway 138 kV breaker #3-4	PSEG (100%)
b0446.3	Upgrade Bayway 138 kV breaker #6-7	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0446.4	Upgrade the breaker associated with TX 132-5 on Linden 138 kV	PSEG (100%)
b0470	Install 138 kV breaker at Roseland and close the Roseland 138 kV buses	PSEG (100%)
b0471	Replace the wave traps at both Lawrence and Pleasant Valley on the Lawrence – Pleasant Vallen 230 kV circuit	PSEG (100%)
b0472	Increase the emergency rating of Saddle Brook – Athenia 230 kV by 25% by adding forced cooling	ECP (2.06%) / PSEG (94.41%) / RE (3.53%)
b0473	Move the 150 MVAR mobile capacitor from Aldene 230 kV to Lawrence 230 kV substation	PSEG (100%)
b0489	Build new 500 kV transmission facilities from Pennsylvania – New Jersey border at Bushkill to Roseland	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)†</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>

* Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

†Cost allocations associated with Regional Facilities and Necessary Lower Voltage Facilities associated with the project

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

††Cost allocations associated with below 500 kV elements of the project

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b489.1	Replace Athenia 230 kV breaker 31H	PSEG (100%)
b489.2	Replace Bergen 230 kV breaker 10H	PSEG (100%)
b489.3	Replace Saddlebrook 230 kV breaker 21P	PSEG (100%)
b0489.4	Install two Roseland 500/230 kV transformers as part of the Susquehanna – Roseland 500 kV project	AEC (5.09%) / ComEd (0.29%) / Dayton (0.03%) / DPL (1.76%) / JCPL (32.73%) / Neptune* (6.32%) / PECO (10.04%) / PENELEC (0.56%) / ECP** (0.95%) / PSEG (40.71%) / RE (1.52%) ††
b0489.5	Replace Roseland 230 kV breaker '42H' with 80 kA	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)

* Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.6	Replace Roseland 230 kV breaker '51H' with 80 kA	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>
b0489.7	Replace Roseland 230 kV breaker '71H' with 80 kA	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.8	Replace Roseland 230 kV breaker '31H' with 80 kA	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.9	Replace Roseland 230 kV breaker '11H' with 80 kA	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>
b0489.10	Replace Roseland 230 kV breaker '21H'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.11	Replace Roseland 230 kV breaker '32H'	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)
b0489.12	Replace Roseland 230 kV breaker '12H'	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.13	Replace Roseland 230 kV breaker '52H'	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)
b0489.14	Replace Roseland 230 kV breaker '41H'	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0489.15	Replace Roseland 230 kV breaker '72H'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: JCPL (39.48%) / NEPTUNE (4.03%) / PSEG (54.33%) / RE (2.16%)</p>
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: AEC (13.46%) / JCPL (25.00%) / NEPTUNE (2.97%) / PECO (17.71%) / PSEG (39.30%) / RE (1.56%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0498.1	Upgrade the 20H circuit breaker		PSEG (100%)
b0498.2	Upgrade the 22H circuit breaker		PSEG (100%)
b0498.3	Upgrade the 30H circuit breaker		PSEG (100%)
b0498.4	Upgrade the 32H circuit breaker		PSEG (100%)
b0498.5	Upgrade the 40H circuit breaker		PSEG (100%)
b0498.6	Upgrade the 42H circuit breaker		PSEG (100%)
b0512	MAPP Project – install new 500 kV transmission from Possum Point to Calvert Cliffs and install a DC line from Calvert Cliffs to Vienna and a DC line from Calvert Cliffs to Indian River		AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
b0565	Install 100 MVAR capacitor at Cox’s Corner 230 kV substation		PSEG (100%)

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0578	Replace Essex 138 kV breaker 4LM (C1355 line to ECRRF)	PSEG (100%)
b0579	Replace Essex 138 kV breaker 1LM (220-1 TX)	PSEG (100%)
b0580	Replace Essex 138 kV breaker 1BM (BS1-3 tie)	PSEG (100%)
b0581	Replace Essex 138 kV breaker 2BM (BS3-4 tie)	PSEG (100%)
b0582	Replace Linden 138 kV breaker 3 (132-7 TX)	PSEG (100%)
b0592	Replace Metuchen 138 kV breaker '2-2 Transfer'	PSEG (100%)
b0664	Reconductor with 2x1033 ACSS conductor	JCPL (36.35%) / NEPTUNE* (18.80%) / PSEG (43.24%) / RE (1.61%)
b0665	Reconductor with 2x1033 ACSS conductor	JCPL (36.35%) / NEPTUNE* (18.80%) / PSEG (43.24%) / RE (1.61%)
b0668	Reconductor with 2x1033 ACSS conductor	JCPL (39.41%) / NEPTUNE* (20.38%) / PSEG (38.76%) / RE (1.45%)
b0671	Replace terminal equipment at both ends of line	PSEG (100%)
b0743	Add a bus tie breaker at Roseland 138 kV	PSEG (100%)
b0812	Increase operating temperature on line for one year to get 925E MVA rating	PSEG (100%)
b0813	Reconductor Hudson – South Waterfront 230 kV circuit	BGE (1.25%) / JCPL (9.92%) / NEPTUNE* (0.87%) / PEPCO (1.11%) / PSEG (83.73%) / RE (3.12%)

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0814	New Essex – Kearney 138 kV circuit and Kearney 138 kV bus tie	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.1	Replace Kearny 138 kV breaker '1-SHT' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.2	Replace Kearny 138 kV breaker '15HF' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.3	Replace Kearny 138 kV breaker '14HF' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.4	Replace Kearny 138 kV breaker '10HF' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.5	Replace Kearny 138 kV breaker '2HT' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.6	Replace Kearny 138 kV breaker '22HF' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.7	Replace Kearny 138 kV breaker '4HT' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.8	Replace Kearny 138 kV breaker '25HF' with 80 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.9	Replace Essex 138 kV breaker '2LM' with 63 kA breaker and 2.5 cycle contact parting time	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0814.10	Replace Essex 138 kV breaker '1BT' with 63 kA breaker and 2.5 cycle contact parting time	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.11	Replace Essex 138 kV breaker '2PM' with 63 kA breaker and 2.5 cycle contact parting time	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.12	Replace Marion 138 kV breaker '2HM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.13	Replace Marion 138 kV breaker '2LM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.14	Replace Marion 138 kV breaker '1LM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.15	Replace Marion 138 kV breaker '6PM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.16	Replace Marion 138 kV breaker '3PM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.17	Replace Marion 138 kV breaker '4LM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0814.18	Replace Marion 138 kV breaker '3LM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.19	Replace Marion 138 kV breaker '1HM' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.20	Replace Marion 138 kV breaker '2PM3' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.21	Replace Marion 138 kV breaker '2PM1' with 63 kA breaker	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.22	Replace ECRR 138 kV breaker '903'	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.23	Replace Foundry 138 kV breaker '21P'	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.24	Change the contact parting time on Essex 138 kV breaker '3LM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.25	Change the contact parting time on Essex 138 kV breaker '2BM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0814.26	Change the contact parting time on Essex 138 kV breaker '1BM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.27	Change the contact parting time on Essex 138 kV breaker '3PM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.28	Change the contact parting time on Essex 138 kV breaker '4LM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.29	Change the contact parting time on Essex 138 kV breaker '1PM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)
b0814.30	Change the contact parting time on Essex 138 kV breaker '1LM' to 2.5 cycles	JCPL (23.49%) / NEPTUNE* (1.61%) / PENELEC (5.37%) / PSEG (67.03%) / RE (2.50%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0829	Build Branchburg to Roseland 500 kV circuit as part of Branchburg – Hudson 500 kV project	AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
b0829.6	Replace Branchburg 500 kV breaker 91X	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (96.17%) / RE (3.83%)
b0829.9	Replace Branchburg 230 kV breaker 102H	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0829.11	Replace Branchburg 230 kV breaker 32H	PSEG (100%)
b0829.12	Replace Branchburg 230 kV breaker 52H	PSEG (100%)
b0830	Build Roseland - Hudson 500 kV circuit as part of Branchburg – Hudson 500 kV project	AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
b0830.1	Replace Roseland 230 kV breaker '82H' with 80 kA	PSEG (100%)
b0830.2	Replace Roseland 230 kV breaker '91H' with 80 kA	PSEG (100%)
b0830.3	Replace Roseland 230 kV breaker '22H' with 80 kA	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0831	Replace 138/13 kV transformers with 230/13 kV units as part of Branchburg – Hudson 500 kV project	ComEd (2.51%) / Dayton (0.09%) / PENELEC (2.75%) / ECP** (2.45%) / PSEG (88.74%) / RE (3.46%)
b0832	Build Hudson 500 kV switching station as part of Branchburg – Hudson 500 kV project	AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
b0833	Build Roseland 500 kV switching station as part of Branchburg – Hudson 500 kV project	AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPSCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0834	Convert the E-1305/F-1306 to one 230 kV circuit as part of Branchburg – Hudson 500 kV project	ComEd (2.51%) / Dayton (0.09%) / PENELEC (2.75%) / ECP** (2.45%) / PSEG (88.74%) / RE (3.46%)
b0835	Build Hudson 230 kV transmission lines as part of Roseland – Hudson 500 kV project as part of Branchburg – Hudson 500 kV project	ComEd (2.51%) / Dayton (0.09%) / PENELEC (2.75%) / ECP** (2.45%) / PSEG (88.74%) / RE (3.46%)
b0836	Install transformation at new Hudson 500 kV switching station and perform Hudson 230 kV and 345 kV station work as part of Branchburg – Hudson 500 kV project	ComEd (2.51%) / Dayton (0.09%) / PENELEC (2.75%) / ECP** (2.45%) / PSEG (88.74%) / RE (3.46%)
b0882	Replace Hudson 230 kV breaker 1HA with 80 kA	PSEG (100%)
b0883	Replace Hudson 230 kV breaker 2HA with 80 kA	PSEG (100%)
b0884	Replace Hudson 230 kV breaker 3HB with 80 kA	PSEG (100%)
b0885	Replace Hudson 230 kV breaker 4HA with 80 kA	PSEG (100%)
b0886	Replace Hudson 230 kV breaker 4HB with 80 kA	PSEG (100%)
b0889	Replace Bergen 230 kV breaker '21H'	PSEG (100%)
b0890	Upgrade New Freedom 230 kV breaker '21H'	PSEG (100%)
b0891	Upgrade New Freedom 230 kV breaker '31H'	PSEG (100%)
b0899	Replace ECRR 138 kV breaker 901	PSEG (100%)
b0900	Replace ECRR 138 kV breaker 902	PSEG (100%)

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1013	Replace Linden 138 kV breaker '7PB'	PSEG (100%)
b1017	Reconductor South Mahwah - Waldwick 345 kV J-3410 circuit	JCPL (29.01%) / NEPTUNE* (2.74%) / PSEG (64.85%) / RE (2.53%) / ECP** (0.87%)
b1018	Reconductor South Mahwah - Waldwick 345 kV K-3411 circuit	JCPL (29.18%) / NEPTUNE* (2.74%) / PSEG (64.68%) / RE (2.53%) / ECP** (0.87%)
b1019.1	Replace wave trap, line disconnect and ground switch at Roseland on the F-2206 circuit	PSEG (100%)
b1019.2	Replace wave trap, line disconnect and ground switch at Roseland on the B-2258 circuit	PSEG (100%)
b1019.3	Replace 1-2 and 2-3 section disconnect and ground switches at Cedar Grove on the F-2206 circuit	PSEG (100%)
b1019.4	Replace 1-2 and 2-3 section disconnect and ground switches at Cedar Grove on the B-2258 circuit	PSEG (100%)
b1019.5	Replace wave trap, line disconnect and ground switch at Cedar Grove on the F-2206 circuit	PSEG (100%)
b1019.6	Replace line disconnect and ground switch at Cedar Grove on the K-2263 circuit	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1019.7	Replace 2-4 and 4-5 section disconnect and ground switches at Clifton on the B-2258 circuit	PSEG (100%)
b1019.8	Replace 1-2 and 2-3 section disconnect and ground switches at Clifton on the K-2263 circuit	PSEG (100%)
b1019.9	Replace line, ground, 230 kV main bus disconnects at Athenia on the B-2258 circuit	PSEG (100%)
b1019.10	Replace wave trap, line, ground 230 kV breaker disconnect and 230 kV main bus disconnects at Athenia on the K-2263 circuit	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1082.1	Replace Bergen 138 kV breaker '30P' with 80 kA	PSEG (100%)
b1082.2	Replace Bergen 138 kV breaker '80P' with 80 kA	PSEG (100%)
b1082.3	Replace Bergen 138 kV breaker '70P' with 80 kA	PSEG (100%)
b1082.4	Replace Bergen 138 kV breaker '90P' with 63 kA	PSEG (100%)
b1082.5	Replace Bergen 138 kV breaker '50P' with 63 kA	PSEG (100%)
b1082.6	Replace Bergen 230 kV breaker '12H' with 80 kA	PSEG (100%)
b1082.7	Replace Bergen 230 kV breaker '21H' with 80 kA	PSEG (100%)
b1082.8	Replace Bergen 230 kV breaker '11H' with 80 kA	PSEG (100%)
b1082.9	Replace Bergen 230 kV breaker '20H' with 80 kA	PSEG (100%)
b1098	Re-configure the Bayway 138 kV substation and install three new 138 kV breakers	PSEG (100%)
b1099	Build a new 230 kV substation by tapping the Aldene – Essex circuit and install three 230/26 kV transformers, and serve some of the Newark area load from the new station	PSEG (100%)
b1100	Build a new 138 kV circuit from Bayonne to Marion	PSEG (100%)
b1101	Re-configure the Cedar Grove substation with breaker and half scheme and build a new 69 kV circuit from Cedar Grove to Hinchman	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1154	Convert the West Orange 138 kV substation, the two Roseland – West Orange 138 kV circuits, and the Roseland – Sewaren 138 kV circuit from 138 kV to 230 kV	PSEG (96.18%) / RE (3.82%)
b1155	Build a new 230 kV circuit from Branchburg to Middlesex Sw. Rack. Build a new 230 kV substation at Middlesex	JCPL (4.61%) / PSEG (91.75%) / RE (3.64%)
b1155.3	Replace Branchburg 230 kV breaker '81H' with 63 kA	PSEG (100%)
b1155.4	Replace Branchburg 230 kV breaker '72H' with 63 kA	PSEG (100%)
b1155.5	Replace Branchburg 230 kV breaker '61H' with 63 kA	PSEG (100%)
b1155.6	Replace Branchburg 230 kV breaker '41H' with 63 kA	PSEG (100%)
b1156	Convert the Burlington, Camden, and Cuthbert Blvd 138 kV substations, the 138 kV circuits from Burlington to Camden, and the 138 kV circuit from Camden to Cuthbert Blvd. from 138 kV to 230 kV	PSEG (96.18%) / RE (3.82%)
b1156.13	Replace Camden 230 kV breaker '22H' with 80 kA	PSEG (100%)
b1156.14	Replace Camden 230 kV breaker '32H' with 80 kA	PSEG (100%)
b1156.15	Replace Camden 230 kV breaker '21H' with 80 kA	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1156.16	Replace New Freedom 230 kV breaker '50H' with 63 kA	PSEG (100%)
b1156.17	Replace New Freedom 230 kV breaker '41H' with 63 kA	PSEG (100%)
b1156.18	Replace New Freedom 230 kV breaker '51H' with 63 kA	PSEG (100%)
b1156.19	Rebuild Camden 230 kV to 80 kA	PSEG (100%)
b1156.20	Rebuild Burlington 230 kV to 80 kA	PSEG (100%)
b1197.1	Reconductor the PSEG portion of the Burlington – Croydon circuit with 1590 ACSS	PSEG (100%)
b1228	Re-configure the Lawrence 230 kV substation to breaker and half	HTP (0.14%) / ECP (0.22%) / PSEG (95.83%) / RE (3.81%)
b1255	Build a new 69 kV substation (Ridge Road) and build new 69 kV circuits from Montgomery – Ridge Road – Penns Neck/Dow Jones	PSEG (96.18%) / RE (3.82%)
b1304.1	Convert the existing 'D1304' and 'G1307' 138 kV circuits between Roseland – Kearny – Hudson to 230 kV operation	AEC (0.23%) / BGE (0.97%) / ComEd (2.32%) / Dayton (0.13%) / JCPL (1.17%) / Neptune (0.07%) / HTP (16.05%) / PENELEC (2.97%) / PEPCO (1.04%) / ECP (2.11%) / PSEG (70.16%) / RE (2.78%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1304.2 Expand existing Bergen 230 kV substation and reconfigure the Athenia 230 kV substation to breaker and a half scheme		AEC (0.23%) / BGE (0.97%) / ComEd (2.32%) / Dayton (0.13%) / JCPL (1.17%) / Neptune (0.07%) / HTP (16.05%) / PENELEC (2.97%) / PEPCO (1.04%) / ECP (2.11%) / PSEG (70.16%) / RE (2.78%)
b1304.3 Build second 230 kV underground cable from Bergen to Athenia		AEC (0.23%) / BGE (0.97%) / ComEd (2.32%) / Dayton (0.13%) / JCPL (1.17%) / Neptune (0.07%) / HTP (16.05%) / PENELEC (2.97%) / PEPCO (1.04%) / ECP (2.11%) / PSEG (70.16%) / RE (2.78%)
b1304.4 Build second 230 kV underground cable from Hudson to South Waterfront		AEC (0.23%) / BGE (0.97%) / ComEd (2.32%) / Dayton (0.13%) / JCPL (1.17%) / Neptune (0.07%) / HTP (16.05%) / PENELEC (2.97%) / PEPCO (1.04%) / ECP (2.11%) / PSEG (70.16%) / RE (2.78%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1304.5	Replace Athenia 230 kV breaker '21H' with 80 kA	PSEG (100%)
b1304.6	Replace Athenia 230 kV breaker '41H' with 80 kA	PSEG (100%)
b1304.7	Replace South Waterfront 230 kV breaker '12H' with 80 kA	PSEG (100%)
b1304.8	Replace South Waterfront 230 kV breaker '22H' with 80 kA	PSEG (100%)
b1304.9	Replace South Waterfront 230 kV breaker '32H' with 80 kA	PSEG (100%)
b1304.10	Replace South Waterfront 230 kV breaker '52H' with 80 kA	PSEG (100%)
b1304.11	Replace South Waterfront 230 kV breaker '62H' with 80 kA	PSEG (100%)
b1304.12	Replace South Waterfront 230 kV breaker '72H' with 80 kA	PSEG (100%)
b1304.13	Replace South Waterfront 230 kV breaker '82H' with 80 kA	PSEG (100%)
b1304.14	Replace Essex 230 kV breaker '20H' with 80 kA	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1304.15	Replace Essex 230 kV breaker '21H' with 80 kA	PSEG (100%)
b1304.16	Replace Essex 230 kV breaker '10H' with 80 kA	PSEG (100%)
b1304.17	Replace Essex 230 kV breaker '11H' with 80 kA	PSEG (100%)
b1304.18	Replace Essex 230 kV breaker '11HL' with 80 kA	PSEG (100%)
b1304.19	Replace Newport R 230 kV breaker '23H' with 63 kA	PSEG (100%)
b1304.20	Rebuild Athenia 230 kV substation to 80 kA	PSEG (100%)
b1304.21	Rebuild Bergen 230 kV substation to 80 kA	PSEG (100%)
b1398	Build two new parallel underground circuits from Gloucester to Camden	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.1	Install shunt reactor at Gloucester to offset cable charging	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.2	Reconfigure the Cuthbert station to breaker and a half scheme	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.3	Build a second 230 kV parallel overhead circuit from Mickelton – Gloucester	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1398.4	Reconductor the existing Mickleton – Gloucester 230 kV circuit (PSEG portion)	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.7	Reconductor the Camden – Richmond 230 kV circuit (PSEG portion) and upgrade terminal equipments at Camden substations	JCPL (12.82%) / NEPTUNE (1.18%) / HTP (0.79%) / PECO (51.08%) / PEPCO (0.57%) / ECP** (0.85%) / PSEG (31.46%) / RE (1.25%)
b1398.15	Replace Gloucester 230 kV breaker '21H' with 63 kA	PSEG (100%)
b1398.16	Replace Gloucester 230 kV breaker '51H' with 63 kA	PSEG (100%)
b1398.17	Replace Gloucester 230 kV breaker '56H' with 63 kA	PSEG (100%)
b1398.18	Replace Gloucester 230 kV breaker '26H' with 63 kA	PSEG (100%)
b1398.19	Replace Gloucester 230 kV breaker '71H' with 63 kA	PSEG (100%)
b1399	Convert the 138 kV path from Aldene – Springfield Rd. – West Orange to 230 kV	PSEG (96.18%) / RE (3.82%)
b1400	Install 230 kV circuit breakers at Bennetts Ln. “F” and “X” buses	PSEG (100%)

* Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1410	Replace Salem 500 kV breaker '11X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>
b1411	Replace Salem 500 kV breaker '12X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1412	Replace Salem 500 kV breaker '20X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>
b1413	Replace Salem 500 kV breaker '21X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1414	Replace Salem 500 kV breaker '31X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>
b1415	Replace Salem 500 kV breaker '32X'	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>

* Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1539	Replace Tosco 230 kV breaker 'CB1' with 63 kA	PSEG (100%)
b1540	Replace Tosco 230 kV breaker 'CB2' with 63 kA	PSEG (100%)
b1541	Open the Hudson 230 kV bus tie	PSEG (100%)
b1588	Reconductor the Eagle Point - Gloucester 230 kV circuit #1 and #2 with higher conductor rating	JCPL (10.31%) / Neptune* (0.98%) / HTP (0.75%) / PECO (30.81%) / ECP** (0.82%) / PSEG (54.17%) / RE (2.16%)
b1589	Re-configure the Kearny 230 kV substation and loop the P-2216-1 (Essex - NJT Meadows) 230 kV circuit	ATSI (8.00%) / HTP (20.18%) / PENELEC (7.77%) / PSEG (61.59%) / RE (2.46%)
b1590	Upgrade the PSEG portion of the Camden Richmond 230 kV circuit to six wire conductor and replace terminal equipment at Camden	BGE (3.05%) / ME (0.83%) / HTP (0.21%) / PECO (91.36%) / PEPCO (1.93%) / PPL (2.46%) / ECP** (0.16%)
b1749	Advance n1237 (Replace Essex 230 kV breaker '22H' with 80kA)	PSEG (100%)
b1750	Advance n0666.5 (Replace Hudson 230 kV breaker '1HB' with 80 kA (without TRV cap, so actually 63 kA))	PSEG (100%)
b1751	Advance n0666.3 (Replace Hudson 230 kV breaker '2HA' with 80 kA (without TRV cap, so actually 63 kA))	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1752	Advance n0666.10 (Replace Hudson 230 kV breaker '2HB' with 80 kA (without TRV cap, so actually 63 kA))	PSEG (100%)
b1753	Marion 138 kV breaker '7PM' - delay the relay time to increase the contact parting time to 2.5 cycles	PSEG (100%)
b1754	Marion 138 kV breaker '3PM' - delay the relay time to increase the contact parting time to 2.5 cycles	PSEG (100%)
b1755	Marion 138 kV breaker '6PM' - delay the relay time to increase the contact parting time to 2.5 cycles	PSEG (100%)
b1787	Build a second 230 kV circuit from Cox's Corner - Lumberton	AEC (4.96%) / JCPL (44.20%) / NEPTUNE* (0.53%) / HTP (0.15%) / ECP** (0.16%) / PSEG (48.08%) / RE (1.92%)
b2034	Install a reactor along the Kearny - Essex 138 kV line	PSEG (100%)
b2035	Replace Sewaren 138 kV breaker '11P'	PSEG (100%)
b2036	Replace Sewaren 138 kV breaker '21P'	PSEG (100%)
b2037	Replace PVSC 138 kV breaker '452'	PSEG (100%)
b2038	Replace PVSC 138 kV breaker '552'	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 – APPENDIX --> OATT SCHEDULE 12.APPENDIX 12 Public Service Electric and G

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2039	Replace Bayonne 138 kV breaker '11P'	PSEG (100%)
b2139	Reconductor the Mickleton - Gloucester 230 kV parallel circuits with double bundle conductor	PSEG (61.11%) / PECO (36.45%) / RE (2.44%)
b2146	Re-configure the Brunswick 230 kV and 69 kV substations	PSEG (96.16%) / RE (3.84%)
b2151	Construct Jackson Rd. 69 kV substation and loop the Cedar Grove - Hinchmans Ave into Jackson Rd. and construct Hawthorne 69 kV substation and build 69 kV circuit from Hinchmans Ave - Hawthorne - Fair Lawn	PSEG (100%)
b2159	Reconfigure the Linden, Bayway, North Ave, and Passaic Valley S.C. 138 kV substations. Construct and loop new 138 kV circuit to new airport station	PSEG (72.61%) / HTP (24.49%) / RE (2.90%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

SCHEDULE 12 – APPENDIX A

(12) Public Service Electric and Gas Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2218	Rebuild 4 miles of overhead line from Edison - Meadow Rd - Metuchen (Q 1317)	PSEG (100%)
b2239	50 MVAR reactor at Saddlebrook 230 kV	PSEG (100%)
b2240	50 MVAR reactor at Athenia 230 kV	PSEG (100%)
b2241	50 MVAR reactor at Bergen 230 kV	PSEG (100%)
b2242	50 MVAR reactor at Hudson 230 kV	PSEG (100%)
b2243	Two 50 MVAR reactors at Stanley Terrace 230 kV	PSEG (100%)
b2244	50 MVAR reactor at West Orange 230 kV	PSEG (100%)
b2245	50 MVAR reactor at Aldene 230 kV	PSEG (100%)
b2246	150 MVAR reactor at Camden 230 kV	PSEG (100%)
b2247	150 MVAR reactor at Gloucester 230 kV	PSEG (100%)
b2248	50 MVAR reactor at Clarksville 230 kV	PSEG (100%)
b2249	50 MVAR reactor at Hinchmans 230 kV	PSEG (100%)
b2250	50 MVAR reactor at Beaverbrook 230 kV	PSEG (100%)
b2251	50 MVAR reactor at Cox's Corner 230 kV	PSEG (100%)

*Neptune Regional Transmission System, LLC

The Annual Revenue Requirement for all Public Service Electric and Gas Company Projects (Required Transmission Enhancements) in this Section 12 shall be as specified in Attachment 7 of Attachment H-10A and under the procedures detailed in Attachment H-10B.

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2276	Eliminate the Sewaren 138 kV bus by installing a new 230 kV bay at Sewaren 230 kV	PSEG (100%)
b2276.1	Convert the two 138 kV circuits from Sewaren – Metuchen to 230 kV circuits including Lafayette and Woodbridge substation	PSEG (100%)
b2276.2	Reconfigure the Metuchen 230 kV station to accommodate the two converted circuits	PSEG (100%)
b2290	Replace disconnect switches at Kilmer, Lake Nilson and Greenbrook 230 kV substations on the Raritan River - Middlesex (I-1023) circuit	PSEG (100%)
b2291	Replace circuit switcher at Lake Nelson 230 kV substation on the Raritan River - Middlesex (W-1037) circuit	PSEG (100%)
b2295	Replace the Salem 500 kV breaker 10X with 63kA breaker	PSEG (100%)
b2421	Install all 69kV lines to interconnect Plainfield, Greenbrook, and Bridgewater stations and establish the 69kV network	PSEG (100%)
b2421.1	Install two 18MVAR capacitors at Plainfield and S. Second St substation	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2421.2	Install a second four (4) breaker 69kV ring bus at Bridgewater Switching Station	PSEG (100%)
b2436.10	Convert the Bergen – Marion 138 kV path to double circuit 345 kV and associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (100%)</p>
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (100%)</p>

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>
b2436.33	Construct a new Bayway – Bayonne 345 kV circuit and any associated substation upgrades	PSEG (96.17%) / RE (3.83%)
b2436.34	Construct a new North Ave – Bayonne 345 kV circuit and any associated substation upgrades	PSEG (96.17%) / RE (3.83%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades	PSEG (100%)
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	PSEG (96.17%) / RE (3.83%)
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	PSEG (100%)
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p> <p>DFAX Allocation: PSEG (96.17%) / RE (3.83%)</p>

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (96.17%) / RE (3.83%)
b2436.84	Convert the Bayway – Linden “W” 138 kV circuit to 345 kV and any associated substation upgrades	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (96.17%) / RE (3.83%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.85	Convert the Bayway – Linden “M” 138 kV circuit to 345 kV and any associated substation upgrades	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (96.17%) / RE (3.83%)
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (100%)
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	PSEG (100%)
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	PSEG (100%)
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	PSEG (100%)
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	PSEG (100%)
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	PSEG (96.17%) / RE (3.83%)
b2437.33	New Bayonne 345/69 kV transformer and any associated substation upgrades	PSEG (100%)
b2438	Install two reactors at Tosco 230 kV	PSEG (100%)
b2439	Replace the Tosco 138kV breaker 'CB1/2 (CBT)' with 63kA	PSEG (100%)
b2474	Rebuild Athenia 138 kV to 80kA	PSEG (100%)
b2589	Install a 100 MVAR 230 kV shunt reactor at Mercer station	PSEG (100%)
b2590	Install two 75 MVAR 230 kV capacitors at Sewaren station	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2633.3	Install an SVC at New Freedom 500 kV substation	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p>
		<p>DFAX Allocation: AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)</p>
b2633.4	Add a new 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	<p>Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)</p>
		<p>DFAX Allocation: AEC (8.01%) / BGE (1.94%) / DPL (12.99%) / JCPL (13.85%) / ME (5.88%) / NEPTUNE* (3.45%) / PECO (17.62%) / PPL (14.85%) / PSEG (20.79%) / RE (0.62%)</p>

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2633.5	Add a new 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	AEC (8.01%) / BGE (1.94%) / DPL (12.99%) / JCPL (13.85%) / ME (5.88%) / NEPTUNE* (3.45%) / PECO (17.62%) / PPL (14.85%) / PSEG (20.79%) / RE (0.62%)
b2633.8	Implement high speed relaying utilizing OPGW on Salem – Orchard 500 kV, Hope Creek – New Freedom 500 kV, New Freedom - Salem 500 kV, Hope Creek – Salem 500 kV, and New Freedom – Orchard 500 kV lines	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2633.91	Implement changes to the tap settings for the two Salem units' step up transformers	AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
b2633.92	Implement changes to the tap settings for the Hope Creek unit's step up transformers	AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
b2702	Install a 350 MVAR reactor at Roseland 500 kV	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%) / Dayton (2.15%) / DEOK (3.23%) / DL (1.73%) / DPL (2.65%) / Dominion (13.03%) / EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE* (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)
		DFAX Allocation: PSEG (100%)
b2703	Install a 100 MVAR reactor at Bergen 230 kV	PSEG (100%)
b2704	Install a 150 MVAR reactor at Essex 230 kV	PSEG (100%)
b2705	Install a 200 MVAR reactor (variable) at Bergen 345 kV	PSEG (100%)
b2706	Install a 200 MVAR reactor (variable) at Bayway 345 kV	PSEG (100%)
b2707	Install a 100 MVAR reactor at Bayonne 345 kV	PSEG (100%)

*Neptune Regional Transmission System, LLC

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2712	Replace the Bergen 138 kV '40P' breaker with 80kA breaker	PSEG (100%)
b2713	Replace the Bergen 138 kV '90P' breaker with 80kA breaker	PSEG (100%)
b2722	Reconductor the 1 mile Bergen – Bergen GT 138 kV circuit (B-1302)	PSEG (100%)
b2755	Build a third 345 kV source into Newark Airport	PSEG (100%)
b2810.1	Install second 230/69 kV transformer at Cedar Grove	PSEG (100%)
b2810.2	Build a new 69 kV circuit from Cedar Grove to Great Notch	PSEG (100%)
b2811	Build 69 kV circuit from Locust Street to Delair	PSEG (100%)
b2812	Construct River Road to Tonnelle Avenue 69kV Circuit	PSEG (100%)
b2825.1	Install 2X50 MVAR shunt reactors at Kearny 230 kV substation	PSEG (100%)
b2825.2	Increase the size of the Hudson 230 kV, 2X50 MVAR shunt reactors to 2X100 MVAR	PSEG (100%)
b2825.3	Install 2X100 MVAR shunt reactors at Bayway 345 kV substation	PSEG (100%)
b2825.4	Install 2X100 MVAR shunt reactors at Linden 345 kV substation	PSEG (100%)
b2835	Convert the R-1318 and Q1317 (Edison – Metuchen) 138 kV circuits to one 230 kV circuit	See sub-IDs for cost allocations

