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
					Page 4 of Attachment 9
(1)	Transmission Service Annual Revenue Requirement	\$	1,519,738,296.00		-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)
					Page 4 of Attachment 9
(5)	2021 PSE&G Network Service Peak		9,557.3	MW	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
					Page 4 of Attachment 10
(1)	Transmission Service Annual Revenue Requirement	\$	1,645,668,896.00		-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)
					Page 4 of Attachment 10
(5)	2021 PSE&G Network Service Peak		9,557.3	MW	-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

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

XXX Revised Sheet No. 76 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:

	For usage in all months		
Rate Schedule	Transmission Charges	Charges Including SUT	
		•	
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:

	For usage in each of the		For usage in each of the	
	mo	months of		onths of
	October through May Ju		June throu	igh September
Rate		Charges		Charges
<u>Schedule</u>	<u>Charges</u>	Including SUT	<u>Charges</u>	Including SUT
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 Superseding

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

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	
Charge applicable in the months of October through May	

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

FERG Electric Tahii of the PJW Interconnection, LLC	
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	
PJM Reliability Must Run Charge	
PJM Transmission Enhancements	

Hansinission 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	
Jersey Central Power and Light	
Mid Atlantic Interstate Transmission	
PECO Energy Company	\$ 16.82 per MW per month
Silver Run Electric, Inc.	
Northern Indiana Public Service Company	\$ 0.85 per MW per month
Commonwealth Edison Company	
South First Energy Operating Company	\$ 0.57 per MW per month
e rates converted to a charge per kW of Transmission	

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:

#### PUBLIC SERVICE ELECTRIC AND GAS COMPANY

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

XXX Revised Sheet No. 83 Superseding XXX Revised Sheet No. 83

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

#### **BGS TRANSMISSION CHARGES**

	Charges	per	kilowatt	of	<b>Transmission</b>	<b>Obligation:</b>
--	---------	-----	----------	----	---------------------	--------------------

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
Public Service Electric and Gas ROE Refund	(\$ 404.92) per MW per month
FERC 680 & 715 Reallocation PJM Seams Elimination Cost Assignment Charges	\$ 0.00 per MW per month
PJM Reliability Must Run Charge	\$ 0.00 per MW per month
Trans-Allegheny Interstate Line CompanyVirginia Electric and Power Company	\$ 47.03 per MW per month
Potomac-Appalachian Transmission Highline L.L.C	\$ 13.14 per MW per month
PPL Electric Utilities CorporationAmerican Electric Power Service Corporation	\$ 218.37 per MW per month \$ 16.74 per MW per month
Atlantic City Electric Company	\$ 8.83 per MW per month
Potomac Electric Power Company	\$ 2.71 per MW per month
Baltimore Gas and Electric Company  Jersey Central Power and Light	\$ 66.32 per MW per month
Mid Atlantic Interstate Transmission PECO Energy Company	\$ 18.32 per MW per month
Silver Run Electric, Inc	\$ 42.82 per MW per month
Northern Indiana Public Service Company 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 <b>4</b> 517
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.

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

PSE&G Annual Transmission Service Revenue Requirement
Total Schedule 12 TEC Included in above
PSE&G Customer Share of Schedule 12 NITS
NITS Charges for Jan 2021 - Dec 2021
PSE&G Zonal Transmission Load for Effective Yr. (MW)
Term (Months)

OATT rate

\$ 1,519,738,296.00
\$ (544,221,479.00)
\$ 314,263,977.20
\$ 1,289,780,794.20
\$ 9,557.30

12

(MW/month)

converted to \$/MW/vr = \$ 134,952,42 /MW/vr

	converted to $MW/yr = Resulting Change in Transmission Rate$	134,952.42 / (11,591.79) /													
		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	\$	-	\$	-
ine :	<u>¥</u>														
1	Total BGS-RSCP Trans Obl	6,944.7 N	MW							= S	sum of BGS-F	RSC	P eligible Tr	ans	Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	24,373,737 M	MWh							= S	sum of BGS-F	RSC	P eligible kV	۷h (	@ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,709,686 M	MWh		unro	ounded				= (	2) * loss expa	ansi	on factor to	ran	s node
4	Change in Transmission Payment	\$ (80,501,513)			unro	ounded				= (	Change in Tra	ansr	mission rate	* (1)	)
5	Change in Transmission Payment Rate	\$ (3.1312) /	/MWh		unro	ounded				= (	4) / (3)				
6	Change in Transmission Payment Rate	\$ (3.13) /	/MWh		rou	nded to 2 decim	al p	olaces		= (	5) rounded to	20	decimal place	es	
7	Proposed Total Supplier Payment	\$ (80,471,317)			unro	ounded				= (	6) * (3)				
8	Difference due to rounding	\$ 30,196			unro	ounded				= (	7) - (4)				

all values show w/o NJ SUT

#### 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

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		RS	RHS	RLM	W	/H	W	HS	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	3,010,843.9	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)	\$ -	\$ -
#											
Total BGS-RSCP Trans Obl		6,944.7	ΛW						= sum of BGS-I	RSCP eligible	Trans Obl adjusted for migration
Total BGS-RSCP energy @ cust		24.373.737 I	ЛWh							•	kWh @ cust adjusted for migration
Total BGS-RSCP energy @ trans nodes	, ,			,							
Change in Transmission Payment	\$ (3	33,744,575)		unrounded					= Change in Tra	ansmission ra	ate * (1)
Change in Transmission Payment Rate	\$	(1.3125) /	MWh	unrounded					= (4) / (3)		
Change in Transmission Payment Rate	\$	(1.31) /	MWh	rounded to 2 dec	imal p	olaces			= (5) rounded to	2 decimal p	laces
Proposed Total Transmission Payment	\$ (3	33,679,689)		unrounded					= (6) * (3)		
Difference due to rounding	\$	64,887		unrounded							
	Trans Obl - MW Total Annual Energy - MWh  Energy Charge in \$/MWh in \$/kWh - rounded to 6 places  #  Total BGS-RSCP Trans Obl Total BGS-RSCP energy @ cust Total BGS-RSCP energy @ trans nodes  Change in Transmission Payment Change in Transmission Payment Rate Change in Transmission Payment Rate Proposed Total Transmission Payment	Trans Obl - MW Total Annual Energy - MWh  Energy Charge in \$/MWh in \$/kWh - rounded to 6 places  #  Total BGS-RSCP Trans Obl Total BGS-RSCP energy @ cust Total BGS-RSCP energy @ trans nodes  Change in Transmission Payment Change in Transmission Payment Rate Change in Transmission Payment Rate \$ Change In Transmission Payment Rate \$ Change Total Transmission Payment Rate \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	# Total BGS-RSCP Trans Obl Total BGS-RSCP energy @ cust Total BGS-RSCP energy @ trans nodes	Trans Obl - MW Total Annual Energy - MWh  Energy Charge in \$/MWh \$ (1.665523) \$ (1.058799) in \$/kWh - rounded to 6 places  #  Total BGS-RSCP Trans Obl Total BGS-RSCP energy @ cust Total BGS-RSCP energy @ trans nodes  Change in Transmission Payment Change in Transmission Payment Rate (1.31) /MWh Proposed Total Transmission Payment \$ (33,679,689)	RS	RS   RHS   RLM   W	RS	RS	RS   RHS   RLM   WH   WHS	RS   RHS   RLM   WH   WHS   HS	RS   RHS   RLM   WH   WHS   HS   PSAL

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

XX Rev. Sheet No. 44 Superseding XX Rev. Sheet No. 44

#### 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:

VEPCO-TEC	PATH-TEC	AEP-East-TEC	<u>.</u>
\$0.000285	\$0.000062	\$0.000066	
\$0.000168	\$0.000037	\$0.000039	
\$0.000159	\$0.000035	\$0.000037	
\$0.000044	\$0.000010	\$0.000011	
MAIT-TEC	EL05-121-TEC	SRE-TEC	NIPSCO-TEC
\$0.000084	\$0.000240	\$0.000193	\$0.000002
\$0.000050	\$0.000142	\$0.000114	\$0.000001
\$0.000047	\$0.000133	\$0.000108	\$0.000001
\$0.000013	\$0.000037	\$0.000030	\$0.000000
	\$0.000285 \$0.000168 \$0.000159 \$0.000044 MAIT-TEC \$0.000084 \$0.000050 \$0.000047	\$0.000285 \$0.000168 \$0.000159 \$0.000035 \$0.000044 \$0.000010 MAIT-TEC \$0.000084 \$0.000240 \$0.000050 \$0.000142 \$0.000047	\$0.000285 \$0.000062 \$0.000066 \$0.000168 \$0.00037 \$0.000039 \$0.000159 \$0.000035 \$0.000037 \$0.000044 \$0.000010 \$0.000011 \$\frac{MAIT-TEC}{\$0.000084}\$ \$0.000240 \$0.000193 \$0.000050 \$0.000142 \$0.000114 \$0.000047 \$0.000133 \$0.000108

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:

	SFC-TEC
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:

,	TRAILCO-TEC	ACE-TEC	PECO-TEC	Delmarva-TEC
GS and GST	\$0.000229	\$0.000099	\$0.000059	\$0.000005
GP	\$0.000133	\$0.000058	\$0.000034	\$0.00003
GT	\$0.000125	\$0.000054	\$0.000032	\$0.00003
GT – High Tension Service	\$0.000035	\$0.000015	\$0.000009	\$0.000001
	PEPCO-TEC	PPL-TEC	BG&E-TEC	COMED-TEC
GS and GST	\$0.000013	\$0.000851	\$0.000027	\$0.00000
GP	\$0.000007	\$0.000494	\$0.000015	\$0.00000
GT	\$0.00006	\$0.000464	\$0.000014	\$0.00000
GT – High Tension Service	\$0.000002	\$0.000129	\$0.000004	\$0.00000

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:

EL18-680Fm715-TEC
-------------------

GS and GST	\$0.00000
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:

	PSEG-TEC		PSEGROE-	TEC
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

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:

					PSEG-TEC
	Transmission	Allocated Cost	<b>BGS</b> Eligible Sales	PSEG-TEC	Surcharge w/
BGS by Voltage Level	Obligation (MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	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	<u>\$134,183</u>	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	ıν	U.

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
2021 JCP&L Zone Transmission Peak Load (MW)
PSEG ROE Transmission Enhancement Rate (\$/MW-month)

(\$88,934.16) (1) 5,903.20 (\$15.07)

Effective January 1, 2022:

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	PSEG ROE-TEC Surcharge (\$/kWh)	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	

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**

MGS

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>	Secondary And MGS- SEVC	MGS Primary	AGS Secondary	AGS Primary	<u>TGS</u>	SPL/ CSL	DDC
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:** 

VEPCo TrAILCo PSE&G PATH	<u>RS</u> 0.000371	MGS Secondary & MGS-SEVC	MOO Brimann	Rate Class				
TrAILCo PSE&G		MGS-SEVC	MOC Dulus aus					
TrAILCo PSE&G	0.000371		MGS Primary	AGS Secondary	AGS Primary	<u>TGS</u>	SPL/CSL	DDC
PSE&G		0.000269	0.000294	0.000189	0.000146	0.000134	-	0.000117
	0.000300	0.000250	0.000170	0.000173	0.000138	0.000101	-	0.000104
PATH	0.004156	0.003025	0.003095	0.002098	0.001719	0.001439	-	0.001367
	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	0.00003	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	0.00003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 and Form 715	-	_	-	-	-	_	_	_
SFC	0.00003	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>. N</u>	IGS Secondary &						
	<u>RS</u>	MGS-SEVC	MGS Primary	AGS Secondary	AGS Primary	<u>TGS</u>	SPL/CSL	DDC
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	0.00003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001
CW Edison	-	-	-	-	-	-	-	-
ER18-680 and Form 715	-	-	-	-	-	-	-	-
SFC	0.00003	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
	\$ 2,004,538
2021 ACE Zone Transmission Peak Load (MW)	2,635
Transmission Enhancement Rate (\$/MW)	\$ 760.88

	Col. 1 Transmission	Col. 2	Col. 3	Col. 4	= Col. 2/Col. 3 Transmission		Col. 5 = Col. 4 x $1/(1-Effective Rate)$	Col	. 6 = Col. 5 x 1.06625
	Obligation	Allocated Cost	BGS Eligible Sales June	Enhan	cement Charge	Tr	ransmission Enhancement Charge w/		mission Enhancement
Rate Class	(MW)	Recovery	2021 - May 2022 (kWh)		(\$/kWh)		BPU Assessment (\$/kWh)	Ch	narge 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
	2,475	\$ 22,599,100	8,321,839,354						

#### **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)	

	Col. 1	Col. 2	Col. 3	Col. 4	4 = Col. 2/Col. 3		Col. 5 = Col. 4 x 1/(1-Effective Rate)	Co	ol. 6 = Col. 5 x 1.06625
	Transmission				Transmission				
	Obligation	Allocated Cost	BGS Eligible Sales June	Enhar	cement Charge	Tr	ansmission Enhancement Charge w/	Trans	smission Enhancement
Rate Class	(MW)	Recovery	2021 - May 2022 (kWh)		(\$/kWh)		BPU Assessment (\$/kWh)	С	harge 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)	\$	(880000.0)	\$	(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)

Revised Leaf No. 83 Superseding Revised Leaf No. 83

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

#### **RATE – MONTHLY (Continued)**

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( <	3)	Hansii	IIISSIC	)II (CII	arues

(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.

		Summer Months*	Other Months					
	All kWh@	1.515 ¢ per kWh	1.515 ¢ per kWh					
(b)		e Company and includes s	o all customers taking Basic surcharges related to Reliability nhancement Charges.					
	All kWh@	1.445 ¢ per kWh	<mark>1.445</mark> ¢ per kWh					
Societ	Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization							

(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.

<sup>\*</sup> Definition of Summer Billing Months - June through September

Revised Leaf No. 90 Superseding Revised Leaf No. 90

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

#### **RATE – MONTHLY (Continued)**

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

	Summer Months*	Other Months
Secondary Voltage Service Only All kWh@	0.751 ¢ per kWh	0.751 ¢ per kWh
Primary Voltage Service Only All kWh@	0.886 ¢ per kWh	0.886 ¢ per kWh

(4) <u>Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization</u> 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.

<sup>\*</sup> Definition of Summer Billing Months - June through September

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.

		Summer Months*	Other Months			
	Peak All kWh measured between 10 a.m. and 10:00 p.m., Monday through Friday@		1.515 ¢ per kWh			
	Off-Peak 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 Reliabi Must Run, EL05-121 Settlement and Transmission Enhancement Charges.					
	All kWh@	1.171 ¢ per kWh	1.171 ¢ per kWh			
Socio	tal Banafits Charge, Pagional Gre	anhousa Gas Initiati	ve Surcharge Securitization			

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

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.

<sup>\*</sup> Definition of Summer Billing Months - June through September

Revised Leaf No. 109 Superseding Revised Leaf No. 109

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

#### **RATE - MONTHLY (Continued)**

(3)	Transmission	

(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.

		Summer Months*	Other Months	
	All kWh @	1.515 ¢ per kWh	1.515 ¢ per kWh	
(b)	Generation Service from the	•	o all customers taking Basic urcharges related to Reliabil nhancement Charges.	
	All kWh @	1.445 ¢ per kWh	1.445 ¢ per kWh	
0:-	stal Danafita Ohanna Daniana	l Oussult souss Ossalisitisetises	O mala anna Cara mitiration	

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

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.