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2835.1	Convert the R-1318 and Q-1317 (Edison – Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick – Meadow Road)	AEC (12.08%) / PECO (22.78%) / PSEG (62.65%) / RE (2.49%)
b2835.2	Convert the R-1318 and Q-1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave)	AEC (11.09%) / PECO (20.90%) / PSEG (65.40%) / RE (2.61%)
b2835.3	Convert the R-1318 and Q-1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen)	AEC (10.19%) / PECO (19.21%) / PSEG (67.90%) / RE (2.70%)
b2836	Convert the N-1340 and T-1372/D-1330 (Brunswick – Trenton) 138 kV circuits to 230 kV circuits	See sub-IDs for cost allocations
b2836.1	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Hunterglen)	AEC (22.42%) / PSEG (74.61%) / RE (2.97%)
b2836.2	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Hunterglen - Trenton)	AEC (19.58%) / NEPTUNE (80.42%)
b2836.3	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook)	AEC (100%)
b2836.4	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Devils Brook - Trenton)	AEC (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2837 Convert the F-1358/Z1326 and K1363/Y-1325 (Trenton – Burlington) 138 kV circuits to 230 kV circuits		See sub-IDs for cost allocations
b2837.1 Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville K)		NEPTUNE (100%)
b2837.2 Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave K)		NEPTUNE (100%)
b2837.3 Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook)		NEPTUNE (100%)
b2837.4 Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Bustleton Y)		NEPTUNE (8.50%) / PSEG (88.00%) / RECO (3.50%)
b2837.5 Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Y)		NEPTUNE (6.91%) / PSEG (89.53%) / RECO (3.56%)
b2837.6 Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville F)		NEPTUNE (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2837.7	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F)	NEPTUNE (100%)
b2837.8	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Z)	NEPTUNE (100%)
b2837.9	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z)	NEPTUNE (100%)
b2837.10	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z)	NEPTUNE (8.52%) / PSEG (87.98%) / RECO (3.50%)
b2837.11	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Z)	NEPTUNE (6.31%) / PSEG (90.10%) / RECO (3.59%)
b2870	Build new 138/26 kV Newark GIS station in a building (layout #1A) located adjacent to the existing Newark Switch and demolish the existing Newark Switch	PSEG (100%)
b2933	Third Source for Springfield Rd. and Stanley Terrace Stations	See sub-IDs for cost allocations

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2933.1	Construct a 230/69 kV station at Springfield	PSEG (100%)
b2933.2	Construct a 230/69 kV station at Stanley Terrace	PSEG (100%)
b2933.31	Construct a 69 kV network between Front Street, Springfield and Stanley Terrace (Front Street - Springfield)	NEPTUNE (100%)
b2933.32	Construct a 69 kV network between Front Street, Springfield and Stanley Terrace (Springfield – Stanley Terrace)	PSEG (100%)
b2934	Build a new 69 kV line between Hasbrouck Heights and Carlstadt	PSEG (100%)
b2935	Third Supply for Runnemede 69 kV and Woodbury 69 kV	PSEG (100%)
b2935.1	Build a new 230/69 kV switching substation at Hilltop utilizing the PSE&G property and the K-2237 230 kV line	PSEG (100%)
b2935.2	Build a new line between Hilltop and Woodbury 69 kV providing the 3rd supply	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2935.3	Convert Runnemedede's straight bus to a ring bus and construct a 69 kV line from Hilltop to Runnemedede 69 kV	PSEG (100%)
b2955	Wreck and rebuild the VFT – Warinanco – Aldene 230 kV circuit with paired conductor	JCPL (43.23%) / NEPTUNE* (3.54%) / PSEG (51.19%) / RE (2.04%)
b2956	Replace existing cable on Cedar Grove - Jackson Rd. with 5000kcmil XLPE cable	PSEG (100%)
b2982	Construct a 230/69 kV station at Hillsdale Substation and tie to Paramus and Dumont at 69 kV	PSEG (100%)
b2982.1	Install a 69 kV ring bus and one (1) 230/69 kV transformer at Hillsdale	PSEG (100%)
b2982.2	Construct a 69 kV network between Paramus, Dumont, and Hillsdale Substation using existing 69 kV circuits	PSEG (100%)
b2983	Convert Kuller Road to a 69/13 kV station	PSEG (100%)
b2983.1	Install 69 kV ring bus and two (2) 69/13 kV transformers at Kuller Road	PSEG (100%)
b2983.2	Construct a 69 kV network between Kuller Road, Passaic, Paterson, and Harvey (new Clifton area switching station)	PSEG (100%)
b2986	Replace the existing Roseland – Branchburg – Pleasant Valley 230 kV corridor with new structures	See sub-IDs for cost allocations

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2986.11	Roseland-Branchburg 230 kV corridor rebuild (Roseland - Readington)	PSEG (100%)
b2986.12	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg)	JCPL (100%)
b2986.21	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg - East Flemington)	PECO (100%)
b2986.22	Branchburg-Pleasant Valley 230kV corridor rebuild (East Flemington - Pleasant Valley)	NEPTUNE (0.77%) / PECO (99.23%)
b2986.23	Branchburg-Pleasant Valley 230kV corridor rebuild (Pleasant Valley - Rocktown)	JCPL (31.39%) / NEPTUNE (5.26%) / PECO (6.68%) / PSEG (54.43%) / RECO (2.23%)
b2986.24	Branchburg-Pleasant Valley 230kV corridor rebuild (the PSEG portion of Rocktown - Buckingham)	JCPL (37.95%) / NEPTUNE (4.70%) / PECO (5.38%) / PSEG (49.92%) / RECO (2.05%)
b3003	Construct a 230/69 kV station at Maywood	PSEG (100%)
b3003.1	Purchase properties at Maywood to accommodate new construction	PSEG (100%)
b3003.2	Extend Maywood 230 kV bus and install one (1) 230 kV breaker	PSEG (100%)
b3003.3	Install one (1) 230/69 kV transformer at Maywood	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3003.4	Install Maywood 69 kV ring bus	PSEG (100%)
b3003.5	Construct a 69 kV network between Spring Valley Road, Hasbrouck Heights, and Maywood	PSEG (100%)
b3004	Construct a 230/69/13 kV station by tapping the Mercer – Kuser Rd 230 kV circuit	PSEG (100%)
b3004.1	Install a new Clinton 230 kV ring bus with one (1) 230/69 kV transformer Mercer - Kuser Rd 230 kV circuit	PSEG (100%)
b3004.2	Expand existing 69 kV ring bus at Clinton Ave with two (2) additional 69 kV breakers	PSEG (100%)
b3004.3	Install two (2) 69/13 kV transformers at Clinton Ave	PSEG (100%)
b3004.4	Install 18 MVAR capacitor bank at Clinton Ave 69 kV	PSEG (100%)
b3025	Construct two (2) new 69/13 kV stations in the Doremus area and relocate the Doremus load to the new stations	PSEG (100%)

Intra-PJM Tariffs --> OPEN ACCESS TRANSMISSION TARIFF --> OATT VI. ADMINISTRATION AND STUDY OF NEW SERVICE REQUESTS; R --> OATT SCHEDULE 12 - APPENDIX A - Required Transmission Enhanc --> OATT SCHEDULE 12.APPENDIX A - 12 Public Service Electric and

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3025.1	Install a new 69/13 kV station (Vauxhall) with a ring bus configuration	PSEG (100%)
b3025.2	Install a new 69/13 kV station (19th Ave) with a ring bus configuration	PSEG (100%)
b3025.3	Construct a 69 kV network between Stanley Terrace, Springfield Road, McCarter, Federal Square, and the two new stations (Vauxhall & 19th Ave)	PSEG (100%)

Attachment 8 (FERC Order Accepting PSE&G ROE Filing)

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

OFFICE OF ENERGY MARKET REGULATION

Public Service Electric and Gas
Company
Docket No. ER22-81-000

Issued: 12/2/2021

Cara J. Lewis, Esq.
PSEG Services Corporation
80 Park Plaza
Newark, NJ 07102

Reference: Compliance Filing

On October 11, 2021, you submitted, on behalf of Public Service Electric and Gas Company (PSEG), a compliance filing providing, in eTariff format, the “OATT ATT H-10A, OATT Attachment H-10A – Public Service Electric and Gas Comp” and “OATT Attachment H-10B – PSEG”¹ accepted as part of the Offer of Settlement approved by the Commission in its October 1, 2021 order.²

Pursuant to the authority delegated to the Director, Division of Electric Power Regulation – East, under 18 C.F.R. § 375.307, your submittal is accepted for filing, effective August 1, 2021, as requested.

The filings were noticed on October 12, 2021 with comments, interventions and protests due on or before November 2, 2021. Pursuant to Rule 214 (18 C.F.R. § 385.214), to the extent that any timely filed motions to intervene and any motion to intervene out-of-time were filed before the issuance date of this order, such interventions are granted. Granting late interventions at this stage of the proceeding will not disrupt the proceeding or place additional burdens on existing parties.

This acceptance for filing shall not be construed as constituting approval of the

¹ PJM Interconnection, L.L.C., [OATT ATT H-10A, OATT Attachment H-10A - Public Service Electric and Gas Co \(14.0.0\)](#); [OATT ATT H-10B, OATT Attachment H-10B - Public Service Electric and Gas Co \(3.0.0\)](#).

² *Public Service Electric and Gas Co.*, 177 FERC ¶ 61,004 (2021).

referenced filing or of any rate, charge, classification, or any rule, regulation, or practice affecting such rate or service contained in your filing; nor shall such acceptance be deemed as recognition of any claimed contractual right or obligation associated therewith; and such acceptance is without prejudice to any findings or orders which have been or may hereafter be made by the Commission in any proceeding now pending or hereafter instituted by or against PSEG.

This order constitutes final agency action. Requests for rehearing by the Commission may be filed within 30 days of the date of issuance of this order, pursuant to 18 C.F.R. § 385.713.

Issued by: Kurt M. Longo, Director, Division of Electric Power Regulation – East

Attachment 9 (PSE&G FERC ROE Revised Formula Rate filing)

Public Service Electric and Gas Company

ATTACHMENT H-10A

12 Months Ended
12/31/2021

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

Shaded cells are input cells

Allocators

Wages & Salary Allocation Factor				
1	Transmission Wages Expense	(Note O)	Attachment 5	37,389,490
2	Total Wages Expense	(Note O)	Attachment 5	208,105,351
3	Less: A&G Wages Expense	(Note O)	Attachment 5	6,000,000
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	202,105,351
5	Wages & Salary Allocator		(Line 1 / Line 4)	18.5000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	25,461,808,189
7	Common Plant in Service - Electric		(Line 27)	248,986,792
8	Total Plant in Service		(Line 6 + 7)	25,710,794,981
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	4,528,496,566
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,075,642
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	50,554,202
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	72,229,346
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	4,657,355,755
14	Net Plant		(Line 8 - Line 13)	21,053,439,226
15	Transmission Gross Plant		(Line 36)	14,777,415,275
16	Gross Plant Allocator		(Line 15 / Line 8)	57.4755%
17	Transmission Net Plant		(Line 48)	13,227,750,449
18	Net Plant Allocator		(Line 17 / Line 14)	62.8294%
O&M Allocation Factor				
19	Transmission O&M Expense	(Note O)	(Line 68)	123,700,000
20	Distribution O&M Expense	(Note O)	Attachment 5	700,207,142
21	Total Distribution and Transmission O&M Expense		(Line 19 + Line 20)	823,907,142
22	Transmission O&M Allocator		(Line 19 / Line 21)	15.0138%
23	Multi-Factor A&G Expense Allocator		((Line 5 + Line 16 + Line 22) / 3)	30.3298%

Plant Calculations

Plant In Service				
24	Transmission Plant In Service	(Note B)	Attachment 5	14,670,297,858
25	General	(Note B)	Attachment 5	337,061,626
26	Intangible - Electric	(Note B)	Attachment 5	13,443,636
27	Common Plant - Electric	(Note B)	Attachment 5	248,986,792
28	Total General, Intangible & Common Plant		(Line 25 + Line 26 + Line 27)	599,492,054
29	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5	10,757,529
30	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5	41,888,660
31	General and Intangible Excluding Acct. 397		(Line 28 - Line 29 - Line 30)	546,845,865
32	Wage & Salary Allocator		(Line 5)	18.5000%
33	General and Intangible Plant Allocated to Transmission		(Line 31 * Line 32)	101,166,485
34	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	5,950,932
35	Total General and Intangible Functionalized to Transmission		(Line 33 + Line 34)	107,117,417
36	Total Plant In Rate Base		(Line 24 + Line 35)	14,777,415,275
Accumulated Depreciation				
37	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	1,501,111,598
38	Accumulated General Depreciation	(Note B & J)	Attachment 5	131,531,418
39	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	118,594,995
40	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	24,113,568
41	Balance of Accumulated General Depreciation		(Line 38 + Line 39 - Line 40)	226,012,845
42	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	6,075,642
43	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 41 + 42)	232,088,486
44	Wage & Salary Allocator		(Line 5)	18.5000%
45	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 43 * Line 44)	42,936,370
46	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmission	(Note B & J)	Attachment 5	5,616,857
47	Total Accumulated Depreciation		(Lines 37 + 45 + 46)	1,549,664,826
48	Total Net Property, Plant & Equipment		(Line 36 - Line 47)	13,227,750,449

Adjustment To Rate Base

49	Accumulated Deferred Income Taxes				
	ADIT net of FASB 106 and 109	(Note Q)	Attachment 1		-2,009,154,738
	Regulatory Assets and Liabilities				
50	Deficient Deferred Taxes Regulatory Asset (Account 182.3)	enter positive	(Note V)		0
51	Excess Deferred Taxes Regulatory Liability (Account 254)	enter negative	(Note V)		-673,157,053
52	Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission		(Line 50 + 51)		-673,157,053
	CWIP for Incentive Transmission Projects				
53	CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6		0
	Abandoned Transmission Projects				
54	Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5		0
55	Plant Held for Future Use	(Note C & Q)	Attachment 5		20,881,499
	Prepayments				
56	Prepayments	(Note A & Q)	Attachment 5		467,498
	Materials and Supplies				
57	Undistributed Stores Expense	(Note Q)	Attachment 5		0
58	Wage & Salary Allocator		(Line 5)		18.5000%
59	Total Undistributed Stores Expense Allocated to Transmission		(Line 57 * Line 58)		0
60	Transmission Materials & Supplies	(Note Q)	Attachment 5		70,794,000
61	Total Materials & Supplies Allocated to Transmission		(Line 59 + Line 60)		70,794,000
	Unfunded Reserves				
62	Unfunded Reserves	(Note A & Q)	Attachment 5		-13,745,792
	Network Credits				
63	Outstanding Network Credits	(Note N & Q)	Attachment 5		0
64	Total Adjustment to Rate Base		(Lines 49 + 52 + 53 + 54 + 55 + 56 + 61 + 62 - 63)		-2,603,914,587
65	Rate Base		(Line 48 + Line 64)		10,623,835,863
Operations & Maintenance Expense					
	Transmission O&M				
66	Transmission O&M	(Note O)	Attachment 5		123,700,000
67	Less: Transmission of Electricity by Others Account 565	(Note O)	Attachment 5		0
68	Transmission O&M		(Lines 66 - 67)		123,700,000
	Allocated Administrative & General Expenses				
69	Total A&G	(Note O)	Attachment 5		48,276,942
70	Plus: Actual PBOP expense	(Note J)	Attachment 5		-42,325,481
71	Less: Actual PBOP expense	(Note O)	Attachment 5		-42,325,481
72	Less: Property Insurance Account 924	(Note O)	Attachment 5		5,058,406
73	Less: Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5		10,718,936
74	Less: General Advertising Exp Account 930.1	(Note O)	Attachment 5		2,576,107
75	Less: EPRI Dues	(Note D & O)	Attachment 5		0
76	Administrative & General Expenses		Sum (Lines 69 to 70) - Sum (Lines 71 to 75)		29,923,493
77	Multi-Factor A&G Expense Allocator		(Line 23)		30.3298%
78	Administrative & General Expenses Allocated to Transmission		(Line 76 * Line 77)		9,075,731
	Directly Assigned A&G				
79	Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5		600,000
80	General Advertising Exp Account 930.1	(Note K & O)	Attachment 5		0
81	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 79 + Line 80)		600,000
82	Property Insurance Account 924		(Line 72)		5,058,406
83	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5		0
84	Total Accounts 928 and 930.1 - General		(Line 82 + Line 83)		5,058,406
85	Net Plant Allocator		(Line 18)		62.8294%
86	A&G Directly Assigned to Transmission		(Line 84 * Line 85)		3,178,166
87	Total Transmission O&M		(Lines 68 + 78 + 81 + 86)		136,553,898
Depreciation & Amortization Expense					
	Depreciation Expense				
88	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5		330,429,294
89	Amortization of Abandoned Plant Projects	(Note R)	Attachment 5		0
90	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5		27,132,186
91	Less: Amount of General Depreciation Expense Associated with Acct. 397	(Note J & O)	Attachment 5		5,283,117
92	Balance of General Depreciation Expense		(Line 90 - Line 91)		21,849,069
93	Intangible Amortization	(Note A & O)	Attachment 5		16,484,348
94	Total		(Line 92 + Line 93)		38,333,417
95	Wage & Salary Allocator		(Line 5)		18.50%
96	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 94 * Line 95)		7,091,682
97	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission	(Note J & O)	Attachment 5		595,266
98	General Depreciation and Intangible Amortization Functionalized to Transmission		(Line 96 + Line 97)		7,686,948
99	Total Transmission Depreciation & Amortization		(Lines 88 + 89 + 98)		338,116,242
Taxes Other than Income Taxes					
100	Taxes Other than Income Taxes	(Note O)	Attachment 2		14,144,611

101	Total Taxes Other than Income Taxes		(Line 100)	14,144,611
-----	--	--	------------	-------------------

Return \ Capitalization Calculations

102	Long Term Interest		p117.62.c through 67.c	375,469,950
103	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
104	Proprietary Capital	(Note P)	Attachment 5	11,445,990,245
105	Less Accumulated Other Comprehensive Income Account 219	(Note P)	Attachment 5	381,672
106	Less Preferred Stock		(Line 114)	0
107	Less Account 216.1	(Note P)	Attachment 5	196,890
108	Common Stock		(Line 104 - 105 - 106 - 107)	11,445,411,683
Capitalization				
109	Long Term Debt	(Note P)	Attachment 5	9,583,380,700
110	Less: Loss on Reacquired Debt	(Note P)	Attachment 5	45,429,390
111	Plus: Gain on Reacquired Debt	(Note P)	Attachment 5	0
112	Less: ADIT associated with Gain or Loss	(Note P)	Attachment 5	601,942
113	Total Long Term Debt		(Line 109 - 110 + 111 - 112)	9,537,349,368
114	Preferred Stock	(Note P)	Attachment 5	0
115	Common Stock		(Line 108)	11,445,411,683
116	Total Capitalization		(Sum Lines 113 to 115)	20,982,761,051
117	Debt %	Total Long Term Debt	(Line 109 / (Line 109 + 114 + 115))	45.57%
118	Preferred %	Preferred Stock	(Line 114 / (Line 109 + 114 + 115))	0.00%
119	Common %	Common Stock	(Line 115 / (Line 109 + 114 + 115))	54.43%
120	Debt Cost	Total Long Term Debt	(Line 102 / Line 113)	0.0394
121	Preferred Cost	Preferred Stock	(Line 103 / Line 114)	0.0000
122	Common Cost	Common Stock	(Note J) Fixed	0.1040
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * Line 120)	0.0179
124	Weighted Cost of Preferred	Preferred Stock	(Line 118 * Line 121)	0.0000
125	Weighted Cost of Common	Common Stock	(Line 119 * Line 122)	0.0566
126	Rate of Return on Rate Base (ROR)		(Sum Lines 123 to 125)	0.0745
127	Investment Return = Rate Base * Rate of Return		(Line 65 * Line 126)	791,960,723

Composite Income Taxes

Income Tax Rates				
128	FIT=Federal Income Tax Rate	(Note I)		21.00%
129	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	9.00%
130	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
131	T	$T = 1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p) =$		28.11%
132	T / (1-T)			39.10%
ITC Adjustment				
133	Amortized Investment Tax Credit	(Note O)	Attachment 5	-525,189
134	1/(1-T)		1 / (1 - Line 131)	139.10%
135	Net Plant Allocation Factor		(Line 18)	62.83%
136	ITC Adjustment Allocated to Transmission		(Line 133 * Line 134 * Line 135)	-458,997
State and Local Tax Credits				
137	State and Local Tax Credits	(Note O)	Attachment 5	0
138	1/(1-T)		1 / (1 - Line 131)	139.10%
139	State and Local Tax Credit Adjustment		(Line 137 * Line 138)	0
Deficient/Excess Deferred Taxes Amortization				
140	Amortized Deficient Deferred Taxes (Account 410.1)	(Note S & V)		0
141	Amortized Excess Deferred Taxes (Account 411.1)	(Note T & V)	enter negative	-3,054,643
142	Total		(Line 140 + Line 141)	-3,054,643
143	1/(1-T)		1 / (1 - Line 131)	139.10%
144	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 142 * Line 143)	-4,249,051
AFUDC Equity Permanent Difference				
145	Tax Effect of AFUDC Equity Permanent Difference	(Note U)		1,521,949
146	1/(1-T)		1 / (1 - Line 131)	139.10%
147	AFUDC Equity Permanent Difference Tax Adjustment		(Line 145 * Line 146)	2,117,052
148	Income Tax Component =	$(T/(1-T)) * Investment Return * (1-(WCLTD/ROR)) =$	[Line 132 * Line 127 * (1 - (Line 123 / Line 126))]	235,138,714
149	Total Income Taxes		(Lines 136 + 139 + 144 + 147 + 148)	232,547,718

Revenue Requirement

Summary				
150	Net Property, Plant & Equipment		(Line 48)	13,227,750,449
151	Total Adjustment to Rate Base		(Line 64)	-2,603,914,587
152	Rate Base		(Line 65)	10,623,835,863
153	Total Transmission O&M		(Line 87)	136,553,898
154	Total Transmission Depreciation & Amortization		(Line 99)	338,116,242
155	Taxes Other than Income		(Line 101)	14,144,611
156	Investment Return		(Line 127)	791,960,723
157	Income Taxes		(Line 149)	232,547,718

158	Gross Revenue Requirement		(Sum Lines 153 to 157)	1,513,323,191
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
159	Transmission Plant In Service		(Line 24)	14,670,297,858
160	Excluded Transmission Facilities	(Note B & M)	Attachment 5	0
161	Included Transmission Facilities		(Line 159 - Line 160)	14,670,297,858
162	Inclusion Ratio		(Line 161 / Line 159)	100.00%
163	Gross Revenue Requirement		(Line 158)	1,513,323,191
164	Adjusted Gross Revenue Requirement		(Line 162 * Line 163)	1,513,323,191
Revenue Credits & Interest on Network Credits				
165	Revenue Credits	(Note O)	Attachment 3	26,068,107
166	Interest on Network Credits	(Note N & O)	Attachment 5	0
167	Net Revenue Requirement		(Line 164 - Line 165 + Line 166)	1,487,255,085
Net Plant Carrying Charge				
168	Gross Revenue Requirement		(Line 158)	1,513,323,191
169	Net Transmission Plant, CWIP and Abandoned Plant		(Line 24 - Line 37 + Line 53 + Line 54)	13,169,186,259
170	Net Plant Carrying Charge		(Line 168 / Line 169)	11.4914%
171	Net Plant Carrying Charge without Depreciation		(Line 168 - Line 88) / Line 169	8.9823%
172	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 168 - Line 88 - Line 127 - Line 149) / Line 169	1.2027%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE				
173	Gross Revenue Requirement Less Return and Taxes		(Line 158 - Line 156 - Line 157)	488,814,750
174	Increased Return and Taxes		Attachment 4	1,104,940,642
175	Net Revenue Requirement per 100 Basis Point increase in ROE		(Line 173 + Line 174)	1,593,755,393
176	Net Transmission Plant, CWIP and Abandoned Plant		(Line 24 - Line 37 + Line 53 + Line 54)	13,169,186,259
177	Net Plant Carrying Charge per 100 Basis Point increase in ROE		(Line 175 / Line 176)	12.1022%
178	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		(Line 175 - Line 88) / Line 176	9.5930%
179	Net Revenue Requirement		(Line 167)	1,487,255,085
180	True-up amount		Attachment 6	26,247,089
181	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission zones		Attachment 7	6,236,122
182	Facility Credits under Section 30.9 of the PJM OATT		Attachment 5	0
183	Net Zonal Revenue Requirement		(Line 179 + 180 + 181 + 182)	1,519,738,296
Network Zonal Service Rate				
184	1 CP Peak	(Note L)	Attachment 5	9,557.3
185	Rate (\$/MW-Year)		(Line 183 / 184)	159,013.30
186	Network Service Rate (\$/MW/Year)		(Line 185)	159,013.30

Notes

- A Electric portion only
- B Calculated using 13-month average balances.
- C Includes Transmission portion only. At each annual informational filing, Company will identify for each parcel of land an intended use within a 15 year period.
- D Includes all EPRI Annual Membership Dues
- E Includes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in FERC Form 1 at 351.h.
- H CWIP can only be included if authorized by the Commission.
- I The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes
- J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC.
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense until changed by a filing at FERC.
The actual Annual PBOP Expense to be included in the Formula Rate Annual Update that is required to be filed on or before October 15 of each year shall be based upon the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees for PBOP and as included by the Company in its most recent True-up Adjustment filing.
PSEG will provide, in connection with each annual True-Up Adjustment filing a confidential copy of relevant pages from annual actuarial valuation report supporting the derivation of the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees.
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a filing at FERC.
If book depreciation rates are different than the Attachment 8 rates, PSE&G will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to FERC Form 1 amounts.
- K Education and outreach expenses relating to transmission, for example siting or billing
- L As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A.
Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 166.
- O Expenses reflect full year plan
- P The projected capital structure shall reflect the capital structure from the FERC Form 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form 1 data available.
Calculated using the average of the prior year and current year balances.
- Q Calculated using beginning and year end projected balances.
- R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion.

S Includes the amortization of any deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.

Deficient deferred income taxes will increase tax expense by the amount of the deficiency multiplied by (1/1-T) (Line 144).

T Includes the amortization of any excess deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.

Excess deferred income taxes will decrease tax expense by the amount of the excess multiplied by (1/1-T) (Line 144).

U Includes the annual income tax cost or benefits due to the AFUDC Equity permanent difference. (1/1-T) multiplied by the amount of AFUDC Equity permanent difference included in Line 145 and will increase or decrease tax expense by the amount of the expense or benefit included on Line 145 multiplied by (1/1-T) (Line 147).

V Unamortized Excess/Deficient Deferred Tax Regulatory Liabilities/Assets and the Amortization of those Regulatory Liabilities/Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

END

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year**

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>A&G Expense Related</i>	<i>Total ADIT</i>	
<i>ADIT- 282 (Not Subject to Proration)</i>	(711,426,851)	0	(4,633,723)	0		From Acct. 282 (Not Subject to Proration) total, below
<i>ADIT-283</i>	0	(2,924,517)	0	0		From Acct. 283 total, below
<i>ADIT-190</i>	0	0	0	2,554,532		From Acct. 190 total, below
<i>Subtotal</i>	(711,426,851)	(2,924,517)	(4,633,723)	2,554,532		
<i>Wages & Salary Allocator</i>			18.5000%			
<i>Net Plant Allocator</i>		62.8294%				
<i>Multi-Factor A&G Expense Allocator</i>				30.3298%		
<i>End of Year ADIT</i>	(711,426,851)	(1,837,457)	(857,239)	774,784	(713,346,762)	
<i>End of Previous Year ADIT (from Sheet 1A-ADIT)</i>	(647,342,821)	(2,527,246)	(866,443)	850,624	(649,887,886)	
<i>Average Beginning and End of Year ADIT</i>	(679,384,836)	(2,182,351)	(862,841)	812,704	(681,617,324)	
<i>ADIT- 282 (Subject to Proration)</i>	(1,324,708,263)	0	(2,829,151)	0	(1,327,537,414)	From Acct. 282 (Subject to Proration) total, below
<i>Total Accumulated Deferred Income Taxes</i>					(2,009,154,738)	Appendix A, Line 49

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 112
(2,924,517) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-G and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
<i>ADIT-190</i>							
Vacation Pay	723,739	0	0	0	0	723,739	Vacation pay earned and expensed for books, tax deduction when paid. This includes the associated non-grossed-up excess deferred tax balance that resides in Account 254.
OPEB	75,645,474	0	0	0	0	75,645,474	FASB 106 - Post Retirement Obligation, A&G Expense related.
Deferred Compensation	1,830,793	0	0	0	0	1,830,793	Book estimate accrued and expensed, tax deduction when paid - A&G Expense related
Gross-up on Excess Deferred Income Taxes	447,943,231	447,943,231	0	0	0	0	Represents gross-up on excess deferred tax balance that resides in Account 254
Casualty Ins Proceed	2,705,630	2,705,630	0	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation
Contribution in Aid of Construction	11,956,405	11,956,405	0	0	0	0	Contribution in Aid of Construction
Customer Advances	12,525,915	12,525,915	0	0	0	0	The difference between Customer Advances for Construction and other services and refunded amount
Injuries and Damanges	4,350,945	4,350,945	0	0	0	0	Flow Through of the benefit of the payments vs and increases in the reserve
Bad Debts	19,989,234	19,989,234	0	0	0	0	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Subtotal - p234	577,671,366	499,471,360	0	0	0	78,200,006	
Less FASB 109 Above if not separately removed							
Less FASB 106 Above if not separately removed	75,645,474	0	0	0	0	75,645,474	
Total	502,025,892	499,471,360	0	0	0	2,554,532	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year**

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
<i>ADIT- 282 (Not Subject to Proration)</i>							
Depreciation - Liberalized Depreciation (Federal)	(319,548,659)	0	(319,548,659)	0	0	0	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(613,153,310)	(216,641,395)	(391,878,192)	0	(4,633,723)	0	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(179,987,886)	(107,908,119)	(71,619,689)	0	(460,078)	0	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - ADIT- 282 (Not Subject to Proration)	(1,112,689,855)	(324,549,514)	(783,046,540)	0	(5,093,801)	0	
Less FASB 109 Above if not separately removed	(179,987,886)	(107,908,119)	(71,619,689)	0	(460,078)	0	
Less FASB 106 Above if not separately removed							

Total ADIT- 282 (Not Subject to Proration)		(932,701,969)	(216,641,395)	(711,426,851)	0	(4,633,723)	0	
A	B	C	D	E	F	G	H	
<i>ADIT- 282 (Subject to Proration)</i>	<i>Total</i>	<i>Gas, Prod Or Other Related</i>	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>A&G Expense Related</i>	<i>Justification</i>	
Depreciation - Liberalized Depreciation (Federal)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	0	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT	
Subtotal - ADIT- 282 (Subject to Proration)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	0		
Less FASB 109 Above if not separately removed								
Less FASB 106 Above if not separately removed								
Total ADIT- 282 (Subject to Proration)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	0		

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year

A	B	C	D	E	F	G	H	
<i>ADIT- 283</i>	<i>Total</i>	<i>Gas, Prod Or Other Related</i>	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>A&G Expense Related</i>	<i>Justification</i>	
New Jersey Corporation Business Tax	(40,719,248)	(40,719,248)	0	0	0	0	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT	
Accelerated Activity Plan	(32,582,054)	(32,582,054)	0	0	0	0	Demand Side management and Associated Proqrams - Retail Related	
Additional Pension Deduction	(111,662,750)	(111,662,750)	0	0	0	0	Associated with Pension Liability not in rates	
Loss on Reacquired Debt	(2,924,517)	0	0	(2,924,517)	0	0	Tax deduction when reacquired, booked amortizes to expense	
Deferred Gain	(37,962,417)	(37,962,417)	0	0	0	0	Deferred gain resulted from 2000 deregulation step up basis	
Environmental Cleanup Costs	(1,441,487)	(1,441,487)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments	
Casualty Loss	(64,638,126)	(64,638,126)	0	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation	
Clause	(58,576,767)	(58,576,767)	0	0	0	0	The difference between the book over/(under) recovery vs tax realization event	
Investment in NJ Properties	(1,628,277)	(1,628,277)	0	0	0	0	The difference between the book and tax in investment	
Performance Incentive Plan Adj	(938,879)	(938,879)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments	
Real Estate Taxes	(2,815,981)	(2,815,981)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments	
Assessment by BPU of the State of NJ	(601,942)	(601,942)	0	0	0	0	BPU's assessment that were incurred and deducted in the current year based on all events test	
OCI Rubbi Trust	(2,853,314)	(2,853,314)	0	0	0	0	Unrealized gains and losses on equity security investments	
Service Company Charge Out	(2,222,884)	(2,222,884)	0	0	0	0	Allocable share of the Service Company tax reform adjustment	
Miscellaneous	(1,086,941)	(1,086,941)	0	0	0	0	Miscellaneous Tax Adjustments	
Accounting for Income Taxes (FAS109) - Federal	(86,117,584)	0	0	(86,117,584)	0	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation	
Subtotal - p277	(448,773,168)	(359,731,067)	0	(89,042,101)	0	0		
Less FASB 109 Above if not separately removed	(86,117,584)	0	0	(86,117,584)	0	0		
Less FASB 106 Above if not separately removed								
Total	(362,655,584)	(359,731,067)	0	(2,924,517)	0	0		

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year

	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Total ADIT	
ADIT- 282 (Not Subject to Proration)	(647,342,821)	0	(4,694,285)	0		From Acct. 282 (Not Subject to Proration) total, below
ADIT-283	0	(4,022,394)	0	0		From Acct. 283 total, below
ADIT-190	0	0	0	2,804,582		From Acct. 190 total, below
Subtotal	(647,342,821)	(4,022,394)	(4,694,285)	2,804,582		
Wages & Salary Allocator			18,5000%			
Net Plant Allocator		62.8294%				
Multi-Factor A&G Expense Allocator				30.3298%		
End of Year ADIT	(647,342,821)	(2,527,246)	(868,443)	850,624	(649,887,886)	

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 112
 (4,022,394) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-G and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

ADIT-190	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
Vacation Pay		573,742	0	0	0	0	573,742	Vacation pay earned and expensed for books, tax deduction when paid. This includes the associated non-grossed-up excess deferred tax balance that resides in Account 254.
OPEB		86,857,011	0	0	0	0	86,857,011	FASB 106 - Post Retirement Obligation, A&G Expense related.
Deferred Compensation		2,230,840	0	0	0	0	2,230,840	Book estimate accrued and expensed, tax deduction when paid - A&G Expense related
Gross-up on Excess Deferred Income Taxes		477,500,944	477,500,944	0	0	0	0	Represents gross-up on excess deferred tax balance that resides in Account 254
Casualty Ins Proceed		2,705,630	2,705,630	0	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation
Contribution in Aid of Construction		9,436,405	9,436,405	0	0	0	0	Contribution in Aid of Construction
Customer Advances		10,005,915	10,005,915	0	0	0	0	The difference between Customer Advances for Construction and other services and refunded amount
Injuries and Damanges		4,590,960	4,590,960	0	0	0	0	Flow Through of the benefit of the payments vs and increases in the reserve
Bad Debts		20,003,703	20,003,703	0	0	0	0	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Subtotal - p234		613,905,150	524,243,557	0	0	0	89,661,593	
Less FASB 109 Above if not separately removed								
Less FASB 106 Above if not separately removed		86,857,011	0	0	0	0	86,857,011	
Total		527,048,139	524,243,557	0	0	0	2,804,582	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year

ADIT- 282 (Not Subject to Proration)	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
Depreciation - Liberalized Depreciation (Federal)		(301,979,009)	0	(301,979,009)	0	0	0	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column G represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)		(560,623,086)	(210,564,969)	(345,363,812)	0	(4,694,285)	0	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column G represents estimated electrical distribution ADIT
Accounting for Income Taxes		(194,373,753)	(124,678,749)	(69,228,290)	0	(466,714)	0	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - ADIT- 282 (Not Subject to Proration)		(1,056,975,828)	(335,243,718)	(716,571,111)	0	(5,160,999)	0	
Less FASB 109 Above if not separately removed		(194,373,753)	(124,678,749)	(69,228,290)	0	(466,714)	0	
Less FASB 106 Above if not separately removed								
Total ADIT- 282 (Not Subject to Proration)		(862,602,075)	(210,564,969)	(647,342,821)	0	(4,694,285)	0	

A B C D E F G H

ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	0	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Subtotal - ADIT- 282 (Subject to Proration)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	0	
Less FASB 109 Above if not separately removed							
Less FASB 106 Above if not separately removed							
Total ADIT- 282 (Subject to Proration)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	0	

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year

ADIT- 283	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
New Jersey Corporation Business Tax		(35,648,601)	(35,648,601)	0	0	0	0	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan		(27,527,187)	(27,527,187)	0	0	0	0	Demand Side management and Associated Programs - Retail Related
Additional Pension Deduction		(105,183,661)	(105,183,661)	0	0	0	0	Associated with Pension Liability not in rates
Loss on Reacquired Debt		(4,022,394)	0	0	(4,022,394)	0	0	Tax deduction when reacquired, booked amortizes to expense
Deferred Gain		(38,328,713)	(38,328,713)	0	0	0	0	Deferred gain resulted from 2000 deregulation step up basis
Environmental Cleanup Costs		(1,441,487)	(1,441,487)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments
Casualty Loss		(58,768,714)	(58,768,714)	0	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation
Clause		(61,880,151)	(61,880,151)	0	0	0	0	The difference between the book over/(under) recovery vs tax realization event
Investment in NJ Properties		(1,628,277)	(1,628,277)	0	0	0	0	The difference between the book and tax in investment
Performance Incentive Plan Adj		(938,879)	(938,879)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments
Real Estate Taxes		(2,815,981)	(2,815,981)	0	0	0	0	The difference between the book expense and tax deduction which is based on payments
Assessment by BPU of the State of NJ		(601,942)	(601,942)	0	0	0	0	BPU's assessment that were incurred and deducted in the current year based on all events test
OCI Rabbi Trust		(1,743,751)	(1,743,751)	0	0	0	0	Unrealized gains and losses on equity security investments
Service Company Charge Out		(2,222,884)	(2,222,884)	0	0	0	0	Allocable share of the Service Company tax reform adjustment
Miscellaneous		(1,496,119)	(1,496,119)	0	0	0	0	Miscellaneous Tax Adjustments
Accounting for Income Taxes (FAS109) - Federal		(86,245,446)	0	0	(86,245,446)	0	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277		(430,494,187)	(340,226,347)	0	(90,267,840)	0	0	
Less FASB 109 Above if not separately removed		(86,245,446)	0	0	(86,245,446)	0	0	
Less FASB 106 Above if not separately removed								
Total		(344,248,741)	(340,226,347)	0	(4,022,394)	0	0	

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 2 - Taxes Other Than Income Worksheet

<i>Other Taxes</i>	<i>Page 263 Col (i)</i>	<i>Allocator</i>	<i>Allocated Amount</i>
Plant Related			
1 Real Estate	25,030,000		Attachment 5
2 Total Plant Related	25,030,000	N/A	11,184,000 Attachment 5
Labor Related			
Wages & Salary Allocator			
3 FICA	14,983,585		
4 Federal Unemployment Tax	83,242		
5 New Jersey Unemployment Tax	624,316		
6 New Jersey Workforce Development	312,158		
7			
8 Total Labor Related	16,003,301	18.5000%	2,960,611
Other Included			
Net Plant Allocator			
9			
10			
11			
12			
13 Total Other Included	0	62.8294%	0
14 Total Included (Lines 2 + 8 + 13)	41,033,301		14,144,611
Currently Excluded			
15 Corporate Business Tax			
16 TEFA			
17 Use & Sales Tax			
18 Local Franchise Tax			
19 PA Corporate Income Tax			
20 Municipal Utility			
21 Public Utility Fund			
22 Subtotal, Excluded	0		
23 Total, Included and Excluded (Line 14 + Line 22)	41,033,301		
24 Total Other Taxes from p114.14.g - Actual	41,033,301		
25 Difference (Line 23 - Line 24)	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail they shall not be included. Real Estate taxes are directly assigned to Transmission.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 3 - Revenue Credit Workpaper

Accounts 450 & 451		Page #'s & Instructions
1 Late Payment Penalties Allocated to Transmission	0	Company Records
Account 454 - Rent from Electric Property		
2 Rent from Electric Property - Transmission Related (Note 2)	752,960	Company Records
Account 456 - Other Electric Revenues		
3 Transmission for Others	0	Company Records
4 Schedule 1A	4,700,000	Company Records
5 Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)	12,000,000	Company Records
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner	50,000	Company Records
7 Professional Services (Note 2)	7,342,216	Company Records
8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)	4,833,125	Company Records
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)	29,678,301	Company Records
10 Gross Revenue Credits	(Sum Lines 1-9)	
	<u>29,678,301</u>	
11 Less line 18	- line 18	
	(3,610,194)	
12 Total Revenue Credits	line 10 + line 11	
	<u>26,068,107</u>	
13 Revenues associated with lines 2, 7, and 9 (Note 2)	5,636,085	
14 Income Taxes associated with revenues in line 13	1,584,303	
15 One half margin ((line 13 - line 14)/2)	2,025,891	
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.	-	
17 Line 15 plus line 16	2,025,891	
18 Line 13 less line 17	3,610,194	

Note 1 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Note 2 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). PSE&G will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 13-18, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE			
	100 Basis Point increase in ROE and Income Taxes		Line 27 + Line 50 from below	1,104,940,642
B	100 Basis Point increase in ROE			1.00%
Return Calculation				
			Appendix A Line or Source Reference	
1	Rate Base		(Line 48 + Line 64)	10,623,835,863
2	Long Term Interest		p117.62.c through 67.c	375,469,950
3	Preferred Dividends	enter positive	p118.29.d	0
	Common Stock			
4	Proprietary Capital		Attachment 5	11,445,990,245
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	381,672
6	Less Preferred Stock		(Line 114)	0
7	Less Account 216.1		Attachment 5	196,890
8	Common Stock		(Line 104 - 105 - 106 - 107)	11,445,411,683
	Capitalization			
9	Long Term Debt		Attachment 5	9,583,380,700
10	Less: Loss on Reacquired Debt		Attachment 5	45,429,390
11	Plus: Gain on Reacquired Debt		Attachment 5	0
12	Less: ADIT associated with Gain or Loss		Attachment 5	601,942
13	Total Long Term Debt		(Line 109 - 110 + 111 - 112)	9,537,349,368
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 108)	11,445,411,683
16	Total Capitalization		(Sum Lines 113 to 115)	20,982,761,051
17	Debt %	Total Long Term Debt	(Line 109 / (Line 109 + 114 + 115))	45.6%
18	Preferred %	Preferred Stock	(Line 114 / (Line 109 + 114 + 115))	0.0%
19	Common %	Common Stock	(Line 115 / (Line 109 + 114 + 115))	54.4%
20	Debt Cost	Total Long Term Debt	(Line 102 / Line 113)	0.0394
21	Preferred Cost	Preferred Stock	(Line 103 / Line 114)	0.0000
22	Common Cost	Common Stock	(Line 122 + 100 basis points)	0.1140
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * Line 120)	0.0179
24	Weighted Cost of Preferred	Preferred Stock	(Line 118 * Line 121)	0.0000
25	Weighted Cost of Common	Common Stock	(Line 119 * Line 122)	0.0620
26	Rate of Return on Rate Base (ROR)		(Sum Lines 123 to 125)	0.0800
27	Investment Return = Rate Base * Rate of Return		(Line 65 * Line 126)	849,783,432
Composite Income Taxes				
	Income Tax Rates			
28	FIT=Federal Income Tax Rate			21.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
31	T	$T=1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)$		28.11%
32	CIT = T / (1-T)			39.10%
33	1 / (1-T)			139.10%
	ITC Adjustment			
34	Amortized Investment Tax Credit		Attachment 5	-525,189
35	1/(1-T)		1 / (1 - Line 131)	139.10%
36	Net Plant Allocation Factor		(Line 18)	62.8294%
37	ITC Adjustment Allocated to Transmission		(Line 133 * Line 134 * Line 135)	-458,997
	State and Local Tax Credits			
38	State and Local Tax Credits		Attachment 5	0
39	1/(1-T)		1 / (1 - Line 131)	139.10%
40	State and Local Tax Credit Adjustment		(Line 137 * Line 138)	0
	Deficient/Excess Deferred Taxes Amortization			
41	Amortized Deficient Deferred Taxes (Account 410.1)		(Line 140)	0
42	Amortized Excess Deferred Taxes (Account 411.1)		(Line 141)	-3,054,643
43	Total		(Line 140 + Line 141)	-3,054,643
44	1/(1-T)		1 / (1 - Line 131)	139.10%
45	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 142 * Line 143)	-4,249,051
	AFUDC Equity Permanent Difference			
46	Tax Effect of AFUDC Equity Permanent Difference		(Line 145)	1,521,949
47	1/(1-T)		1 / (1 - Line 131)	139.10%
48	AFUDC Equity Permanent Difference Tax Adjustment		(Line 145 * Line 146)	2,117,052
49	Income Tax Component =	$CIT=(T/(1-T)) * Investment\ Return * (1-(WCLTD/R)) =$		257,748,206
50	Total Income Taxes		(Lines 37 + 40 + 45 + 48 + 49)	255,157,210

Adjustments to A & G Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
69	Total A&G Expenses	(Note O)	p323.197.b	48,276,942
70	Actual FBOP expense	(Note J)	Company Records	-42,325,481
71	Actual FBOP expense	(Note O)	Company Records	-42,325,481

Regulatory Expense Related to Transmission Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Allocated General & Common Expenses				
73	Regulatory Commission Exp Account 928	(Note E & O)	p323.189.b	10,718,936
Directly Assigned A&G				
79	Transmission Regulatory Commission Exp Account 928	(Note G & O)	p350	600,000

General & Common Expenses

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
75	EPRI Dues	(Note D & O)	p352-353	0

Safety Related Advertising Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
Directly Assigned A&G						
83	General Advertising Exp Account 930.1	(Note F & O)	p323.191.b	2,576,107	0	2,576,107

Education and Out Reach Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Education & Outreach	Other
Directly Assigned A&G						
80	General Advertising Exp Account 930.1	(Note K & O)	p323.191.b	2,576,107	0	2,576,107

Depreciation Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Depreciation Expense				
88	Depreciation-Transmission	(Note J & O)	p336.7.f	330,429,294
90	Depreciation-General & Common	(Note J & O)	p336.10.f & .11.f	27,132,186
91	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	5,283,117
93	Depreciation-Intangible	(Note A & O)	p336.11.f	16,484,348
97	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	695,266

Direct Assignment of Transmission Real Estate Taxes

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related	Non-Transmission
100	Real Estate Taxes - Directly Assigned to Transmission		p263.33.i	25,030,000	11,184,000	13,846,000

PSE&G's real estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which are billed on a quarterly basis for various parcels of property by major classification. Every parcel is associated with a Lot & Block number. These Lot & Blocks are identified to a particular type of property and are labeled. This is the breakout of transmission real estate taxes from total electric.

Return \ Capitalization

Line #s	Descriptions	Notes	Page #'s & Instructions	2018 End of Year	2019 End of Year	Average
104	Proprietary Capital	(Note P)	p112.16.c.d	10,948,602,628	11,943,377,961	11,445,990,245
105	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.19.c.d	-749,352	1,512,696	381,672
107	Account 216.1	(Note P)	p119.53.c&d	271,890	121,890	196,890
109	Long Term Debt	(Note P)	p112.18.c.d thru 21.c.d	9,258,380,700	9,908,380,700	9,583,380,700
110	Loss on Reacquired Debt	(Note P)	p111.81.c.d	48,560,802	42,297,978	45,429,390
111	Gain on Reacquired Debt	(Note P)	p113.61.c.d	0	0	-
112	ADIT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k (footnote)	601,942	601,942	601,942
114	Preferred Stock	(Note P)	p112.3.c.d	0	0	-

MultiState Workpaper

Line #s	Descriptions	Notes	Page #'s & Instructions	State 1	State 2	State 3
Income Tax Rates						
129	SIT-Slate Income Tax Rate or Composite	(Note I)		NJ	9.00%	

Amortized Investment Tax Credit

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
133	Amortized Investment Tax Credit	(Note O)	p266.8.f (footnote), enter negative	-525,189

State and Local Tax Credits

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Allocators	Transmission Related
	State and Local Tax Credits					
	Labor-related	(Note O)	Tax Return, enter negative	0	18.50%	0
	Plant-related	(Note O)	Tax Return, enter negative	0	62.33%	0
	Transmission-related	(Note O)	Tax Return, enter negative	0	100.00%	0
137	Total			0		0

Excluded Transmission Facilities

Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average
160	Excluded Transmission Facilities	(Note B & M)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Interest on Outstanding Network Credits Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
166	Interest on Network Credits	(Note N & O)		0

Facility Credits under Section 30.9 of the PJM OATT

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
182	Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT			0

PJM Load Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	1 CP Peak
184	Network Zonal Service Rate 1 CP Peak	(Note L)	PJM Data	9.557.3

Abandoned Transmission Projects

Line #s	Descriptions	Notes	Page #'s & Instructions	Project X	Project Y	Project Z
	a Beginning Balance of Unamortized Transmission Plant		Per FERC Order			
	b Amortization Period (Months)		Per FERC Order			
	c Monthly Amortization		(line a / line b)	-	-	-
89	d Months in Year to be Amortized	(Note R)	(c * d)			
	e Amortization in Rate Year			-	-	-
	f Beginning of Year Balance of Unamortized Transmission Plant					
	g End of Year Balance of Unamortized Transmission Plant		(f - e)	-	-	-
54	h Average Balance of Unamortized Abandoned Transmission Plant	(Note R)	(f + g)/2	-	-	-

Unfunded Reserves

Line #s	List of all reserves:	BOY Balance	EOY Balance	Average Balance	Enter 1 if the		Allocation	Amount Allocated
					accrual account is included in a trust or reserved account, enter zero (0) if included in a trust or reserved account	formula rate, enter zero (0) if the accrual account is NOT included in the formula rate		
	Injuries and Damages (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h) = (d * e * f * g * x * h)
	(5,036,354)	(5,285,820)	(5,285,827)	1.00	1.00	100%	30.33%	(1,602,956)
	Worker's Compensation (A&G)	(130,205)	(134,048)	(132,127)	1.00	1.00	100%	(40,074)
	Worker's Compensation (Transmission)	(2,530,393)	(2,605,079)	(2,567,736)	1.00	1.00	100%	(2,567,736)
	SERP and Deferred Compensation	14,188,813	10,178,502	12,183,658	0.00	1.00	100%	0
	Annual Incentive Plan (A&G)	(369,157)	(364,032)	(366,595)	1.00	1.00	100%	(111,187)
	Annual Incentive Plan (Transmission)	(7,174,157)	(7,074,550)	(7,124,354)	1.00	1.00	100%	(7,124,354)
	Vacation Accruals	(928,236)	(928,236)	(928,236)	1.00	1.00	100%	(928,236)
	Environmental Reserves	(1,548,300)	(1,194,000)	(1,371,250)	1.00	1.00	100%	(1,371,250)
62	Total	(3,528,189)	(7,655,263)	(5,591,726)				(13,745,792)

Notes:
The Formula Rate shall include a credit to rate base for all unfunded reserves (funds collected from customers that (1) have not been set aside in a trust, escrow or restricted account; (2) whose balance are collected from customers through cost accruals to accounts that are recovered under the Formula Rate; and (3) exclude the portion of any balance offset by a balance sheet account). The allocator in Col. (h) will be the same allocator used in the formula for the cost accruals to the account that is recovered under the Formula Rate. Since reserves can be created by an offsetting balance sheet account, rather than through cost accruals, the amount to be deducted from rate base should exclude the portion offset by another balance sheet account.

Unfunded Reserve amounts in Col. (b), (c) and (d) are to be entered as a negative.

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2021**

True-up Revenue Requirement For Year 2019	Projection Revenue Requirement For Year 2019	True-up Adjustment - (Over)/Under Recovery	True-up Year:	2019
\$1,191,163,080	\$1,167,126,032	\$24,037,048	Intermediate Year:	2020
			Rate Year:	2021

Month	(Refunds)/Surcharges	Cumulative (Refunds)/Surcharges - Beginning of Month (Without Interest)	Base for Quarterly Compound Interest	Base for Monthly Interest	Monthly Interest Rate	Calculated Interest	Amortization	Cumulative (Refunds)/Surcharges and Interest - End of Month
Calculation of Interest								
<i>True-Up Year</i>								
1/1/2019	2,003,087	-	-	-	0.440%	-	-	2,003,087
2/1/2019	2,003,087	2,003,087	-	2,003,087	0.400%	8,012	-	4,014,187
3/1/2019	2,003,087	4,006,175	-	4,006,175	0.440%	17,627	-	6,034,901
4/1/2019	2,003,087	6,009,262	25,640	6,034,901	0.450%	27,157	-	8,065,146
5/1/2019	2,003,087	8,012,349	25,640	8,037,989	0.460%	36,975	-	10,105,208
6/1/2019	2,003,087	10,015,437	25,640	10,041,076	0.450%	45,185	-	12,153,480
7/1/2019	2,003,087	12,018,524	134,956	12,153,480	0.470%	57,121	-	14,213,689
8/1/2019	2,003,087	14,021,611	134,956	14,156,567	0.470%	66,536	-	16,283,312
9/1/2019	2,003,087	16,024,699	134,956	16,159,655	0.450%	72,718	-	18,359,118
10/1/2019	2,003,087	18,027,786	331,332	18,359,118	0.460%	84,452	-	20,446,657
11/1/2019	2,003,087	20,030,873	331,332	20,362,205	0.450%	91,630	-	22,541,374
12/1/2019	2,003,087	22,033,961	331,332	22,365,292	0.460%	102,880	-	24,647,342
<i>Intermediate Year</i>								
1/1/2020	-	24,037,048	610,294	24,647,342	0.420%	103,519	-	24,750,861
2/1/2020	-	24,037,048	610,294	24,647,342	0.390%	96,125	-	24,846,985
3/1/2020	-	24,037,048	610,294	24,647,342	0.420%	103,519	-	24,950,504
4/1/2020	-	24,037,048	913,456	24,950,504	0.390%	97,307	-	25,047,811
5/1/2020	-	24,037,048	913,456	24,950,504	0.400%	99,802	-	25,147,613
6/1/2020	-	24,037,048	913,456	24,950,504	0.390%	97,307	-	25,244,920
7/1/2020	-	24,037,048	1,207,872	25,244,920	0.290%	73,210	-	25,318,130
8/1/2020	-	24,037,048	1,207,872	25,244,920	0.290%	73,210	-	25,391,341
9/1/2020	-	24,037,048	1,207,872	25,244,920	0.280%	70,686	-	25,462,027
10/1/2020	-	24,037,048	1,424,979	25,462,027	0.280%	71,294	-	25,533,320
11/1/2020	-	24,037,048	1,424,979	25,462,027	0.270%	68,747	-	25,602,068
12/1/2020	-	24,037,048	1,424,979	25,462,027	0.280%	71,294	-	25,673,361
(Over)/Under Recovery Plus Interest Amortized and Recovered Over 12 Months								
<i>Rate Year</i>								
1/1/2021	-	24,037,048	1,636,313	25,673,361	0.342%	87,717	(2,187,257)	23,573,821
2/1/2021	-	24,037,048	1,636,313	23,573,821	0.342%	80,544	(2,187,257)	21,467,108
3/1/2021	-	24,037,048	1,636,313	21,467,108	0.342%	73,346	(2,187,257)	19,353,196
4/1/2021	-	24,037,048	1,877,921	19,353,196	0.342%	66,123	(2,187,257)	17,232,062
5/1/2021	-	24,037,048	1,877,921	17,232,062	0.342%	58,876	(2,187,257)	15,103,681
6/1/2021	-	24,037,048	1,877,921	15,103,681	0.342%	51,604	(2,187,257)	12,968,028
7/1/2021	-	24,037,048	2,054,524	12,968,028	0.342%	44,307	(2,187,257)	10,825,078
8/1/2021	-	24,037,048	2,054,524	10,825,078	0.342%	36,986	(2,187,257)	8,674,806
9/1/2021	-	24,037,048	2,054,524	8,674,806	0.342%	29,639	(2,187,257)	6,517,188
10/1/2021	-	24,037,048	2,165,457	6,517,188	0.342%	22,267	(2,187,257)	4,352,197
11/1/2021	-	24,037,048	2,165,457	4,352,197	0.342%	14,870	(2,187,257)	2,179,810
12/1/2021	-	24,037,048	2,165,457	2,179,810	0.342%	7,448	(2,187,257)	-

True-Up Adjustment with Interest	26,247,089
Less (Over)/Under Recovery	24,037,048
Total Interest	2,210,041

Note 1: The revenue requirements based on actual and projected costs included for the previous calendar year excludes the true-up adjustment and is sourced from the Net Zonal Revenue Requirement line on Appendix A.

Note 2: The monthly interest rates to be applied to the over recovery or under recovery amounts during the true-up year and the intermediate year will be determined using the monthly FERC interest rates (as determined pursuant to 18 C.F.R. Section 35.19a) posted at <https://www.ferc.gov/interest-calculation-rates-and-methodology>. The monthly interest rate to be applied to the over recovery or under recovery amounts each month during the rate year will equal a simple average of the 12 monthly interest rates for the intermediate year.

Note 3: An over or under collection will be recovered prorata over the true-up year, held for the intermediate year and returned prorata over the rate year.

This section is used to input and compute the interest rates to be applied to each year's revenue requirement true-ups.

Applicable FERC Interest Rate (Note A):	
1	1/1/2019
2	2/1/2019
3	3/1/2019
4	4/1/2019
5	5/1/2019
6	6/1/2019
7	7/1/2019
8	8/1/2019
9	9/1/2019
10	10/1/2019
11	11/1/2019

12	12/1/2019	0.460%
13	1/1/2020	0.420%
14	2/1/2020	0.390%
15	3/1/2020	0.420%
16	4/1/2020	0.390%
17	5/1/2020	0.400%
18	6/1/2020	0.390%
19	7/1/2020	0.290%
20	8/1/2020	0.290%
21	9/1/2020	0.280%
22	10/1/2020	0.280%
23	11/1/2020	0.270%
24	12/1/2020	0.280%
25	Average Monthly Rate - Lines 13- 24	0.342%

Note A - Lines 1-24 are the FERC interest rates under section 35.19a of the regulations for the period shown, as posted at <https://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories, including a summary row at the bottom.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Table with 25 columns and 10 rows, containing numerical data for various categories.

Public Notice Meeting and the Hearing
 Attachment 7 - Transmission Design Budget Worksheet (DC)

Public Notice Meeting and the Hearing
 Attachment 7 - Transmission Design Budget Worksheet (DC)

Public Notice Meeting and the Hearing
 Attachment 7 - Transmission Design Budget Worksheet (DC)

Public Notice Meeting and the Hearing
 Attachment 7 - Transmission Design Budget Worksheet (DC)

Item	Category	Rate	Unit	Quantity	Amount	Notes
1	Non-Fuel Energy Charge					
2	Fixed Charge (FC)	100%				
3	FC	100%				
4	FC	100%				
5	FC	100%				
6	FC	100%				
7	FC	100%				
8	FC	100%				
9	FC	100%				
10	FC	100%				
11	FC	100%				
12	FC	100%				
13	FC	100%				
14	FC	100%				
15	FC	100%				
16	FC	100%				
17	FC	100%				
18	FC	100%				
19	FC	100%				
20	FC	100%				
21	FC	100%				
22	FC	100%				
23	FC	100%				
24	FC	100%				
25	FC	100%				
26	FC	100%				
27	FC	100%				
28	FC	100%				
29	FC	100%				
30	FC	100%				
31	FC	100%				
32	FC	100%				
33	FC	100%				
34	FC	100%				
35	FC	100%				
36	FC	100%				
37	FC	100%				
38	FC	100%				
39	FC	100%				
40	FC	100%				
41	FC	100%				
42	FC	100%				
43	FC	100%				
44	FC	100%				
45	FC	100%				
46	FC	100%				
47	FC	100%				
48	FC	100%				
49	FC	100%				
50	FC	100%				
51	FC	100%				
52	FC	100%				
53	FC	100%				
54	FC	100%				
55	FC	100%				
56	FC	100%				
57	FC	100%				
58	FC	100%				
59	FC	100%				
60	FC	100%				
61	FC	100%				
62	FC	100%				
63	FC	100%				
64	FC	100%				
65	FC	100%				
66	FC	100%				
67	FC	100%				
68	FC	100%				
69	FC	100%				
70	FC	100%				
71	FC	100%				
72	FC	100%				
73	FC	100%				
74	FC	100%				
75	FC	100%				
76	FC	100%				
77	FC	100%				
78	FC	100%				
79	FC	100%				
80	FC	100%				
81	FC	100%				
82	FC	100%				
83	FC	100%				
84	FC	100%				
85	FC	100%				
86	FC	100%				
87	FC	100%				
88	FC	100%				
89	FC	100%				
90	FC	100%				
91	FC	100%				
92	FC	100%				
93	FC	100%				
94	FC	100%				
95	FC	100%				
96	FC	100%				
97	FC	100%				
98	FC	100%				
99	FC	100%				
100	FC	100%				

Item	Category	Rate	Unit	Quantity	Amount	Notes
1	Non-Fuel Energy Charge					
2	Fixed Charge (FC)	100%				
3	FC	100%				
4	FC	100%				
5	FC	100%				
6	FC	100%				
7	FC	100%				
8	FC	100%				
9	FC	100%				
10	FC	100%				
11	FC	100%				
12	FC	100%				
13	FC	100%				
14	FC	100%				
15	FC	100%				
16	FC	100%				
17	FC	100%				
18	FC	100%				
19	FC	100%				
20	FC	100%				
21	FC	100%				
22	FC	100%				
23	FC	100%				
24	FC	100%				
25	FC	100%				
26	FC	100%				
27	FC	100%				
28	FC	100%				
29	FC	100%				
30	FC	100%				
31	FC	100%				
32	FC	100%				
33	FC	100%				
34	FC	100%				
35	FC	100%				
36	FC	100%				
37	FC	100%				
38	FC	100%				
39	FC	100%				
40	FC	100%				
41	FC	100%				
42	FC	100%				
43	FC	100%				
44	FC	100%				
45	FC	100%				
46	FC	100%				
47	FC	100%				
48	FC	100%				
49	FC	100%				
50	FC	100%				
51	FC	100%				
52	FC	100%				
53	FC	100%				
54	FC	100%				
55	FC	100%				
56	FC	100%				
57	FC	100%				
58	FC	100%				
59	FC	100%				
60	FC	100%				
61	FC	100%				
62	FC	100%				
63	FC	100%				
64	FC	100%				
65	FC	100%				
66	FC	100%				
67	FC	100%				
68	FC	100%				
69	FC	100%				
70	FC	100%				
71	FC	100%				
72	FC	100%				
73	FC	100%				
74	FC	100%				
75	FC	100%				
76	FC	100%				
77	FC	100%				
78	FC	100%				
79	FC	100%				
80	FC	100%				
81	FC	100%				
82	FC	100%				
83	FC	100%				
84	FC	100%				
85	FC	100%				
86	FC	100%				
87	FC	100%				
88	FC	100%				
89	FC	100%				
90	FC	100%				
91	FC	100%				
92	FC	100%				
93	FC	100%				
94	FC	100%				
95	FC	100%				
96	FC	100%				
97	FC	100%				
98	FC	100%				
99	FC	100%				
100	FC	100%				

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7A - True-up Adjustment for Transmission Enhancement Charges (TECs) (PJM OATT Schedule 12) - December 31, 2021