<sup>\*</sup> Definition of Summer Billing Months - June through September

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>	High Voltage <u>Distribution</u>
<b>Demand Charg</b>	<u>ge</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
Usage Charge	!		
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>	High Voltage <u>Distribution</u>
All Periods	All kWh @	0.543 ¢ per kWh	0.543 ¢ per kWh

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

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.

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.

Rockland Electric Company Attachment 5 Page 1 of 3

Calculation of Transmission Surcharges reflecting proposed changes effective January 1, 2022

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	0.00007
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 ¢
) Transmission Surcharge rates by	Transmis	sion Project	and Service	Class (includ	ding 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

#### (B)

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¢

- (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. ER21050945.
  (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%

	Col. 1	Col. 2	Col	l.3=Col.2 x \$990,662 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)	Enl	Transmission nancement 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	<u>36.3</u>	8.12%	\$	965,771	217,901,000	\$ 0.00443	\$	0.00472
Total	446.4 (2)	100.00%	\$	11,887,950	1,448,674,000			

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

#### **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

<sup>(2)</sup> Includes RECO's Central and Western Divisions

#### **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	Co	I.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)	Enl	Transmission nancement 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	<u>36.3</u>	8.12%	\$	(27,072)	217,901,000	\$ (0.00012)	\$	(0.00013)
Total	446.4 (2)	100.00%	\$	(333,237)	1,448,674,000			

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

#### **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

<sup>(2)</sup> Includes RECO's Central and Western Divisions

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)

(b)

(d)

(c)

(e)

(f)

(g)

(h)

(i)

(j)

				Responsible Customers - Schedule 12 Appendix Estimated New Jersey EDC Zone Charge						Charges by Pr	s by Project		
Required			Jan - Dec 2021	ACE	JCP&L	PSE&G	RE	ACE JCP&L PSE&G RE Total					
Transmission	PJM		nnual Revenue	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones	
Enhancement	Upgrade ID		Requirement	Share	Share	Share1.2	Share	Charges	Charges	Charges	Charges	Charges	
per PJM website	per PJM spreadsheet		er PJM website			s Transmission Tariff	onu. o	0.1a.gee	0g00	g	0g00	0.1.m. g00	
Replace all derated Branchburg	1	F		μ									
500/230 kava transformers	b0130	\$	1,682,671.00	1.36%	47.76%	50.88%	0.00%	\$22,884	\$803,644	\$856,143	\$0	\$1,682,671	
000/200 Kava transformere	50100	Ψ	1,002,071.00	1.0070	47.7070	30.0070	0.0070	Ψ22,004	ψ000,044	ψοσο, 14σ	ΨΟ	Ψ1,002,071	
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	50101	Ψ	000,200.00	0.0070	01.1170	10.0070	2.0070	Ψο	φοστ,τττ	φοτο,σστ	Ψ20,100	φ000,200	
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	201.0	Ψ	1 101 0101 0100	0.0070	. 0070	2070	,0	40	ψο,ο,ο <u>-</u> ο	ψ.,σσσ,σσσ	φου.,σου	ψ.,σ.σ,σ.σ	
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	44		1,000,000.00				0.007.0	<b>4</b> 0.0,	<b>*</b> 101,00=	* ,	**	**,,	
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	1 0 400 1/	_	00 404 000 50	0.000/	00.400/	5.4.000/	0.400/	•	<b>0.15.100.000</b>	****	0004.404	000 000 004	
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 now 500 kV transmissis													
Build new 500 kV transmission	1												
facilities from Pennsylvania - New Jersey border at Bushkill to													
Roseland (Below 500 kV elements	1												
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	DU403.4	Ψ	4,204,100.00	5.09%	32.1370	40.71%	1.52%	ψ <u>∠</u> 17,045	ψ1,J3J,UJO	ψ1,130,935	φυ4,015	ψυ, <del>+</del> 10,402	
(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	U.EOFUG	Ψ	209,112.00	1.7 1 70	J.04 /0	U.Z I /0	0.20/0	ψ <del>4</del> ,900	ψ11,1 <i>21</i>	ψ11,330	φ133	φυ4,001	
(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	50 100.0_uiux	Ψ	200,112.00	0.0070	33.4070	07.0070	2.1070	ΨΟ	Ψ.17,702	ψ.σ., του	Ψ0,209	Ψ210,034	
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	
			, -,					,	,	/	+ - ,	. ,	

Attachment 6a

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				Responsible Customers - Schedule 12 Appendix					Estimated New Jersey EDC Zone Charges by Project					
Required			Jan - Dec 2021	ACE	JCP&L	PSE&G	RE	ACE	JCP&L	PSE&G	RE	Total		
Transmission	PJM		nnual Revenue	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones		
Enhancement per PJM website	Upgrade ID per PJM spreadsheet		Requirement er PJM website	Share	Share	Share1,2 s Transmission Tariff	Share	Charges	Charges	Charges	Charges	Charges		
Loop the 5021 circuit into New	per FJIVI Spreausrieet	ρ	ei PJIVI Websile	per r	-JIVI Operi Access	S Transmission raim								
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	bo450_dlax	Ψ	1,100,700.00	10.4070	20.0070	00.0070	1.0070	φ100,000	Ψ257,152	φ+01,100	ψ10,040	ψ542,551		
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	DU014	Φ	4,441,276.00	0.00%	23.49%	07.03%	2.50%	Φ0	\$1,043,230	\$2,970,967	\$111,032	φ4,131,273		
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			1,0=0,00 1100				,	**	*****	<b>4</b> 1,=00,010	<b>V</b> 10,1 00	<b>\$</b> 1,000,000		
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	b1155	\$	6,198,186.00	0.00%	4.61%	91.75%	3.64%	\$0	\$285,736	\$5,686,836	\$225,614	\$6,198,186		
Conversion	b1156	\$	35,258,485.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$33,911,611	\$1,346,874	\$35,258,485		
Reconf Kearny Loop in P2216	b1589	\$	2,365,108.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,456,670	\$58,182	\$1,514,852		
230kV Lawrence Switching Station		_												
Upgrade	b1228	\$	2,129,061.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,040,279	\$81,117	\$2,121,396		
Ridge Rd 69kV Breaker Station  Northeast Grid Reliability Project	b1255	\$	4,651,527.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$4,473,839	\$177,688	\$4,651,527		
Mickleton-Gloucester-Camden	b1304.1-b1304.4 b1398	\$	64,745,911.00 44,636,964.00	0.23% 0.00%	1.17% 12.82%	70.16% 31.46%	2.78% 1.25%	\$148,916 \$0	\$757,527 \$5,722,459	\$45,425,731 \$14,042,789	\$1,799,936 \$557,962	\$48,132,110 \$20,323,210		
Aldene-Springfield Rd. Conv	b1399	\$	7,275,460.00	0.00%	0.00%	96.18%	3.82%	\$0 \$0	\$5,722,459	\$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	b1590	\$	1,138,377.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0		
New Cox's Corner-Lumberton	L4707	\$	2 204 200 00	4.000/	44.000/	40.000/	4.000/	£4.00, 000	Φ4 455 O40	<b>04 500 755</b>	<b>CO 045</b>	<b>#2 000 000</b>		
230kV Circuit Build Mickleton-Gloucester Corridor	b1787	<b>3</b>	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		
Ultimate Design	b2139	\$	2,024,118.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,236,939	\$49,388	\$1,286,327		
Reconfigure Brunswick New 69kV	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	DZ 140	Φ	10,043,220.00	0.00%	0.00%	90.10%	3.04%	Φ0	ΦΟ	φ17,330,300	Φ092,000	\$10,043,220		
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 Bergen Marion 138 kV to	22100110_0.00	Ψ	0,001,000.00	0.0070	0.0070	100.0070	0.0070	Ψο	Ψ	ψο,σοι,σοσ	Ψ	φο,σσ7,σσσ		
double circuit 345kV and Sub	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	h0400 04	Φ.	0.000.007.00		0.040/	0.040	0.0001	000 00=	0462.42:	<b>#</b> 005 47 :	00 11-	0400 45=		
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	F0400 00 -1/-	Φ.	0.004.000.00	2 222	0.000/	00.470	0.0001	**	<b>*</b> -	#0 F01 005	0400 00:	<b>#0.004.0</b> ==		
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	\$166 692	\$6,070	¢322 628		
associated substation upgrades	02430.22	Ψ	2,004,090.00	1.71%	3.04%	0.21%	0.20%	φ <del>4</del> 0,096	φ103,0 <del>0</del> 9	\$166,682	\$6,979	\$322,628		

Attachment 6a

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			Respons	Estimated New Jersey EDC Zone Charges by Project							
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 PJM Open Acces	PSE&G Zone Share1,2 s Transmission Tariff	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
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	h2622 F	¢ 0,500,447,00	0.040/	40.050/	20.700/	0.000/	<b>#</b> 500 005	<b>#000 070</b>	<b>#4 255 505</b>	£40.407	<b>CO 004 004</b>
Rebuild Aldene-Warinanco-Linden	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
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 -	02333	Ψ 10,909,201.00	0.0070	43.2370	31.1370	2.0470	ΨΟ	ψ+,730,030	ψ3,023,403	Ψ224,101	ψ10,000,2 <del>-</del> 11
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	02430.00	\$ 3,955,210.00	0.00%	0.00%	90.17%	3.03%	ΦΟ	ΦΟ	\$3,001,002	\$151,406	φ3,933,210
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		<u> </u>				0.0070	**	**	**,:==,::	* := :,===	**,=**,****
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	h0406 04	\$ 3,230,184.00	1 710/	2.040/	6 040/	0.060/	<b>\$55.006</b>	¢404.000	\$200 FO4	<b>©</b> 0.200	\$388,268
Convert Bayway-Linden "M" to	b2436.84	\$ 3,230,164.00	1.71%	3.84%	6.21%	0.26%	\$55,236	\$124,039	\$200,594	\$8,398	Φ300,∠00
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	DE 100.00_dlax	φ 0,101,120.00	0.0070	0.0070	00.1170	0.0070	ΨΟ	ΨΟ	ψο,σσο,σσο	Ψ120,011	ψο, το τ, τ2ο
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	P3436 00	\$ 1,601,333.00	4 740/	2 0 40/	6.040/	0.060/	¢27.202	¢64 404	¢00 440	<b>#4.460</b>	¢100 400
substation upgrades New Linden 345/230 kV	b2436.90	\$ 1,601,333.00	1.71%	3.84%	6.21%	0.26%	\$27,383	\$61,491	\$99,443	\$4,163	\$192,480
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%			\$1,205,197	\$0	\$1,205,197
Install two 175 WIVAR Re at HPtcg	DZ/UZ_UIAX	ψ 1,205,196.50	0.00%	0.00%	100.00%	0.00%	Φ0	\$0	φ1,205,197	Φ0	φι,∠υο, 19/

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				Respon	sible Customers	- Schedule 12 Apper	ndix	Estimated New Jersey EDC Zone Charges by Project							
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	A	Jan - Dec 2021 nnual Revenue Requirement er PJM website	ACE Zone Share	JCP&L Zone Share PJM Open Acces	PSE&G Zone Share1,2 s Transmission Tariff	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges			
Install two 175 MVAR Re at Hptcq	b2702	\$	1,205,196.50	1.71%	3.84%	6.21%	0.26%	\$20,609	\$46,280	\$74,843	\$3,134	\$144,865			
Convert R-1318 and Q1815	52702	Ψ	1,200,100.00	1.7 1 70	0.0170	0.2170	0.2070	Ψ20,000	ψ10,200	Ψ7 1,0 10	φο, το τ	ψ111,000			
Circuits to 230kV	b2835.1	\$	9,745,667.00	12.08%	0.00%	62.65%	2.49%	\$1,177,277	\$0	\$6,105,660	\$242,667	\$7,525,604			
Convert R-1318 and Q1815															
Circuits to 230kV	b2835.2	\$	6,175,856.00	11.09%	0.00%	65.40%	2.61%	\$684,902	\$0	\$4,039,010	\$161,190	\$4,885,102			
Convert R-1318 and Q1815															
Circuits to 230kV	b2835.3	\$	952,448.00	10.19%	0.00%	67.90%	2.70%	\$97,054	\$0	\$646,712	\$25,716	\$769,483			
Convert the N-1340 and T-1372/D-															
1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits	b2836.2	\$	8,665,447.00	19.58%	0.00%	0.00%	0.00%	\$1,696,695	\$0	\$0	\$0	\$1 606 60E			
Convert the N-1340 and T-1372/D-	02030.2	Ф	0,000,447.00	19.56%	0.00%	0.00%	0.00%	\$1,090,095	\$0	Φ0	\$0	\$1,696,695			
1330 (Brunswick - Trenton) 138 kV															
circuits to 230 kV circuits	b2836.3	\$	5,650,900.00	100.00%	0.00%	0.00%	0.00%	\$5,650,900	\$0	\$0	\$0	\$5,650,900			
Convert the N-1340 and T-1372/D-	02030.3	Ψ	3,030,900.00	100.00 /6	0.0076	0.0076	0.0076	\$5,050,900	ΨΟ	ΨΟ	Ψ0	\$3,030,900			
1330 (Brunswick - Trenton) 138 kV															
circuits to 230 kV circuits	b2836.4	\$	10.832.899.00	100.00%	0.00%	0.00%	0.00%	\$10,832,899	\$0	\$0	\$0	\$10,832,899			
Convert F-1358/Z-1326 and K-	2200011	Ψ	.0,002,000.00	100.0070	0.0070	0.0070	0.0070	ψ.σ,σσ <u>=</u> ,σσσ	Ψ.	40	Ψ.	ψ.ο,οο <u>=</u> ,οοο			
1363/Y-1325 to Circuits to 230kV	b2837.1	\$	3,492,112.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-		_	5,102,112100					**	***	**	**	**			
1363/Y-1325 to Circuits to 230kV	b2837.2	\$	1,197,359.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-			, ,					·							
1363/Y-1325 to Circuits to 230kV	b2837.3	\$	824,782.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-															
1363/Y-1325 to Circuits to 230kV	b2837.4	\$	2,884,051.00	0.00%	0.00%	88.00%	3.50%	\$0	\$0	\$2,537,965	\$100,942	\$2,638,907			
Convert F-1358/Z-1326 and K-															
1363/Y-1325 to Circuits to 230kV	b2837.5	\$	2,967,790.00	0.00%	0.00%	89.53%	3.56%	\$0	\$0	\$2,657,062	\$105,653	\$2,762,716			
Convert F-1358/Z-1326 and K-									•-		•	•			
1363/Y-1325 to Circuits to 230kV	b2837.6	\$	3,479,890.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-	L0007.7	•	4 450 040 00	0.000/	0.000/	0.000/	0.000/	•	••	••	00	<b>#</b> 0			
1363/Y-1325 to Circuits to 230kV Convert F-1358/Z-1326 and K-	b2837.7	\$	1,156,648.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
1363/Y-1325 to Circuits to 230kV	b2837.8	\$	824,782.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-	02037.0	Ψ	024,702.00	0.0076	0.0076	0.0076	0.0076	φυ	ΨΟ	ΨΟ	Ψ0	ΨΟ			
1363/Y-1325 to Circuits to 230kV	b2837.9	\$	301,829.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Convert F-1358/Z-1326 and K-	D2001.0	Ψ	001,020.00	0.0070	0.0070	0.0070	0.0070	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ			
1363/Y-1325 to Circuits to 230kV	b2837.10	\$	2,574,331.00	0.00%	0.00%	87.98%	3.50%	\$0	\$0	\$2,264,896	\$90,102	\$2,354,998			
Convert F-1358/Z-1326 and K-		_	_,,					**	***	<b>*</b> =,== :,===	***,	<b>4</b> =,00 1,000			
1363/Y-1325 to Circuits to 230kV	b2837.11	\$	3,058,838.00	0.00%	0.00%	90.10%	3.59%	\$0	\$0	\$2,756,013	\$109,812	\$2,865,825			
Roseland-Branchburg 230kV															
corridor rebuild (Readington -															
Branchburg)	b2986.12	\$	29,954.00	0.00%	100.00%	0.00%	0.00%	\$0	\$29,954	\$0	\$0	\$29,954			
Branchburg-Pleasant Valley 230kV															
corridor rebuild (Branchburg - East															
Flemington)	b2986.21	\$	3,022,224.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0			
Replace Transformers 203/138kV	1.05=1							_	4	<b>.</b>	_				
transformers at Roseland	b0274	\$	1,876,540.00	0.00%	0.00%	96.77%	0.00%	\$0	\$0	\$1,815,928	\$0	\$1,815,928			
Totals		\$	544,221,479.00					\$24,054,459	\$45,983,320	\$314,263,977	\$11,887,950	\$396,189,706			
Notes on coloulations								(a) * (b)	(0) * (-)	(0) * (-1)	(0) * (-)	(f) , (=) :			
Notes on calculations >>>			(14)	<b>4</b> 0	()	()	(=)	= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) +			