TEC True-up Revenue Requirement For Year 2019	TEC Projection Revenue Requirement For Year 2019	TEC True-up Adjustment - (Over)/Under Recovery	True-up Year:	2019
\$509,614,867	\$490,646,817	\$18,968,050	Intermediate Year:	2020
			Rate Year:	2021

Month	(Refunds)/Surcharges	Cumulative (Refunds)/Surcharges - Beginning of Month (Without Interest)	Base for Quarterly Compound Interest	Base for Monthly Interest	Monthly Interest Rate	Calculated Interest	Amortization	Cumulative (Refunds)/Surcharges and Interest - End of Month
Calculation of Interest								
<i>True-Up Year</i>								
1/1/2019	1,580,671	-	-	-	0.440%	-	-	1,580,671
2/1/2019	1,580,671	1,580,671	-	1,580,671	0.400%	6,323	-	3,167,664
3/1/2019	1,580,671	3,161,342	-	3,161,342	0.400%	13,910	-	4,762,245
4/1/2019	1,580,671	4,742,012	20,233	4,762,245	0.450%	21,430	-	6,364,346
5/1/2019	1,580,671	6,322,683	20,233	6,342,916	0.460%	29,177	-	7,974,194
6/1/2019	1,580,671	7,903,354	20,233	7,923,587	0.450%	35,656	-	9,590,521
7/1/2019	1,580,671	9,484,025	106,496	9,590,521	0.470%	45,075	-	11,216,267
8/1/2019	1,580,671	11,064,696	106,496	11,171,192	0.470%	52,505	-	12,849,443
9/1/2019	1,580,671	12,645,367	106,496	12,751,863	0.450%	57,383	-	14,487,497
10/1/2019	1,580,671	14,226,037	261,460	14,487,497	0.460%	66,642	-	16,134,810
11/1/2019	1,580,671	15,806,708	261,460	16,068,168	0.450%	72,307	-	17,787,788
12/1/2019	1,580,671	17,387,379	261,460	17,648,839	0.460%	81,185	-	19,449,643
<i>Intermediate Year</i>								
1/1/2020	-	18,968,050	481,594	19,449,643	0.420%	81,689	-	19,531,332
2/1/2020	-	18,968,050	481,594	19,449,643	0.390%	75,854	-	19,607,185
3/1/2020	-	18,968,050	481,594	19,449,643	0.420%	81,689	-	19,688,874
4/1/2020	-	18,968,050	720,824	19,688,874	0.390%	76,787	-	19,765,661
5/1/2020	-	18,968,050	720,824	19,688,874	0.400%	78,755	-	19,844,416
6/1/2020	-	18,968,050	720,824	19,688,874	0.390%	76,787	-	19,921,203
7/1/2020	-	18,968,050	953,153	19,921,203	0.290%	57,771	-	19,978,974
8/1/2020	-	18,968,050	953,153	19,921,203	0.290%	57,771	-	20,036,746
9/1/2020	-	18,968,050	953,153	19,921,203	0.280%	55,779	-	20,092,525
10/1/2020	-	18,968,050	1,124,475	20,092,525	0.280%	56,259	-	20,148,784
11/1/2020	-	18,968,050	1,124,475	20,092,525	0.270%	54,250	-	20,203,034
12/1/2020	-	18,968,050	1,124,475	20,092,525	0.280%	56,259	-	20,259,293
(Over)/Under Recovery Plus Interest Amortized and Recovered Over 12 Months								
<i>Rate Year</i>								
1/1/2021	-	18,968,050	1,291,243	20,259,293	0.342%	69,219	(1,726,003)	18,602,510
2/1/2021	-	18,968,050	1,291,243	18,602,510	0.342%	63,559	(1,726,003)	16,940,066
3/1/2021	-	18,968,050	1,291,243	16,940,066	0.342%	57,879	(1,726,003)	15,271,941
4/1/2021	-	18,968,050	1,481,900	15,271,941	0.342%	52,179	(1,726,003)	13,598,118
5/1/2021	-	18,968,050	1,481,900	13,598,118	0.342%	46,460	(1,726,003)	11,918,576
6/1/2021	-	18,968,050	1,481,900	11,918,576	0.342%	40,722	(1,726,003)	10,233,295
7/1/2021	-	18,968,050	1,621,261	10,233,295	0.342%	34,964	(1,726,003)	8,542,256
8/1/2021	-	18,968,050	1,621,261	8,542,256	0.342%	29,186	(1,726,003)	6,845,439
9/1/2021	-	18,968,050	1,621,261	6,845,439	0.342%	23,389	(1,726,003)	5,142,825
10/1/2021	-	18,968,050	1,708,799	5,142,825	0.342%	17,571	(1,726,003)	3,434,394
11/1/2021	-	18,968,050	1,708,799	3,434,394	0.342%	11,734	(1,726,003)	1,720,126
12/1/2021	-	18,968,050	1,708,799	1,720,126	0.342%	5,877	(1,726,003)	-

TEC True-Up Adjustment with Interest	20,712,031
Less TEC (Over)/Under Recovery	18,968,050
Total Interest	1,743,982

Note 1: The revenue requirements based on actual and projected costs included for the previous calendar year for PJM OATT Schedule 12 Transmission Enhancement Charges (Attachment 7).

Note 2: The monthly interest rates to be applied to the over recovery or under recovery amounts during the true-up year and the intermediate year will be determined using the monthly FERC interest rates (as determined pursuant to 18 C.F.R. Section 35.19a) posted at <https://www.ferc.gov/interest-calculation-rates-and-methodology>. The monthly interest rate to be applied to the over recovery or under recovery amounts each month during the rate year will equal a simple average of the 12 monthly interest rates for the intermediate year.

Note 3: An over or under collection of a TEC will be recovered prorata over the true-up year, held for the intermediate year and returned prorata over the rate year.

This section lists the interest rates to be applied to each year's revenue requirement true-ups from Attachment 6.

Applicable FERC Interest Rate (Note A):		
1	1/1/2019	0.440%
2	2/1/2019	0.400%
3	3/1/2019	0.440%
4	4/1/2019	0.450%
5	5/1/2019	0.460%
6	6/1/2019	0.450%
7	7/1/2019	0.470%
8	8/1/2019	0.470%
9	9/1/2019	0.450%
10	10/1/2019	0.460%
11	11/1/2019	0.450%
12	12/1/2019	0.460%

13	1/1/2020	0.420%
14	2/1/2020	0.390%
15	3/1/2020	0.420%
16	4/1/2020	0.390%
17	5/1/2020	0.400%
18	6/1/2020	0.390%
19	7/1/2020	0.290%
20	8/1/2020	0.290%
21	9/1/2020	0.280%
22	10/1/2020	0.280%
23	11/1/2020	0.270%
24	12/1/2020	0.280%
25	Average Monthly Rate - Lines 13- 24	0.342%

Note A - Lines 1-24 are the FERC interest rates under section 35.19a of the regulations for the period shown, as posted at <https://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 8 - Depreciation Rates

<u>FERC Account</u>	<u>Account Description</u>	<u>Depreciation Rate</u>
Transmission		
350.30	Sidewalks and Curbs	1.12%
352.00	Structures and Improvements	1.44%
353.00	Station Equipment	2.24%
354.00	Towers and Fixtures	1.27%
355.00	Poles and Fixtures	1.47%
356.00	Overhead Conductors and Devices	2.11%
357.00	Underground Conduit	1.07%
358.00	Underground Conductors and Devices	2.54%
359.00	Roads and Trails	0.57%
Intangible, General and Common		
303.00	Intangible Plant	Various
390.00	Structures and Improvements	1.40%
390.11	Leasehold - Improvements	Various
390.30	Improvements Other than Park Plaza	1.40%
391.10	Office Furniture	5.00%
391.20	Office Equipment	25.00%
391.30	Office Computer Equipment	14.29%
391.33	Office Personal Computers	33.33%
392.11	Transportation Equipment 13K lb and below	Various
392.20	Transportation Equipment over 13K lb	Various
393.00	Stores Equipment	14.29%
394.00	Tools, Shop and Garage Equipment	14.29%
395.00	Laboratory Equipment	20.00%
396.00	Power Operated Equipment	Various
397.00	Communications Equipment	10.00%
398.00	Miscellaneous Equipment	14.29%

Depreciation Rates as approved by the Commission in Docket ER21-2450.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 9 - Excess/(Deficient) Deferred Income Taxes - FERC Order 864 Worksheet (4)

Line No.	Year	Description:	Vintage:	Beginning of the Year Excess/(Deficient) ADIT Regulatory Liability/(Asset)			D=(C*Tax Gross-up rate) (1)	E=(C+D)	Amortization Period		Amount Amortized			L=(K*Tax Gross-up rate) (1)	M=(K+L)	End of the Year Balance		
				Protected	Unprotected	Total Excess/(Deficient) Deferred Taxes	Income Tax Gross-Up	Total Account 254/(Account 182.3)	Protected	Unprotected	FERC Account No. (3)	Protected	Unprotected	Total Amortization	Income Tax Gross-Up	Total Amortization with Gross-up	Excess/(Deficient) DIT	Excess/(Deficient) DIT with Gross-Up
				Original Account 282	Original Account 190/282/283	Account 254/(Account 182.3)												
1	2021	Protected	2017 TCJA	(2)	674,572,091	674,572,091	263,767,165	938,339,256	ARAM		411.1	(3,054,643)	(3,054,643)	(1,194,408)	(4,249,051)	671,517,448	934,090,204	
2	2021	Unprotected	2017 TCJA	(2)	-	-	-	-	1 Year		411.1	-	-	-	-	-	-	
3		Total Excess/(Deficient) DIT:			674,572,091	-	674,572,091	263,767,165				(3,054,643)	-	(3,054,643)	(1,194,408)	(4,249,051)	671,517,448	934,090,204

Notes:

- (1) The Tax Cuts and Jobs Act was enacted on December 22, 2017 ("TCJA"). The TCJA reduced the federal corporate income tax rate from 35% to 21%, effective January 1, 2018. The composite and gross-up rates used for the remeasurement of ADIT balances are:

	Pre TCJA	Post TCJA
Federal income tax rate	35.00%	21.00%
State income tax rate	9.00%	9.00%
Federal benefit of deduction for state income tax	-3.15%	-1.89%
Composite federal/state income tax rate	40.85%	28.11%
Composite federal/state tax gross-up factor	1.69062	1.39101

- (2) These amounts represent the future refunds to customers of PSE&G's excess deferred income tax liabilities as a result of the TCJA reduction in the federal corporate income tax rate effective January 1, 2018 and as reflected in PSE&G's FERC-approved Section 205 filing in Docket No. ER19-204.
- (3) Excess DIT is amortized to FERC Account 411.1 and Deficient DIT is amortized to FERC Account 410.1.
- (4) Unamortized Excess/(Deficient) Deferred Tax Regulatory Liabilities/(Assets) and the amortization of those Regulatory Liabilities/(Assets) arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Public Service Electric and Gas Company
 Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
 12 Months Ended December 31, 2021

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2021) *	Anticipated/Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,614,102	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$ 86,467,721	Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom	\$ 22,188,863	May-07
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$ 27,005,248	May-08
b0161	Install 230-138kV transformer at Metuchen substation	\$ 25,654,455	Nov-09
b0169	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	\$ 15,731,554	May-09
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	May-08
b0172.2	Replace wave trap at Branchburg 500kV substation	\$ 27,988	Feb-08
b0274	Replace both 230/138 kV transformers at Roseland	\$ 21,014,433	May-09
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$ 9,158,918	May-10
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$ 20,626,991	Dec-11
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$ 21,163,173	May-11
b0290	Branchburg 400 MVAR Capacitor	\$ 77,234,030	Nov-12
b0472	Saddle Brook - Athenia Upgrade Cable	\$ 14,404,842	Nov-12
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	\$ 18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	\$ 6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$ 45,985,436	Dec-12
b1410-b1415	Replace Salem 500 kV breakers	\$ 15,865,267	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	\$ 21,732,218	May-13
b1155	Branchburg-Middlesex Swich Rack	\$ 62,938,142	Dec-13
b1399	Aldene-Springfield Rd. Conversion	\$ 72,364,662	Dec-14
b1590	Upgrade Camden-Richmond 230kV Circuit	\$ 11,276,183	Apr-14
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,087,610	May-15
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,515,077	Dec-15
b1255	Ridge Road 69kV Breaker Station	\$ 43,252,771	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 32,029,640	Nov-15
b0376	Install Conemaugh 250MVAR Cap Bank	\$ 1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt	\$ 22,063,708	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T	\$ 157,750,572	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV	\$ 22,307,024	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers	\$ 5,857,687	Jun-10
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$ 40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 721,910,808	Mar-12
b1156	Burlington - Camden 230kV Conversion	\$ 356,574,888	Oct-11
b1398-b1398.7	Mickleton-Gloucester-Camden	\$ 438,447,199	Jun-13
b1154	North Central Reliability (West Orange Conversion)	\$ 369,946,472	Jun-12
b1304.1-b1304.4	Northeast Grid Reliability Project	\$ 625,130,258	Jun-13
b1304.5-b1304.21	Northeast Grid Reliability Project	\$ 350,930,285	Dec-16
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$ 179,505,240	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 66,220,634	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 48,882,238	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	\$ 158,366,737	Dec-15
b2436.34	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades	\$ 126,295,227	Apr-18

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2021) *	Anticipated/Actual In-Service Date *
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	\$ 65,231,920	Apr-18
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 43,200,622	Dec-15
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	\$ 81,612,264	Dec-15
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 54,736,672	Dec-15
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 54,736,672	Dec-15
b2436.84	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 53,301,490	Dec-15
b2436.85	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 53,301,489	Dec-15
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$ 31,273,305	May-16
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	\$ 24,999,416	Jun-16
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 27,869,743	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	\$ 27,869,743	Jun-16
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 9,121,932	Dec-15
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$ 9,121,932	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	\$ 33,717,092	Jul-16
b2437.33	New Bayonne 345/69 kV transformer and any associated substation upgrades	\$ 14,557,847	Apr-18
b2633.4	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	\$ 41,811,787	Dec-20
b2633.5	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	\$ 58,285,249	Dec-20
b2955	Rebuild Aldene-Warinnanco-Linden VFT 230kV Circuit	\$ 97,815,766	Jun-20
b2986.12	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg)	\$ 489,863	Jun-21
b2986.21	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg - East Flemington)	\$ 52,106,859	Jun-21
b2835.1	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road)	\$ 88,399,297	May-18
b2835.2	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave)	\$ 56,043,073	May-18
b2835.3	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen)	\$ 8,643,783	Mar-19
b2836.2	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Hunterglen - Trenton)	\$ 77,807,835	May-18
b2836.3	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook)	\$ 50,819,876	May-19
b2836.4	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Devils Brook - Trenton)	\$ 97,374,325	Apr-19
b2837.1	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville K)	\$ 34,796,685	Nov-17
b2837.2	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave K)	\$ 11,645,817	Nov-17
b2837.3	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Y)	\$ 8,152,734	Jan-19
b2837.4	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Bustleton Y)	\$ 31,599,478	Jan-19
b2837.5	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Y)	\$ 33,100,434	Dec-19
b2837.6	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville F)	\$ 34,665,190	Apr-19
b2837.7	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F)	\$ 11,263,048	Apr-19
b2837.8	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Z)	\$ 8,152,734	Jan-19
b2837.9	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z)	\$ 3,030,513	Jan-19
b2837.10	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z)	\$ 28,573,369	Dec-19
b2837.11	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Z)	\$ 34,069,851	Dec-19
	Total	\$ 5,883,560,161	

* May vary from original PJM Data due to updated information.

Attachment 10 (PSE&G FERC Current Formula Rate Filing)

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

12 Months Ended
12/31/2021

Shaded cells are input cells

Allocators

Wages & Salary Allocation Factor				
1	Transmission Wages Expense	(Note O)	Attachment 5	37,389,490
2	Total Wages Expense	(Note O)	Attachment 5	208,105,351
3	Less A&G Wages Expense	(Note O)	Attachment 5	6,000,000
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	202,105,351
5	Wages & Salary Allocator		(Line 1 / Line 4)	18.5000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	25,461,808,189
7	Common Plant in Service - Electric		(Line 22)	248,986,792
8	Total Plant in Service		(Line 6 + 7)	25,710,794,981
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	4,532,681,464
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,075,642
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	50,554,202
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	72,229,346
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	4,661,540,654
14	Net Plant		(Line 8 - Line 13)	21,049,254,328
15	Transmission Gross Plant		(Line 31)	14,777,415,275
16	Gross Plant Allocator		(Line 15 / Line 8)	57.4755%
17	Transmission Net Plant		(Line 43)	13,223,565,551
18	Net Plant Allocator		(Line 17 / Line 14)	62.8220%

Plant Calculations

Plant In Service				
19	Transmission Plant In Service	(Note B)	Attachment 5	14,670,297,858
20	General	(Note B)	Attachment 5	337,061,626
21	Intangible - Electric	(Note B)	Attachment 5	13,443,636
22	Common Plant - Electric	(Note B)	Attachment 5	248,986,792
23	Total General, Intangible & Common Plant		(Line 20 + Line 21 + Line 22)	599,492,054
24	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5	10,757,529
25	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5	41,888,660
26	General and Intangible Excluding Acct. 397		(Line 23 - Line 24 - Line 25)	546,845,865
27	Wage & Salary Allocator		(Line 5)	18.5000%
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	101,166,485
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	5,950,932
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	107,117,417
31	Total Plant In Rate Base		(Line 19 + Line 30)	14,777,415,275
Accumulated Depreciation				
32	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	1,505,296,497
33	Accumulated General Depreciation	(Note B & J)	Attachment 5	131,531,418
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	118,594,995
35	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	24,113,568
36	Balance of Accumulated General Depreciation		(Line 33 + Line 34 - Line 35)	226,012,845
37	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	6,075,642
38	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 36 + 37)	232,088,486
39	Wage & Salary Allocator		(Line 5)	18.5000%
40	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 38 * Line 39)	42,936,370
41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmission	(Note B & J)	Attachment 5	5,616,857
42	Total Accumulated Depreciation		(Lines 32 + 40 + 41)	1,553,849,724
43	Total Net Property, Plant & Equipment		(Line 31 - Line 42)	13,223,565,551

Public Service Electric and Gas Company				12 Months Ended 12/31/2021
ATTACHMENT H-10A				
Formula Rate -- Appendix A		Notes	FERC Form 1 Page # or Instruction	
Shaded cells are input cells				
Adjustment To Rate Base				
44	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-2,009,471,467
Regulatory Assets and Liabilities				
44a	Deficient Deferred Taxes Regulatory Asset (Account 182.)	enter positive (Note V)		0
44b	Excess Deferred Taxes Regulatory Liability (Account 254)	enter negative (Note V)		-673,157,053
44c	Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission		(Line 44a + 44b)	-673,157,053
45	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	0
Abandoned Transmission Projects				
45a	Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	0
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	20,881,499
Prepayments				
47	Prepayments	(Note A & Q)	Attachment 5	467,498
Materials and Supplies				
48	Undistributed Stores Expense	(Note Q)	Attachment 5	0
49	Wage & Salary Allocator		(Line 5)	18.5000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note N & Q)	Attachment 5	5,882,981
52	Total Materials & Supplies Allocated to Transmission		(Line 50 + Line 51)	5,882,981
Cash Working Capital				
53	Operation & Maintenance Expense		(Line 80)	143,482,929
54	1/8th Rule		1/8	12.5%
55	Total Cash Working Capital Allocated to Transmission		(Line 53 * Line 54)	17,935,366
Network Credits				
56	Outstanding Network Credits	(Note N & Q)	Attachment 5	0
57	Total Adjustment to Rate Base		(Lines 44 + 44c + 45 + 45a + 46 + 47 + 52 + 55 - 56)	(2,637,461,176)
58	Rate Base		(Line 43 + Line 57)	10,586,104,375
Operations & Maintenance Expense				
Transmission O&M				
59	Transmission O&M	(Note O)	Attachment 5	123,700,000
60	Plus Transmission Lease Payments	(Note O)	Attachment 5	0
61	Transmission O&M		(Lines 59 + 60)	123,700,000
Allocated Administrative & General Expenses				
62	Total A&G	(Note O)	Attachment 5	104,867,700
63	Plus: Actual PBOP expense	(Note J)	Attachment 5	-42,325,481
64	Less: Actual PBOP expense	(Note O)	Attachment 5	-42,325,481
65	Less Property Insurance Account 924	(Note O)	Attachment 5	5,058,406
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5	10,718,936
67	Less General Advertising Exp Account 930.1	(Note O)	Attachment 5	2,576,107
68	Less EPRI Dues	(Note D & O)	Attachment 5	0
69	Administrative & General Expenses		Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	86,514,251
70	Wage & Salary Allocator		(Line 5)	18.5000%
71	Administrative & General Expenses Allocated to Transmission		(Line 69 * Line 70)	16,005,136
Directly Assigned A&G				
72	Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5	600,000
73	General Advertising Exp Account 930.1	(Note K & O)	Attachment 5	0
74	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 72 + Line 73)	600,000
75	Property Insurance Account 924		(Line 65)	5,058,406
76	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5	0
77	Total Accounts 928 and 930.1 - General		(Line 75 + Line 76)	5,058,406
78	Net Plant Allocator		(Line 18)	62.8220%
79	A&G Directly Assigned to Transmission		(Line 77 * Line 78)	3,177,793
80	Total Transmission O&M		(Lines 61 + 71 + 74 + 79)	143,482,929

Public Service Electric and Gas Company				
ATTACHMENT H-10A				
Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2021	
Shaded cells are input cells				
Depreciation & Amortization Expense				
Depreciation Expense				
81	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	348,684,591
81a	Amortization of Abandoned Plant Projects	(Note R)	Attachment 5	0
82	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	27,132,186
83	Less: Amount of General Depreciation Expense Associated with Acct. 397	(Note J & O)	Attachment 5	5,283,117
84	Balance of General Depreciation Expense		(Line 82 - Line 83)	21,849,069
85	Intangible Amortization	(Note A & O)	Attachment 5	16,484,348
86	Total		(Line 84 + Line 85)	38,333,417
87	Wage & Salary Allocator		(Line 5)	18.50%
88	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 86 * Line 87)	7,091,682
89	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission	(Note J & O)	Attachment 5	595,266
90	General Depreciation and Intangible Amortization Functionalized to Transmission		(Line 88 + Line 89)	7,686,948
91	Total Transmission Depreciation & Amortization		(Lines 81 + 81a + 90)	356,371,539
Taxes Other than Income Taxes				
92	Taxes Other than Income Taxes	(Note O)	Attachment 2	14,144,611
93	Total Taxes Other than Income Taxes		(Line 92)	14,144,611
Return \ Capitalization Calculations				
94	Long Term Interest		p117.62.c through 67.c	375,469,950
95	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
96	Proprietary Capital	(Note P)	Attachment 5	11,445,990,245
97	Less Accumulated Other Comprehensive Income Account 219	(Note P)	Attachment 5	381,672
98	Less Preferred Stock		(Line 106)	0
99	Less Account 216.1	(Note P)	Attachment 5	196,890
100	Common Stock		(Line 96 - 97 - 98 - 99)	11,445,411,683
Capitalization				
101	Long Term Debt	(Note P)	Attachment 5	9,559,323,502
102	Less Loss on Reacquired Debt	(Note P)	Attachment 5	45,429,390
103	Plus Gain on Reacquired Debt	(Note P)	Attachment 5	0
104	Less ADIT associated with Gain or Loss	(Note P)	Attachment 5	601,942
105	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	9,513,292,170
106	Preferred Stock	(Note P)	Attachment 5	0
107	Common Stock		(Line 100)	11,445,411,683
108	Total Capitalization		(Sum Lines 105 to 107)	20,958,703,852
109	Debt %	Total Long Term Debt	(Line 105 / Line 108)	45.39%
110	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.00%
111	Common %	Common Stock	(Line 107 / Line 108)	54.61%
112	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0395
113	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
114	Common Cost	Common Stock	(Note J) Fixed	0.1168
115	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0179
116	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0000
117	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0638
118	Rate of Return on Rate Base (ROR)		(Sum Lines 115 to 117)	0.0817
119	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	864,868,529

Public Service Electric and Gas Company				12 Months Ended
ATTACHMENT H-10A				12/31/2021
Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction		
Composite Income Taxes				
Income Tax Rates				
120	FIT=Federal Income Tax Rate	(Note I)		21.00%
121	SIT=State Income Tax Rate or Composite			9.00%
122	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
123	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		28.11%
124	T / (1-T)			39.10%
ITC Adjustment				
125	Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5
126	1/(1-T)			1 / (1 - Line 123)
127	Net Plant Allocation Factor			(Line 18)
128	ITC Adjustment Allocated to Transmission			(Line 125 * Line 126 * Line 127)
				-458,943
Deficient/Excess Deferred Taxes Amortization				
128a	Amortized Deficient Deferred Taxes (Account 410.1)		(Note S & V)	
128b	Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Note T & V)	
128c	Total			(Line 128a + Line 128b)
128d	1/(1-T)			1 / (1 - Line 123)
128e	Deficient/Excess Deferred Taxes Allocated to Transmission			(Line 128c * Line 128d)
				-4,249,051
AFUDC Equity Permanent Difference				
128f	Tax Effect of AFUDC Equity Permanent Difference		(Note U)	
128g	1/(1-T)			1 / (1 - Line 123)
128h	AFUDC Equity Permanent Difference Tax Adjustment			(Line 128f * Line 128g)
				1,521,949
129	Income Tax Component =	$(T/1-T) * Investment\ Return * (1-(WCLTD/ROR)) =$		[Line 124 * Line 119 * (1 - (Line 115 / Line 118))]
				264,020,941
130	Total Income Taxes			(Lines 128 + 128e + 128h + 129)
				261,429,998
Revenue Requirement				
Summary				
131	Net Property, Plant & Equipment			(Line 43)
132	Total Adjustment to Rate Base			(Line 57)
133	Rate Base			(Line 58)
				13,223,565,551
134	Total Transmission O&M			(Line 80)
135	Total Transmission Depreciation & Amortization			(Line 91)
136	Taxes Other than Income			(Line 93)
137	Investment Return			(Line 119)
138	Income Taxes			(Line 130)
139	Gross Revenue Requirement			(Sum Lines 134 to 138)
				1,640,297,606
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
140	Transmission Plant In Service			(Line 19)
141	Excluded Transmission Facilities		(Note B & M)	Attachment 5
142	Included Transmission Facilities			(Line 140 - Line 141)
143	Inclusion Ratio			(Line 142 / Line 140)
144	Gross Revenue Requirement			(Line 139)
145	Adjusted Gross Revenue Requirement			(Line 143 * Line 144)
				14,670,297,858
				0
				14,670,297,858
				100.00%
				1,640,297,606
				1,640,297,606
Revenue Credits & Interest on Network Credits				
146	Revenue Credits		(Note O)	Attachment 3
147	Interest on Network Credits		(Note N & O)	Attachment 5
148	Net Revenue Requirement			(Line 145 - Line 146 + Line 147)
				26,068,107
				0
				1,614,229,499
Net Plant Carrying Charge				
149	Gross Revenue Requirement			(Line 144)
150	Net Transmission Plant, CWIP and Abandoned Plant			(Line 19 - Line 32 + Line 45 + Line 45a)
151	Net Plant Carrying Charge			(Line 149 / Line 150)
152	Net Plant Carrying Charge without Depreciation			(Line 149 - Line 81) / Line 150
153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes			(Line 149 - Line 81 - Line 119 - Line 130) / Line 150
				1,640,297,606
				13,165,001,361
				12.4595%
				9.8110%
				1.2557%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE				
154	Gross Revenue Requirement Less Return and Taxes			(Line 144 - Line 137 - Line 138)
155	Increased Return and Taxes			Attachment 4
156	Net Revenue Requirement per 100 Basis Point increase in ROE			(Line 154 + Line 155)
157	Net Transmission Plant, CWIP and Abandoned Plant			(Line 19 - Line 32 + Line 45 + Line 45a)
158	Net Plant Carrying Charge per 100 Basis Point increase in ROE			(Line 156 / Line 157)
159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation			(Line 156 - Line 81) / Line 157
				513,999,079
				1,206,713,087
				1,720,712,165
				13,165,001,361
				13.0704%
				10.4218%
160	Net Revenue Requirement			(Line 148)
161	True-up amount			Attachment 6
162	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission zones			Attachment 7
163	Facility Credits under Section 30.9 of the PJM OATT			Attachment 5
164	Net Zonal Revenue Requirement			(Line 160 + 161 + 162 + 163)
				1,614,229,499
				25,202,660
				6,236,736
				0
				1,645,668,896
Network Zonal Service Rate				
165	1 CP Peak		(Note L)	Attachment 5
166	Rate (\$/MW-Year)			(Line 164 / 165)
				9,557.3
				172,189.67
167	Network Service Rate (\$/MW/Year)			(Line 166)
				172,189.67

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

12 Months Ended
12/31/2021

Shaded cells are input cells

Notes

- A Electric portion only
- B Calculated using 13-month average balances
- C Includes Transmission portion only. At each annual informational filing, Company will identify for each parcel of land an intended use within a 15 year period
- D Includes all EPRI Annual Membership Dues
- E Includes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h
- H CWIP can only be included if authorized by the Commission
- I The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes
- J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense until changed by a filing at FERC
The actual Annual PBOP Expense to be included in the Formula Rate Annual Update that is required to be filed on or before October 15 of each year shall be based upon the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees for PBOP and as included by the Company in its most recent True-up Adjustment filing.
PSEG will provide, in connection with each annual True-Up Adjustment filing a confidential copy of relevant pages from annual actuarial valuation report supporting the derivation of the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a filing at FERC
If book depreciation rates are different than the Attachment 8 rates, PSE&G will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to FERC Form 1 amounts
- K Education and outreach expenses relating to transmission, for example siting or billing
- L As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations
- M Amount of transmission plant excluded from rates per Attachment 5
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A
Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line "&A248&".
- O Expenses reflect full year plan
- P The projected capital structure shall reflect the capital structure from the FERC Form 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form 1 data available.
Calculated using the average of the prior year and current year balances
- Q Calculated using beginning and year end projected balances
- R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion
- S Includes the amortization of any deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.
Deficient deferred income taxes will increase tax expense by the amount of the deficiency multiplied by (1/1-T) (Line 128e).
- T Includes the amortization of any excess deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.
Excess deferred income taxes will decrease tax expense by the amount of the excess multiplied by (1/1-T) (Line 128e).
- U Includes the annual income tax cost or benefits due to the AFUDC Equity permanent difference. (1/1-T) multiplied by the amount of AFUDC Equity permanent difference included in Line 128f and will increase or decrease tax expense by the amount of the expense or benefit included on Line 128f multiplied by (1/1-T) (Line 128h).
- V Unamortized Excess/Deficient Deferred Tax Regulatory Liabilities/Assets and the Amortization of those Regulatory Liabilities/Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2021

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>Total ADIT</i>	
<i>ADIT- 282 (Not Subject to Proration)</i>	(711,426,851)	0	(4,633,723)		From Acct. 282 (Not Subject to Proration) total, below
<i>ADIT-283</i>	0	(2,924,517)	0		From Acct. 283 total, below
<i>ADIT-190</i>	0	0	2,554,532		From Acct. 190 total, below
<i>Subtotal</i>	(711,426,851)	(2,924,517)	(2,079,191)		
<i>Wages & Salary Allocator</i>			18.5000%		
<i>Net Plant Allocator</i>		62.8220%			
<i>End of Year ADIT</i>	(711,426,851)	(1,837,240)	(384,650)	(713,648,742)	
<i>End of Previous Year ADIT (from Sheet 1A-ADIT)</i>	(647,342,821)	(2,526,949)	(349,595)	(650,219,365)	
<i>Average Beginning and End of Year ADIT</i>	(679,384,836)	(2,182,095)	(367,123)	(681,934,053)	
<i>ADIT- 282 (Subject to Proration)</i>	(1,324,708,263)	0	(2,829,151)	(1,327,537,414)	From Acct. 282 (Subject to Proration) total, below
<i>Total Accumulated Deferred Income Taxes</i>				(2,009,471,467)	Appendix A, Line 44

Note: ADIT associated with Gain or Loss on Recquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
 (2,924,517) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
<i>ADIT-190</i>						
Vacation Pay	723,739	-	-	-	723,739	Vacation pay earned and expensed for books, tax deduction when paid. This includes the associated non-grossed-up excess deferred tax balance that resides in Account 254.
OPFB	75,645,474	-	-	-	75,645,474	FASB 106 - Post Retirement Obligation, labor related
Deferred Compensation	1,830,793	-	-	-	1,830,793	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Gross-up on Excess Deferred Income Taxes	447,943,231	447,943,231	-	-	-	Represents gross-up on excess deferred tax balance that resides in Account 254
Casualty Ins Proceed	2,705,630	2,705,630	-	-	-	Receipt of casualty proceeds which is taxed via future depreciation
Contribution in Aid of Construction	11,956,405	11,956,405	-	-	-	Contribution in Aid of Construction
Customer Advances	12,525,915	12,525,915	-	-	-	The difference between Customer Advances for Construction and other services and refunded amount
Injuries and Damanges	4,350,945	4,350,945	-	-	-	Flow Through of the benefit of the payments vs and increases in the reserve
Bad Debts	19,989,234	19,989,234	-	-	-	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Subtotal - p234	577,671,366	499,471,360	0	0	78,200,006	
Less FASB 109 Above if not separately removed	-	-	-	0	-	
Less FASB 106 Above if not separately removed	75,645,474	-	-	-	75,645,474	
Total	502,025,892	499,471,360	0	0	2,554,532	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2021

-186620216.3 -310533076.7 0 -4419366.415

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT- 282 (Not Subject to Proration)						
Depreciation - Liberalized Depreciation (Federal)	(319,548,659)	-	(319,548,659)	-	-	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(613,153,310)	(216,641,395)	(391,878,192)	-	(4,633,723)	
Accounting for Income Taxes	(179,987,886)	(107,908,119)	(71,619,689)	-	(460,078)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - ADIT- 282 (Not Subject to Proration)	(1,112,689,855)	(324,549,514)	(783,046,540)	0	(5,093,801)	
Less FASB 109 Above if not separately removed	(179,987,886)	(107,908,119)	(71,619,689)	0	(460,078)	
Less FASB 106 Above if not separately removed						
Total ADIT- 282 (Not Subject to Proration)	(932,701,969)	(216,641,395)	(711,426,851)	0	(4,633,723)	

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT- 282 (Subject to Proration)						
Depreciation - Liberalized Depreciation (Federal)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	-	(15,292,708)	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Subtotal - ADIT- 282 (Subject to Proration)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	
Less FASB 109 Above if not separately removed						
Less FASB 106 Above if not separately removed						
Total ADIT- 282 (Subject to Proration)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2021

Page 3 of 3

ADIT- 283	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
New Jersey Corporation Business Tax		(40,719,248)	(40,719,248)	-	-	-	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan		(32,582,054)	(32,582,054)	-	-	-	Demand Side management and Associated Programs - Retail Related
Additional Pension Deduction		(111,662,750)	(111,662,750)	-	-	-	Associated with Pension Liability not in rates
Loss on Recquired Debt		(2,924,517)	-	-	(2,924,517)	-	Tax deduction when reacquired, booked amortizes to expense
Deferred Gain		(37,962,417)	(37,962,417)	-	-	-	Deferred gain resulted from 2000 deregulation step up basis
Environmental Cleanup Costs		(1,441,487)	(1,441,487)	-	-	-	The difference between the book expense and tax deduction which is based on payments
Casualty Loss		(64,638,126)	(64,638,126)	-	-	-	Receipt of casualty proceeds which is taxed via future depreciation
Clause		(58,576,767)	(58,576,767)	-	-	-	The difference between the book over/(under) recovery vs tax realization event
Investment in NJ Properties		(1,628,277)	(1,628,277)	-	-	-	The difference between the book and tax in investment
Performance Incentive Plan Adj		(938,879)	(938,879)	-	-	-	The difference between the book expense and tax deduction which is based on payments
Real Estate Taxes		(2,815,981)	(2,815,981)	-	-	-	The difference between the book expense and tax deduction which is based on payments
Assessment by BPU of the State of NJ		(601,942)	(601,942)	-	-	-	BPU's assessment that were incurred and deducted in the current year based on all events test
OCI Rubbi Trust		(2,853,314)	(2,853,314)	-	-	-	Unrealized gains and losses on equity security investments
Service Company Charge Out		(2,222,884)	(2,222,884)	-	-	-	Allocable share of the Service Company tax reform adjustment
Miscellaneous		(1,086,941)	(1,086,941)	-	-	-	Miscellaneous Tax Adjustments
Accounting for Income Taxes (FAS109) - Federal		(86,117,584)	-	-	(86,117,584)	-	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277		(448,773,168)	(359,731,067)	0	(89,042,101)	0	
Less FASB 109 Above if not separately removed		(86,117,584)	-	-	(86,117,584)	-	
Less FASB 106 Above if not separately removed		-	-	-	-	-	
Total		(362,655,584)	(359,731,067)	0	(2,924,517)	0	

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2020

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>Total ADIT</i>	
ADIT- 282 (Not Subject to Proration)	(647,342,821)	0	(4,694,285)		From Acct. 282 (Not Subject to Proration) total, below
ADIT-283	0	(4,022,394)	0		From Acct. 283 total, below
ADIT-190	0	0	2,804,582		From Acct. 190 total, below
Subtotal	(647,342,821)	(4,022,394)	(1,889,703)		
Wages & Salary Allocator			18.5000%		
Net Plant Allocator		62.9220%			
End of Year ADIT	(647,342,821)	(2,526,948)	(349,595)	(650,219,365)	

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
 (4,022,394) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT-190							
Vacation Pay		573,742	0	0	0	573,742	Vacation pay earned and expensed for books, tax deduction when paid. This includes the associated non-grossed-up excess deferred tax balance that resides in Account 254.
OPEB		86,857,011	0	0	0	86,857,011	FASB 106 - Post Retirement Obligation, labor related.
Deferred Compensation		2,230,840	0	0	0	2,230,840	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Gross-up on Excess Deferred Income Taxes		477,500,944	477,500,944	0	0	0	Reconsents gross-up on excess deferred tax balance that resides in Account 254.
Casualty Ins Proceed		2,705,630	2,705,630	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation
Contribution in Aid of Construction		9,436,405	9,436,405	0	0	0	Contribution in Aid of Construction
Customer Advances		10,005,915	10,005,915	0	0	0	The difference between Customer Advances for Construction and other services and refunded amount
Injuries and Damanoes		4,590,960	4,590,960	0	0	0	Flow Through of the benefit of the payments vs and increases in the reserve
Bad Debts		20,003,703	20,003,703	0	0	0	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Subtotal - p234		613,905,150	524,243,557	0	-	89,661,593	
Less FASB 109 Above if not separately removed		-					
Less FASB 106 Above if not separately removed		86,857,011				86,857,011	
Total		527,048,139	524,243,557	0	0	2,804,582	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2020

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
<i>ADIT- 282 (Not Subject to Proration)</i>						
Depreciation - Liberalized Depreciation (Federal)	(301,979,009)	0	(301,979,009)	0	0	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(560,623,066)	(210,564,969)	(345,363,812)	0	(4,694,285)	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(194,373,753)	(124,678,749)	(69,228,290)	0	(466,714)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - ADIT- 282 (Not Subject to Proration)	(1,056,975,828)	(335,243,718)	(716,571,111)	0	(5,160,999)	
Less FASB 109 Above if not separately removed	(194,373,753)	(124,678,749)	(69,228,290)	0	(466,714)	
Less FASB 106 Above if not separately removed						
Total ADIT- 282 (Not Subject to Proration)	(862,602,075)	(210,564,969)	(647,342,821)	0	(4,694,285)	

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
<i>ADIT- 282 (Subject to Proration)</i>						
Depreciation - Liberalized Depreciation (Federal)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Subtotal - ADIT- 282 (Subject to Proration)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	
Less FASB 109 Above if not separately removed						
Less FASB 106 Above if not separately removed						
Total ADIT- 282 (Subject to Proration)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2020

A	B	C	D	E	F	G
ADIT- 283	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
New Jersey Corporation Business Tax	(35,648,601)	(35,648,601)	0	0	0	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(27,527,187)	(27,527,187)	0	0	0	Demand Side management and Associated Programs - Retail Related
Additional Pension Deduction	(105,183,661)	(105,183,661)	0	0	0	Associated with Pension Liability not in rates
Loss on Reacquired Debt	(4,022,394)	0	0	(4,022,394)	0	Tax deduction when reacquired, booked amortizes to expense
Deferred Gain	(38,328,713)	(38,328,713)	0	0	0	Deferred gain resulted from 2000 deregulation step up basis
Environmental Cleanup Costs	(1,441,487)	(1,441,487)	0	0	0	The difference between the book expense and tax deduction which is based on payments
Casualty Loss	(58,768,714)	(58,768,714)	0	0	0	Receipt of casualty proceeds which is taxed via future depreciation
Clause	(61,880,151)	(61,880,151)	0	0	0	The difference between the book over/(under) recovery vs tax realization event
Investment in NJ Properties	(1,628,277)	(1,628,277)	0	0	0	The difference between the book and tax in investment
Performance Incentive Plan Adj	(938,879)	(938,879)	0	0	0	The difference between the book expense and tax deduction which is based on payments
Real Estate Taxes	(2,815,981)	(2,815,981)	0	0	0	The difference between the book expense and tax deduction which is based on payments
Assessment by BPU of the State of NJ	(601,942)	(601,942)	0	0	0	BPU's assessment that were incurred and deducted in the current year based on all events test
OCI Rabbi Trust	(1,743,751)	(1,743,751)	0	0	0	Unrealized gains and losses on equity security investments
Service Company Charge Out	(2,222,884)	(2,222,884)	0	0	0	Allocable share of the Service Company tax reform adjustment
Miscellaneous	(1,496,119)	(1,496,119)	0	0	0	Miscellaneous Tax Adjustments
Accounting for Income Taxes (FAS109) - Federal	(86,245,446)	0	0	(86,245,446)	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(430,494,187)	(340,226,347)	0	(90,267,840)	0	
Less FASB 109 Above if not separately removed	(86,245,446)			(86,245,446)		
Less FASB 106 Above if not separately removed						
Total	(344,248,741)	(340,226,347)	0	(4,022,394)	0	

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2021

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related			
1 Real Estate	25,030,000		
2 Total Plant Related	25,030,000	N/A	11,184,000
Labor Related			
Wages & Salary Allocator			
3 FICA	14,983,585		
4 Federal Unemployment Tax	83,242		
5 New Jersey Unemployment Tax	624,316		
6 New Jersey Workforce Development	312,158		
7			
8 Total Labor Related	16,003,301	18.5000%	2,960,611
Other Included			
Net Plant Allocator			
9	0		
10	0		
11	0		
12	0		
13 Total Other Included	0	62.8220%	0
14 Total Included (Lines 8 + 14 + 19)	41,033,301		14,144,611
Currently Excluded			
15 Corporate Business Tax	0		
16 TEFA	0		
17 Use & Sales Tax	0		
18 Local Franchise Tax	0		
19 PA Corporate Income Tax	0		
20 Municipal Utility	0		
21 Public Utility Fund	0		
22 Subtotal, Excluded	0		
23 Total, Included and Excluded (Line 20 + Line 28)	41,033,301		
24 Total Other Taxes from p114.14.g - Actual	41,033,301		
25 Difference (Line 29 - Line 30)	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail they shall not be included. Real Estate taxes are directly assigned to Transmission.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 3 - Revenue Credit Workpaper - December 31, 2021

Accounts 450 & 451		
1 Late Payment Penalties Allocated to Transmission		0
Account 454 - Rent from Electric Property		
2 Rent from Electric Property - Transmission Related (Note 2)		752,960
Account 456 - Other Electric Revenues		
3 Transmission for Others		0
4 Schedule 1A		4,700,000
5 Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)		12,000,000
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner		50,000
7 Professional Services (Note 2)		7,342,216
8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)		4,833,125
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)		29,678,301
10 Gross Revenue Credits	(Sum Lines 1-9)	29,678,301
11 Less line 18	- line 18	(3,610,194)
12 Total Revenue Credits	line 10 + line 11	26,068,107
13 Revenues associated with lines 2, 7, and 9 (Note 2)		5,636,085
14 Income Taxes associated with revenues in line 13		1,584,303
15 One half margin (line 13 - line 14)/2		2,025,891
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.		-
17 Line 15 plus line 16		2,025,891
18 Line 13 less line 17		3,610,194

Note 1 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Note 2 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). PSE&G will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 13-18, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE			
	100 Basis Point increase in ROE and Income Taxes		Line 27 + Line 47 from below	1,206,713,087
B	100 Basis Point increase in ROE			1.00%
Return Calculation				
			Appendix A Line or Source Reference	
1	Rate Base		(Line 43 + Line 57)	10,586,104,375
2	Long Term Interest		p117.62.c through 67.c	375,469,950
3	Preferred Dividends	enter positive	p118.29.d	0
	Common Stock			
4	Proprietary Capital		Attachment 5	11,445,990,245
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	381,672
6	Less Preferred Stock		(Line 106)	0
7	Less Account 216.1		Attachment 5	196,890
8	Common Stock		(Line 96 - 97 - 98 - 99)	11,445,411,683
	Capitalization			
9	Long Term Debt		Attachment 5	9,559,323,502
10	Less Loss on Reacquired Debt		Attachment 5	45,429,390
11	Plus Gain on Reacquired Debt		Attachment 5	0
12	Less ADIT associated with Gain or Loss		Attachment 5	601,942
13	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	9,513,292,170
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 100)	11,445,411,683
16	Total Capitalization		(Sum Lines 105 to 107)	20,958,703,852
17	Debt %	Total Long Term Debt	(Line 105 / Line 108)	45.4%
18	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.0%
19	Common %	Common Stock	(Line 107 / Line 108)	54.6%
20	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0395
21	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
22	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.1268
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0179
24	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0000
25	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0692
26	Rate of Return on Rate Base (ROR)		(Sum Lines 115 to 117)	0.0872
27	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	922,678,556
Composite Income Taxes				
	Income Tax Rates			
28	FIT=Federal Income Tax Rate			21.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
31	T	$T=1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)$		28.11%
32	CIT = T / (1-T)			39.10%
33	1 / (1-T)			139.10%
	ITC Adjustment			
34	Amortized Investment Tax Credit	enter negative	Attachment 5	-525,189
35	1/(1-T)		1 / (1 - Line 123)	139.10%
36	Net Plant Allocation Factor		(Line 18)	62.8220%
37	ITC Adjustment Allocated to Transmission		(Line 125 * Line 126 * Line 127)	-458,943
	Deficient/Excess Deferred Taxes Amortization			
38	Amortized Deficient Deferred Taxes (Account 410.1)		(Line 128a)	0
39	Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Line 128b)	-3,054,643
40	Total		(Line 128a + Line 128b)	-3,054,643
41	1/(1-T)		1 / (1 - Line 123)	139.10%
42	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 128c * Line 128d)	-4,249,051
	AFUDC Equity Permanent Difference			
43	Tax Effect of AFUDC Equity Permanent Difference		(Line 128f)	1,521,949
44	1/(1-T)		1 / (1 - Line 123)	139.10%
45	AFUDC Equity Permanent Difference Tax Adjustment		(Line 128f * Line 128g)	2,117,052
46	Income Tax Component =	$CIT=(T/(1-T) * Investment Return * (1-(WCLTD/R)) =$		286,625,473
47	Total Income Taxes			284,034,531

Electric / Non-electric Cost Support				Previous Year	Current Year - 2021													
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average	Non-electric Portion
Plant Allocation Factors																		
6	Electric Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.104g	24,624,456,537	24,710,400,855	24,829,497,391	24,922,924,114	25,093,622,871	25,274,241,418	25,508,188,405	25,555,904,558	25,641,529,399	25,929,865,852	26,133,945,196	26,245,719,760	26,533,210,099	25,461,808,189	
7	Common Plant in Service - Electric	(Note B)	p356	222,613,510	221,820,366	221,018,348	221,040,055	234,767,210	243,942,260	250,617,756	255,666,760	260,802,063	266,622,666	273,159,312	278,377,702	286,380,293	248,986,792	
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	4,328,985,234	4,361,411,057	4,393,856,994	4,426,160,379	4,459,885,702	4,494,108,841	4,530,054,778	4,566,792,270	4,603,931,579	4,638,667,879	4,673,662,153	4,709,568,576	4,739,665,591	4,532,681,464	
10	Accumulated Intangible Amortization	(Note B)	p200.21c	4,956,214	5,135,146	5,314,078	5,493,010	5,671,942	5,867,426	6,062,910	6,258,393	6,453,877	6,649,361	6,844,845	7,040,328	7,235,812	6,075,642	
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	49,430,196	49,586,524	49,728,509	49,867,561	50,015,335	50,207,593	50,429,693	50,661,900	50,903,878	51,165,283	51,442,959	51,730,565	52,034,626	50,554,202	
12	Accumulated Common Amortization - Electric	(Note B)	p356	68,022,544	68,644,248	69,262,739	69,878,018	70,639,592	71,399,650	72,158,144	72,915,076	73,672,164	74,429,408	75,200,980	75,973,624	76,785,314	72,229,346	
Plant In Service																		
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	14,048,172,475	14,093,988,808	14,183,744,141	14,254,065,474	14,402,646,807	14,542,982,140	14,716,734,473	14,737,732,806	14,791,764,139	15,052,202,472	15,215,120,805	15,230,252,138	15,444,465,471	14,670,297,858	
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	338,648,398	336,285,130	337,441,923	336,526,336	335,631,907	336,113,921	337,426,688	337,399,464	337,057,353	336,763,125	336,492,282	336,251,723	337,661,003	337,081,626	
21	Intangible - Electric	(Note B)	p205.5.g	12,588,291	12,588,291	12,588,291	12,588,291	12,588,291	13,978,227	13,978,227	13,978,227	13,978,227	13,978,227	13,978,227	13,978,227	13,978,227	13,443,636	
22	Common Plant in Service - Electric	(Note B)	p356	222,613,510	221,820,366	221,018,348	221,040,055	234,767,210	243,942,260	250,617,756	255,666,760	260,802,063	266,622,666	273,159,312	278,377,702	286,380,293	248,986,792	
24	General Plant Account 397 - Communications	(Note B)	p207.94g	11,612,966	10,970,394	10,927,821	10,885,248	10,842,675	10,800,102	10,757,529	10,714,957	10,672,384	10,629,811	10,587,238	10,544,665	10,502,093	10,757,529	
25	Common Plant Account 397 - Communications	(Note B)	p356	39,413,491	39,413,491	39,413,491	39,413,491	39,413,491	43,435,641	43,435,641	43,435,641	43,435,641	43,435,641	43,435,641	43,435,641	43,435,641	41,888,660	
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	5,930,237	5,933,686	5,937,135	5,940,585	5,944,034	5,947,483	5,950,932	5,954,381	5,957,830	5,961,280	5,964,729	5,968,178	5,971,627	5,950,932	
Accumulated Depreciation																		
32	Transmission Accumulated Depreciation	(Note B & J)	p219.25.c	1,368,726,229	1,391,207,305	1,412,208,892	1,433,479,122	1,456,838,515	1,480,079,578	1,504,296,146	1,528,819,711	1,553,363,338	1,576,263,842	1,598,902,182	1,621,069,785	1,643,599,815	1,505,296,497	
33	Accumulated General Depreciation	(Note B & J)	p219.28.b	148,497,394	145,679,387	142,855,392	140,024,912	137,188,092	134,354,388	131,529,524	128,704,265	125,876,460	123,046,440	120,214,364	117,381,127	114,556,692	131,531,418	
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	p356	113,284,187	114,042,219	114,802,695	115,557,026	116,466,374	117,416,689	118,399,284	119,386,423	120,387,489	121,406,138	122,456,386	123,515,635	124,631,386	118,594,995	
35	Accumulated General Depreciation Associated with Acct 397	(Note B & J)	Company Records	22,252,297	22,546,340	22,844,028	23,136,361	23,434,340	23,762,482	24,090,268	24,417,701	24,744,778	25,071,501	25,397,868	25,723,892	26,049,540	24,113,568	
41	Acc. Deprec. Acct 397 Directly Assigned to Transmission	(Note B & J)	Company Records	5,396,345	5,432,992	5,469,667	5,506,371	5,543,104	5,579,866	5,616,656	5,653,475	5,690,323	5,727,199	5,764,104	5,801,038	5,838,001	5,816,857	

Wages & Salary					End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions		
2	Total Wage Expense	(Note A)	p354.28b		208,105,351
3	Total A&G Wages Expense	(Note A)	p354.27b		6,000,000
1	Transmission Wages	(Note A)	p354.21b		37,389,490

Transmission / Non-transmission Cost Support					Beginning Year	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions				
Plant Held for Future Use (Including Land)				(Note C & Q)	p214.47.d		
46	Transmission Only				20,771,176	21,982,176	21,376,676
					20,275,999	21,486,999	20,881,499

Prepayments					Electric Beginning	Electric End of	Average Balance	Wage & Salary	To Line 47	
Line #s	Descriptions	Notes	Page #'s & Instructions		Previous Year	Year Balance	Year Balance	Allocat		
47	Prepayments	(Note A & Q)	p111.57c		19,315,413	2,527,014	2,527,014	2,527,014	18.500%	467,498

Materials and Supplies					Beginning Year	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions				
Materials and Supplies							
48	Undistributed Stores Exp	(Note Q)	p227.16.b,c		0	0	0
51	Transmission Materials & Supplies	(Note N & Q)	p227.8.b,c		5,684,040	6,081,923	5,882,981

Outstanding Network Credits Cost Support					Beginning Year	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions				
Network Credits							
56	Outstanding Network Credits	(Note N & Q)	From PJM		0	0	0

O&M Expenses					End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions		
59	Transmission O&M	(Note O)	p.321.112.b		123,700,000
60	Transmission Lease Payments	(Note O)	p321.96.b		-

Property Insurance Expenses					End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions		
65	Property Insurance Account 924	(Note O)	p323.185b		5,058,406

Adjustments to A & G Expense

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year
62	Total A&G Expenses		p323.197b	104,867,700
63	Actual PBOP expense	(Note J)	Company Records	(42,325,481)
64	Actual PBOP expense	(Note O)	Company Records	(42,325,481)

Regulatory Expense Related to Transmission Cost Support

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related
Allocated General & Common Expenses					
66	Regulatory Commission Exp Account 928	(Note E & O)	p323.189b	10,718,936	-
Directly Assigned A&G					
72	Regulatory Commission Exp Account 928	(Note G & O)	p351.11-13h	600,000	600,000

General & Common Expenses

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	EPRI Dues
68	Less EPRI Dues	(Note D & O)	p352-353	0	0

Safety Related Advertising Cost Support

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
Directly Assigned A&G						
73	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	2,576,107	-	2,576,107

Education and Out Reach Cost Support

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	Education & Outreach	Other
Directly Assigned A&G						
76	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	2,576,107	-	2,576,107

Depreciation Expense

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year
Depreciation Expense				
81	Depreciation-Transmission	(Note J & O)	p336.7.f	348,684,591
82	Depreciation-General & Common	(Note J & O)	p336.10&11.f	27,132,186
83	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	5,283,117
85	Depreciation-Intangible	(Note A & O)	p336.1.f	16,494,349
89	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	595,266

Direct Assignment of Transmission Real Estate Taxes

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related	Non-Transmission
92	Real Estate Taxes - Directly Assigned to Transmission		p263.33i	25,030,000	11,184,000	13,846,000

PSE&G's real estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which are billed on a quarterly basis for various parcels of property by major classification. Every parcel is associated with a Lot & Block number. These Lot & Block are identified to a particular type of property and are labeled. This is the breakout of transmission real estate taxes from total electric.

Return Capitalization				2018 End of Year	2019 End of Year	Average
Line #	Descriptions	Notes	Page #'s & Instructions			
96	Proprietary Capital	(Note P)	p112.16.c.d	10,948,602,528	11,943,377,951	11,445,990,245
97	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.c.d	(749,352)	1,512,696	381,672
99	Account 216.1	(Note P)	p119.53.c&d	271,890	121,890	196,890
101	Long Term Debt	(Note P)	p112.18.c.d thru 23.c.d	9,235,548,104	9,883,098,899	9,559,323,502
102	Loss on Reacquired Debt	(Note P)	p111.81.c.d	48,560,802	42,297,978	45,429,390
103	Gain on Reacquired Debt	(Note P)	p113.61.c.d	0	0	0
104	ADIT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k (footnote)	601,942	601,942	601,942
106	Preferred Stock	(Note P)	p112.3.c.d	0	0	0

MultiState Workpaper				State 1	State 2	State 3
Line #	Descriptions	Notes	Page #'s & Instructions			
Income Tax Rates						
121	SIT=State Income Tax Rate or Composite	(Note I)		NJ		
				9.00%		

Amortized Investment Tax Credit				End of Year
Line #	Descriptions	Notes	Page #'s & Instructions	
125	Amortized Investment Tax Credit	(Note O)	p266.8.f	525,189

Excluded Transmission Facilities				Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average
Line #	Descriptions	Notes	Page #'s & Instructions														
141	Excluded Transmission Facilities	(Note B & M)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Interest on Outstanding Network Credits Cost Support				End of Year
Line #	Descriptions	Notes	Page #'s & Instructions	
147	Interest on Network Credits	(Note N & O)		0

Facility Credits under Section 30.9 of the PJM OATT				End of Year
Line #	Descriptions	Notes	Page #'s & Instructions	
163	Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT			0

PJM Load Cost Support				1 CP Peak
Line #	Descriptions	Notes	Page #'s & Instructions	
165	Network Zonal Service Rate 1 CP Peak	(Note L)	PJM Data	9,557.3

Abandoned Transmission Projects				BRH Project	Project X	Project Y
Line #	Descriptions	Notes	Page #'s & Instructions			
Attachment 7	a	Beginning Balance of Unamortized Transmission Projects	Per FERC Order	\$ -	\$ -	\$ -
	b	Years remaining in Amortization Period	Per FERC Order	\$ -	\$ -	\$ -
	81 c	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(line a / line b)	\$ -	\$ -	\$ -
	d	Ending Balance of Unamortized Transmission Projects	(line a - line c)	\$ -	\$ -	\$ -
	e	Average Balance of Unamortized Abandoned Transmission Projects	(line a + d)/2	\$ -	\$ -	\$ -
	g	Non Incentive Return and Income Taxes	(Appendix A line 137+ line 138)	\$ -	\$ -	\$ -
	h	Rate Base	(Appendix A line 58)	\$ -	\$ -	\$ -
Attachment 7	i	Non Incentive Return and Income Taxes	(line g / line h)	\$ -	\$ -	\$ -

Docket No. ER12-2274-000 authorizing \$3,500,000 amortization over one-year recovery of BRH Abandoned Transmission Project ER12-2274

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2021**

The True-Up Adjustment component of the Formula Rate for each Rate Year beginning with 2010 shall be determined as follows:

- (i) Beginning with 2009, no later than June 15 of each year PSE&G shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies. ²
- (ii) PSE&G shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months

Where: $i =$ Sum of (the monthly rates for the 10 months ending October 31 of the current year and the monthly rates for the 12 months ending December 31 of the preceding year) divided by 21 months.

Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
July	2008	TO populates the formula with Year 2008 estimated data
October	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
October	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
October	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
October	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
October	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	(Year)	TO populates the formula with Year - 1 actual data and calculates the Year - 1 True-Up Adjustment Before Interest
October	(Year)	TO calculates the Interest to include in the Year - 1 True-Up Adjustment
October	(Year)	TO populates the formula with Year + 1 estimated data and Year - 1 True-Up Adjustment

1 No True-Up Adjustment will be included in the Annual Transmission Revenue Requirement for 2008 or 2009 since Formula Rate was not in effect for 2006 or 2007.

2 To the extent possible each input to the Formula Rate used to calculate the actual Annual Transmission Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Calendar Year Complete for Each Calendar Year beginning in 2009

A	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.	1,191,163,080	
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	1,167,126,032	
C	Difference (A-B)	24,037,048	<Note: for the first rate year, divide this
D	Future Value Factor $(1+i)^{24}$	1.04849	reconciliation amount by 12 and multiply
E	True-up Adjustment (C*D)	25,202,660	by the number of months and fractional months the rate was in effect.