(I) (m) (o)

**Zonal Cost** 

**Average Monthly** 

(k)

2021

(n)

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	<b>(j)</b>
			Respon	sible Custom	ers - Schedule 12 Ap	pendix	Est	imated New Je	rsey EDC Zone	Charges by P	roject
Required		Jan - Dec 2021	ACE	JCP&L	PSE&G	RE	ACE	JCP&L	PSE&G	RE	Total
Transmission	PJM	Annual Revenue	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones
Enhancement	Upgrade ID	Requirement	Share	Share	Share1,2	Share	Charges	Charges	Charges	Charges	Charges
per PJM website	per PJM spreadsheet	per PJM website	per	PJM Open Ac	cess Transmission Tai	riff					
-	Allocation for	Impact on Zone	2021 Trans.	Rate in	Impact		-				
	New Jersey Zones	Customers in 2021	Peak Load <sup>2</sup>	\$/MW-mo. 1	(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							
	RE	\$ 990,662.49	397.5	\$ 2,492.23							
	Total Impact on NJ				, ,						
	Zones	\$ 33,015,808.83	18,492.5		\$ 396,189,706						
Notes on calculations >>>				= (k) / (l)	= (k) *12						

Notes:

<sup>1)</sup> Uncompressed rate - assumes implementation on January 1, 2021

<sup>2)</sup> Data on PJM website

Attachment 6b

(a)

(b)

(d)

(c)

(e)

(f)

(g)

(h)

(i)

(j)

Required   PM					Respons	sible Customers	- Schedule 12 Apper	Estimated New Jersey EDC Zone Charges by Project						
2007230 Nava transformers	Transmission Enhancement	Upgrade ID	Ar	nnual Revenue Requirement	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone	ACE Zone	JCP&L Zone	PSE&G Zone	RE Zone	Total NJ Zones	
Reconductor Killstinny - Newtown 201 XV with 1500 ACSS	Replace all derated Branchburg				-	·								
200 kW with 1580 ACSS b 10134 \$ 733,602 00 0.00% \$1.11% \$45.66% 2.03% \$0 \$374,944 \$337,163 \$21,496 \$733,802 \$0.00 cable connected through phase and produced and	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	
Build new Essex - Alshene 230 kV caccian through phase angle regulator at Essex incide Connected through phase bounds of the Connected of the		b0134	\$	733.602.00	0.00%	51.11%	45.96%	2.93%	\$0	\$374.944	\$337.163	\$21.495	\$733.602	
angle regulator at Essax.   Dol45   S 7,899,3490.00   O.00%   73,45%   21,78%   4,77%   \$0   \$5,772,692   \$1,711,768   \$374,891   \$7,859,349   Intellial H500200   Int		33737						,	**	401 1,011	<b>4</b> ,	<b>4</b> _1,100	<b>V</b> : 00,000	
Initial IRI 500/230 KV transformer at New Freedom b0411 \$ 1,991,280.00 47.01% 7.04% 22.31% 0.00% \$98,010 \$140,186 \$444,255 \$0 \$1,520,541 Initial 230-138KV transformer at Meuchen substantian b0161 \$ 2,447,156.00 Build a new 230 KV section from Brainchurg Flightown and move the Freightown and t	<b>U</b> 1													
at New Freedom   b0411   \$ 1,991,280.00   47,01%   7,04%   22,31%   0,00%   \$98,61,01   \$140,186   \$444,255   \$0   \$1,520,541   \$1,641,185   \$1,641,		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 220-138kV transformer at Metuchen substation b0161 \$ 2,447,158.00 \$ 0.00% \$ 0.		1.0444	•	4 004 000 00	47.040/	7.040/	00.040/	0.000/	#000 404	<b>#</b> 440 400	<b>*</b> 444.055	<b>#</b> 0	<b>04</b> 500 544	
Metuchen substation		DU411	\$	1,991,280.00	47.01%	7.04%	22.31%	0.00%	\$936,101	\$140,186	\$444,255	\$0	\$1,520,541	
Build an ew 230 kV section from Branchtury = Biggtown and move the Flagtown - Somerville 230 kV control with 1590 kCS   50,59%		b0161	<b>¢</b>	2 447 158 00	0.00%	0.00%	00 80%	0.20%	\$0	0.2	\$2 442 264	V08 V2	\$2 <i>11</i> 7 158	
Branchburg - Flagtown and move the Flagtown - Somerville 29 kV		50101	Ψ	2,447,130.00	0.0078	0.0070	33.0070	0.2070	ΨΟ	ΨΟ	Ψ2,++2,20+	ψ4,034	Ψ2,441,130	
the Flagtown - Somerville 230 kV circuit with 1590 ACSS														
Reconductor the Flagtown   Somewrite 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   \$536,688   Replace wave trap at Branchburg   500kV substation   b0172.2   \$ 1,280.50   1.71%   3.84%   6.21%   0.26%   \$104   \$22   \$69   \$80   \$3   \$154   \$885,648   \$124   \$104	5 5													
Somerville-Bridgewater 230 kV   Controlle-Bridgewater 230 kV		b0169	\$	1,496,253.00	1.72%	25.94%	59.59%	0.00%	\$25,736	\$388,128	\$891,617	\$0	\$1,305,481	
Second With 1590 ACSS   bol 170   \$ 653,554.00   0.00%   42.95%   38.36%   0.79%   \$0 \$280,701   \$250,703   \$5,163   \$536,668   Replace wave try at Branchburg   500kV substation   bol 172.2   \$1,280.50   1.71%   3.84%   6.21%   0.26%   \$22   \$49   \$80   \$3   \$154   \$250,000   \$250,00	•													
Replace wave trap at Branchburg   Solivity Substation   D0172   \$ 1,280.50   1.71%   3.84%   6.21%   0.26%   \$22		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   Signature   Signat	Replace wave trap at Branchburg		Ť	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					* -	,, -	,,	<b>,</b> -,	*	
SOME Substation	500kV substation	b0172.2	\$	1,280.50	1.71%	3.84%	6.21%	0.26%	\$22	\$49	\$80	\$3	\$154	
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   618														
Branchburg 400 MVAR Capacitor   100290 drax   \$ 3,922,718.50   \$ 8,09%   \$ 3,922,718.50   \$ 8,09%   \$ 1,49%   \$ 2,05%   \$ 317.348   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 6,21%   \$ 0,26%   \$ 1,048   \$ 2,354   \$ 3,828,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 6,21%   \$ 0,26%   \$ 1,048   \$ 2,354   \$ 1,488   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,094,105   \$ 1,009   \$ 3,421   \$ 1,184   \$ 1,537   \$ 6,613   \$ 3,05,90   \$ 3,428   \$ 1,294,105   \$ 2,019,808   \$ 80,416   \$ 3,711.676   \$ 1,174   \$ 3,84%   \$ 1,009   \$ 3,421   \$ 1,184														
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   \$1,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070   \$2,070   \$1,070														
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   \$33ddle Brook - Athenia Upgrade   b0472   \$ 1,472,013.00   0.00%   0.00%   94.41%   3.53%   \$0   \$0   \$1,389,727   \$51,962   \$1,441,690   \$1,621lites 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   \$1,441,690   \$1,541,194   \$1,541,194   \$1,541,194   \$1,541,1950   \$1,541,194   \$1,541,1950									. ,			. ,		
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									. ,		. ,			
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)         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		DOSTO_GIAX	Ψ	01,314.00	3.30 / 0	10.2470	25.07 /0	1.0070	Ψ5,421	Ψ11,104	Ψ10,071	ΨΟΙΟ	ψ30,390	
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Buskhill to Roseland (500kV and above elements of the project)		b0472	\$	1,472,013.00	0.00%	0.00%	94.41%	3.53%	\$0	\$0	\$1,389,727	\$51,962	\$1,441,690	
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   \$1,000	Build new 500 kV transmission			, ,										
Elements of the project   b0489	Jersey border at Bushkill to													
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    Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) b0489.4 \$ 4,541,326.00    Susquehanna Roseland Breakers (In-Service) b0489.5 \$ 308,258.50    Susquehanna Roseland Breakers (In-Service) b0489.5 dfax \$ 308,258.50    Loop the 5021 circuit into New    Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland Breakers (In-Service) b0489.5 \$ 308,258.50    Susquehanna Roseland Breakers (In-Service) b0489.5 dfax \$ 308,258.50    Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland Breakers (In-Service) b0489.5 \$ 308,258.50    Susquehanna Roseland Breakers (In-Service) b0489.5 dfax \$ 308,258.50    Susqueha		L0400	Φ.	40,000,040,50	4.740/	2.040/	0.040/	0.000/	Ф <b>7</b> 00 0 <b>7</b> 0	<b>C4 574 400</b>	<b>CO F 4F CCO</b>	<b>0400 500</b>	£4.007.0E0	
facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)  Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In Service)  bu489_4	1 , ,	DU489	Þ	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	
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         b0489.5_dfax         \$ 308,258.50         0.00%         39.48%         54.33%         2.16%         \$0         \$121,700         \$167,477         \$6,658         \$295,836	facilities from Pennsylvania - New Jersey border at Bushkill to													
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 \$ 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	,	F0400 -11	Φ.	40,000,040,50	0.0001	20.400/	5.4.000°	0.4007	•	P40 404 04 1	<b>#00.074.400</b>	<b>#005 440</b>	<b>#20.040.000</b>	
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 \$ 308,258.50 \$ 0.00% 39.48% 54.33% 2.16% \$0 \$121,700 \$167,477 \$6,658 \$295,836 \$ 1.71% \$1.71%	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	
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         \$ 308,258.50         \$ 308,258.50         \$ 30,00%         \$39.48%         \$4.33%         \$2.16%         \$0         \$121,700         \$167,477         \$6,658         \$295,836	facilities from Pennsylvania - New Jersey border at Bushkill to													
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         \$ 0         \$121,700         \$167,477         \$6,658         \$295,836	•	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	
(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         \$ 308,258.50         \$ 308,258.50         \$ 308,258.50         \$ 30,48%         \$ 4.33%         \$ 2.16%         \$ 308,258.50         \$ 308,258.50         \$ 308,258.50         \$ 308,258.50         \$ 308,258.50         \$ 30,48% <td< td=""><td></td><td></td><td>•</td><td>, , , , , , , , , , , , , , , , , , , ,</td><td>2.2270</td><td></td><td></td><td></td><td>, ,,,,,,</td><td>. ,,</td><td>+ /</td><td></td><td>, , , , , , , , , , , , , , , , , , , ,</td></td<>			•	, , , , , , , , , , , , , , , , , , , ,	2.2270				, ,,,,,,	. ,,	+ /		, , , , , , , , , , , , , , , , , , , ,	
(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		b0489.5	\$	308,258.50	1.71%	3.84%	6.21%	0.26%	\$5,271	\$11,837	\$19,143	\$801	\$37,053	
Loop the 5021 circuit into New		h0/89 5 dfov	\$	308 258 50	0.000/	30 180/	5A 220/	2 160/	¢ο	\$121 700	\$167 <i>1</i> 77	<b>\$6.650</b>	\$205 <b>8</b> 26	
	( )	DU403.J_uidX	φ	300,230.30	0.00%	33.40 /0	J <del>4</del> .3370	2.10%	ΦΟ	φ121,700	φ107,477	φυ,υσο	φ290,030	
	•	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)

				Respon	sible Customers	- Schedule 12 Apper	Estimated New Jersey EDC Zone Charges by Project						
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	A	Jan - Dec 2021 nnual Revenue Requirement er PJM website	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2 s Transmission Tariff	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		1	1,=00,1=1100				110070	<b>4</b> ,	*****	*,	****	<b>\$</b> 1,000,010	
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		1	1,00=,000100				110170	**	*****	<b>*</b> ***********************************	****	<b>\$</b> 1,010,000	
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	b1155	\$	6,629,733.00	0.00%	4.61%	91.75%	3.64%	\$0	\$305,631	\$6,082,780	\$241,322	\$6,629,733	
Conversion	b1156	\$	37,708,166.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$36,267,714	\$1,440,452	\$37,708,166	
Reconf Kearny Loop in P2216	b1589	\$	2,536,461.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,562,206	\$62,397	\$1,624,603	
230kV Lawrence Switching Station			, ,							. , ,		. , ,	
Upgrade	b1228	\$	2,276,611.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,181,676	\$86,739	\$2,268,415	
Ridge Rd 69kV Breaker Station	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 230kV	b1590	\$	1,217,983.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
New Cox's Corner-Lumberton	51000	Ψ	1,211,000.00	0.0070	0.0070	0.0070	0.0070	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	
230kV Circuit	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	
Build Mickleton-Gloucester Corridor		1	2,2-2,223.00		,			+····,-· <b>-</b>	,,0	, ., , <b></b>	<b>4</b> ,-00	<b>\$</b> 2, 22, <b>300</b>	
Ultimate Design	b2139	\$	2,163,362.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,322,031	\$52,786	\$1,374,817	
Reconfigure Brunswick New 69kV	b2146	\$	19,224,371.00	0.00%		96.16%	3.84%	\$0	\$0	\$18,486,155	\$738,216	\$19,224,371	
Convert Bergen Marion 138 kV to	52170	Ψ	10,224,011.00	0.0076	0.0070	30.1070	J.U-7/0	ΨΟ	ΨΟ	ψ10, <del>1</del> 00,100	ψι 30,210	Ψ10,227,0/1	
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 Bergen Marion 138 kV to	52.55.10_diax	1	0,011,771.00	0.0070	3.0070	100.0070	5.0070	ΨΟ	ΨΟ	ψυ,υ/ 1,2	ΨΟ	ψο,σει,ππΖ	
double circuit 345kV and Sub	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"		1	2,2,	, 0		2.= 1,70	2.270	+···-,-· <b>-</b>	<del></del> ,00	+ - · - ,- <b>-</b> -	Ţ,- <b>-0</b>	ţ.,,	
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"	SZ .SS.ZZ_Glax	T	2,000,144.00	0.0070	3.0070	30.1770	5.0070	ΨΟ	ΨΟ	ΨΣ,1 30,300	ψ.00,700	Ψ2,000,7 44	
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	
accordicted Substation apgrades	52-50.22	Ψ	2,000,7 44.00	1.7 1 70	0.0-7/0	0.2170	0.2070	Ψ-5,00-	ψ110,040	ψ111,500	ψι,∓ΟΙ	ψυ,	