Where:
i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges

Month	Yr	Month
January	Year 1	0.2400%
February	Year 1	0.2100%
March	Year 1	0.2400%
April	Year 1	0.2200%
May	Year 1	0.2200%
June	Year 1	0.2100%
July	Year 1	0.2100%
August	Year 1	0.2000%
September	Year 1	0.1800%
October	Year 1	0.1700%
November	Year 1	0.1500%
December	Year 1	0.1700%
January	Year 2	0.1500%
February	Year 2	
March	Year 2	
April	Year 2	0.2000%
May	Year 2	0.1800%
June	Year 2	0.2100%
July	Year 2	
August	Year 2	
September	Year 2	
Average Interest Rate		0.1975%

Actual Transmission Enhancement Charges - 2019													
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)	Reconductor South Mahwah K-3411 Circuit (B1018)
509,660,426	1,640,158	667,195	7,148,079	1,813,349	2,299,437	2,215,398	1,354,920	892,552	1,813,000	2,328	816,044	1,856,673	1,926,706

Reconciliation by Project (without interest)													
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)	Reconductor South Mahwah K-3411 Circuit (B1018)
18,968,650	2,996	2,596	27,805	7,020	9,051	8,766	5,355	2,331	7,172	9	3,266	7,462	7,035

1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849
---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

True Up by Project with interest - 2019													
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)	Reconductor South Mahwah K-3411 Circuit (B1018)
3,382,776	3,142	2,722	29,153	7,361	9,490	9,191	5,619	2,444	7,520	9	3,425	7,523	7,376

Estimated Transmission Enhancement Charges (After True-Up) - 2021													
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)	Reconductor South Mahwah K-3411 Circuit (B1018)
645,733,063	1,782,185	733,602	7,859,350	1,997,250	2,536,298	2,447,159	1,496,253	653,554	2,002,469	2,361	804,290	2,099,545	2,138,629

Actual Transmission Enhancement Charges - 2019													
Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athena Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Keary 138 kV circuit and Keary 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland > 500kV (B0489)	Burlington - Camden 230kV Conversion (B1156)
7,072,218	1,324,275	1,712,321	590,435	4,272,398	1,489,809	2,044,102	5,957,472	6,972,793	1,090,525	559,490	4,099,747	73,929,272	33,796,614

Reconciliation by Project (without interest)													
Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athena Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Keary 138 kV circuit and Keary 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland > 500kV (B0489)	Burlington - Camden 230kV Conversion (B1156)
16,439	5,362	6,928	2,395	12,129	6,076	7,861	14,099	27,412	4,492	3,299	24,622	434,545	137,970

1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

True Up by Project (with interest) 2019													
Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athena Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Keary 138 kV circuit and Keary 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland > 500kV (B0489)	Burlington - Camden 230kV Conversion (B1156)
1,236	5,422	7,264	2,511	12,717	6,376	8,242	14,741	28,741	4,710	3,469	25,616	455,617	144,661

Estimated Transmission Enhancement Charges (After True-Up) - 2021													
Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athena Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Keary 138 kV circuit and Keary 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland > 500kV (B0489)	Burlington - Camden 230kV Conversion (B1156)
7,845,438	1,472,813	1,802,963	696,622	2,405,680	1,692,397	2,276,611	6,629,733	7,783,762	1,217,983	616,617	4,941,327	91,959,998	37,798,170

Actual Transmission Enhancement Charges - 2019													
Mickleton-Gloucester-Camden(B1398-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	North East Grid Reliability Project (B1304.1-B1304.4)	North East Grid Reliability Project (B1304.5-B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
42,770,064	34,749,401	62,002,045	35,184,820	17,892,091	6,720,163	4,967,498	16,310,281	13,059,503	6,797,498	4,341,924	8,403,848	5,600,110	5,600,110

Reconciliation by Project (without interest)													
Mickleton-Gloucester-Camden(B1398-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	North East Grid Reliability Project (B1304.1-B1304.4)	North East Grid Reliability Project (B1304.5-B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
178,275	135,396	282,127	(630,283)	(30,997)	230,680	170,354	(698,653)	243,319	39,903	(617,389)	(662,673)	605,068	605,068

1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489	1,0489
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

True Up by Project (with interest) 2019													
Mickleton-Gloucester-Camden(B1398-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	North East Grid Reliability Project (B1304.1-B1304.4)	North East Grid Reliability Project (B1304.5-B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
166,320	141,962	295,808	(595,997)	(52,201)	241,866	178,615	(686,792)	255,118	41,838	(647,328)	(716,778)	634,409	634,409

Estimated Transmission Enhancement Charges (After True-Up) 2021													
Mickleton-Gloucester-Camden(B1398-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	North East Grid Reliability Project (B1304.1-B1304.4)	North East Grid Reliability Project (B1304.5-B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
47,769,224	38,698,833	69,220,980	38,599,288	19,942,892	7,762,868	8,737,493	17,659,934	14,962,664	7,992,318	4,372,047	8,091,210	6,895,482	6,995,482

Estimated Enhancements 2021					
(AD)	(AR)	(AS)	(AT)	(AU)	(AV)
Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville F) (b2837.6)	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F) (b2837.7)	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks - Z) (b2837.8)	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams - Z) (b2837.9)	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Budden - Z) (b2837.10)	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Budden - Burlington - Z) (b2837.11)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
21,878,630	7,718,448	5,242,150	1,935,515	8,475,579	9,442,026
22,861,178	8,003,884	5,493,213	2,005,294	9,525,894	11,249,459
27,945,058	9,433,101	6,666,793	2,447,532	18,267,393	21,318,541
27,945,055	9,433,101	6,666,793	2,447,532	18,267,393	21,596,682
28,113,599	9,492,016	6,716,593	2,461,211	18,631,297	21,964,985
33,821,792	10,975,360	7,918,897	2,939,094	27,071,722	32,295,304
33,840,050	11,011,597	7,948,302	2,948,741	27,136,212	32,381,572
33,930,931	11,073,711	7,998,801	2,968,941	27,341,221	32,706,921
34,940,952	11,101,978	8,021,792	2,978,134	27,692,793	33,043,070
34,193,667	11,141,461	8,053,882	2,990,974	27,878,440	33,303,077
34,351,401	11,182,135	8,086,950	3,004,201	28,110,908	33,570,927
34,509,118	11,222,804	8,120,014	3,017,427	28,343,351	33,838,759
34,665,190	11,263,048	8,152,734	3,030,613	28,573,369	34,069,851
401,866,216	133,053,745	95,086,904	35,175,049	295,275,569	350,756,164
30,915,094	10,234,903	7,314,377	2,705,773	22,713,505	26,981,243
11.69	11.61	11.66	11.61	10.33	10.38

Estimated Transmission Enhancement Charges (Before True-Up) - 2021													
Convert the Bayway Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "N" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2437.10)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.11)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)
6,076,738	6,226,970	3,487,278	2,783,988	3,098,783	3,098,783	1,011,904	1,011,877	3,875,267	1,684,881	1,311,307	2,129,718	4,937,384	3,511,985

Actual Transmission Enhancement Charges - 2019													
Convert the Bayway Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)
5,438,154	5,438,154	3,124,607	2,494,679	2,780,686	2,780,686	903,008	902,986	3,470,639	1,608,145	1,177,840	1,912,015	4,462,674	3,181,781

Reconciliation by Project (w/out interest)													
Convert the Bayway Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)
723,210	584,447	(48,495)	11,134	16,953	16,953	(699,227)	(699,227)	1,342,287	81,609	6,551	32,089	40,471	13,687

1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849
---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

True Up by Project (with interest) 2019													
Convert the Bayway Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)
746,260	612,788	(60,846)	11,674	17,775	17,775	(733,134)	(733,134)	1,497,378	85,509	6,820	33,645	42,433	13,600

Estimated Transmission Enhancement Charges (After True-Up) - 2021													
Convert the Bayway Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)
6,835,018	6,839,758	3,436,431	2,795,862	3,116,569	3,116,569	278,720	278,742	5,282,645	1,770,427	1,917,127	2,163,363	4,979,617	3,625,635

Estimated Transmission Enhancement Charges (Before True-Up) - 2021													
Install Corenaugh 250MMAR Cap Bank (B0376)	Reconfigure Keamy Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCM-T (B2146)	350 MMAR Reactor Hopalong 500kV (B2702)	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (B2633.4)	New 500/230 kV auto-transformer at Hope Creek and a new Hope Creek 230 kV substation (B2633.5)	Rebuild Aldene- Warinanco-Linden VFT 230kV Circuit (B2965)	Roseland- Branchburg 230kV/ corridor rebuild (Readington - Branchburg) (b2966.12)	Branchburg- Pleasant Valley 230kV corridor rebuild (Branchburg East Flemington) (b2966.21)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road) (b2835.1)	Convert the R- 1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pleasant Ave) (b2835.2)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pleasant Ave - Metuchen) (b2835.3)	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Hunterglen - Trenton) (b2836.2)	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook) (b2836.3)
122,152	2,548,254	18,228,728	2,580,144	4,088,798	6,995,758	11,789,355	32,139	3,242,623	10,450,746	6,622,614	1,021,376	9,294,426	6,060,893

Actual Transmission Enhancement Charges - 2019													
Install Conemaugh 250MVAR Cap Bank (B0376)	Reconfigure Kearny Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCKL-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (B2633.4)	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation (B2633.5)	Rebuild Aldene-Warriano-Linden VFT 230kV Circuit (B2955)	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg) (b2986.12)	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg East Flemington) (b2986.21)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road) (b2835.1)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave) (b2835.2)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen) (b2835.3)	Convert the N-1340 and T-1372D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook) (b2836.3)	
109,875	2,277,763	16,283,381	2,305,492	0	0	0	0	0	5,203,531	3,364,016	504,244	1,539,666	1,335,462

Reconciliation by Project (without interest)													
Install Conemaugh 250MVAR Cap Bank (B0376)	Reconfigure Kearny Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCKL-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (B2633.4)	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation (B2633.5)	Rebuild Aldene-Warriano-Linden VFT 230kV Circuit (B2955)	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg) (b2986.12)	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg East Flemington) (b2986.21)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road) (b2835.1)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave) (b2835.2)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen) (b2835.3)	Convert the N-1340 and T-1372D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook) (b2836.3)	
455	(11,247)	949,619	3,038	0	0	0	0	0	5,203,531	3,364,016	504,244	1,539,666	1,335,462

1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849	1,04849
---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

True Up by Project (with interest) - 2019													
Install Conemaugh 250MVAR Cap Bank (B0376)	Reconfigure Kearny Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCKL-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (B2633.4)	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation (B2633.5)	Rebuild Aldene-Warriano-Linden VFT 230kV Circuit (B2955)	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg) (b2986.12)	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg East Flemington) (b2986.21)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road) (b2835.1)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave) (b2835.2)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen) (b2835.3)	Convert the N-1340 and T-1372D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook) (b2836.3)	
477	(11,793)	946,668	3,185	0	0	0	0	0	5,203,531	3,364,016	504,244	1,539,666	1,335,462

Estimated Transmission Enhancement Charges (After True-Up) - 2021													
Install Conemaugh 250MVAR Cap Bank (B0376)	Reconfigure Kearny Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCKL-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (B2633.4)	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation (B2633.5)	Rebuild Aldene-Warriano-Linden VFT 230kV Circuit (B2955)	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg) (b2986.12)	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg East Flemington) (b2986.21)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road) (b2835.1)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave) (b2835.2)	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen) (b2835.3)	Convert the N-1340 and T-1372D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook) (b2836.3)	
122,628	2,536,461	19,224,396	2,283,330	4,088,786	6,995,788	11,789,355	32,139	3,242,623	16,450,746	6,622,614	1,021,376	8,294,426	6,060,893

Estimated Transmission Enhancement Charges (Before True-Up) - 2021											
Convert the N-1340 and T-1372D-1330 (Blunswick - Trenton) 138 kV circuits to 230 kV circuits (Devile Brook - Trenton) (b2836.4)	Convert the F-1358Z and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville K) (b2837.1)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Yardville - Ward Ave K) (b2837.2)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Ward Ave - Crosswicks Y) (b2837.3)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Bustleton Y) (b2837.4)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Bustleton - Burlington Y) (b2837.5)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Trenton - Yardville F) (b2837.6)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Yardville - Ward Ave F) (b2837.7)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits (Ward Ave - Crosswicks Z) (b2837.8)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z) (b2837.9)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z) (b2837.10)	Convert the F-1358Z-1326 and K-1363Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Z) (b2837.11)
11,619,974	3,746,086	1,284,601	884,806	3,094,144	3,184,082	3,733,024	1,240,875	884,806	323,731	2,761,838	3,281,789

Public Service Electric and Gas Company
ATTACHMENT 10
Attachment 7 - Transmission Enhancement Charge Worksheet (TEC) - December 31, 2021

Line	Description	Formula Line	Value	Value	Value	Value								
1	New Plant Carrying Charge													
2	Fixed Charge Rate (FCR) if FCR is a CAC													
3	A	150	Net Plant Carrying Charge without Depreciation	2.81%										
4	B	150	Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation	10.42%										
5	C		Line B/Line A	0.87%										
6	FCR if a CAC													
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.26%										
<p>The FCR resulting from Formula in a given year is used for that year only. The rate will remain unchanged if a year of no change results in a rate for subsequent years. For FERC Order issued December 31, 2011 in Docket No. ER12-238, the RCE for the Northeast Grid Reliability Project is 11.53%, which includes a 2% non-pass-through RCE rate authorized by FERC to become effective January 1, 2015. For a breakdown of rates from Line 12, 14, 15, and 16 with the from Attachment 3 - Alternative Transmission Projects, Lines 1 to 16 in the 12 month average below from Attach 3a, and Line 15 will be number of months to be inserted in per plus one.</p>														
16	Details													
17	"Yes" if a project under P&M Q&T Schedule 12, otherwise "No"	Schedule 12	(Yes or No)											
18	"Yes" if the customer has had a lump-sum payment in the amount of the investment on the 10th anniversary "No" Input that allowed increase in RCE	CAC	(Yes or No)											
19	From line 3 above "No" on line 12 and Formula "A" above	Increased RCE (Base Point)												
20	Line 14 plus line 5 times line 19/100	11.65% RCE												
21	Service Account 101 or 100 if not yet identified - 80% of year balance	Investment	20,614.102	8,069.022	86,467.721	22,188.863								
22	Line 17 divided by line 12	Annual Depreciation or Amort Exp	490.812	152.120	2,068.735	528.306								
23	Months in service for depreciation recovery from Year placed in Service (if a CAC)		13.00	13.00	13.00	13.00								
24			2006	2007	2007	2007								
25			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue		
26	W 11.65 % RCE	2006	20,680,597	492,395	4,652,471	8,069,022	80,050	1,703,202	86,555,629	858,788	18,272,191	22,188,863	484,281	4,947,757
27	W Increased RCE	2006	20,188,202	492,395	4,652,422	8,069,022	80,050	1,703,202	86,555,629	858,788	18,272,191	22,188,863	484,281	4,947,757
28	W 11.65 % RCE	2007	19,695,807	492,395	4,654,372	7,988,972	192,120	1,799,169	85,708,843	2,061,088	19,301,739	21,704,562	528,306	4,894,366
29	W Increased RCE	2007	19,198,412	492,395	4,656,322	7,988,972	192,120	1,799,169	85,708,843	2,061,088	19,301,739	21,704,562	528,306	4,894,366
30	W 11.65 % RCE	2008	19,203,412	492,395	4,652,234	7,796,853	192,120	1,808,698	83,845,758	2,061,088	19,182,517	21,776,276	528,306	4,973,254
31	W Increased RCE	2008	18,711,016	492,395	4,650,968	7,604,733	192,120	1,808,698	83,845,758	2,061,088	19,182,517	21,776,276	528,306	4,973,254
32	W 11.65 % RCE	2010	18,711,016	492,395	4,650,968	7,604,733	192,120	1,856,722	81,584,670	2,061,088	17,773,587	20,847,970	528,306	4,504,919
33	W Increased RCE	2010	18,218,621	492,395	3,746,858	7,412,613	192,120	1,516,263	79,529,584	2,061,088	16,268,662	20,119,683	528,306	4,122,360
34	W 11.65 % RCE	2012	17,736,296	492,395	3,154,416	7,226,484	192,120	1,274,451	77,462,487	2,061,088	13,893,352	19,591,387	528,306	3,759,462
35	W Increased RCE	2012	17,238,796	492,395	3,154,416	7,226,484	192,120	1,274,451	77,462,487	2,061,088	13,893,352	19,591,387	528,306	3,759,462
36	W 11.65 % RCE	2013	17,533,851	492,395	2,888,758	7,028,374	192,120	1,188,698	75,401,411	2,061,088	12,538,886	19,263,051	528,306	3,176,807
37	W Increased RCE	2013	17,035,351	492,395	2,888,758	7,028,374	192,120	1,188,698	75,401,411	2,061,088	12,538,886	19,263,051	528,306	3,176,807
38	W 11.65 % RCE	2014	16,741,436	492,395	2,555,172	6,836,255	192,120	1,034,441	71,340,334	2,061,088	11,097,629	18,034,745	528,306	2,812,043
39	W Increased RCE	2014	16,240,041	492,395	2,555,172	6,836,255	192,120	1,034,441	71,340,334	2,061,088	11,097,629	18,034,745	528,306	2,812,043
40	W 11.65 % RCE	2015	16,240,041	492,395	2,269,660	6,644,135	192,120	970,886	71,270,238	2,061,088	10,416,881	18,006,439	528,306	2,636,133
41	W Increased RCE	2015	15,738,650	492,395	2,269,660	6,644,135	192,120	970,886	69,120,244	2,058,755	9,968,442	17,478,132	528,306	2,528,394
42	W 11.65 % RCE	2016	15,738,650	492,395	2,169,535	6,209,896	192,120	884,138	67,051,488	2,058,755	9,579,611	16,949,638	528,306	2,429,204
43	W Increased RCE	2016	15,239,264	491,562	2,169,535	6,209,896	192,120	884,138	67,051,488	2,058,755	9,579,611	16,949,638	528,306	2,429,204
44	W 11.65 % RCE	2017	14,738,003	491,562	1,963,369	6,097,776	192,120	793,960	65,002,733	2,058,755	8,596,133	16,421,520	528,306	2,157,365
45	W Increased RCE	2017	14,234,340	490,812	1,963,369	6,097,776	192,120	793,960	65,002,733	2,058,755	8,596,133	16,421,520	528,306	2,157,365
46	W 11.65 % RCE	2018	14,234,340	490,812	1,846,158	5,875,657	192,120	687,156	62,043,078	2,058,755	7,148,079	15,893,213	528,306	1,813,340
47	W Increased RCE	2018	13,734,498	491,562	1,846,158	5,875,657	192,120	687,156	62,043,078	2,058,755	7,148,079	15,893,213	528,306	1,813,340
48	W 11.65 % RCE	2019	13,734,498	491,562	1,816,716	5,683,537	192,120	739,676	60,885,223	2,058,755	7,024,460	15,844,907	528,306	2,008,272
49	W Increased RCE	2019	13,234,646	491,562	1,816,716	5,683,537	192,120	739,676	60,885,223	2,058,755	7,024,460	15,844,907	528,306	2,008,272
50	W 11.65 % RCE	2020	13,234,646	491,562	1,789,054	5,491,418	192,120	730,880	58,828,467	2,058,755	7,024,460	15,844,907	528,306	1,983,919
51	W Increased RCE	2020	12,734,794	491,562	1,789,054	5,491,418	192,120	730,880	58,828,467	2,058,755	7,024,460	15,844,907	528,306	1,983,919
52	W 11.65 % RCE	2021	12,734,794	491,562	1,789,054	5,491,418	192,120	730,880	58,828,467	2,058,755	7,024,460	15,844,907	528,306	1,983,919
53	W Increased RCE	2021	12,234,942	491,562	1,789,054	5,491,418	192,120	730,880	58,828,467	2,058,755	7,024,460	15,844,907	528,306	1,983,919

Public Service Electric and Gas Company
ATTACHMENT 10-A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

Line	Description	Formula	Rate
1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if Fixed a CAC		
3	A	Formula Line	9.81%
4	B	Net Plant Carrying Charge without Depreciation	10.42%
5	C	Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation	0.87%
6	FCR if a CAC		
7	D	153 Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%

The FCR resulting from Formula B is a plan year's used for that year only.
Monthly actual revenues calculated in year 00 are charged based on the data in Attachment 7-A.
For TEC Order dated December 28, 2011 in Docket No. ER12-208, the RCE for the Northeast Grid Reliability Project is 11.52%, which includes a 2% non-pass-through RCE under an authorization by FERC to become effective January 1, 2012.
For additional information see 12, 14, 15, and 17 of the Attachment 7 - Attachment 7-Transmission Projects, Line 17-A to the 12 month average balance from Attach. 16, and Line 19 will be number of months to be amortized in year plus one.

Line	Details	New Freezer Loss (2014S)			Melchior Transformer (2014S)			Branchburg-Platons-Somerville (2015S)			Flatiron-Somerville-Brickwater (2017S)			
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
11	"Yes" if a project under P&E Q&T Schedule 12, otherwise "No"	Schedule 12	(Yes or No)											
12	Useful life of the asset	Life	42		42		42		42		42			
13	"Yes" if the customer has paid a lump-sum payment on the amount of the investment on the date of investment "No" Input the allowed increase in RCE	CAC	(Yes or No)	No	No	No	No	No	No	No	No			
14	From line 3 above if "No" on line 12 and Schedule 12 above if "Yes" on line 12	Increased RCE (Base Points)	0		0		0		0		0			
15	"Yes" on line 13	11.65% RCE	9.87%		9.81%		9.87%		9.87%		9.87%			
16	150/100	FCR for This Project	9.87%		9.81%		9.87%		9.87%		9.87%			
17	Balance	Investment	27,055,248		25,654,455		15,731,054		6,961,465		165,750			
18	Line 17 divided by line 12	Annual Depreciation or Asset Exp	642,382		610,820		374,561		165,750		165,750			
19	Months in service for transmission revenues from this plant in Service (if a CAC)		2008		2009		2008		2008		2008			
20		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
21	W 11.65 % RCE	2006												
22	W Increased RCE	2006												
23	W 11.65 % RCE	2007												
24	W Increased RCE	2007												
25	W 11.65 % RCE	2008	24,921,237	88,646	837,584	10,760,217	288,478	2,831,873	15,773,880	234,561	2,302,423	6,961,465	25,372	239,734
26	W Increased RCE	2008	24,921,237	88,646	837,584	10,760,217	288,478	2,831,873	15,773,880	234,561	2,302,423	6,961,465	25,372	239,734
27	W 11.65 % RCE	2009	26,916,602	642,382	6,202,837	16,700,217	288,478	2,831,873	15,773,880	234,561	2,302,423	6,961,465	25,372	239,734
28	W Increased RCE	2009	26,916,602	642,382	6,202,837	16,700,217	288,478	2,831,873	15,773,880	234,561	2,302,423	6,961,465	25,372	239,734
29	W 11.65 % RCE	2010	26,273,629	642,382	5,703,044	25,488,527	613,738	5,522,598	15,539,319	375,568	3,368,361	6,770,372	165,750	1,469,862
30	W Increased RCE	2010	26,273,629	642,382	5,703,044	25,488,527	613,738	5,522,598	15,539,319	375,568	3,368,361	6,770,372	165,750	1,469,862
31	W 11.65 % RCE	2011	26,418,949	642,382	5,221,521	24,866,838	614,263	5,061,862	15,121,425	374,561	3,075,709	6,804,623	165,750	1,345,559
32	W Increased RCE	2011	26,418,949	642,382	5,221,521	24,866,838	614,263	5,061,862	15,121,425	374,561	3,075,709	6,804,623	165,750	1,345,559
33	W 11.65 % RCE	2012	24,967,652	642,382	4,965,462	24,262,276	614,263	4,360,878	14,746,864	374,561	2,569,158	6,438,873	165,750	1,132,302
34	W Increased RCE	2012	24,967,652	642,382	4,965,462	24,262,276	614,263	4,360,878	14,746,864	374,561	2,569,158	6,438,873	165,750	1,132,302
35	W 11.65 % RCE	2013	24,344,669	642,382	4,625,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,268
36	W Increased RCE	2013	24,344,669	642,382	4,625,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,268
37	W 11.65 % RCE	2014	23,761,687	642,382	3,563,353	23,054,049	614,263	3,454,841	13,927,743	374,561	2,096,276	6,107,373	165,750	918,263
38	W Increased RCE	2014	23,761,687	642,382	3,563,353	23,054,049	614,263	3,454,841	13,927,743	374,561	2,096,276	6,107,373	165,750	918,263
39	W 11.65 % RCE	2015	23,058,705	642,382	3,348,067	22,450,786	614,263	3,244,794	13,623,182	374,561	1,971,565	5,941,623	165,750	862,264
40	W Increased RCE	2015	23,058,705	642,382	3,348,067	22,450,786	614,263	3,244,794	13,623,182	374,561	1,971,565	5,941,623	165,750	862,264
41	W 11.65 % RCE	2016	22,415,723	642,382	3,208,067	21,819,123	614,111	3,110,564	13,248,621	374,561	1,850,650	5,775,874	165,750	826,705
42	W Increased RCE	2016	22,415,723	642,382	3,208,067	21,819,123	614,111	3,110,564	13,248,621	374,561	1,850,650	5,775,874	165,750	826,705
43	W 11.65 % RCE	2017	21,772,741	642,382	3,068,762	21,066,812	610,820	2,973,432	12,874,600	374,561	1,818,367	5,610,134	165,750	794,917
44	W Increased RCE	2017	21,772,741	642,382	3,068,762	21,066,812	610,820	2,973,432	12,874,600	374,561	1,818,367	5,610,134	165,750	794,917
45	W 11.65 % RCE	2018	21,129,759	642,382	2,738,764	20,455,991	610,820	2,630,774	12,459,469	374,561	1,614,339	5,444,324	165,750	755,757
46	W Increased RCE	2018	21,129,759	642,382	2,738,764	20,455,991	610,820	2,630,774	12,459,469	374,561	1,614,339	5,444,324	165,750	755,757
47	W 11.65 % RCE	2019	20,486,777	642,382	2,266,437	19,845,171	610,820	2,215,368	12,124,309	374,561	1,354,300	5,278,604	165,750	702,362
48	W Increased RCE	2019	20,486,777	642,382	2,266,437	19,845,171	610,820	2,215,368	12,124,309	374,561	1,354,300	5,278,604	165,750	702,362
49	W 11.65 % RCE	2020	19,843,795	642,382	2,054,747	19,224,351	610,820	2,003,817	11,750,378	374,561	1,098,800	5,112,874	165,750	658,128
50	W Increased RCE	2020	19,843,795	642,382	2,054,747	19,224,351	610,820	2,003,817	11,750,378	374,561	1,098,800	5,112,874	165,750	658,128
51	W 11.65 % RCE	2021	19,200,813	642,382	2,508,768	18,623,530	610,820	2,437,967	11,375,817	374,561	1,490,638	4,947,124	165,750	611,110
52	W Increased RCE	2021	19,200,813	642,382	2,508,768	18,623,530	610,820	2,437,967	11,375,817	374,561	1,490,638	4,947,124	165,750	611,110

Public Service Electric and Gas Company
ATTACHMENT 10
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	Net Plant Carrying Charge				
2	Fixed Charge Rate (FCR) if Fixed a CAC				
3	A	Formula Line	Net Plant Carrying Charge without Depreciation	3.81%	
4	B	109	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation	10.47%	
5	C		Line 3 times Line A	0.87%	
6	FCR if a CAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.26%	

The FCR resulting from Formula in a given year is used for that year only.
The rates and amounts reflected in this table are subject to change based on cost data for subsequent years.
For TEC Order issued December 31, 2021 in Order No. 2013-201, the RCE for the Northeast Grid Reliability Project is 1.81%, which includes a 20 basis point transmission RCE added as authorized by FERC to become effective January 1, 2012.
For additional cost items 13, 14, 15, and 16 and for Transmission 3 - Advanced Transmission Projects, Line 19 is the 12 month average balance from Attach. 8a, and Line 19 will be number of months to be amortized in year plus one.

10	Year if a project under PJM QATT Schedule 12, otherwise "Not"	Details	Rosedale Transmission - (00274)			Wayside Branching (00275)			Rosedale Station, South Mountain (00276)			Rosedale South Mountain 2400 Circuit (00277)			
			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
2006	W 11.68 % RCE	Invest Yr													
2006	W Increased RCE	2006													
2007	W 11.68 % RCE	2007													
2007	W Increased RCE	2007													
2008	W 11.68 % RCE	2008													
2008	W Increased RCE	2008													
2009	W 11.68 % RCE	2009	21,002,458	268,347	2,634,086	27,792	866	8,379							
2009	W Increased RCE	2009	21,002,458	268,347	2,634,086	35,792	866	8,379							
2010	W 11.68 % RCE	2010	20,797,967	561,579	4,507,079	27,122	666	6,866	8,858,222	18,700	169,959	39,070,041	580,194	2,482,704	
2010	W Increased RCE	2010	20,797,967	561,579	4,507,079	27,122	666	6,866	8,858,222	18,700	169,959	39,070,041	580,194	2,482,704	
2011	W 11.68 % RCE	2011	20,302,520	561,725	4,128,443	25,878	666	5,289	9,140,218	218,069	1,850,822	20,623,051	300,198	2,435,793	
2011	W Increased RCE	2011	20,302,520	561,725	4,128,443	25,878	666	5,289	9,140,218	218,069	1,850,822	20,623,051	300,198	2,435,793	
2012	W 11.68 % RCE	2012	19,800,052	561,755	3,476,512	25,212	666	4,423	8,922,149	218,069	1,557,948	20,320,793	491,119	3,543,078	
2012	W Increased RCE	2012	19,800,052	561,755	3,476,512	25,212	666	4,423	8,922,149	218,069	1,557,948	20,320,793	491,119	3,543,078	
2013	W 11.68 % RCE	2013	19,300,300	561,755	3,183,218	24,546	666	4,077	8,794,079	218,069	1,427,360	19,825,874	491,119	3,248,963	
2013	W Increased RCE	2013	19,300,300	561,755	3,183,218	24,546	666	4,077	8,794,079	218,069	1,427,360	19,825,874	491,119	3,248,963	
2014	W 11.68 % RCE	2014	18,798,545	561,755	2,817,596	23,880	666	3,809	8,488,010	218,069	1,263,083	19,344,555	491,119	2,874,036	
2014	W Increased RCE	2014	18,798,545	561,755	2,817,596	23,880	666	3,809	8,488,010	218,069	1,263,083	19,344,555	491,119	2,874,036	
2015	W 11.68 % RCE	2015	18,296,790	560,344	2,646,618	23,213	666	3,388	8,207,940	218,069	1,187,289	18,863,437	491,119	2,701,236	
2015	W Increased RCE	2015	18,296,790	560,344	2,646,618	23,213	666	3,388	8,207,940	218,069	1,187,289	18,863,437	491,119	2,701,236	
2016	W 11.68 % RCE	2016	17,795,762	560,344	2,520,913	22,547	666	3,247	8,040,871	218,069	1,130,246	18,362,318	491,119	2,552,387	
2016	W Increased RCE	2016	17,795,762	560,344	2,520,913	22,547	666	3,247	8,040,871	218,069	1,130,246	18,362,318	491,119	2,552,387	
2017	W 11.68 % RCE	2017	17,295,419	560,344	2,433,270	21,880	666	3,120	7,831,801	218,069	1,096,264	17,871,190	491,119	2,495,347	
2017	W Increased RCE	2017	17,295,419	560,344	2,433,270	21,880	666	3,120	7,831,801	218,069	1,096,264	17,871,190	491,119	2,495,347	
2018	W 11.68 % RCE	2018	16,795,075	560,344	2,160,233	21,214	666	2,770	7,613,732	218,069	973,247	17,380,080	491,119	2,214,864	
2018	W Increased RCE	2018	16,795,075	560,344	2,160,233	21,214	666	2,770	7,613,732	218,069	973,247	17,380,080	491,119	2,214,864	
2019	W 11.68 % RCE	2019	16,294,731	560,344	1,813,000	20,548	666	2,238	7,396,662	218,069	816,044	16,888,961	491,119	1,868,673	
2019	W Increased RCE	2019	16,294,731	560,344	1,813,000	20,548	666	2,238	7,396,662	218,069	816,044	16,888,961	491,119	1,868,673	
2020	W 11.68 % RCE	2020	15,794,388	560,344	2,016,205	19,881	666	2,152	7,177,593	218,069	690,564	16,397,842	491,119	2,070,868	
2020	W Increased RCE	2020	15,794,388	560,344	2,016,205	19,881	666	2,152	7,177,593	218,069	690,564	16,397,842	491,119	2,070,868	
2021	W 11.68 % RCE	2021	15,294,044	560,344	1,964,950	19,215	666	2,152	6,959,523	218,069	600,886	15,906,724	491,119	2,051,721	
2021	W Increased RCE	2021	15,294,044	560,344	1,964,950	19,215	666	2,152	6,959,523	218,069	600,886	15,906,724	491,119	2,051,721	

Public Service Electric and Gas Company
ATTACHMENT 10-A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge						
2	Fixed Charge Rate (FCR) if Fixed a CAC	Formula Line	152	Net Plant Carrying Charge without Depreciation		9.81%	
3		A	159	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation		10.42%	
4		B		Line 3 less Line 4		0.61%	
5		C					
6	FCR if a CAC	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.20%	

The FCR resulting from Formula in a given year is used for that year only.
The above rates are subject to change if a year do not change based on cost data for subsequent years.
For FERC Order dated December 30, 2011 in Docket No. ER12-268, the RCE for the Northeast Grid Reliability Project in 11.81%, which includes a 25 basis point transmission RCE added as authorized by FERC to become effective January 1, 2012.
For development of Line 12, 13, 14, 15, and 16 in this Attachment 7 - Attachment 7 Transmission Prices, Line 15 is the 13 month average balance from Attach. 8a, and Line 16 will be number of months to be amortized in year plus one.

Line	Description	Branchburg South/Water, K-2011 Circuit (R100)			Branchburg 69 kV RCE Circuit (R100)			Saddle Brook - Atlantic/Passaic Cable (R100)			Branchburg Somerset/High Plains/Reynoldsburg (R100) & R100A			
		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
21	W 11.68 % RCE	2006												
22	W Increased RCE	2006												
23	W 11.68 % RCE	2007												
24	W Increased RCE	2007												
25	W 11.68 % RCE	2008												
26	W Increased RCE	2008												
27	W 11.68 % RCE	2009												
28	W Increased RCE	2009												
29	W 11.68 % RCE	2010												
30	W Increased RCE	2010												
31	W 11.68 % RCE	2011	20,141,158	17,044	262,734									
32	W Increased RCE	2011	20,511,158	37,566	284,735									
33	W 11.68 % RCE	2012	21,182,707	504,054	3,877,841	79,037,194	1,240,233	9,382,770	14,461,477	218,412	1,537,549	19,205,527	518,342	2,302,029
34	W Increased RCE	2012	21,157,707	504,054	3,877,841	79,037,194	1,240,233	9,492,770	14,461,477	218,412	1,537,549	19,499,527	518,342	2,306,090
35	W 11.68 % RCE	2013	20,828,622	504,054	3,370,070	79,195,982	1,915,127	12,817,998	14,194,429	342,972	2,315,058	18,204,505	443,183	2,884,887
36	W Increased RCE	2013	20,828,622	504,054	3,370,070	79,195,982	1,915,127	12,817,998	14,194,429	342,972	2,315,058	18,204,505	443,183	2,884,887
37	W 11.68 % RCE	2014	20,124,588	504,054	2,883,683	77,279,955	1,915,127	11,437,098	13,651,457	342,972	2,049,864	17,903,425	444,403	2,650,353
38	W Increased RCE	2014	20,124,588	504,054	2,883,683	77,279,955	1,915,127	11,437,098	13,651,457	342,972	2,049,864	17,903,425	444,403	2,650,353
39	W 11.68 % RCE	2015	19,620,544	504,054	2,804,096	75,384,829	1,915,127	10,748,859	13,038,484	342,972	1,928,521	17,450,022	444,403	2,491,058
40	W Increased RCE	2015	19,620,544	504,054	2,804,096	75,384,829	1,915,127	10,748,859	13,038,484	342,972	1,928,521	17,450,022	444,403	2,491,058
41	W 11.68 % RCE	2016	19,116,490	504,054	2,691,625	70,419,117	1,842,970	9,921,291	13,165,512	342,972	1,849,351	17,014,819	444,403	2,391,449
42	W Increased RCE	2016	19,116,490	504,054	2,691,625	70,419,117	1,842,970	9,921,291	13,165,512	342,972	1,849,351	17,014,819	444,403	2,391,449
43	W 11.68 % RCE	2017	18,612,436	504,054	2,581,411	68,524,248	1,841,734	9,326,626	12,822,540	342,972	1,781,001	16,570,216	444,403	2,302,728
44	W Increased RCE	2017	18,612,436	504,054	2,581,411	68,524,248	1,841,734	9,326,626	12,822,540	342,972	1,781,001	16,570,216	444,403	2,302,728
45	W 11.68 % RCE	2018	18,108,382	504,054	2,469,157	66,563,714	1,838,905	8,441,111	12,479,588	342,972	1,680,774	16,128,813	444,403	2,243,862
46	W Increased RCE	2018	18,108,382	504,054	2,469,157	66,563,714	1,838,905	8,441,111	12,479,588	342,972	1,680,774	16,128,813	444,403	2,243,862
47	W 11.68 % RCE	2019	17,597,228	503,885	1,926,706	64,724,808	1,838,905	7,272,218	12,138,565	342,972	1,324,275	15,881,410	444,403	1,712,321
48	W Increased RCE	2019	17,597,228	503,885	1,926,706	64,724,808	1,838,905	7,272,218	12,138,565	342,972	1,324,275	15,881,410	444,403	1,712,321
49	W 11.68 % RCE	2020	17,100,273	504,054	2,151,596	62,883,074	1,838,905	7,697,163	11,793,822	342,972	1,478,178	15,233,008	444,403	1,912,347
50	W Increased RCE	2020	17,100,273	504,054	2,151,596	62,883,074	1,838,905	7,697,163	11,793,822	342,972	1,478,178	15,233,008	444,403	1,912,347
51	W 11.68 % RCE	2021	16,589,285	503,885	2,151,453	61,486,997	1,838,905	7,828,292	11,660,850	342,972	1,469,391	14,792,603	444,403	1,892,700
52	W Increased RCE	2021	16,589,285	503,885	2,151,453	61,486,997	1,838,905	7,828,292	11,660,850	342,972	1,469,391	14,792,603	444,403	1,892,700

Public Service Electric and Gas Company
ATTACHMENT 10-A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge				
2	Fixed Charge Rate (FCR) # if not a CIAC				
3	A	Formula Line	Not Plant Carrying Charge without Depreciation	9.91%	
4	B	159	Not Plant Carrying Charge per 100 Base Point in RCE without Depreciation Line B Item Line A	10.42%	
5	FCR # a CIAC				
6	D	153	Not Plant Carrying Charge without Depreciation. Return, see Annex, Table	1.28%	

The FCR resulting from Formula is a given per se used for that year only.
This table is subject to annual review and adjustment for year-to-year rate change based on conditions for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. 09-12-096, the RCE for the Northeast Grid Reliability Project is 11.02%, which includes 2.0 base point transmission RCE and is subject to FERC to become effective January 1, 2012.
For additional detail see 12, 14, 15, and 16 for the same Attachment 1 - Annualized Transmission Projects, Line 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

10	Details	Salem 500 KV Breakers (051418-01418)		Salem 500 KV Breakers (051418-01418)		Salem 500 KV Breakers (051418-01418)		
		Beginning	Ending	Beginning	Ending	Beginning	Ending	
11	"Yes" if a project under P.M. GAT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes	Yes	
12	Useful life of the asset	42	42	42	42	42	42	
13	"Yes" if the customer has made a payment in the amount of the investment on the "Yes" response "No" if not	No	No	No	No	No	No	
14	From line 3 above, if "No" on line 12 and from line 7, below if "Yes" on line 13	0	0	0	0	0	0	
15	11.02% RCE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
16	FCR for This Project	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
17	Investment	6,300,433	45,865,436	15,865,287		21,732,218		
18	Line 17 divided by line 12	151.62	1,084.88	377.94		617.64		
19	Months in service for depreciation expense from Year placed in Service (if 0 = 0)	1300	1300	1300		1300		
20	Year placed in Service (if 0 = 0)	2012	2012	2012		2012		
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.08 % RCE	2008						
23	W Increased RCE	2008						
24	W 11.08 % RCE	2007						
25	W Increased RCE	2007						
26	W 11.08 % RCE	2008						
27	W Increased RCE	2008						
28	W 11.08 % RCE	2009						
29	W Increased RCE	2009						
30	W 11.08 % RCE	2010						
31	W Increased RCE	2010						
32	W 11.08 % RCE	2011						
33	W Increased RCE	2011						
34	W 11.08 % RCE	2012	4,404,012	57,853	422,751	22,800,930	123,008	808,857
35	W Increased RCE	2012	4,404,012	57,853	422,751	22,800,930	123,008	808,857
36	W 11.08 % RCE	2013	6,291,725	151,180	1,025,313	45,386,800	1,083,543	7,388,162
37	W Increased RCE	2013	6,291,725	151,180	1,025,313	45,386,800	1,083,543	7,388,162
38	W 11.08 % RCE	2014	6,181,332	152,152	913,777	44,747,680	1,084,148	6,807,879
39	W Increased RCE	2014	6,181,332	152,152	913,777	44,747,680	1,084,148	6,807,879
40	W 11.08 % RCE	2015	6,028,218	152,152	858,936	43,772,546	1,086,962	6,228,271
41	W Increased RCE	2015	6,028,218	152,152	858,936	43,772,546	1,086,962	6,228,271
42	W 11.08 % RCE	2016	5,877,086	152,152	824,887	42,862,264	1,086,665	5,978,887
43	W Increased RCE	2016	5,877,086	152,152	824,887	42,862,264	1,086,665	5,978,887
44	W 11.08 % RCE	2017	5,724,913	152,152	794,193	41,941,291	1,086,087	5,754,880
45	W Increased RCE	2017	5,724,913	152,152	794,193	41,941,291	1,086,087	5,754,880
46	W 11.08 % RCE	2018	5,572,760	152,152	764,894	40,445,234	1,086,087	5,107,866
47	W Increased RCE	2018	5,572,760	152,152	764,894	40,445,234	1,086,087	5,107,866
48	W 11.08 % RCE	2019	5,420,608	152,152	736,435	38,298,917	1,084,891	4,272,368
49	W Increased RCE	2019	5,420,608	152,152	736,435	38,298,917	1,084,891	4,272,368
50	W 11.08 % RCE	2020	5,268,456	152,152	699,718	36,253,031	1,086,087	4,711,410
51	W Increased RCE	2020	5,268,456	152,152	699,718	36,253,031	1,086,087	4,711,410
52	W 11.08 % RCE	2021	5,116,303	152,152	664,111	33,232,586	1,086,087	2,305,133
53	W Increased RCE	2021	5,116,303	152,152	664,111	33,232,586	1,086,087	2,305,133

Public Service Electric and Gas Company
ATTACHMENT 10-A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	Net Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.81%
4	B	150	Net Plant Carrying Charge per 100 Base Point in RICE without Depreciation	10.42%
5	FCR if a CIAC		Line B less Line A	0.61%
6	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%

The FCR resulting from Formula is a per year fee used for that year only.
 The actual amount recovered is based on a per year fee not charge based on cost data for subsequent years.
 Per TEC Order dated December 31, 2011 in Docket No. ER12-236, the RICE for the Northeast Grid Reliability Project is 11.02%, which includes a 2% base point transmission RICE, which is authorized by FERC. To become effective January 1, 2012.
 For detailed cost lines (A, B, C, D, E, and F) will be transmitted in Attachment 8, Attachment Transmittal Form, Line 17a, the 12 month average balance from Attach 5a, and Line 19 will be number of months to be amortized in per plus sign.

10	Year if a project under FIM DART Schedule 12, otherwise "Net"	Details	Susquehanna Baseload < 200V (200-60)			Susquehanna Baseload > 200V (200-60)			Burlington, Camden 220KV Conversion (R156)			Mokelumne Gloucester Camden (R138-R139-7)		
			Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
11	Yes/No	Schedule 12	Yes			Yes			Yes			Yes		
12	Useful life of the asset	Life	42			42			42			42		
13	Year of the customer has paid a lump-sum payment in the amount of the investment on net - if otherwise not	CIAC	No			No			No			No		
14	Input the allowed increase in RICE	Increased RICE (Base Point)	125			125			0			0		
15	From line 3 above if "Net" on line 12 and Formula Line of	11.02% RICE	9.81%			9.81%			9.81%			9.81%		
16	Line 14 plus line 5 times line 12	FCR for This Project	10.57%			10.57%			9.81%			9.81%		
17	Service Account 101 or 105 if not grandfathered / End of year balance	Investment	40,538,248			22,110,808			38,574,848			48,647,168		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	966,166			17,188,333			4,489,878			14,683,219		
19	Months in service for depreciation expense from year placed in Service (if < 120)		120			120			120			120		
20			2011			2012			2011			2012		
21			2006			2006			2006			2006		
22			2007			2007			2007			2007		
23			2008			2008			2008			2008		
24			2009			2009			2009			2009		
25			2010			2010			2010			2010		
26			2011			2011			2011			2011		
27			2012			2012			2012			2012		
28			2013			2013			2013			2013		
29			2014			2014			2014			2014		
30			2015			2015			2015			2015		
31			2016			2016			2016			2016		
32			2017			2017			2017			2017		
33			2018			2018			2018			2018		
34			2019			2019			2019			2019		
35			2020			2020			2020			2020		
36			2021			2021			2021			2021		
37			2022			2022			2022			2022		

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

New Plant Carrying Charge

Fixed Charge Rate (FCR) if # and a CGAC

1	Formula Line	152	Net Plant Carrying Charge without Depreciation	0.81%
2	A	150	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation	10.42%
3	B		Line B less Line A	0.61%
4	FCR if a CGAC			
5	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.28%

The FCR resulting from Formula is a gross rate to be used for rate year only.
The return on investment is calculated as per the net savings based on cost less for subsequent years.
Per FERC Order dated December 31, 2017 in Docket No. ER12-286, the RCE for the Northeast Grid Reliability Project is 11.85%, which includes a 2% base point transmission RCE added as authorized by FERC to become effective January 1, 2012.
For standard cost lines 12, 16, 18 and 19, the number of months to be amortized is 12 months.
For standard cost lines 10, 14, 15, and 17, the number of months to be amortized is per year only.

10	Details	North Central Reliability (West Orange Conversion #2156)			Northeast Grid Reliability Project (R1304.1-81304.6)			Northeast Grid Reliability Project (R1304.5-81304.21)			Convert the Bergen - Marion 138 KV path to double circuit 345 KV and associated substation upgrades (R2306.10)		
		Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
11	Year of a project under F.M. D&T Schedule 12, otherwise "No"	Yes			Yes			Yes			Yes		
12	Useful life of the asset	42			42			42			42		
13	Year of the customer has paid a lumpsum payment in the amount of the investment on the project	Yes			No			No			No		
14	Input the allowed increase in RCE	0			0			0			0		
15	From line 3 above if "No" on line 13 and "Yes" above if "Yes" on line 14	11.85% RCE			9.8%			9.8%			9.8%		
16	FCR for This Project	9.8%			9.8%			9.8%			9.8%		
17	Investment	368,945.03			62,108.268			30,936.265			170,052.240		
18	Line 17 divided by line 12	8,638.249			1,484.024			1,355.483			4,273.934		
19	Months in service for depreciation expense from year placed in Service (if 0 = 0)	15.00			15.00			15.00			15.00		
20	2021	2021			2021			2021			2021		
21		2006											
22	W 11.68 % RCE	2006											
23	W Increased RCE	2007											
24	W 11.68 % RCE	2007											
25	W Increased RCE	2008											
26	W 11.68 % RCE	2008											
27	W Increased RCE	2009											
28	W 11.68 % RCE	2009											
29	W Increased RCE	2010											
30	W 11.68 % RCE	2010											
31	W Increased RCE	2011											
32	W 11.68 % RCE	2011	10,441,748	30,113	220,040								
33	W Increased RCE	2012	14,441,749	91,115	770,144								
34	W 11.68 % RCE	2012	257,640,264	6,135,009	41,929,935	23,468,022	86,647	552,263					
35	W Increased RCE	2013	257,640,264	6,135,009	41,929,935	23,468,022	86,647	558,801					
36	W 11.68 % RCE	2013	965,475,484	7,742,354	47,135,528	274,113,225	2,382,827	14,884,913					
37	W Increased RCE	2014	965,475,484	7,742,354	47,135,528	274,113,225	2,382,827	14,884,913					
38	W 11.68 % RCE	2014	365,885,268	8,777,921	50,370,837	433,397,024	2,852,876	48,295,391					
39	W Increased RCE	2015	365,885,268	8,777,921	50,370,837	433,397,024	2,852,876	48,869,053					
40	W 11.68 % RCE	2015	347,072,992	8,805,472	48,529,997	615,905,487	12,804,341	73,235,415	302,037,464	8,381,606	48,665,417	178,685,530	2,436,710
41	W Increased RCE	2016	347,072,992	8,805,472	48,529,997	615,905,487	12,804,341	74,226,857	352,027,464	8,381,606	49,268,709	178,685,530	2,436,710
42	W 11.68 % RCE	2016	338,516,483	8,809,669	47,713,815	602,265,287	14,885,514	62,408,233	342,809,668	8,356,943	48,703,141	178,296,656	4,203,493
43	W Increased RCE	2017	338,516,483	8,809,669	47,713,815	602,265,287	14,885,514	63,447,128	342,809,668	8,356,943	47,372,473	178,296,656	4,203,493
44	W 11.68 % RCE	2017	329,708,784	8,809,669	47,713,815	587,254,037	14,887,262	73,900,538	334,207,320	8,358,711	42,006,557	174,138,554	4,283,105
45	W Increased RCE	2018	329,708,784	8,809,669	47,713,815	587,254,037	14,887,262	74,144,812	334,207,320	8,358,711	41,516,387	174,138,554	4,283,105
46	W 11.68 % RCE	2018	320,336,205	8,808,249	47,220,026	572,220,026	14,884,041	61,151,642	326,824,479	8,355,470	34,705,089	168,462,457	4,271,000
47	W Increased RCE	2019	320,336,205	8,808,249	47,220,026	572,220,026	14,884,041	62,002,045	325,832,479	8,355,470	35,184,820	168,462,457	4,271,000
48	W 11.68 % RCE	2019	312,097,389	8,805,669	46,838,415	557,283,415	14,884,917	60,805,026	317,512,236	8,356,346	35,845,705	164,165,874	4,270,352
49	W Increased RCE	2020	312,097,389	8,805,669	46,838,415	557,283,415	14,884,917	60,412,029	317,512,236	8,356,346	36,477,600	164,165,874	4,270,352
50	W 11.68 % RCE	2020	303,218,257	8,808,249	46,838,415	542,462,214	14,884,954	60,146,484	306,121,200	8,355,483	36,881,241	160,330,851	4,273,334
51	W Increased RCE	2021	303,218,257	8,808,249	46,838,415	542,462,214	14,884,954	60,931,174	306,121,200	8,355,483	38,155,265	160,030,851	4,273,334

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge				
2	Fixed Charge Rate (FCR) #				
	Fixed a CAC	Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation		9.91%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation		10.42%
5	C		Line 3 times Line 4		9.91%
6	FCR if a CAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.20%

The FCR resulting from Formula in a given year is used for that year only.
The return and income tax credits in a year do not change based on cost data for subsequent years.
For FERC Order dated December 31, 2011 in Docket No. ER13-236, the RCE for the Northeast Grid Reliability Project is 11.0%, which includes a 25 basis point transmission RCE added as authorized by FERC to become effective January 1, 2012.
For implementation of lines 12, 13, 14, and 15 refer to Attachment 3 - Approved Transmission Projects, Line 19 in the 13 month average balance from Attachment 8a, and Line 19 will be number of months to be amortized in year plus one.

Line #	Description	Convert the Marion - Bayonne "L" 138 KV circuit to 345 KV and any associated substation upgrades (04248-21)				Convert the Marion - Bayonne "C" 138 KV circuit to 345 KV and any associated substation upgrades (04248-22)				Construct a new Bayway - Bayonne 345 KV circuit and any associated substation upgrades (04248-32)				Construct a new North Ave - Bayonne 345 KV circuit and any associated substation upgrades (04248-34)			
		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
10	Year of a project under PJM QATT Schedule 12, otherwise "0"	Yes				Yes				Yes				Yes			
11	Useful life of the project	40				40				40				40			
12	FCR for this project	9.91%				9.91%				9.91%				9.91%			
13	Line 19 divided by line 12	13.0				13.0				13.0				13.0			
14	Line 19 divided by line 12	205				205				205				205			
15	Line 19 divided by line 12	205				205				205				205			
16	Line 19 divided by line 12	205				205				205				205			
17	Line 19 divided by line 12	205				205				205				205			
18	Line 19 divided by line 12	205				205				205				205			
19	Line 19 divided by line 12	205				205				205				205			
20	Line 19 divided by line 12	205				205				205				205			
21	Line 19 divided by line 12	205				205				205				205			
22	Line 19 divided by line 12	205				205				205				205			
23	Line 19 divided by line 12	205				205				205				205			
24	Line 19 divided by line 12	205				205				205				205			
25	Line 19 divided by line 12	205				205				205				205			
26	Line 19 divided by line 12	205				205				205				205			
27	Line 19 divided by line 12	205				205				205				205			
28	Line 19 divided by line 12	205				205				205				205			
29	Line 19 divided by line 12	205				205				205				205			
30	Line 19 divided by line 12	205				205				205				205			
31	Line 19 divided by line 12	205				205				205				205			
32	Line 19 divided by line 12	205				205				205				205			
33	Line 19 divided by line 12	205				205				205				205			
34	Line 19 divided by line 12	205				205				205				205			
35	Line 19 divided by line 12	205				205				205				205			
36	Line 19 divided by line 12	205				205				205				205			
37	Line 19 divided by line 12	205				205				205				205			
38	Line 19 divided by line 12	205				205				205				205			
39	Line 19 divided by line 12	205				205				205				205			
40	Line 19 divided by line 12	205				205				205				205			
41	Line 19 divided by line 12	205				205				205				205			
42	Line 19 divided by line 12	205				205				205				205			
43	Line 19 divided by line 12	205				205				205				205			
44	Line 19 divided by line 12	205				205				205				205			
45	Line 19 divided by line 12	205				205				205				205			
46	Line 19 divided by line 12	205				205				205				205			
47	Line 19 divided by line 12	205				205				205				205			
48	Line 19 divided by line 12	205				205				205				205			
49	Line 19 divided by line 12	205				205				205				205			
50	Line 19 divided by line 12	205				205				205				205			
51	Line 19 divided by line 12	205				205				205				205			
52	Line 19 divided by line 12	205				205				205				205			
53	Line 19 divided by line 12	205				205				205				205			
54	Line 19 divided by line 12	205				205				205				205			
55	Line 19 divided by line 12	205				205				205				205			
56	Line 19 divided by line 12	205				205				205				205			
57	Line 19 divided by line 12	205				205				205				205			
58	Line 19 divided by line 12	205				205				205				205			
59	Line 19 divided by line 12	205				205				205				205			
60	Line 19 divided by line 12	205				205				205				205			
61	Line 19 divided by line 12	205				205				205				205			
62	Line 19 divided by line 12	205				205				205				205			
63	Line 19 divided by line 12	205				205				205				205			
64	Line 19 divided by line 12	205				205				205				205			
65	Line 19 divided by line 12	205				205				205				205			
66	Line 19 divided by line 12	205				205				205				205			
67	Line 19 divided by line 12	205				205				205				205			
68	Line 19 divided by line 12	205				205				205				205			
69	Line 19 divided by line 12	205				205				205				205			
70	Line 19 divided by line 12	205				205				205				205			
71	Line 19 divided by line 12	205				205				205				205			
72	Line 19 divided by line 12	205				205				205				205			
73	Line 19 divided by line 12	205				205				205				205			
74	Line 19 divided by line 12	205				205				205				205			
75	Line 19 divided by line 12	205				205				205				205			
76	Line 19 divided by line 12	205				205				205				205			
77	Line 19 divided by line 12	205				205				205				205			
78	Line 19 divided by line 12	205				205				205				205			
79	Line 19 divided by line 12	205				205				205				205			
80	Line 19 divided by line 12	205				205				205				205			
81	Line 19 divided by line 12	205				205				205				205			
82	Line 19 divided by line 12	205				205				205				205			
83	Line 19 divided by line 12	205				205				205				205			
84	Line 19 divided by line 12	205				205				205				205			
85	Line 19 divided by line 12	205				205				205				205			
86	Line 19 divided by line 12	205				205				205				205			
87	Line 19 divided by line 12	205				205				205				205			
88	Line 19 divided by line 12	205				205				205				205			
89	Line 19 divided by line 12	205				205				205				205			
90	Line 19 divided by line 12	205				205				205				205			
91	Line 19 divided by line 12	205				205				205				205			
92	Line 19 divided by line 12	205				205				205				205			
93	Line 19 divided by line 12	205				205				205				205			
94	Line 19 divided by line 12	205				205				205				205			
95	Line 19 divided by line 12	205				205				205				205			
96	Line 19 divided by line 12	205				205				205				205			
97	Line 19 divided by line 12	205				205				205				205			
98	Line 19 divided by line 12	205				205				205				205			
99	Line 19 divided by line 12	205				205				205				205			
100	Line 19 divided by line 12	205				205				205				205			

Public Service Electric and Gas Company
ATTACHMENT 10
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if it's a CAC			
3	A	Formula Line		
4	B	159	Net Plant Carrying Charge without Depreciation	9.81%
5	C		Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation	10.42%
6	FCR if a CAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%

The FCR resulting from Formula is a given year is used for that year only.
The above actual revenues collected in year to not change based on cost plan for subsequent years.
Per FERC Order dated December 16, 2011 in Docket No. ER12-206, the RCE for the Northeast Grid Reliability Project is 11.02%, which includes a 2 basis point transmission RCE and as authorized by FERC to become effective January 1, 2012.
For detailed sheet lines 12, 14, 15, and 16 refer to Attachment 11 - Associated Transmission Projects, Line 17 is the 13 month average balance from Attachment 8a, and Line 18 will be number of months to be amortized in year plus one.

Line	Details	Construct a new North Ave - 345 KV circuit and any associated substation upgrades (B2426.51)				Rebuild the underground portion of North Ave - Linden TT 138 KV circuit to Bayway, convert it to 245 KV, and any associated substation upgrades (B2426.55)				Construct a new Airport - Bayway 345 KV circuit and any associated substation upgrades (B2426.72)				Rebuild the overhead portion of Linden - North Ave TT 138 KV circuit to Bayway, convert it to 245 KV, and any associated substation upgrades (B2426.81)			
		Ending	Depreciation or Amortization	Revenue	Revenue	Ending	Depreciation or Amortization	Revenue	Revenue	Ending	Depreciation or Amortization	Revenue	Revenue	Ending	Depreciation or Amortization	Revenue	Revenue
10	"Yes" if a project under F.M. QAT Schedule 12, otherwise "No"	Yes				Yes				Yes				Yes			
11	Useful life of the project	42				42				42				42			
12	"Yes" if the customer has paid a lump-sum payment in the amount of the investment on line 11 - Formula 16	Yes				No				No				No			
13	Input the allowed increase in RCE	0				0				0				0			
14	From line 3 above, if "No" on line 12 and from line 7 above if "Yes" on line 13	9.81%				9.81%				9.81%				9.81%			
15	Line 14 plus line 5 times line 13 (100)	9.81%				9.81%				9.81%				9.81%			
16	Service Account 101 or 105 if not yet classified - End of year balance	65,235,930				43,050,622				81,612,264				64,768,072			
17	Line 17 divided by line 12	1,552,141				1,038,588				1,463,149				1,032,254			
18	Months in service for depreciation expense from year placed in service (if CWP)	2018				2015				2015				2015			
19	Year placed in service (if CWP)	2018				2015				2015				2015			
20																	
21																	
22	W 11.68 % RCE	2008				225,037	412	2,441		225,037	412	2,441		225,037	412	2,441	
23	W Increased RCE	2008				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
24	W 11.68 % RCE	2007				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
25	W Increased RCE	2007				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
26	W 11.68 % RCE	2008				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
27	W Increased RCE	2008				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
28	W 11.68 % RCE	2009				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
29	W Increased RCE	2009				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
30	W 11.68 % RCE	2010				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
31	W Increased RCE	2010				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
32	W 11.68 % RCE	2011				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
33	W Increased RCE	2011				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
34	W 11.68 % RCE	2012				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
35	W Increased RCE	2012				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
36	W 11.68 % RCE	2013				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
37	W Increased RCE	2013				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
38	W 11.68 % RCE	2014				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
39	W Increased RCE	2014				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
40	W 11.68 % RCE	2015				225,037	412	2,441		225,037	412	2,441		225,037	412	2,441	
41	W Increased RCE	2015				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
42	W 11.68 % RCE	2016				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
43	W Increased RCE	2016				349,829	8,202	47,577		349,829	8,202	47,577		349,829	8,202	47,577	
44	W 11.68 % RCE	2017				14,747,154	214,968	1,228,918		14,747,154	214,968	1,228,918		14,747,154	214,968	1,228,918	
45	W Increased RCE	2017				14,747,154	214,968	1,228,918		14,747,154	214,968	1,228,918		14,747,154	214,968	1,228,918	
46	W 11.68 % RCE	2018	65,344,588	975,261	5,038,205	48,375,837	892,291	4,952,318	87,724,569	1,428,689	7,365,228	48,346,394	1,116,292	5,721,000			
47	W Increased RCE	2018	65,344,588	975,261	5,038,205	48,375,837	892,291	4,952,318	87,724,569	1,428,689	7,365,228	48,346,394	1,116,292	5,721,000			
48	W 11.68 % RCE	2019	64,723,840	1,564,264	6,797,468	41,230,429	1,008,245	4,341,024	79,917,469	1,542,138	8,403,848	53,142,862	1,303,271	8,600,110			
49	W Increased RCE	2019	64,723,840	1,564,264	6,797,468	41,230,429	1,008,245	4,341,024	79,917,469	1,542,138	8,403,848	53,142,862	1,303,271	8,600,110			
50	W 11.68 % RCE	2020	63,125,038	1,954,428	7,644,309	40,201,468	1,011,225	4,884,265	77,772,319	1,541,228	8,433,963	52,054,741	1,305,209	8,300,199			
51	W Increased RCE	2020	63,125,038	1,954,428	7,644,309	40,201,468	1,011,225	4,884,265	77,772,319	1,541,228	8,433,963	52,054,741	1,305,209	8,300,199			
52	W 11.68 % RCE	2021	61,128,966	1,553,141	7,550,479	40,085,281	1,008,288	4,859,375	78,078,534	1,543,149	8,406,987	50,533,472	1,303,254	8,261,073			
53	W Increased RCE	2021	61,128,966	1,553,141	7,550,479	40,085,281	1,008,288	4,859,375	78,078,534	1,543,149	8,406,987	50,533,472	1,303,254	8,261,073			

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if Fixed a CAC	Formula Line		
3	A	102	Net Plant Carrying Charge without Depreciation	0.81%
4	B	109	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation	10.42%
5	C		Line 3 less Line 4	0.61%
6	FCR if a CAC			
7	D	103	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%

The FCR resulting from Formula is a gross rate to be used for that year only.
The above annual revenue collected in a year is not charge based on cost data for subsequent years.
For FERC Order dated December 31, 2011 in Docket No. ER12-26, the RCE for the Northeast Grid Reliability Project is 1.83%, which includes a 25 basis point transmission RCE added as authorized by FERC to become effective January 1, 2012. For grandfathered lines 12, 14, 15, and 16 of this Attachment 7, Approved Transmission Projects, Line 19 is the 12 month average balance from Attach. 9a, and Line 19 will be number of months to be amortized in year plus one.

21	Details	Convert the Bayway - Linden "C" 138 KV circuit to 345 KV and any associated substation upgrades (202426.63)	Convert the Bayway - Linden "W" 138 KV circuit to 345 KV and any associated substation upgrades (202426.64)	Convert the Bayway - Linden "W" 138 KV circuit to 345 KV and any associated substation upgrades (202426.65)	Rebuild Farragut - Hudson "B" and "C" 345 KV circuits to Series 345 KV and any associated substation upgrades (202426.30)	2020			2021			
						Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending
22	Year of a project under PSM QNT Schedule 12, otherwise "N/A"	Yes	Yes	Yes	Yes							
23	Useful life of the asset	42	42	42	42							
24	Year of the customer top and bottom payment in the context of investment on the "N" investment "N"	Yes	No	No	No							
25	Repeat the allowed increase in RCE	0	0	0	0							
26	From line 3 above if "Yes" on line 23 and from line 7 above if "N/A"	0.81%	0.81%	0.81%	0.81%							
27	Line 19 (Line 19 is 5 times line 11)	0.81%	0.81%	0.81%	0.81%							
28	Investment	54,768,072	53,301,480	53,301,480	53,301,480							31,275,265
29	Annual Depreciation or Asset Exp	1,903,254	1,900,080	1,900,080	1,900,080							744,600
30	Months in service for transmission revenue from Year Asset in Service (3 if 2007)	205	205	205	205							13,600
31												
32	W 11.68 % RCE	2006										
33	W Increased RCE	2006										
34	W 11.68 % RCE	2007										
35	W Increased RCE	2007										
36	W 11.68 % RCE	2008										
37	W Increased RCE	2008										
38	W 11.68 % RCE	2009										
39	W Increased RCE	2009										
40	W 11.68 % RCE	2010										
41	W Increased RCE	2010										
42	W 11.68 % RCE	2011										
43	W Increased RCE	2011										
44	W 11.68 % RCE	2012										
45	W Increased RCE	2012										
46	W 11.68 % RCE	2013										
47	W Increased RCE	2013										
48	W 11.68 % RCE	2014										
49	W Increased RCE	2014										
50	W 11.68 % RCE	2015	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441	
51	W Increased RCE	2015	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441	
52	W 11.68 % RCE	2016	723,468	12,273	71,227	723,468	12,273	71,227	723,468	12,273	71,227	28,441,681
53	W Increased RCE	2016	723,468	12,273	71,227	723,468	12,273	71,227	723,468	12,273	71,227	28,441,681
54	W 11.68 % RCE	2017	31,239,305	466,743	2,658,611	43,917,206	652,295	3,723,870	43,917,206	652,295	3,723,870	30,818,452
55	W Increased RCE	2017	31,239,305	466,743	2,658,611	43,917,206	652,295	3,723,870	43,917,206	652,295	3,723,870	30,818,452
56	W 11.68 % RCE	2018	48,348,304	1,178,292	5,721,000	48,812,814	1,062,190	5,578,331	48,812,814	1,062,190	5,578,331	30,173,644
57	W Increased RCE	2018	48,348,304	1,178,292	5,721,000	48,812,814	1,062,190	5,578,331	48,812,814	1,062,190	5,578,331	30,173,644
58	W 11.68 % RCE	2019	53,142,862	1,303,271	6,800,110	51,508,311	1,268,476	6,438,154	51,508,311	1,268,476	6,438,154	28,437,483
59	W Increased RCE	2019	53,142,862	1,303,271	6,800,110	51,508,311	1,268,476	6,438,154	51,508,311	1,268,476	6,438,154	28,437,483
60	W 11.68 % RCE	2020	52,054,241	1,305,209	6,320,199	50,557,738	1,272,000	6,142,767	50,557,737	1,272,000	6,142,767	28,679,547
61	W Increased RCE	2020	52,054,241	1,305,209	6,320,199	50,557,738	1,272,000	6,142,767	50,557,737	1,272,000	6,142,767	28,679,547
62	W 11.68 % RCE	2021	50,933,472	1,303,254	6,281,073	49,002,604	1,268,083	6,078,728	50,248,172	1,268,083	6,226,970	27,955,217
63	W Increased RCE	2021	50,933,472	1,303,254	6,281,073	49,002,604	1,268,083	6,078,728	50,248,172	1,268,083	6,226,970	27,955,217

Public Service Electric and Gas Company
 ATTACHMENT 10-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge				
2	Fixed Charge Rate (FCR) if Fixed # CAC	152			
3	A	Formula Line	Net Plant Carrying Charge without Depreciation	9.81%	
4	B	159	Net Plant Carrying Charge per 100 Basis Point in RCE without Depreciation	10.42%	
5	C		Line B less Line A	0.61%	
6	FCR # a CAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%	

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in year that change based on cost base for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER02-26, the RCE for the Northeast Grid Reliability Project is 11.00%, which includes a 2% base cost to transmission RCE, after as authorized by FERC to become effective January 1, 2012.
 For detailed cost lines 12, 14, 15 and 16 will be transferred to Absorbed Transmission Projects, Line 17 to the 12 month average balance from March 31, and Line 19 will be number of months to be amortized in per plus one.