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Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	A	Jan - Dec 2021 nnual Revenue Requirement er PJM website	ACE Zone Share per	JCP&L Zone Share PJM Open Access	PSE&G Zone Share1,2 s Transmission Tariff	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
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	\$	6 005 759 00	8.01%	42.0E0/	20.700/	0.600/	<b>\$</b> E60.360	¢060.040	\$1,454,418	¢42.274	\$3,027,064
Rebuild Aldene-Warinanco-Linden	02033.3	Ф	6,995,758.00	6.01%	13.85%	20.79%	0.62%	\$560,360	\$968,912	\$1,454,416	\$43,374	\$3,027,064
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 -	02933	Ψ	11,769,333.00	0.00%	43.23 /6	31.1970	2.04 /0	ΨΟ	φ5,090,550	\$0,034,971	\$240,303	\$11,372,012
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 -		1	-, -,					* -	•	, , , , , , ,	*,	, , , ,
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	b2436.60	φ.	4 050 275 00	0.000/	0.000/	00.470/	2 020/	¢ο	<b>₽</b> O	¢4.700.404	¢400.044	¢4.050.075
upgrades (B2436.60) Linden - North Ave "T" 138 kV	02430.00	\$	4,959,375.00	0.00%	0.00%	96.17%	3.83%	\$0	\$0	\$4,769,431	\$189,944	\$4,959,375
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	52400.01_ulax	Ψ	3,447,733.00	0.0076	0.0070	30.17 /0	3.0370	ΨΟ	ΨΟ	ψ3,313,003	ψ132,040	ψ5,447,755
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"	22.00.0.	<u> </u>	3,111,100.00		0.0170	0.21,70	0.2070	φοσ,σσσ	ψ.02,000	Ψ=, . σ .	ψο,σσ.	Ψ,
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"	22 100100_a.a.x	1	0,111,100.00	0.0070	0.0070	33,0	0.0070	Ψū	40	ψο,ο.ο,οοο	ψ.σΞ,σ.σ	ψο, , . σο
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	h2426 05 dfav	œ	2 440 074 50	0.0004	0.000/	06 470/	2 020/	\$0	<b>ው</b> ሳ	¢2 200 000	¢120.004	¢2 440 070
Convert Bayway-Linden "M" to	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
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"	DE 100.00	Ψ	0,410,071.00	1.7 1 /0	J.U-7/0	0.21/0	0.20/0	Ψου, του	Ψ101,020	Ψ2 12,014	Ψ0,002	ψ-111,009
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									<b>A</b>	<b>*</b> • • • • • •	٠	<b></b>
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	0.000/	0.00%	06 170/	3.83%	\$0	\$0	¢5 090 205	¢202 224	\$5,282,609
				0.00%		96.17%				\$5,080,285	\$202,324	
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

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nstall two 175 MVAR Re at Hptcg Convert R-1318 and Q1815 Circuits to 230kV Convert R-1318 and Q1815	b2835.1	Ar	Jan - Dec 2021 nnual Revenue Requirement er PJM website 1,291,665.00	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1.2	RE Zone Share	ACE Zone	JCP&L Zone	PSE&G Zone	RE Zone	Total NJ Zones
Enhancement per PJM website  nstall two 175 MVAR Re at Hptcg Convert R-1318 and Q1815 Circuits to 230kV Convert R-1318 and Q1815	Upgrade ID per PJM spreadsheet b2702 b2835.1	pe \$	Requirement er PJM website	Share	Share							
per PJM website points all two 175 MVAR Re at Hptcg Convert R-1318 and Q1815 Circuits to 230kV Convert R-1318 and Q1815	ber PJM spreadsheet b2702 b2835.1	\$	er PJM website			Share1 2	Chara					
nstall two 175 MVAR Re at Hptcg Convert R-1318 and Q1815 Circuits to 230kV Convert R-1318 and Q1815	b2702 b2835.1	\$		per i			Silare	Charges	Charges	Charges	Charges	Charges
Convert R-1318 and Q1815 Circuits to 230kV Convert R-1318 and Q1815	b2835.1	-	1,291,665.00		-Jivi Operi Access	Transmission Tariff						
Circuits to 230kV Convert R-1318 and Q1815		Φ.		1.71%	3.84%	6.21%	0.26%	\$22,087	\$49,600	\$80,212	\$3,358	\$155,258
Convert R-1318 and Q1815		ď.										
		Ψ	10,450,746.00	12.08%	0.00%	62.65%	2.49%	\$1,262,450	\$0	\$6,547,392	\$260,224	\$8,070,066
		•	0 000 044 00	44.000/	2 222/	05.400/	0.040/	<b>****</b>		<b>#</b> 4.004.400	<b>0.170.050</b>	<b>AT 000 100</b>
Circuits to 230kV	b2835.2	\$	6,622,614.00	11.09%	0.00%	65.40%	2.61%	\$734,448	\$0	\$4,331,190	\$172,850	\$5,238,488
Convert R-1318 and Q1815	F000E 0	\$	4 004 070 00	40.400/	0.00%	07.000/	2.70%	¢404.070	\$0	<b>CCO2 54.4</b>	<b>607.577</b>	<b>#005 470</b>
Circuits to 230kV Convert the N-1340 and T-1372/D-	b2835.3	<b>ð</b>	1,021,376.00	10.19%	0.00%	67.90%	2.70%	\$104,078	\$0	\$693,514	\$27,577	\$825,170
1330 (Brunswick - Trenton) 138 kV												
circuits to 230 kV circuits	b2836.2	\$	9,294,426.00	19.58%	0.00%	0.00%	0.00%	\$1,819,849	\$0	\$0	\$0	\$1,819,849
Convert the N-1340 and T-1372/D-	02030.2	φ	9,294,420.00	19.30%	0.00%	0.00%	0.00%	\$1,019,049	Φυ	φυ	φυ	\$1,019,049
1330 (Brunswick - Trenton) 138 kV												
circuits to 230 kV circuits	b2836.3	\$	6,060,893.00	100.00%	0.00%	0.00%	0.00%	\$6,060,893	\$0	\$0	\$0	\$6,060,893
Convert the N-1340 and T-1372/D-	02030.3	Ψ	0,000,093.00	100.0070	0.0070	0.0070	0.0070	ψ0,000,033	ΨΟ	ΨΟ	ΨΟ	ψ0,000,033
1330 (Brunswick - Trenton) 138 kV												
circuits to 230 kV circuits	b2836.4	\$	11,618,974.00	100.00%	0.00%	0.00%	0.00%	\$11,618,974	\$0	\$0	\$0	\$11,618,974
Convert F-1358/Z-1326 and K-	D2000.4	Ψ	11,010,374.00	100.0070	0.0070	0.0070	0.0070	ψ11,010,374	ΨΟ	ΨΟ	ΨΟ	ψ11,010,574
1363/Y-1325 to Circuits to 230kV	b2837.1	\$	3,746,086.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-	2200	Ψ	0,7 10,000.00	0.0070	0.0070	0.0070	0.0070	Ψο	ΨΟ	Ψ	Ψ	ΨΟ
1363/Y-1325 to Circuits to 230kV	b2837.2	\$	1,284,500.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-	2200112	Ψ	1,201,000.00	0.0070	0.0070	0.0070	0.0070	Ψ.	40	40	40	<b>4</b> 5
1363/Y-1325 to Circuits to 230kV	b2837.3	\$	884.806.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-		•	, , , , , , ,					**	* -	•	* -	* -
1363/Y-1325 to Circuits to 230kV	b2837.4	\$	3,094,144.00	0.00%	0.00%	88.00%	3.50%	\$0	\$0	\$2,722,847	\$108,295	\$2,831,142
Convert F-1358/Z-1326 and K-			, ,									
1363/Y-1325 to Circuits to 230kV	b2837.5	\$	3,184,082.00	0.00%	0.00%	89.53%	3.56%	\$0	\$0	\$2,850,709	\$113,353	\$2,964,062
Convert F-1358/Z-1326 and K-												
1363/Y-1325 to Circuits to 230kV	b2837.6	\$	3,733,025.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-												
1363/Y-1325 to Circuits to 230kV	b2837.7	\$	1,240,875.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-												
1363/Y-1325 to Circuits to 230kV	b2837.8	\$	884,806.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-												
1363/Y-1325 to Circuits to 230kV	b2837.9	\$	323,731.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Convert F-1358/Z-1326 and K-									_			
1363/Y-1325 to Circuits to 230kV	b2837.10	\$	2,761,938.00	0.00%	0.00%	87.98%	3.50%	\$0	\$0	\$2,429,953	\$96,668	\$2,526,621
Convert F-1358/Z-1326 and K-	1.0007.44	Φ.	0.004.770.00	0.0001	0.000/	00.4004	0.500/	•	•	<b>#0.050.075</b>	0447.040	<b>#0.074.000</b>
1363/Y-1325 to Circuits to 230kV	b2837.11	\$	3,281,770.00	0.00%	0.00%	90.10%	3.59%	\$0	\$0	\$2,956,875	\$117,816	\$3,074,690
Roseland-Branchburg 230kV												
corridor rebuild (Readington -	h2006 42	\$	20 420 00	0.000/	100.000/	0.000/	0.000/	<b>ው</b> ር	¢20.420	Ф.	<b>ተ</b> ດ	¢20.420
Branchburg) Branchburg-Pleasant Valley 230kV	b2986.12	Ф	32,139.00	0.00%	100.00%	0.00%	0.00%	\$0	\$32,139	\$0	\$0	\$32,139
corridor rebuild (Branchburg - East												
Flemington)	b2986.21	\$	3,242,623.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Replace Transformers 203/138kV	D2900.21	Φ	3,242,023.00	0.00%	0.00%	0.00%	0.00%	Φ0	\$0	\$0	\$0	ΦC
ransformers at Roseland	b0274	\$	2 002 460 00	0.00%	0.00%	06 770/	0.00%	\$0	\$0	¢1 027 700	\$0	\$1,937,789
Totals	DU2/4	\$	2,002,469.00 <b>580,472,354.00</b>	0.00%	0.00%	96.77%	0.00%	\$0 \$25,781,475		\$1,937,789 <b>\$335,370,479</b>		\$1,937,789 <b>\$422,384,297</b>
I UtalS		Ф	J0U,41 Z,334.UU					φ23,101,413	φ40,344,024	φυου,υ/0,4/9	φ12,001,119	φ422,304,297

Notes on calculations >>>

(l) (m) (n)

= (a) \* (b) = (a) \* (c)

(o)

= (a) \* (d)

= (a) \* (e) = (f) + (g) +

**Zonal Cost** 

Average Monthly

(k)

2021

		(a)	(b)	(c)		(d)	(e)	(f)	(g)	(h)	(i)	<b>(j)</b>
			Respon	sible Custom	ers -	- Schedule 12 App	endix	Est	imated New Je	rsey EDC Zone	Charges by P	roject
Required		Jan - Dec 2021	ACE	JCP&L		PSE&G	RE	ACE	JCP&L	PSE&G	RE	Total
Transmission	РЈМ	Annual Revenue	Zone	Zone		Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones
Enhancement	Upgrade ID	Requirement	Share	Share		Share1,2	Share	Charges	Charges	Charges	Charges	Charges
per PJM website	per PJM spreadsheet	per PJM website	per	PJM Open Ac	cess	Transmission Tari	iff					
-	Allocation for	Impact on Zone	2021 Trans.	Rate in		Impact		-				
	New Jersey Zones	Customers in 2021	Peak Load <sup>2</sup>	\$/MW-mo. <sup>1</sup>		(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:

<sup>1)</sup> Uncompressed rate - assumes implementation on January 1, 2021

<sup>2)</sup> Data on PJM website

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

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

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	

#### PS TEC Refunds to Other EDCs

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

 Original
 \$25,781,475
 \$48,544,624
 \$335,370,479
 \$12,687,719
 \$422,384,297

 Revised
 \$24,054,459
 \$45,983,320
 \$314,263,977
 \$11,887,950
 \$396,189,706

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

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

# Attachment 7 (PSE&G OATT )

#### **SCHEDULE 12 – APPENDIX**

### (12) Public Service Electric and Gas Company

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

## **Public Service Electric and Gas Company (cont.)**

Annual Revenue Requirement Required Transmission Enhancements Responsible Customer(s)

Required	Transmission Ennancements	Annuai Revenue Requirem	ent Responsible Customer(s)
	Build new Essex – Aldene		
	230 kV cable connected		
	through a phase angle		PSEG (21.78%) / JCPL
b0145	regulator at Essex		(73.45%) /RE (4.77%)
	Add 100MVAR capacitor		PSEG (100%)
	at West Orange 138kV		
b0157	substation		
00107	Close the Sunnymeade		PSEG (100%)
b0158	"C" and "F" bus tie		1523 (10070)
00130	Make the Bayonne reactor		PSEG (100%)
b0159	permanent installation		1 SEG (10070)
00139	Relocate the X-2250		PSEG (100%)
	circuit from Hudson 1-6		FSEG (100%)
b0160	bus to Hudson 7-12 bus		
00100			DGEG (00 000/) / DE (0 200/)
	Install 230/138kV		PSEG (99.80%) / RE (0.20%)
1.01.61	transformer at Metuchen		
b0161	substation		DOTIC (4000())
	Upgrade the Edison –		PSEG (100%)
4 0 4 5 4	Meadow Rd 138kV "Q"		
b0162	circuit		
	Upgrade the Edison –		PSEG (100%)
	Meadow Rd 138kV "R"		
b0163	circuit		
	Build a new 230 kV		
	section from Branchburg		
b0169	<ul> <li>Flagtown and move the</li> </ul>		
00109	Flagtown – Somerville		AEC (1.72%) / JCPL (25.94%)
	230 kV circuit to the new		/ Neptune* (10.62%) / PSEG
	section		(59.59%) / ECP** (2.13%)
	Reconductor the		
b0170	Flagtown-Somerville-		JCLP (42.95%) / Neptune*
001/0	Bridgewater 230 kV		(17.90%) / PSEG (38.36%) RE
	circuit with 1590 ACSS		(0.79%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

Required	Transmission Enhancements	Annual Revenue Requirement Responsible Customer
b0172.2	Replace wave trap at Branchburg 500kV substation	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 (8.09%) / JCPL (32.99%) / NEPTUNE (5.38%) / PSEG (51.49%) / RE (2.05%)
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%)

b1082 | substation | \* Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Branchburg substation: replace wave trap on b0201 Branchburg Readington 230 kV circuit PSEG (100%) Replace New Freedom b0213.1 230 kV breaker BS2-6 PSEG (100%) Replace New Freedom b0213.3 230 kV breaker BS2-8 PSEG (100%) Replace both 230/138 kV b0274 transformers at Roseland PSEG (96.77%) / ECP\*\* (3.23%) Upgrade the two 138 kV circuits between b0275 West Roseland and Orange PSEG (100%) Install 228 **MVAR** capacitor at b0278 Roseland 230 kV substation PSEG (100%) **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%) / Install 400 **MVAR** EKPC (1.77%) / JCPL (3.84%) / capacitor in the b0290 ME (1.93%) / NEPTUNE\* Branchburg 500 kV (0.45%) / OVEC (0.07%) / PECO vicinity (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%) **DFAX Allocation:** AEC (8.09%) / JCPL (32.99%) / NEPTUNE (5.38%) / PSEG (51.49%) / RE (2.05%) Reconductor the PSEG portion of Buckingham b0358 Pleasant Valley 230 kV, replace wave trap and metering transformer PSEG (100%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

Required T	ransmission 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%)

Required T	ransmission Enhancements	Annual Revenue Requireme	nt Responsible Customer(s)
	Replace W. Orange 138		
b0401.8	kV breaker 132-4		PSEG (100%)
	Install 4 <sup>th</sup> 500/230 kV		AEC (47.01%) / JCPL (7.04%) /
	transformer at New		Neptune* (0.28%) / PECO
b0411	Freedom		(23.36%) / PSEG (22.31%)
	Reconductor Readington		
10100	(2555) – Branchburg		
b0423	(4962) 230 kV circuit		
	w/1590 ACSS		PSEG (100%)
	Replace Readington		
	wavetrap on Readington		
b0424	(2555) – Roseland (5017)		
	230 kV circuit		PSEG (100%)
	Reconductor Linden		1220 (10070)
	(4996) – Tosco (5190) 230		
	kV circuit w/1590 ACSS		
	(Assumes operating at 220		
b0425	degrees C)		PSEG (100%)
00723	Reconductor Tosco (5190)		1 SEG (10070)
	- G22 MTX5 (90220) 230		
	kV circuit w/1590 ACSS		
b0426	(Assumes operation at 220		DSEC (100%)
00420	degrees C) Reconductor Athenia		PSEG (100%)
	(4954) – Saddle Brook		
1.0427	(5020) 230 kV circuit river		DCEC (1000/)
b0427	section	<u> </u>	PSEG (100%)
	Replace Roseland		
	wavetrap on Roseland		
1.0.400	(5019) – West Caldwell		PGE G (1000/)
b0428	"G" (5089) 138 kV circuit		PSEG (100%)
	Reconductor Kittatinny		TODY (14 040 % 15 7
b0429	(2553) – Newton (2535)		JCPL (41.91%) / Neptune*
0012)	230 kV circuit w/1590		(3.59%) / PSEG (50.59%) / RE
	ACSS		(2.23%) / ECP** (1.68%)
	Spare Deans 500/230 kV		
b0439	transformer		PSEG (100%)
	Upgrade Bayway 138 kV		
b0446.1	breaker #2-3		PSEG (100%)
	Upgrade Bayway 138 kV		
b0446.2	breaker #3-4		PSEG (100%)
	Upgrade Bayway 138 kV		
b0446.3	breaker #6-7		PSEG (100%)

#### **Public Service Electric and Gas Company (cont.)**

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Upgrade the breaker associated with TX 132-5 on Linden 138 kV b0446.4 PSEG (100%) Install 138 kV breaker at Roseland and close b0470 the Roseland 138 kV buses PSEG (100%) Replace the wave traps at both Lawrence and b0471 Pleasant Valley on the Lawrence - Pleasant Vallen 230 kV circuit PSEG (100%) Increase the emergency rating of Saddle Brook b0472 Athenia 230 kV by 25% ECP (2.06%) / PSEG (94.41%) / by adding forced cooling RE (3.53%) Move the 150 MVAR mobile capacitor from b0473 Aldene 230 kV to Lawrence 230 kV substation PSEG (100%) **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 Build new 500 kV (2.65%) / Dominion (13.03%) / transmission facilities EKPC (1.77%) / JCPL (3.84%) / ME (1.93%) / NEPTUNE\* b0489 from Pennsylvania New Jersey border at (0.45%) / OVEC (0.07%) / PECO Bushkill to Roseland (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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.LC.

<sup>†</sup>Cost allocations associated with Regional Facilities and Necessary Lower Voltage Facilities associated with the project

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

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### Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace Athenia 230 kV b489.1 breaker 31H PSEG (100%) Replace Bergen 230 kV b489.2 breaker 10H PSEG (100%) Replace Saddlebrook 230 b489.3 kV breaker 21P PSEG (100%) AEC (5.09%) / ComEd (0.29%) / Dayton (0.03%) / DPL (1.76%) Install Roseland two / JCPL (32.73%) / Neptune\* 500/230 kV transformers b0489.4 (6.32%) / PECO (10.04%) / as part of the Susquehanna PENELEC (0.56%) / ECP\*\* - Roseland 500 kV project (0.95%) / PSEG (40.71%) / RE (1.52%) †† **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%) / Replace Roseland 230 kV ME (1.93%) / NEPTUNE\* b0489.5 breaker '42H' with 80 kA (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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

Required T	ransmission Enhancements	Annual Revenue Requirement Responsible Customer(s)
		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%) /
b0489.6	Replace Roseland 230 kV	ME (1.93%) / NEPTUNE*
00707.0	breaker '51H' with 80 kA	(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%)
		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%) /
b0489.7	Replace Roseland 230 kV	ME (1.93%) / NEPTUNE*
00469.7	breaker '71H' with 80 kA	(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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirer	nent Responsible Customer(s)
			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%) /
	Replace Roseland 230 kV breaker '31H' with 80 kA		EKPC (1.77%) / JCPL (3.84%) /
b0489.8			ME (1.93%) / NEPTUNE*
00403.0			(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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirem	ent Responsible Customer(s)
b0489.9	Replace Roseland 230 kV breaker '11H' 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%)
b0489.10	Replace Roseland 230 kV breaker '21H'		Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requireme	ent 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%)
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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required Transmission Enhancements		Annual Revenue Requireme	ent 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%)
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%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirement Responsible Customer(s)
b0489.15	Replace Roseland 230 kV breaker '72H'	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

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

230 kV substation

PSEG (100%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

### Public Service Electric and Gas Company (cont.)

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

<sup>\*</sup> Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

### Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace Branchburg 230 b0829.11 kV breaker 32H PSEG (100%) Replace Branchburg 230 b0829.12 kV breaker 52H PSEG (100%) 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 Build Roseland - Hudson (2.65%) / Dominion (13.03%) / 500 kV circuit as part of b0830 EKPC (1.77%) / JCPL (3.84%) / Branchburg – Hudson ME (1.93%) / NEPTUNE\* 500 kV project (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)Replace Roseland 230 b0830.1 kV breaker '82H' with 80 PSEG (100% Replace Roseland 230 kV breaker '91H' with 80 b0830.2 PSEG (100%) Replace Roseland 230 kV breaker '22H' with 80 b0830.3

PSEG (100%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

### **Public Service Electric and Gas Company (cont.)**

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) Replace 138/13 kV transformers with 230/13 ComEd (2.51%) / Dayton b0831 kV units as part of (0.09%) / PENELEC (2.75%) / Branchburg – Hudson 500 ECP\*\* (2.45%) / PSEG kV project (88.74%) / RE (3.46%) 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 Build Hudson 500 kV (2.65%) / Dominion (13.03%) / switching station as part of b0832 EKPC (1.77%) / JCPL (3.84%) / Branchburg – Hudson 500 ME (1.93%) / NEPTUNE\* kV project (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)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 Build Roseland 500 kV (2.65%) / Dominion (13.03%) / switching station as part of b0833 EKPC (1.77%) / JCPL (3.84%) / Branchburg – Hudson 500 ME (1.93%) / NEPTUNE\* kV project (0.45%) / OVEC (0.07%) / PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

#### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*\*</sup>East Coast Power, L.L.C.

### Public Service Electric and Gas Company (cont.)

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

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.)**

on the K-2263 circuit

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

Replace Bergen 138 kV breaker '30P' with 80 kA Replace Bergen 138 kV breaker '80P' with 80 kA Replace Bergen 138 kV breaker '70P' with 80 kA Replace Bergen 138 kV breaker '90P' with 63 kA Replace Bergen 138 kV		PSEG (100%)  PSEG (100%)  PSEG (100%)
breaker '80P' with 80 kA Replace Bergen 138 kV breaker '70P' with 80 kA Replace Bergen 138 kV breaker '90P' with 63 kA		, ,
breaker '70P' with 80 kA Replace Bergen 138 kV breaker '90P' with 63 kA		PSEG (100%)
breaker '90P' with 63 kA		
Replace Bergen 138 kV		PSEG (100%)
breaker '50P' with 63 kA		PSEG (100%)
Replace Bergen 230 kV breaker '12H' with 80 kA		PSEG (100%)
Replace Bergen 230 kV breaker '21H' with 80 kA		PSEG (100%)
Replace Bergen 230 kV breaker '11H' with 80 kA		PSEG (100%)
Replace Bergen 230 kV breaker '20H' with 80 kA		PSEG (100%)
Re-configure the Bayway 138 kV substation and install three new 138 kV breakers		PSEG (100%)
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%)
Build a new 138 kV circuit from Bayonne to Marion		PSEG (100%)
Re-configure the Cedar Grove substation with breaker and half scheme and build a new 69 kV circuit from Cedar Grove		PSEG (100%)
	Replace Bergen 230 kV breaker '21H' with 80 kA Replace Bergen 230 kV breaker '21H' with 80 kA Replace Bergen 230 kV breaker '11H' with 80 kA Replace Bergen 230 kV breaker '20H' with 80 kA Re-configure the Bayway 138 kV substation and install three new 138 kV breakers 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 Build a new 138 kV circuit from Bayonne to Marion Re-configure the Cedar Grove substation with breaker and half scheme and build a new 69 kV circuit from Cedar Grove	Breaker '12H' with 80 kA  Replace Bergen 230 kV  breaker '21H' with 80 kA  Replace Bergen 230 kV  breaker '11H' with 80 kA  Replace Bergen 230 kV  breaker '20H' with 80 kA  Re-configure the Bayway  138 kV substation and install three new 138 kV  breakers  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  Build a new 138 kV circuit from Bayonne to Marion  Re-configure the Cedar Grove substation with breaker and half scheme and build a new 69 kV

### Public Service Electric and Gas Company (cont.)

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirem	nent 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%)

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

Required Tra	ansmission 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%)

Required Tra	ansmission Enhancements	Annual Revenue Requirem	ent 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%)

#### **Public Service Electric and Gas Company (cont.)**

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

<sup>\*</sup> Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
		L	oad-Ratio Share Allocation:
		A	EC (1.71%) / AEP (14.04%) /
		A	APS (5.61%) / ATSI (8.10%) /
		BO	GE (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
			(3.23%) / DL (1.73%) / DPL
			2.65%) / Dominion (13.03%) /
b1410	Replace Salem 500 kV	El	KPC (1.77%) / JCPL (3.84%) /
01410	breaker '11X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	.89%) / PEPCO (3.82%) / PPL
			4.72%) / PSEG (6.21%) / RE
			(0.26%)
			DFAX Allocation:
			PSEG (96.17%) / RE (3.83%)
			oad-Ratio Share Allocation:
			EC (1.71%) / AEP (14.04%) /
			APS (5.61%) / ATSI (8.10%) /
		BC	GE (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
			(3.23%) / DL (1.73%) / DPL
	D 1 G 1 500 1 1	`	2.65%) / Dominion (13.03%) /
b1411	Replace Salem 500 kV		XPC (1.77%) / JCPL (3.84%) /
	breaker '12X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	.89%) / PEPCO (3.82%) / PPL
			4.72%) / PSEG (6.21%) / RE
		<u> </u>	(0.26%)
			DFAX Allocation:
			PSEG (96.17%) / RE (3.83%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
		Lo	oad-Ratio Share Allocation:
		Al	EC (1.71%) / AEP (14.04%) /
		A	PS (5.61%) / ATSI (8.10%) /
		BG	E (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
		`	3.23%) / DL (1.73%) / DPL
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	.65%) / Dominion (13.03%) /
b1412	Replace Salem 500 kV		PC (1.77%) / JCPL (3.84%) /
01712	breaker '20X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	89%) / PEPCO (3.82%) / PPL
		(4	1.72%) / PSEG (6.21%) / RE
			(0.26%)
			DFAX Allocation:
			SEG (96.17%) / RE (3.83%)
			oad-Ratio Share Allocation:
			EC (1.71%) / AEP (14.04%) /
			PS (5.61%) / ATSI (8.10%) /
		BG	E (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
		`	3.23%) / DL (1.73%) / DPL
		`	.65%) / Dominion (13.03%) /
b1413	Replace Salem 500 kV		PC (1.77%) / JCPL (3.84%) /
	breaker '21X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	89%) / PEPCO (3.82%) / PPL
		(4	4.72%) / PSEG (6.21%) / RE
			(0.26%)
			DFAX Allocation:
		P	SEG (96.17%) / RE (3.83%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
		L	oad-Ratio Share Allocation:
		A	EC (1.71%) / AEP (14.04%) /
		A	APS (5.61%) / ATSI (8.10%) /
		BO	GE (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
			(3.23%) / DL (1.73%) / DPL
		`	2.65%) / Dominion (13.03%) /
b1414	Replace Salem 500 kV	El	KPC (1.77%) / JCPL (3.84%) /
01717	breaker '31X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	.89%) / PEPCO (3.82%) / PPL
			4.72%) / PSEG (6.21%) / RE
			(0.26%)
			DFAX Allocation:
			PSEG (96.17%) / RE (3.83%)
			oad-Ratio Share Allocation:
			EC (1.71%) / AEP (14.04%) /
			APS (5.61%) / ATSI (8.10%) /
		BC	GE (4.36%) / ComEd (13.14%)
			/ Dayton (2.15%) / DEOK
			(3.23%) / DL (1.73%) / DPL
	D 1 G 1 500 1 1 1	`	2.65%) / Dominion (13.03%) /
b1415	Replace Salem 500 kV		XPC (1.77%) / JCPL (3.84%) /
	breaker '32X'		ME (1.93%) / NEPTUNE*
			(0.45%) / OVEC (0.07%) /
			PECO (5.29%) / PENELEC
		`	.89%) / PEPCO (3.82%) / PPL
			4.72%) / PSEG (6.21%) / RE
		<u> </u>	(0.26%)
			DFAX Allocation:
			PSEG (96.17%) / RE (3.83%)

<sup>\*</sup> Neptune Regional Transmission System, LLC

#### Public Service Electric and Gas Company (cont.)

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

#### Public Service Electric and Gas Company (cont.)

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

<sup>\*</sup>Neptune Regional Transmission System, LLC

<sup>\*\*</sup>East Coast Power, L.L.C.

# **Public Service Electric and Gas Company (cont.)**

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s)

| b2039 | Replace Bayonne 138 kV |

b2039	Replace Bayonne 138 kV breaker '11P'	DCEC (1000/)
		PSEG (100%)
	Reconductor the	
	Mickleton - Gloucester	
b2139	230 kV parallel circuits	
	with double bundle	PSEG (61.11%) / PECO
	conductor	(36.45%) / RE (2.44%)
	Re-configure the	
b2146	Brunswick 230 kV and 69	
	kV substations	PSEG (96.16%) / RE (3.84%)
	Construct Jackson Rd. 69	
	kV substation and loop the	
	Cedar Grove - Hinchmans	
	Ave into Jackson Rd. and	
b2151	construct Hawthorne 69	
	kV substation and build 69	
	kV circuit from	
	Hinchmans Ave -	
	Hawthorne - Fair Lawn	PSEG (100%)
	Reconfigure the Linden,	
	Bayway, North Ave, and	
	Passaic Valley S.C. 138	
b2159	kV substations. Construct	
	and loop new 138 kV	
	circuit to new airport	PSEG (72.61%) / HTP (24.49%)
	station	/ RE (2.90%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### **SCHEDULE 12 – APPENDIX A**

#### (12) Public Service Electric and Gas Company

Required Tra	ansmission Enhancements	Annual Revenue Requireme	nt 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%)

<sup>\*</sup>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.