10	Year if a project under PSM QATY Schedule 12, otherwise "No"	Details	Branchburg Pleasant Valley 230KV corridor rebuild (Branchburg - East Plainfield) (02298.21)			Convert the R-1316 and Q1317 (Edison - Metuchen) 138 KV circuits to one 230 KV circuit (Branchburg - Madison Road) (02328.1)			Convert the R-1316 and Q1317 (Edison - Metuchen) 138 KV circuits to one 230 KV circuit (Madison Road - Plains Ave) (02335.2)			Convert the R-1316 and Q1317 (Edison - Metuchen) 138 KV circuits to one 230 KV circuit (Plains Ave - Metuchen) (02334.3)			
			Yes/No	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
11	Useful life of the asset	Schedule 12	Yes	42		Yes	42		Yes	42		Yes	42		
12	Year 1 the customer top and a lumpsum payment in the amount of investment on the 10th anniversary year	CAC	Yes/No	No		No			No			No			
13	Repeat the allowed increase in RCE	Increased RCE (Base Points)	Yes/No	0		0		0	0		0	0			
14	From line 3 above if "No" on line 12 and from line 7 above if "Yes"	11.00% RCE		0.0%		0.0%		0.0%	0.0%		0.0%	0.0%			
15	100% of Line 5 times line 14	FCR for This Project		0.0%		0.0%		0.0%	0.0%		0.0%	0.0%			
16	Service Account 101 or 102 if the year completed - total of year balance	Investment		12,108,859		68,366,207		58,643,073		6,643,763		6,643,763			
17	Line 17 divided by line 12	Annual Depreciation or Asset Exp		1,260,460		2,104,745		1,260,368		202,804		202,804			
18	Months in service for transmission expense from Year Started in Service (0 if zero)			6.6		12.6		12.6		12.6		12.6			
19	20			303		203		203		203		203			
21				Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.00 % RCE	2006													
23	W Increased RCE	2006													
24	W 11.00 % RCE	2007													
25	W Increased RCE	2007													
26	W 11.00 % RCE	2008													
27	W Increased RCE	2008													
28	W 11.00 % RCE	2009													
29	W Increased RCE	2009													
30	W 11.00 % RCE	2010													
31	W Increased RCE	2010													
32	W 11.00 % RCE	2011													
33	W Increased RCE	2011													
34	W 11.00 % RCE	2012													
35	W Increased RCE	2012													
36	W 11.00 % RCE	2013													
37	W Increased RCE	2013													
38	W 11.00 % RCE	2014													
39	W Increased RCE	2014													
40	W 11.00 % RCE	2015													
41	W Increased RCE	2015													
42	W 11.00 % RCE	2016													
43	W Increased RCE	2016													
44	W 11.00 % RCE	2017													
45	W Increased RCE	2017													
46	W 11.00 % RCE	2018					2,659,068	37,193	192,131	2,659,068	37,193	192,131			
47	W Increased RCE	2018					2,659,068	37,193	192,131	2,659,068	37,193	192,131			
48	W 11.00 % RCE	2019					83,076,277	1,184,132	5,203,531	82,624,372	765,680	3,364,016	7,860,842	114,708	504,244
49	W Increased RCE	2019					83,076,277	1,184,132	5,203,531	82,624,372	765,680	3,364,016	7,860,842	114,708	504,244
50	W 11.00 % RCE	2020					84,517,903	2,022,164	10,102,188	83,289,876	1,284,705	6,405,814	7,975,524	191,040	863,080
51	W Increased RCE	2020					84,517,903	2,022,164	10,102,188	83,289,876	1,284,705	6,405,814	7,975,524	191,040	863,080
52	W 11.00 % RCE	2021					82,108,859	833,250	3,242,823	81,065,466	1,333,293	6,122,814	8,338,035	205,368	1,021,378
53	W Increased RCE	2021					82,108,859	833,250	3,242,823	81,065,466	1,333,293	6,122,814	8,338,035	205,368	1,021,378

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge				
2	Fixed Charge Rate (FCR) if Fretch & CAC	Formula Line			
3	A	150	Net Plant Carrying Charge without Depreciation		8.81%
4	B	150	Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation		10.42%
5	C		Line B less Line A		0.61%
6	FCR if a CAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.20%

The FCR resulting from Formula is a given year is used for that year only.
The fixed charge rate is calculated on a year-to-year basis and is not subject to subsequent years.
For FERC Order dated December 16, 2011 in Docket No. ER12-206, the RCE for the Northeast Gas Reliability Project is 10.25%, which includes a 2 basis point transmission RCE and is authorized by FERC to become effective January 1, 2012.
For detailed sheet lines 12, 14, 15, and 16 refer to Attachment 1 - Annualized Transmission Projects, Line 17 to line 13 month average balance from Attach B, and Line 12 will be number of months to be amortized in year plus one.

10	Details	Convert the M-1346 and T-1372D-1330 (Brunswick - Trenton) 138 KV circuits to 230 KV circuits (Brunswick - Trenton) (2020-21)			Convert the M-1346 and T-1372D-1330 (Brunswick - Trenton) 138 KV circuits to 230 KV circuits (Brunswick - Trenton) (2020-21)			Convert the M-1346 and T-1372D-1330 (Brunswick - Trenton) 138 KV circuits to 230 KV circuits (Brunswick - Trenton) (2020-21)			Convert the F-13502-1328 and K-1353Y-1325 (Trenton - Burlington) 138 KV circuits to 230 KV circuits (Trenton - Burlington) (2020-21)			
		Yes	No	FCR	Yes	No	FCR	Yes	No	FCR	Yes	No	FCR	
11	"Yes" if a project under PJM QAT Schedule 12, otherwise "No"	Yes			Yes			Yes			Yes			
12	Useful life of the contract	42			42			42			42			
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on the "FCR Investment" that equal the allowed increase in RCE	No			No			No			No			
14	From line 3 above if "Yes" on line 12 and Formula 7 above if "Yes" on line 13	0			0			0			0			
15	Line 14 plus line 5 times line 15/100	0.61%			0.61%			0.61%			0.61%			
16	Line 17 divided by line 12	77.607435			60.894876			67.374335			34.766465			
17	Months in service for depreciation expense from Year placed in Service (if a CAC)	2028			2018			2018			2012			
18	Invest Yr	2006			2006			2006			2006			
19	W Increased RCE	2006			2006			2006			2006			
20	W Increased RCE	2007			2007			2007			2007			
21	W Increased RCE	2008			2008			2008			2008			
22	W Increased RCE	2009			2009			2009			2009			
23	W Increased RCE	2010			2010			2010			2010			
24	W Increased RCE	2011			2011			2011			2011			
25	W Increased RCE	2012			2012			2012			2012			
26	W Increased RCE	2013			2013			2013			2013			
27	W Increased RCE	2014			2014			2014			2014			
28	W Increased RCE	2015			2015			2015			2015			
29	W Increased RCE	2016			2016			2016			2016			
30	W Increased RCE	2017			2017			2017			2017			
31	W Increased RCE	2018	572,884	8,389	43,336			450,604	1,558	8,895	450,604	1,558	8,895	
32	W Increased RCE	2019	36,080,098	350,313	1,539,088	25,358,212	303,797	1,335,462	47,846,023	509,593	2,240,121	10,916,807	91,099	400,583
33	W Increased RCE	2020	67,121,246	1,348,583	6,776,056	44,607,790	911,381	4,574,715	88,620,653	1,796,235	8,821,825	23,872,589	343,139	1,725,314
34	W Increased RCE	2021	76,103,549	1,847,729	9,294,426	49,654,718	1,266,850	6,090,893	95,198,497	2,312,363	11,618,974	34,350,161	759,264	3,746,596
35	W Increased RCE	2021	76,103,549	1,847,729	9,294,426	49,654,718	1,266,850	6,090,893	95,198,497	2,312,363	11,618,974	34,350,161	759,264	3,746,596

Public Service Electric and Gas Company
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carrying Charge				
2	Fixed Charge Rate (FCR) if FCR is a CAC	Formula Line			
3	A	150	Net Plant Carrying Charge without Depreciation		0.81%
4	B	150	Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation		10.42%
5	C		Line B less Line A		0.61%
6	FCR if a CAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.20%
8			The FCR resulting from Formula is a given year is used for that year only.		
9			The historic actual revenues collected in year do not change based on cost data for subsequent years.		
10			For FERC Order dated December 16, 2011 in Docket No. ER12-236, the RCE for the Northeast Gas Reliability Project is 10.25%, which includes a 2 basis point transmission RCE and is authorized by FERC to become effective January 1, 2012.		
11			For detailed actual lines 12, 14, 15, and 17 refer to Attachment 11 - Additional Transmission Projects, Line 17 is the 13 month average balance from Attachment 8a, and Line 15 will be number of months to be amortized in year plus one.		

10	Details	Convert the F-15662-1326 and K-15637-1325 (Trenton - Burlington) 138 kV circuits to 220 kV circuits (Circuit/Re_Rev and Area K-15637-2)			Convert the F-15662-1326 and K-15637-1325 (Trenton - Burlington) 138 kV circuits to 220 kV circuits (West - Crowsnest, Y-15637-2)			Convert the F-15662-1326 and K-15637-1325 (Trenton - Burlington) 138 kV circuits to 220 kV circuits (Crowsnest - Burlington, Y-15637-6)			Convert the F-15662-1326 and K-15637-1325 (Trenton - Burlington) 138 kV circuits to 220 kV circuits (Burlington - Burlington, Y-15637-5)		
		Yes	No	FCR	Yes	No	FCR	Yes	No	FCR	Yes	No	FCR
11	Useful life of the contract	42			42			42			42		
12	Useful life of the contract	42			42			42			42		
13	Useful life of the contract	42			42			42			42		
14	Useful life of the contract	42			42			42			42		
15	Useful life of the contract	42			42			42			42		
16	Useful life of the contract	42			42			42			42		
17	Useful life of the contract	42			42			42			42		
18	Useful life of the contract	42			42			42			42		
19	Useful life of the contract	42			42			42			42		
20	Useful life of the contract	42			42			42			42		
21	Useful life of the contract	42			42			42			42		
22	Useful life of the contract	42			42			42			42		
23	Useful life of the contract	42			42			42			42		
24	Useful life of the contract	42			42			42			42		
25	Useful life of the contract	42			42			42			42		
26	Useful life of the contract	42			42			42			42		
27	Useful life of the contract	42			42			42			42		
28	Useful life of the contract	42			42			42			42		
29	Useful life of the contract	42			42			42			42		
30	Useful life of the contract	42			42			42			42		
31	Useful life of the contract	42			42			42			42		
32	Useful life of the contract	42			42			42			42		
33	Useful life of the contract	42			42			42			42		
34	Useful life of the contract	42			42			42			42		
35	Useful life of the contract	42			42			42			42		
36	Useful life of the contract	42			42			42			42		
37	Useful life of the contract	42			42			42			42		
38	Useful life of the contract	42			42			42			42		
39	Useful life of the contract	42			42			42			42		
40	Useful life of the contract	42			42			42			42		
41	Useful life of the contract	42			42			42			42		
42	Useful life of the contract	42			42			42			42		
43	Useful life of the contract	42			42			42			42		
44	Useful life of the contract	42			42			42			42		
45	Useful life of the contract	42			42			42			42		
46	Useful life of the contract	42			42			42			42		
47	Useful life of the contract	42			42			42			42		
48	Useful life of the contract	42			42			42			42		
49	Useful life of the contract	42			42			42			42		
50	Useful life of the contract	42			42			42			42		
51	Useful life of the contract	42			42			42			42		
52	Useful life of the contract	42			42			42			42		
53	Useful life of the contract	42			42			42			42		
54	Useful life of the contract	42			42			42			42		
55	Useful life of the contract	42			42			42			42		
56	Useful life of the contract	42			42			42			42		
57	Useful life of the contract	42			42			42			42		
58	Useful life of the contract	42			42			42			42		
59	Useful life of the contract	42			42			42			42		
60	Useful life of the contract	42			42			42			42		
61	Useful life of the contract	42			42			42			42		
62	Useful life of the contract	42			42			42			42		
63	Useful life of the contract	42			42			42			42		
64	Useful life of the contract	42			42			42			42		
65	Useful life of the contract	42			42			42			42		
66	Useful life of the contract	42			42			42			42		
67	Useful life of the contract	42			42			42			42		
68	Useful life of the contract	42			42			42			42		
69	Useful life of the contract	42			42			42			42		
70	Useful life of the contract	42			42			42			42		
71	Useful life of the contract	42			42			42			42		
72	Useful life of the contract	42			42			42			42		
73	Useful life of the contract	42			42			42			42		
74	Useful life of the contract	42			42			42			42		
75	Useful life of the contract	42			42			42			42		
76	Useful life of the contract	42			42			42			42		
77	Useful life of the contract	42			42			42			42		
78	Useful life of the contract	42			42			42			42		
79	Useful life of the contract	42			42			42			42		
80	Useful life of the contract	42			42			42			42		
81	Useful life of the contract	42			42			42			42		
82	Useful life of the contract	42			42			42			42		
83	Useful life of the contract	42			42			42			42		
84	Useful life of the contract	42			42			42			42		
85	Useful life of the contract	42			42			42			42		
86	Useful life of the contract	42			42			42			42		
87	Useful life of the contract	42			42			42			42		
88	Useful life of the contract	42			42			42			42		
89	Useful life of the contract	42			42			42			42		
90	Useful life of the contract	42			42			42			42		
91	Useful life of the contract	42			42			42			42		
92	Useful life of the contract	42			42			42			42		
93	Useful life of the contract	42			42			42			42		
94	Useful life of the contract	42			42			42			42		
95	Useful life of the contract	42			42			42			42		
96	Useful life of the contract	42			42			42			42		
97	Useful life of the contract	42			42			42			42		
98	Useful life of the contract	42			42			42			42		
99	Useful life of the contract	42			42			42			42		
100	Useful life of the contract	42			42			42			42		

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charge Worksheet (TEC) - December 1

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if it's a CAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.81%
4	B	159	Net Plant Carrying Charge per 100 Base Point in RCE without Depreciation	10.42%
5	C		Line B less Line A	0.61%
6	FCR if a CAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, not Income Taxes	1.26%
8			The FCR resulting from Formula is a given year & used for that year only.	
9			The first actual revenues collected in a year do not change based on cost data for subsequent years.	
			Per FERC Order dated December 28, 2011 in Docket No. ER12-296, the RCE for the Northeast Grid Reliability Project is 11.82%, which includes a 2% base point transmission RCE, after an adjustment by FERC to become effective January 1, 2012.	
			For approved cost lines 12, 13, 15, and 16 the transmission RCE is Adjusted Transmission Property Line 17 in the 12 month average balance from Attach 10, and Line 19 will be number of months to be amortized in year plus one.	

10	Details	Convert the F-1368Z-1326 and K-1363Y-1326 (Trenton Burlington 138 KV circuits to 230 KV circuits (West Valley) (R-1363Z-A) (R-2037-Z))			Convert the F-1368Z-1326 and K-1363Y-1326 (Trenton Burlington 138 KV circuits to 230 KV circuits (West Valley) (R-1363Z-A) (R-2037-Z))			Convert the F-1368Z-1326 and K-1363Y-1326 (Trenton Burlington 138 KV circuits to 230 KV circuits (West Valley) (R-1363Z-A) (R-2037-Z))			Convert the F-1368Z-1326 and K-1363Y-1326 (Trenton Burlington 138 KV circuits to 230 KV circuits (West Valley) (R-1363Z-A) (R-2037-Z))			
		Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
11	"Yes" if a project under F-26 GAT Schedule 12, otherwise "No"	Yes			Yes			Yes			Yes			
12	Useful life of the project	42			42			42			42			
13	"Yes" if the customer has paid a lump-sum payment in the amount of the investment on line 14. If otherwise "No"	NA			NA			NA			NA			
14	Input the allowed increase in RCE	0			0			0			0			
15	From line 3 above, if "No" on line 12 and from line 7, adjust if "Yes" on line 13	9.81%			9.81%			9.81%			9.81%			
16	Line 14 plus line 5 times line 15 (100)	9.81%			9.81%			9.81%			9.81%			
17	Service Account 101 or 106 if not yet classified - End of year balance	34,865,190			11,265,046			6,162,734			3,081,513			
18	Line 17 divided by line 12	825,362			268,148			184,113			73,165			
19	Months in service for depreciation expense from year added in service (if F-CWP)	11.56			11.91			11.66			11.61			
20		2018			2018			2018			2018			
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % RCE	2006												
23	W Increased RCE	2006												
24	W 11.68 % RCE	2007												
25	W Increased RCE	2007												
26	W 11.68 % RCE	2008												
27	W Increased RCE	2008												
28	W 11.68 % RCE	2009												
29	W Increased RCE	2009												
30	W 11.68 % RCE	2010												
31	W Increased RCE	2010												
32	W 11.68 % RCE	2011												
33	W Increased RCE	2011												
34	W 11.68 % RCE	2012												
35	W Increased RCE	2012												
36	W 11.68 % RCE	2013												
37	W Increased RCE	2013												
38	W 11.68 % RCE	2014												
39	W Increased RCE	2014												
40	W 11.68 % RCE	2015												
41	W Increased RCE	2015												
42	W 11.68 % RCE	2016												
43	W Increased RCE	2016												
44	W 11.68 % RCE	2017												
45	W Increased RCE	2017												
46	W 11.68 % RCE	2018												
47	W Increased RCE	2018												
48	W 11.68 % RCE	2019	9,378,489	80,370	353,300	828,888	13,860	60,047	1,452,159	32,211	141,895	1,452,159	32,211	141,895
49	W Increased RCE	2019	9,378,489	80,370	353,300	828,888	13,860	60,047	1,452,159	32,211	141,895	1,452,159	32,211	141,895
50	W 11.68 % RCE	2020	23,445,000	302,410	1,672,767	7,857,652	64,359	324,522	6,289,759	48,817	235,295	2,291,669	38,048	189,882
51	W Increased RCE	2020	23,445,000	302,410	1,672,767	7,857,652	64,359	324,522	6,289,759	48,817	235,295	2,291,669	38,048	189,882
52	W 11.68 % RCE	2021	38,224,410	730,074	3,743,024	11,185,030	243,088	1,248,875	8,073,707	174,152	884,808	2,880,527	64,423	303,779
53	W Increased RCE	2021	38,224,410	730,074	3,743,024	11,185,030	243,088	1,248,875	8,073,707	174,152	884,808	2,880,527	64,423	303,779

Public Service Electric and Gas Company
ATTACHMENT 10-10A
Attachment 7 - Transmission Enhancement Charge Worksheet (TEC) - December 31, 2021

1, 2021

Page 21 of 21

1	Net Plant Carrying Charge				
2	Fixed Charge Rate (FCR) if Fixed & CAC				
3		Formula Line		Net Plant Carrying Charge without Depreciation	0.81%
4	A	152		Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%
5	D	159		Line 3 less Line A	0.61%
6	FCR if a CAC				
7	D	153		Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.20%

The FCR resulting from Formula is a given year's used for that year only.
 The ROE which includes scheduled 3 year life or change based on cost data for subsequent years.
 The FERC Order dated December 30, 2011 in Docket No. ER12-26, the ROE for the Northeast Grid Reliability Project is 11.87%, which includes a 25 basis point transmission ROE added as authorized by FERC to become effective January 1, 2012.
 For attachments 10-11, 12, 13, 14, and 15 of this attachment 10, Attachment Transmission Practice, Line 17 is the 12 month average balance from Attach. 8a, and Line 19 will be number of months to be amortized in year plus one.

16	Details	Convert the F-13582-1328 and K-1351Y-1325 (Division - Burlington 138 KV circuit to 228 KV circuit (Burlington - Burlington 2) (R2027-10)		Convert the F-13582-1328 and K-1351Y-1325 (Division - Burlington 138 KV circuit to 228 KV circuit (Burlington - Burlington 2) (R2027-11)		Total	Incentive Charged	Revenue Credit			
		Yes	No	Yes	No						
17	"Yes" if a project under P3-01 QATY Schedule 12, otherwise "No"	(Yes or No)									
18	Useful life of the project	Life	42	42							
19	"Yes" if the customer has paid a lump-sum payment in the amount of the investment cost	CAC	No	No							
20	Is the ROE "increased" (input the allowed increase in ROE)	Increased ROE (Basis Points)	0	0							
21	From line 3 above if "No" on line 12 and Formula F above if "Yes" on line 12	11.65% ROE	0.81%	0.81%							
22	150/100	FCR for This Project	0.81%	0.81%							
23	Service Account 101 or 102 if not yet identified - 25% of year balance	Investment	28,575,368	34,868,051							
24	Line 17 divided by line 12	Annual Depreciation or Amort Exp	680,318	811,407							
25	Months in service for depreciation expense from time placed in service (if > 60 - CMPE)		10.33	10.30							
26			2020	2019							
27		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Total	Incentive Charged	Revenue Credit
28	W 11.65 % ROE	2006									
29	W Increased ROE	2006									
30	W 11.65 % ROE	2007									
31	W Increased ROE	2007									
32	W 11.65 % ROE	2008									
33	W Increased ROE	2008									
34	W 11.65 % ROE	2009									
35	W Increased ROE	2009									
36	W 11.65 % ROE	2010									
37	W Increased ROE	2010									
38	W 11.65 % ROE	2011									
39	W Increased ROE	2011									
40	W 11.65 % ROE	2012									
41	W Increased ROE	2012									
42	W 11.65 % ROE	2013									
43	W Increased ROE	2013									
44	W 11.65 % ROE	2014									
45	W Increased ROE	2014									
46	W 11.65 % ROE	2015									
47	W Increased ROE	2015									
48	W 11.65 % ROE	2016									
49	W Increased ROE	2016									
50	W 11.65 % ROE	2017									
51	W Increased ROE	2017									
52	W 11.65 % ROE	2018									
53	W Increased ROE	2018									
54	W 11.65 % ROE	2019	2,125,935	3,894	17,116	2,125,935	3,894	17,116	\$ 603,250,771	\$ 603,250,771	
55	W Increased ROE	2019	2,125,935	3,894	17,116	2,125,935	3,894	17,116	\$ 509,660,428	\$ 509,660,428	
56	W 11.65 % ROE	2020	16,173,343	89,362	450,867	16,342,368	95,983	484,283	\$ 606,008,007	\$ 606,008,007	\$ 6,409,665
57	W Increased ROE	2020	16,173,343	89,362	450,867	16,342,368	95,983	484,283	\$ 602,248,962	\$ 602,248,962	\$ 6,240,465
58	W 11.65 % ROE	2021	28,480,114	540,798	2,781,656	33,668,975	642,411	3,261,799	\$ 636,113,552	\$ 636,113,552	
59	W Increased ROE	2021	28,480,114	540,798	2,781,656	33,668,975	642,411	3,261,799	\$ 642,350,268	\$ 642,350,268	\$ 6,238,738
60	W 11.65 % ROE	2022	26,880,114	540,798	2,781,656						
61	W Increased ROE	2022	26,880,114	540,798	2,781,656						

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 8 - Depreciation Rates

<u>Plant Type</u>	<u>PSE&G</u>
Transmission	2.40
Distribution	
High Voltage Distribution	2.49
Meters	2.49
Line Transformers	2.49
All Other Distribution	2.49
General & Common	
Structures and Improvements	1.40
Office Furniture	5.00
Office Equipment	25.00
Computer Equipment	14.29
Personal Computers	33.33
Store Equipment	14.29
Tools, Shop, Garage and Other Tangible Equipment	14.29
Laboratory Equipment	20.00
Communications Equipment	10.00
Miscellaneous Equipment	14.29

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 9 - Excess/(Deficient) Deferred Income Taxes - FERC Order 864 Worksheet (4)**

Line No.	Year	Description:	Vintage:	A		B	C	D=(C*Tax Gross-up rate) (1)	E=(C+D)	F		G	H	I	J	K=(I+J)	L=(K*Tax Gross-up rate) (1)	M=(K+L)	N=(C+K)	O=(E+M)
				Beginning of the Year Excess/(Deficient) ADIT Regulatory Liability/(Asset)			Income Tax Gross-Up	Total Account 254/(Account 182.3)	Amortization Period		Amount Amortized				Income Tax Gross-Up	Total Amortization with Gross-up	End of the Year Balance			
				Protected Original Account 282	Unprotected Original Account 190/282/283	Total Excess/(Deficient) Deferred Taxes Account 254/(Account 182.3)			Protected	Unprotected	FERC Account No. (3)	Protected	Unprotected	Total Amortization			Excess/(Deficient) DIT Account 254/(Account 182.3)	Excess/(Deficient) DIT with Gross-Up Account 254/(Account 182.3)		
1	2021	Protected	2017 TCJA	(2)	674,572,091		674,572,091	263,767,165	938,339,256	ARAM		411.1	(3,054,643)		(3,054,643)	(1,194,408)	(4,249,051)	671,517,448	934,090,204	
2	2021	Unprotected	2017 TCJA	(2)			-	-	-	1 Year		411.1			-	-	-	-	-	
3	Total Excess/(Deficient) DIT:				674,572,091	-	674,572,091	263,767,165	938,339,256				(3,054,643)	-	(3,054,643)	(1,194,408)	(4,249,051)	671,517,448	934,090,204	

Notes:

(1) The Tax Cuts and Jobs Act was enacted on December 22, 2017 ("TCJA"). The TCJA reduced the federal corporate income tax rate from 35% to 21%, effective January 1, 2018. The composite and gross-up rates used for the remeasurement of ADIT balances are:

	Pre TCJA	Post TCJA
Federal income tax rate	35.00%	21.00%
State income tax rate	9.00%	9.00%
Federal benefit of deduction for state income tax	-3.15%	-1.89%
Composite federal/state income tax rate	40.85%	28.11%
Composite federal/state tax gross-up factor	1.69062	1.39101

(2) These amounts represent the future refunds to customers of PSE&G's excess deferred income tax liabilities as a result of the TCJA reduction in the federal corporate income tax rate effective January 1, 2018 and as reflected in PSE&G's FERC-approved Section 205 filing in Docket No. ER19-204.

(3) Excess DIT is amortized to FERC Account 411.1 and Deficient DIT is amortized to FERC Account 410.1.

(4) Unamortized Excess/(Deficient) Deferred Tax Regulatory Liabilities/(Assets) and the amortization of those Regulatory Liabilities/(Assets) arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Public Service Electric and Gas Company
Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
12 Months Ended December 31, 2021

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2021) *	Anticipated/Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,614,102	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$ 86,467,721	Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom	\$ 22,188,863	May-07
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$ 27,005,248	May-08
b0161	Install 230-138kV transformer at Metuchen substation	\$ 25,654,455	Nov-09
b0169	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	\$ 15,731,554	May-09
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	May-08
b0172.2	Replace wave trap at Branchburg 500kV substation	\$ 27,988	Feb-08
b0274	Replace both 230/138 kV transformers at Roseland	\$ 21,014,433	May-09
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$ 9,158,918	May-10
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$ 20,626,991	Dec-11
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$ 21,163,173	May-11
b0290	Branchburg 400 MVAR Capacitor	\$ 77,234,030	Nov-12
b0472	Saddle Brook - Athenia Upgrade Cable	\$ 14,404,842	Nov-12
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	\$ 18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	\$ 6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$ 45,985,436	Dec-12
b1410-b1415	Replace Salem 500 kV breakers	\$ 15,865,267	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	\$ 21,732,218	May-13
b1155	Branchburg-Middlesex Swich Rack	\$ 62,938,142	Dec-13
b1399	Aldene-Springfield Rd. Conversion	\$ 72,364,662	Dec-14
b1590	Upgrade Camden-Richmond 230kV Circuit	\$ 11,276,183	Apr-14
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,087,610	May-15
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,515,077	Dec-15
b1255	Ridge Road 69kV Breaker Station	\$ 43,252,771	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 32,029,640	Nov-15
b0376	Install Conemaugh 250MVAR Cap Bank	\$ 1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt	\$ 22,063,708	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCKT-T	\$ 157,750,572	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV	\$ 22,307,024	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers	\$ 5,857,687	Jun-10
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$ 40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 721,910,808	Mar-12
b1156	Burlington - Camden 230kV Conversion	\$ 356,574,888	Oct-11
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$ 438,447,199	Jun-13
b1154	North Central Reliability (West Orange Conversion)	\$ 369,946,472	Jun-12
b1304.1-b1304.4	Northeast Grid Reliability Project	\$ 625,130,258	Jun-13
b1304.5-b1304.21	Northeast Grid Reliability Project	\$ 350,930,285	Dec-16
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$ 179,505,240	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 66,220,634	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 48,882,238	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	\$ 158,366,737	Dec-15
b2436.34	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades	\$ 126,295,227	Apr-18

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2021) *	Anticipated/Actual In-Service Date *
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	\$ 65,231,920	Apr-18
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 43,200,622	Dec-15
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	\$ 81,612,264	Dec-15
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 54,736,672	Dec-15
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 54,736,672	Dec-15
b2436.84	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 53,301,490	Dec-15
b2436.85	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 53,301,489	Dec-15
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$ 31,273,305	May-16
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	\$ 24,999,416	Jun-16
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 27,869,743	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	\$ 27,869,743	Jun-16
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 9,121,932	Dec-15
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$ 9,121,932	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	\$ 33,717,092	Jul-16
b2437.33	New Bayonne 345/69 kV transformer and any associated substation upgrades	\$ 14,557,847	Apr-18
b2633.4	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	\$ 41,811,787	Dec-20
b2633.5	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	\$ 58,285,249	Dec-20
b2955	Rebuild Aldene-Warinanco-Linden VFT 230kV Circuit	\$ 97,815,766	Jun-20
b2986.12	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg)	\$ 489,863	Jun-21
b2986.21	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg - East Flemington)	\$ 52,106,859	Jun-21
b2835.1	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road)	\$ 88,399,297	May-18
b2835.2	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave)	\$ 56,043,073	May-18
b2835.3	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen)	\$ 8,643,783	Mar-19
b2836.2	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Hunterglens - Trenton)	\$ 77,807,835	May-18
b2836.3	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook)	\$ 50,819,876	May-19
b2836.4	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Devils Brook - Trenton)	\$ 97,374,325	Apr-19
b2837.1	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville K)	\$ 34,796,685	Nov-17
b2837.2	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave K)	\$ 11,645,817	Nov-17
b2837.3	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Y)	\$ 8,152,734	Jan-19
b2837.4	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Bustleton Y)	\$ 31,599,478	Jan-19
b2837.5	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Y)	\$ 33,100,434	Dec-19
b2837.6	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville F)	\$ 34,665,190	Apr-19
b2837.7	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F)	\$ 11,263,048	Apr-19
b2837.8	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Z)	\$ 8,152,734	Jan-19
b2837.9	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z)	\$ 3,030,513	Jan-19
b2837.10	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z)	\$ 28,573,369	Dec-19
b2837.11	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Z)	\$ 34,069,851	Dec-19
	Total	\$ 5,883,560,161	

* May vary from original PJM Data due to updated information.