# **Public Service Electric and Gas Company (cont.)**

Required 11	ansmission 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 Raritian River - Middlesex (I-1023) circuit		PSEG (100%)
b2291	Replace circuit switcher at Lake Nelson 230 kV substation on the Raritian 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%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

		Affilial Revenue Requirer	nent 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		Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades		PSEG (100%)  Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

## **Public Service Electric and Gas Company (cont.)**

required transmission Emilianeements Annual Revenue Requirement Responsible Customer(s)			
		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	
	Convert the Marion -	(3.23%) / DL (1.73%) / DPL	
	Bayonne "C" 138 kV	(2.65%) / Dominion (13.03%) /	
b2436.22	circuit to 345 kV and any	EKPC (1.77%) / JCPL (3.84%) /	
02430.22	associated substation	ME (1.93%) / NEPTUNE*	
	upgrades	(0.45%) / OVEC (0.07%) /	
	upgrades	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%)	
	Construct a new Bayway –		
b2436.33	Bayonne 345 kV circuit	PSEG (96.17%) / RE (3.83%)	
02430.33	and any associated	1 SEG (70.1770)7 RE (3.0370)	
	substation upgrades		
	Construct a new North		
b2436.34	Ave – Bayonne 345 kV	PSEG (96.17%) / RE (3.83%)	
02430.34	circuit and any associated	1 SEG (70.1770)7 KE (5.0570)	
	substation upgrades		

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

Required Transfinission Education Admittal 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		Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requiren	nent Responsible Customer(s)
			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
	Convert the Bayway -		(3.23%) / DL (1.73%) / DPL
	Linden "Z" 138 kV circuit		(2.65%) / Dominion (13.03%) /
b2436.83	to 345 kV and any		EKPC (1.77%) / JCPL (3.84%) /
02 130.03	associated substation		ME (1.93%) / NEPTUNE*
	upgrades		(0.45%) / OVEC (0.07%) /
	apgrades		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%)
	Convert the Bayway –		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
	Linden "W" 138 kV		(2.65%) / Dominion (13.03%) /
b2436.84	circuit to 345 kV and any		EKPC (1.77%) / JCPL (3.84%) /
	associated substation		ME (1.93%) / NEPTUNE*
	upgrades		(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%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s) **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 Convert the Bayway – (2.65%) / Dominion (13.03%) / Linden "M" 138 kV EKPC (1.77%) / JCPL (3.84%) / b2436.85 circuit to 345 kV and any ME (1.93%) / NEPTUNE\* associated substation (0.45%) / OVEC (0.07%) / upgrades 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%) **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 Relocate Farragut -(2.65%) / Dominion (13.03%) / Hudson "B" and "C" 345 EKPC (1.77%) / JCPL (3.84%) / b2436.90 kV circuits to Marion 345 ME (1.93%) / NEPTUNE\* kV and any associated (0.45%) / OVEC (0.07%) / substation upgrades PECO (5.29%) / PENELEC (1.89%) / PEPCO (3.82%) / PPL (4.72%) / PSEG (6.21%) / RE (0.26%)**DFAX Allocation:** PSEG (100%) Relocate the Hudson 2 generation to inject into b2436.91 PSEG (100%) the 345 kV at Marion and any associated upgrades

<sup>\*</sup>Neptune Regional Transmission System, LLC

#### **Public Service Electric and Gas Company (cont.)**

Required 11	ansmission Enhancements An	nual Revenue Requirement	Responsible Customer(s)
	New Bergen 345/230 kV		
b2437.10	transformer and any		PSEG (100%)
02437.10	associated substation		1 SEG (10070)
	upgrades		
	New Bergen 345/138 kV		
b2437.11	transformer #1 and any		PSEG (100%)
02437.11	associated substation		1 SEG (10070)
	upgrades		
	New Bayway 345/138 kV		
b2437.20	transformer #1 and any		PSEG (100%)
02437.20	associated substation		1 SEG (10070)
	upgrades		
	New Bayway 345/138 kV		
b2437.21	transformer #2 and any		PSEG (100%)
02437.21	associated substation		1 SEG (10070)
	upgrades		
	New Linden 345/230 kV		
b2437.30	transformer and any		PSEG (96.17%) / RE (3.83%)
02437.30	associated substation		1 SEG (70.1770) / RE (5.0570)
	upgrades		
	New Bayonne 345/69 kV		
b2437.33	transformer and any		PSEG (100%)
02437.33	associated substation		1 SEG (10070)
	upgrades		
b2438	Install two reactors at		PSEG (100%)
02436	Tosco 230 kV		FSEG (10070)
	Replace the Tosco 138kV		
b2439	breaker 'CB1/2 (CBT)'		PSEG (100%)
	with 63kA		` ,
10454	Rebuild Athenia 138 kV to		PGE G (1000/)
b2474	80kA		PSEG (100%)
	Install a 100 MVAR 230		
b2589	kV shunt reactor at Mercer		PSEG (100%)
02307	station		1525 (10070)
	Install two 75 MVAR 230		
b2590	kV capacitors at Sewaren		PSEG (100%)
02370	station		1523 (10070)
	Station		

<sup>\*</sup>Neptune Regional Transmission System, LLC

# **Public Service Electric and Gas Company (cont.)**

Required 1ra				
		Load-Ratio Share Allocation:		
		AEC (1.71%) / AEP (14.04%) /		
		Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) / BGE (4.36%) / ComEd (13.14%)		
	Install an SVC at New			
b2633.3	Freedom 500 kV			
	substation			
		` '		
		Load-Ratio Share Allocation: AEC (1.71%) / AEP (14.04%) / APS (5.61%) / ATSI (8.10%) /		
	Add a new 500 kV bay at	(0.45%) / OVEC (0.07%) /		
b2633.4	Hope Creek (Expansion of	PECO (5.29%) / PENELEC		
02033.1	Hope Creek substation)	(1.89%) / PEPCO (3.82%) / PPL		
	Trope Creek Substation)	(4.72%) / PSEG (6.21%) / RE		
		(0.26%)		
		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%)		

## **Public Service Electric and Gas Company (cont.)**

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%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

# **Public Service Electric and Gas Company (cont.)**

<u> </u>	Implement changes to the	act revenue requirement responsible editioner(s)
b2633.91	tap settings for the two	AEC (0.01%) / DPL (99.98%) /
	Salem units' step up	JCPL (0.01%)
	transformers	
	Implement changes to the tap settings for the Hope	AEC (0.01%) / DPL (99.98%) /
b2633.92	Creek unit's step up	JCPL (0.01%)
	transformers	3C1L (0.0170)
ь2702	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%)
b2703	Install a 100 MVAR reactor at Bergen 230 kV	PSEG (100%) 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%)

<sup>\*</sup>Neptune Regional Transmission System, LLC

# **Public Service Electric and Gas Company (cont.)**

Required In	ansmission Enhancements Anni	ual 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

# **Public Service Electric and Gas Company (cont.)**

Required 11	ansmission Enhancements Annu	ial Revenue Requirement	Responsible Customer(s)
b2835.1	Conver 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%)

# **Public Service Electric and Gas Company (cont.)**

Required Ir	ansmission Enhancements Annu	aal Revenue Requirement	t Responsible Customer(s)
	Convert the F-1358/Z1326 and K1363/Y-1325		
b2837	(Trenton – Burlington) 138		See sub-IDs for cost allocations
	kV circuits to 230 kV		
	circuits		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.1	(Trenton - Burlington) 138		NEPTUNE (100%)
02037.1	kV circuits to 230 kV		11E1 1011E (10070)
	circuits (Trenton - Yardville		
	K)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.2	(Trenton - Burlington) 138		NEPTUNE (100%)
	kV circuits to 230 kV		
	circuits (Yardville - Ward		
	Ave K)		
	Convert the N-1340 and T-		
1 2027 2	1372/D-1330 (Brunswick -		NIEDTI DIE (1000/)
b2837.3	Trenton) 138 kV circuits to		NEPTUNE (100%)
	230 kV circuits (Brunswick		
	- Devils Brook)  Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
	(Trenton - Burlington) 138		NEPTUNE (8.50%) / PSEG
b2837.4	kV circuits to 230 kV		(88.00%) / RECO (3.50%)
	circuits (Crosswicks -		(88.0070)7 KECO (3.3070)
	Bustleton Y)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
1.000	(Trenton - Burlington) 138		NEPTUNE (6.91%) / PSEG
b2837.5	kV circuits to 230 kV		(89.53%) / RECO (3.56%)
	circuits (Bustleton -		(37.52.13). 1 = 2.5 (8.65.70)
	Burlington Y)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
1,2027 C	(Trenton - Burlington) 138		NIEDTI INIE (1000/)
b2837.6	kV circuits to 230 kV		NEPTUNE (100%)
	circuits (Trenton - Yardville		
	F)		
	-		

# **Public Service Electric and Gas Company (cont.)**

Required 11	ansmission Enhancements Ann	ual Revenue Requirement	t Responsible Customer(s)
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.7	(Trenton - Burlington) 138		NEPTUNE (100%)
	kV circuits to 230 kV		, ,
	circuits (Yardville - Ward		
	Ave F)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.8	(Trenton - Burlington) 138		NEPTUNE (100%)
0200,10	kV circuits to 230 kV		1.21101.2 (100.0)
	circuits (Ward Ave -		
	Crosswicks Z)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.9	(Trenton - Burlington) 138		NEPTUNE (100%)
02037.7	kV circuits to 230 kV		11L1 1011L (10070)
	circuits (Crosswicks -		
	Williams Z)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.10	(Trenton - Burlington) 138		NEPTUNE (8.52%) / PSEG
02037.10	kV circuits to 230 kV		(87.98%) / RECO (3.50%)
	circuits (Williams -		
	Bustleton Z)		
	Convert the F-1358/Z-1326		
	and K-1363/Y-1325		
b2837.11	(Trenton - Burlington) 138		NEPTUNE (6.31%) / PSEG
02037.11	kV circuits to 230 kV		(90.10%) / RECO (3.59%)
	circuits (Bustleton -		
	Burlington Z)		
	Build new 138/26 kV		
	Newark GIS station in a		
	building (layout #1A)		
b2870	located adjacent to the		PSEG (100%)
	existing Newark Switch and		, ,
	demolish the existing		
	Newark Switch		
	Third Source for		
b2933	Springfield Rd. and Stanley		See sub-IDs for cost allocations
	Terrace Stations		
l			

# **Public Service Electric and Gas Company (cont.)**

		1	1
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%)

# **Public Service Electric and Gas Company (cont.)**

Required Ira	ansmission Enhancements Annu	ial Revenue Requirement	Responsible Customer(s)
b2935.3	Convert Runnemede's straight bus to a ring bus and construct a 69 kV line from Hilltop to Runnemede 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

# **Public Service Electric and Gas Company (cont.)**

	anominosion Emilianeemento 7 mine	respension customics)
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%)

# **Public Service Electric and Gas Company (cont.)**

1		 (-)
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%)

# **Public Service Electric and Gas Company (cont.)**

b3025.1	Install a new 69/13 kV station (Vauxhall) with a		PSEG (100%)	
05025.1	ring bus configuration		1523 (10070)	
b3025.2	Install a new 69/13 kV		PSEG (100%)	
	station (19th Ave) with a			
	ring bus configuration			
b3025.3	Construct a 69 kV network			
	between Stanley Terrace,			
	Springfield Road,		DCEC (1000/)	
	McCarter, Federal Square,		PSEG (100%)	
	and the two new stations			
	(Vauxhall & 19th Ave)			

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" accepted as part of the Offer of Settlement approved by the Commission in its October 1, 2021 order.<sup>2</sup>

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

<sup>&</sup>lt;sup>1</sup> PJM Interconnection, L.L.C., <u>OATT ATT H-10A</u>, <u>OATT Attachment H-10A</u> - <u>Public Service Electric and Gas Co (14.0.0)</u>; <u>OATT ATT H-10B</u>, <u>OATT Attachment H-10B</u> - <u>Public Service Electric and Gas Co (3.0.0)</u>.

<sup>&</sup>lt;sup>2</sup> 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					
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 Allocati		(11.4.0)		07.000.400	
1 Transmission Wages E	=xpense	(Note O)	Attachment 5	37,389,490	
<ul><li>2 Total Wages Expense</li><li>3 Less: A&amp;G Wages Expense</li></ul>		(Note O) (Note O)	Attachment 5 Attachment 5	208,105,351 6,000,000	
4 Total Wages Less A&C		(Note O)	(Line 2 - Line 3)	202,105,351	
5 Wages & Salary Allocate	or		(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 Serv	ice - Electric		(Line 27)	248,986,792	
8 Total Plant in Service			(Line 6 + 7)	25,710,794,981	
	tion (Total Electric Plant)	(Note B & J)	Attachment 5	4,528,496,566	
	e Amortization - Electric n Plant Depreciation - Electric	(Note B) (Note B & J)	Attachment 5 Attachment 5	6,075,642 50,554,202	
12 Accumulated Common	Amortization - Electric	(Note B)	Attachment 5	72,229,346	
13 Total Accumulated Department	preciation		(Line 9 + Line 10 + Line 11 + Line 12)	4,657,355,755	
14 Net Plant			(Line 8 - Line 13)	21,053,439,226	
15Transmission Gross P	lant		(Line 36)	14,777,415,275	
16 Gross Plant Allocator			(Line 15 / Line 8)	57.4755%	
17 Transmission Net Plan	ıt .		(Line 48)	13,227,750,449	
18 Net Plant Allocator			(Line 17 / Line 14)	62.8294%	
<b>O&amp;M Allocation Factor</b>					
<ul><li>19 Transmission O&amp;M Ex</li><li>20 Distribution O&amp;M Expe</li></ul>		(Note O) (Note O)	(Line 68) Attachment 5	123,700,000 700,207,142	
	Transmission O&M Expense	(Note O)	(Line 19 + Line 20)	823,907,142	
22 Transmission O&M Allo	cator				
22 Transmission O&M Allo			(Line 19 / Line 21)	15.0138%	
22 Transmission O&M Allo 23 Multi-Factor A&G Exper			((Line 19 / Line 21) ((Line 5 + Line 16 + Line 22) / 3)	30.3298%	
			·		
23 Multi-Factor A&G Expen			·		
23 Multi-Factor A&G Exper	ise Allocator	(Note B)	·		
23 Multi-Factor A&G Experion Plant Calculations Plant In Service	ise Allocator	(Note B)	((Line 5 + Line 16 + Line 22) / 3)	30.3298%	
23 Multi-Factor A&G Exper  Plant Calculations  Plant In Service  24 Transmission Plant In  25 General  26 Intangible - Electric	se Allocator Service	(Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5  Attachment 5  Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636	
Plant Calculations Plant In Service Transmission Plant In Service Intangible - Electric Common Plant - Electric	se Allocator  Service	(Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792	
Plant Calculations  Plant In Service  Transmission Plant In  General  Intangible - Electric  Common Plant - Electric  Tan General, Intangible	se Allocator  Service	(Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5  Attachment 5  Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636	
Plant Calculations  Plant In Service  Transmission Plant In  Service  General Intangible - Electric Common Plant - Electric Total General, Intangiti General Plant Less: General Plant Less: Common Plar	ise Allocator  Service  ric  le & Common Plant Account 397 Communications  tt Account 397 Communications	(Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660	
Multi-Factor A&G Experiment Calculations	Service  ric Sle & Common Plant Account 397 Communications at Account 397 Communications at Excluding Acct. 397	(Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30)	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865	
Plant Calculations  Plant In Service Transmission Plant In  5 General Intangible - Electric Common Plant - Electric Total General, Intangible Less: Common Plant Less: Common Plant General and Intangible Wage & Salary Allocat	Service  Ser	(Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5)	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,5000%	
Multi-Factor A&G Experiment	ise Allocator  Service  Service  Je & Common Plant Account 397 Communications It Account 397 Communications Excluding Acct. 397  or Plant Allocated to Transmission ttly Assigned to Transmission	(Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 559,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932	
Multi-Factor A&G Experiment	Service  Service  Service  Service  See & Common Plant Account 397 Communications Account 397 Communications Excluding Acct. 397  or  Flant Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32)	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485	
Multi-Factor A&G Experiment	Service  ric  sle & Common Plant Account 397 Communications th Account 397 Communications th Account 397 Communications the Excluding Acct. 397  or  Plant Allocated to Transmission tly Assigned to Transmission angible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 559,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932	
Plant Calculations  Plant In Service  Transmission Plant In  General Intangible - Electric Common Plant - Elect Total General, Intangibl Less: General Plant General and Intangible Wage & Salary Allocat General and Intangible Account No. 397 Direc Total General and Intangible Account No. 397 Direc Total General and Intangible	Service  Service  Service  Service  Sele & Common Plant Account 397 Communications at Account 397 Communications be Excluding Acct. 397  or Plant Allocated to Transmission angible Functionalized to Transmission angible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 31 * Line 34)	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417	
Plant Calculations  Plant In Service Transmission Plant In  5 General Intangible - Electric Total General, Intangible Less: Common Plant General and Intangible Wage & Salary Allocat General and Intangible Account No. 397 Direc Total General and Inta	Service  ric  Sle & Common Plant Account 397 Communications at Account 397 Communications at Excluding Acct. 397  or I Plant Allocated to Transmission attly Assigned to Transmission angible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 31 * Line 34)	30.3298% 14,670,297,858 337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417	
Plant Calculations  Plant In Service  Transmission Plant In  General  Intangible - Electric  Common Plant - Electric  Total General, Intangit  Less: General Plant  Less: Common Pla  General and Intangible  Wage & Salary Allocat  General and Intangible  Account No. 397 Direc  Total General and Intangible  Account No. 397 Direc  Total General and Intangible  Account No. 397 Direc	Service  ric  le & Common Plant Account 397 Communications It Account 397 Communications Excluding Acct. 397  or  Plant Allocated to Transmission tly Assigned to Transmission angible Functionalized to Transmission	(Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)	30.3298%  14,670,297,858  337,061,626  13,443,636  248,986,792  599,492,054  10,757,529  41,888,660  546,845,865  18,5000%  101,166,485  5,950,932  107,117,417  14,777,415,275  1,501,111,598  131,531,418	
Plant Calculations  Plant In Service  Transmission Plant In  General Intangible - Electric Common Plant - Electric Edition Total General, Intangible Ess: General Plant General and Intangible Wage & Salary Allocat General and Intangible Total General and Intangible Wage & Salary Allocat Total General and Intangible Total General and Intangible Account No. 397 Direc Total General and Intangible Accumulated General Accumulated General Accumulated General Accumulated General	Service  Service  Service  Sele & Common Plant Account 397 Communications th Account 397 Communications th Account 397 Communications to Excluding Acct. 397  or  Flant Allocated to Transmission tly Assigned to Transmission angible Functionalized to Transmission  selection  Better the American Selection  Depreciation  Depreciation  Plant Depreciation & Amortization - Electric	(Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 34 + Line 35)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18.5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995	
Plant Calculations	Service  Ser	(Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 51 (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)  Attachment 5	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 559,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 131,531,418	
Plant Calculations	Service  Service  Service  Service  Service  Service  Se & Common Plant Account 397 Communications It Account 397 Communications Excluding Acct. 397  or Plant Allocated to Transmission Itly Assigned to Transmission angible Functionalized to Transmission  service or angular form of the service of the	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 38 + Line 39 - Line 40)	30.3298%  14,670,297,858  337,061,626  13,443,636  248,986,792  599,492,054  10,757,529  41,888,660  546,845,865  18,5000%  101,166,485  5,950,932  107,117,417  14,777,415,275  1,501,111,598  131,531,418  118,594,995  24,113,568  226,012,845	
Plant Calculations	Service  Ser	(Note B)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)  Attachment 5 (Line 38 + Line 39 - Line 40) (Line 41 + 42)	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 559,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 226,012,845 6,075,642 232,088,486	
Plant Calculations  Plant In Service  Transmission Plant In  General  Intangible - Electric  Common Plant - Electric  Common Plant - Electric  Semeral Plant  Less: General Plant  General and Intangible  Wage & Salary Allocat  General and Intangible  Account No. 397 Direct  Total General and Intangible  Accumulated Depreciati  Transmission Accumulated  Accumulated General	Service  Service  Service  Service  See Common Plant Account 397 Communications the Account 397 Communications to Excluding Acct. 397 or Plant Allocated to Transmission tly Assigned to Transmission angible Functionalized to Transmission  Second Sec	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 34 + Line 35)  Attachment 5	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,500% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 226,012,845 6,075,642 232,088,486 18,500%	
Plant Calculations  Plant In Service  Plant In Service  Transmission Plant In  General  Total General, Intangible  Service  Total General and Intangible  Wage & Salary Allocat  Total Plant In Rate Base  Accumulated Depreciati  Transmission Accumulated  Accumulated General	Service  Ser	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)  Attachment 5 (Line 38 + Line 39 - Line 40) (Line 41 + 42)	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 559,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 226,012,845 6,075,642 232,088,486	
Plant Calculations  Plant In Service  Plant In Service  Transmission Plant In  General  Total General, Intangible  Sess: General Plant  General and Intangible  Wage & Salary Allocat  Total Plant In Rate Base  Accumulated Depreciati  Transmission Accumul  Accumulated General	Service  Service  Service  Service  Sele & Common Plant Account 397 Communications the Account 397 Communications the Account 397 Communications to Excluding Acct. 397  Or Plant Allocated to Transmission tly Assigned to Transmission angible Functionalized to Transmission  Before  Selection  Depreciation Depreciation Depreciation & Amortization - Electric Internal Depreciation Associated with Acct. 397 Selection Selectric Before Selectr	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 31 * Line 34)  (Line 34 + Line 35)  Attachment 5 (Line 35 + Line 36)	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18.5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 26,012,845 6,075,642 232,088,486 18.5000% 42,936,370 5,616,857	
Plant Calculations  Plant In Service  Transmission Plant In  General  Intangible - Electric  Total General, Intangible  Wage & Salary Allocat  Total Plant In Rate Base  Accumulated Depreciati  Transmission Accumulated Accumulated General  Accumulated General	Service  Ser	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 (Line 28 - Line 29 - Line 30) (Line 5) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 24 + Line 35)  Attachment 5 Attachment 5 Attachment 5 (Line 38 + Line 39 - Line 40) (Line 41 + 42) (Line 5) (Line 43 * Line 44) Attachment 5 (Line 43 * Line 44) Attachment 5	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18,5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 226,012,845 6,075,642 232,088,486 18,5000% 42,936,370 5,616,857	
Plant Calculations  Plant In Service  24 Transmission Plant In  25 General  26 Intangible - Electric  27 Common Plant - Electr  28 Total General, Intangible  29 Less: General Plant  30 Less: Common Plant  31 General and Intangible  32 Wage & Salary Allocat  33 General and Intangible  34 Account No. 397 Direct  35 Total General and Intangible  36 Total Plant In Rate Base  Accumulated Depreciati  37 Transmission Accumul  38 Accumulated General  39 Accumulated Common  40 Less: Amount of Ge  41 Balance of Accumulated  42 Accumulated Intangible  43 Accumulated General  44 Wage & Salary Allocat  45 Subtotal General and In  46 Accumulated General	Service  Ser	(Note B) (Note B & J)	((Line 5 + Line 16 + Line 22) / 3)  Attachment 5 Attachment 5 Attachment 5 (Line 25 + Line 26 + Line 27) Attachment 5 Attachment 5 (Line 28 - Line 29 - Line 30) (Line 31 * Line 32) Attachment 5 (Line 33 + Line 34) (Line 33 + Line 34)  (Line 24 + Line 35)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 38 + Line 39 - Line 40) (Line 10) (Line 41 + 42) (Line 5) (Line 43 * Line 44) Attachment 5	30.3298%  14,670,297,858  337,061,626 13,443,636 248,986,792 599,492,054 10,757,529 41,888,660 546,845,865 18.5000% 101,166,485 5,950,932 107,117,417  14,777,415,275  1,501,111,598 131,531,418 118,594,995 24,113,568 26,012,845 6,075,642 232,088,486 18.5000% 42,936,370 5,616,857	

49	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-2,009,154,738
50 51 52	Regulatory Assets and Liabilities Deficient Deferred Taxes Regulatory Asset (Account 182.3) Excess Deferred Taxes Regulatory Liability (Account 254) enter negat Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission		(Line 50 + 51)	-673,157,053 -673,157,053
53	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	0
54	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	0
55	Plant Held for Future Use	(Note C & Q)	Attachment 5	20,881,499
56	Prepayments Prepayments	(Note A & Q)	Attachment 5	467,498
57 58	Materials and Supplies Undistributed Stores Expense Wage & Salary Allocator	(Note Q)	Attachment 5 (Line 5)	0 18.5000%
59 60	Total Undistributed Stores Expense Allocated to Transmission  Transmission Materials & Supplies	(Note Q)	(Line 57 * Line 58) Attachment 5	70,794,000
61	Total Materials & Supplies Allocated to Transmission		(Line 59 + Line 60)	70,794,000
62	Unfunded Reserves Unfunded Reserves	(Note A & Q)	Attachment 5	-13,745,792
63	Network Credits 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
Oper	ations & Maintenance Expense			
	Transmission O&M			
66 67	Transmission O&M  Less: Transmission of Electricity by Others Account 565	(Note O) (Note O)	Attachment 5 Attachment 5	123,700,000 0
68	Transmission O&M		(Lines 66 - 67)	123,700,000
60	Allocated Administrative & General Expenses	(Note O)	Attachment F	40.076.040
69 70	Total A&G Plus: Actual PBOP expense	(Note O) (Note J)	Attachment 5 Attachment 5	48,276,942 -42,325,481
71	Less: Actual PBOP expense	(Note O)	Attachment 5	-42,325,481
72 73	Less: Property Insurance Account 924 Less: Regulatory Commission Exp Account 928	(Note O) (Note E & O)	Attachment 5 Attachment 5	5,058,406 10,718,936
74	Less: General Advertising Exp Account 930.1	(Note O)	Attachment 5	2,576,107
75 76	Less: EPRI Dues Administrative & General Expenses	(Note D & O)	Attachment 5 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
70	Directly Assigned A&G  Regulatory Commission Eva Account 939	(Note G. 8. O)	Attachment 5	600,000
79 80	Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1	(Note G & O) (Note K & O)	Attachment 5 Attachment 5	0
81	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 79 + Line 80)	600,000
82	Property Insurance Account 924	W + 500	(Line 72)	5,058,406
83 84	General Advertising Exp Account 930.1 Total Accounts 928 and 930.1 - General	(Note F & O)	Attachment 5 (Line 82 + Line 83)	5,058,406
85 86	Net Plant Allocator  A&G Directly Assigned to Transmission		(Line 18) (Line 84 * Line 85)	62.8294% 3,178,166
87	Total Transmission O&M		(Lines 68 + 78 + 81 + 86)	136,553,898
Depre	eciation & Amortization Expense			
	Depreciation Expense	(N 10.0)	A., 1 <del>.</del>	000 400 004
88 89	Transmission Depreciation Expense Including Amortization of Limited Term Plant Amortization of Abandoned Plant Projects	(Note J & O) (Note R)	Attachment 5 Attachment 5	330,429,294
90	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	27,132,186
91 92	Less: Amount of General Depreciation Expense Associated with Acct. 397  Balance of General Depreciation Expense	(Note J & O)	Attachment 5 (Line 90 - Line 91)	5,283,117 21,849,069
93	Intangible Amortization	(Note A & O)	Attachment 5	16,484,348
94 95	Total Wage & Salary Allocator		(Line 92 + Line 93) (Line 5)	38,333,417 18.50%
96	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 94 * Line 95)	7,091,682
97 98	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission  General Depreciation and Intangible Amortization Functionalized to Transmission	(Note J & O)	Attachment 5 (Line 96 + Line 97)	595,266 <b>7,686,948</b>
99	Total Transmission Depreciation & Amortization		(Lines 88 + 89 + 98)	338,116,242
Taxes Other than Income Taxes				
	Taxes Other than Income Taxes	(Note O)	Attachment 2	14,144,611

101	Total Taxes Other than Income Taxes			(Line 100)	14,144,611
Retur	n \ Capitalization Calculations				
102	Long Term Interest			p117.62.c through 67.c	375,469,950
103	Preferred Dividends		enter positive	p118.29.d	0
104 105 106 107 108	Common Stock Proprietary Capital Less Accumulated Other Comprehensive Income Account 21 Less Preferred Stock Less Account 216.1 Common Stock	9	(Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 114) Attachment 5 (Line 104 - 105 - 106 - 107)	11,445,990,245 381,672 0 196,890 11,445,411,683
109 110 111 112 113 114	Capitalization Long Term Debt Less: Loss on Reacquired Debt Plus: Gain on Reacquired Debt Less: ADIT associated with Gain or Loss Total Long Term Debt Preferred Stock		(Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 109 - 110 + 111 - 112) Attachment 5	9,583,380,700 45,429,390 0 601,942 9,537,349,368 0
115 116	Common Stock Total Capitalization			(Line 108) (Sum Lines 113 to 115)	11,445,411,683 20,982,761,051
117 118 119	Debt % Preferred % Common %	Total Long Term Debt Preferred Stock Common Stock		(Line 109 / (Line 109 + 114 + 115)) (Line 114 / (Line 109 + 114 + 115)) (Line 115 / (Line 109 + 114 + 115))	45.57% 0.00% 54.43%
120 121 122	Debt Cost Preferred Cost Common Cost	Total Long Term Debt Preferred Stock Common Stock	(Note J)	(Line 102 / Line 113) (Line 103 / Line 114) Fixed	0.0394 0.0000 0.1040
123 124 125	Weighted Cost of Debt Weighted Cost of Preferred Weighted Cost of Common Rate of Return on Rate Base ( ROR )	Total Long Term Debt (WCLTD) Preferred Stock Common Stock		(Line 117 * Line 120) (Line 118 * Line 121) (Line 119 * Line 122)	0.0179 0.0000 0.0566
				(Sum Lines 123 to 125)	0.0745
	Investment Return = Rate Base * Rate of Return			(Line 65 * Line 126)	791,960,723
128 129 130 131 132	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite P T T / (1-T)	(percent of federal income tax deductible for state purposes T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)) =	(Note I) (Note I)	Attachment 5 Per State Tax Code	21.00% 9.00% 0.00% 28.11% 39.10%
133 134 135 136	ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission		(Note O)	Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)	-525,189 139.10% 62.83% -458,997
137 138 139	State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credit Adjustment		(Note O)	Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)	139.10% 0
140 141 142 143 144	Deficient/Excess Deferred Taxes Amortization Amortized Deficient Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1) Total 1/(1-T) Deficient/Excess Deferred Taxes Allocated to Transmission	enter negative	(Note S & V) (Note T & V)	(Line 140 + Line 141) 1 / (1 - Line 131) (Line 142 * Line 143)	-3,054,643 -3,054,643 139.10% -4,249,051
145 146 147	AFUDC Equity Permanent Difference Tax Effect of AFUDC Equity Permanent Difference 1/(1-T) AFUDC Equity Permanent Difference Tax Adjustment		(Note U)	1 / (1 - Line 131) (Line 145 <sup>-</sup> Line 146)	1,521,949 139.10% 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
Reve	nue Requirement				
150 151 152	Summary Net Property, Plant & Equipment Total Adjustment to Rate Base Rate Base			(Line 48) (Line 64) (Line 65)	13,227,750,449 -2,603,914,587 <b>10,623,835,863</b>
153 154 155 156 157	Total Transmission O&M Total Transmission Depreciation & Amortization Taxes Other than Income Investment Return Income Taxes			(Line 87) (Line 99) (Line 101) (Line 127) (Line 149)	136,553,898 338,116,242 14,144,611 791,960,723 232,547,718

158	Gross Revenue Requirement		(Sum Lines 153 to 157)	1,513,323,191
	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities		# · · · · · · · · · · · · · · · · · · ·	44.070.007.050
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 zor	nes	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
	N. 17 10 1 D.			
184	Network Zonal Service Rate 1 CP Peak	(Note L)	Attachment 5	9.557.3
185	Rate (\$/MW-Year)	(140to L)	(Line 183 / 184)	159,013.30
100	I/aic /minia- I cai /		(Line 100 / 104)	135,013.30
186	Network Service Rate (\$/MW/Year)		(Line 185)	159,013.30

### 186 Network Service Rate (\$/MW/Year)

- 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
- 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

Page 1 of 3

Page 2 of 3

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

	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Total ADIT
ADIT- 282 (Not Subject to Proration)	(711,426,851)	0	(4,633,723)	0	From Acct. 282 (Not Subject to Proration) total, below
ADIT-283	0	(2,924,517)	0	0	From Acct. 283 total, below
ADIT-190	0	0	0	2,554,532	From Acct. 190 total, below
Subtotal	(711,426,851)	(2,924,517)	(4,633,723)	2,554,532	
Wages & Salary Allocator			18.5000%		
Net Plant Allocator		62.8294%			
Multi-Factor A&G Expense Allocator				30.3298%	
End of Year ADIT	(711,426,851)	(1,837,457)	(857,239)	774,784	(713,346,762)
End of Previous Year ADIT (from Sheet 1A-ADIT)	(647,342,821)	(2,527,246)	(868,443)	850,624	(649,887,886)
Average Beginning and End of Year ADIT	(679,384,836)	(2,182,351)	(862,841)	812,704	(681,617,324)
ADIT- 282 (Subject to Proration)	(1,324,708,263)	0	(2,829,151)	0	(1,327,537,414) From Acct. 282 (Subject to Proration) total, below
Total Accumulated Deferred Income Taxes					(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	D Only	E	F	G	н
ADIT-190	70.0	Or Other Related	Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
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:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 6. 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	В	С	D	E	F	G	н
ADIT- 282 (Not 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)	(319,548,659)	0	(319,548,659)	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)		0	(4.633.723)		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)		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)	(2)	932,701,969)	(216,641,395)	(711,426,851)	0	(4,633,723)	0	
			•		_	-	•	
A ADIT- 282 (Subject to Proration)	B Total		Gas, Prod Or Other Related	Only Transmission Related	E Plant Related	Labor Related	A&G Expense Related	H Justification
					Nonted			For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT
Depreciation - Liberalized Depreciation (Federal)	(2,3	333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	0	associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Subtotal - ADIT- 282 (Subject to Proration)	(2,3	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)	(2,3	333,100,975)	(993,100,004)	(1,324,708,263)	0	(15,292,708)	0	

#### Instructions for Account 282:

- 1. 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
- 2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 3. ADIT items related only to Transmission are directly assigned to Column D
- 4. ADIT items related to Plant and not in Columns C & D are included in Column E
- 5. ADIT items related to labor and not in Columns C & D are included in Column F
- 6. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 7. 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

Page 3 of 3 Total Only Transmission Related Gas. Prod ADIT- 283 Or Other Labor A&G Expense Justification (40,719,248) New Jersey Corporation Business Tax (40,719,248 New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT (32,582,054 Accelerated Activity Plan Demand Side management and Associated Programs - Retail Related Additional Pension Deduction (111,662,750) (111,662,750) sociated with Pension Liability not in rates (2.924.517) (2.924.517 Loss on Reacquired Debt Tax deduction when reacquired, booked amortizes to expense (37,962,417) (37,962,417) Deferred Gain Deferred gain resulted from 2000 deregulation step up basis (1,441,487) Environmental Cleanup Costs (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) eceipt 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 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) 0 Unrealized gains and losses on equity security investments Service Company Charge Out (2,222,884) (2,222,884) 0 Allocable share of the Service Company tax reform adjustment Miscellaneous (1,086,941) (1,086,941) 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 (448,773,168) (359.731.067) (89.042.101) Subtotal - p277 Less FASB 109 Above if not separately removed (86,117,584 Less FASB 106 Above if not separately removed (362,655,584) (359,731,067) (2,924,517)

#### Instructions for Account 283:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column  $\ensuremath{\mathsf{D}}$
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 6. 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

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### 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		Page 1 of 3
ADIT- 282 (Not Subject to Proration) ADIT-283 ADIT-190 Subtotal Wages & Salary Allocator Met Plant Allocator Multi-Factor A&G Expense Allocator End of Year ADIT	(647,342,821) 0 0 (647,342,821)	0 (4,022,394) 0 (4,022,394) 62,8294% (2,527,246)	(4,694,285) 0 0 (4,694,285) 18.5000% (868,443)	0 0 2,804,582 2,804,582 30.3298% 850,624		From Acct. 282 (Not Subject to Proration) total, below From Acct. 283 total, below From Acct. 190 total, below	

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.

	• •						
A	В	С	D	E	F	G	н
ADIT-190	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
Vacation Pay	573,742	0	0	0	0		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:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 6. 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

A	B Total	C Gas, Prod	D Only	E	F	G	н
ADIT- 282 (Not Subject to Proration)		Or Other Related	Transmission Related	Plant Related	Labor Related	A&G Expense Related	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 C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(560,623,066)	(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 C 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)	o	
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	

ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other	Only Transmission	Plant	Labor Related	A&G Expense	Justification
		Related	Related	Related	Related	Related	
							For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets, column F represents ADIT
Depreciation - Liberalized Depreciation (Federal)	(2,255,834,796)	(941,897,011)	(1,298,617,023)	0	(15,320,762)	0	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:

- 1. 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
- 2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 3. ADIT items related only to Transmission are directly assigned to Column D
- 4. ADIT items related to Plant and not in Columns C & D are included in Column E
- 5. ADIT items related to labor and not in Columns C & D are included in Column F
- 6. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 7. 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

Page 3 of 3 Ε G Gas, Prod Or Other Only Transmission ADIT. 283 Plant Lahor A&G Expense Related Related New Jersey Corporation Business Tax (35,648,601 (35,648,601 New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT (27,527,187 Accelerated Activity Plan (27 527 187) Demand Side management and Associated Programs - Retail Related Additional Pension Deduction (105,183,661) (105,183,661) Associated with Pension Liability not in rates Loss on Reacquired Debt (4,022,394) (4,022,394) 0 Tax deduction when reacquired, booked amortizes to expense Deferred Gain (38,328,713) (38,328,713) 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 (58,768,714) (58.768.714) Casualty Loss Receipt of casualty proceeds which is taxed via future depreciation (61,880,151 Clause (61,880,151 0 The difference between the book over/(under) recovery vs tax realization event Investment in NJ Properties (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) 0 BPU's assessment that were incurred and deducted in the current year based on all events test (1,743,751) (1,743,751) 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 (1.496.119 Miscellaneous (1.496.119) Miscellaneous Tax Adjustments Accounting for Income Taxes (FAS109) - Federal (86,245,446) (86,245,446) FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation (430,494,187) (340,226,347) (90,267,840) Subtotal - p277 Less FASB 109 Above if not separately removed (86,245,446) (86,245,446) Less FASB 106 Above if not separately removed (344,248,741) (340,226,347) (4,022,394) Total

Instructions for Account 283:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- 6. 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

Oth	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount
	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	s & Salary Alloca	ator
3	FICA	14,983,585		
4	Federal Unemployment Tax	83,242		
5	New Jersey Unemployment Tax	624,316		
6 7	New Jersey Workforce Development	312,158		
8	Total Labor Related	16,003,301	18.5000%	2,960,611
	Other Included	A).	4 Dlant Allacator	
	Other Included	Ne	t 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			
	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  1 Late Payment Penalties Allocated to Transmission	0	Page #'s & Instructions 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 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) 6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner 7 Professional Services (Note 2) 8 Revenues from Directly Assigned Transmission Facility Charges (Note 1) 9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)	4,700,000 12,000,000 50,000 7,342,216 4,833,125	Company Records Company Records Company Records Company Records Company Records Company Records
10 Gross Revenue Credits (Sum Lin		. , , , ,
11 Less line 18 12 Total Revenue Credits - line 18 line 10 +	(0,0.0,.0.)	
13. Revenues associated with lines 2, 7, and 9 (Note 2). 14. Income Taxes associated with revenues in line 13. 15. One half margin (line 13 - line 14)/2. 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.	5,636,085 1,584,303 2,025,891	
17 Line 15 plus line 16 18 Line 13 less line 17	2,025,891 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). PSEAG will retain 50% of net revenues consistent with <u>Pacific Gas and Electric Company</u>, 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

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

Long Term Interest	IIII C	alculation			
Long Term Interest				Appendix A Line or Source Reference	
Proterred Dividends	ı	Rate Base		(Line 48 + Line 64)	10,623,835,
Common Block   Atlantment 5   11,45,000,	2	Long Term Interest		p117.62.c through 67.c	375,469,
Proprietary Capital   Attachment   112.55	3	Preferred Dividends	enter positive	p118.29.d	
Less Accommunicated Orther Comprehensive Income Account 219   Line 1104   Li					
Less Preferent Stock	4				
Leas Account 261					381,
Common Stock	3				
Capitalization					
Long Term Detkt				(Elle fet fee fee fet)	,
				Attachment 5	9.583.380
Piss: Galin on Reacquired Debt					
Less: ADIT associated with Gain or Less   Attachment 5   501					10, 120
Total Long Term Debt					601
Preferred Stock					
Common Stock	4				
Total Capitalization   (Sum Lines 113 to 115)   20,982,761					11,445,411
Preferred Stock	6				
Preferred %   Common		Doht %	Total Long Torm Dobt	(Line 109 / (Line 109 + 114 + 115))	45
Common %			Preferred Stock	(Line 109 / (Line 109 + 114 + 115))	
Preferred Cost   Preferred Stock   Clune 103 / Line 114    O.C   Common Cost   Clune 103 / Line 114    O.C   Common Cost   Clune 103 / Line 114    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   O.C   Common Cost   Clune 118 - Line 121    O.C					
Preferred Cost   Preferred Stock   Clune 103 / Line 114    O.C   Common Cost   Clune 103 / Line 114    O.C   Common Cost   Clune 103 / Line 114    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 117 - Line 120    O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   Common Cost   Clune 118 - Line 121    O.C   O.C   O.C   Common Cost   Clune 118 - Line 121    O.C		Data Occident	Tataliana Tana Bala	(1) - 100 (1) - 110	0.4
Common Cost			Total Long Term Debt		
Weighted Cost of Debt   Total Long Term Debt (WCLTD)   (Line 117 * Line 120)   0.0 ( Weighted Cost of Preferred   Preferred Stock   (Line 118 * Line 121)   0.0 (					
Weighted Cost of Preferred Stock   Line 18* Line 121)   .0.0     Weighted Cost of Common	-				0.
Weighted Cost of Common   Common Stock   Line 119* Line 129*   Deficient/Excess Deferred Taxes Allocated to Transmission   Common Stock   Line 130* Line 129*   Deficient/Excess Deferred Taxes Allocated to Transmission   Common Stock   Cline 130* Line 130*   Cline 130* Line 130*   Cline 130* Line 130*   Cline 140* Line 140*   Cline 140* Line 140*   Cline 140* Line 140*   Cline 140* Line 140*   Cline 145* Line 146*   Cline 145* Line 146* Line 141* Line 140* Line 141* Line 140* Line 141* Line 140* Line 141* Line 140* Lin					
Rate of Return on Rate Base ( ROR )   (Sum Lines 123 to 125)   0.0				(Line 118 * Line 121)	
			Common Stock		
Income Tax Rates					
FIT=Federial Income Tax Rate   21.0     SIT=State Income Tax Rate or Composite   9.0     SIT=State Income Tax Rate or Composite   9.0     D	7	Investment Return = Rate Base * Rate of Return		(Line 65 * Line 126)	849,783,
SIT=State Income Tax Rate or Composite   9.0   0   p = percent of federal income tax deductible for state purposes   Per State Tax Code   0.0   T	7 npos			(Line 65 * Line 126)	849,783,
SIT=State Income Tax Rate or Composite   Per State Tax Code   O.	7 Ipos	te Income Taxes		(Line 65 * Line 126)	849,783,
T	pos	te Income Taxes Income Tax Rates		(Line 65 * Line 126)	
T	pos	te Income Taxes  Income Tax Rates  FIT=Federal Income Tax Rate		(Line 65 * Line 126)	21.0
CT = T / (1-T)   39	pos	Income Taxes Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite			21.l 9.l
TC Adjustment	pos 3 9	Income Taxes  Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes	-		21. 9. 0.
Amortized Investment Tax Credit  Amortized Investment Tax Credit  Amortized Investment Tax Credit  Amortized Excess Deferred Taxes (Account 410.1)  Amortized Excess Deferred Taxes (Account 411.1)  Amortized Excess Deferred Taxes Allocated to Transmission  Deficient/Excess Deferred Taxes (Account 411.1)  Amortized Excess Deferred Taxes (Account 411.1)  Amortized Excess Deferred Taxes Allocated to Transmission  Affulc Equity Permanent Difference  Tax Effect of AF UDC Equity Permanent Difference  Tax Effect of AF UDC Equity Permanent Difference Tax Adjustment  Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = 257,748	pos 3 9	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT)*(1 - SIT*FIT*p)}-	=		21. 9. 0. 28.
1/(1 - Line 131)   1.93,   Net Plant Allocation Factor   (Line 18)   62.82     Tic Adjustment Allocated to Transmission   (Line 133 * Line 134 * Line 135)   -4588     State and Local Tax Credits	oos	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T  CIT = T / (1-T) / (1 - SIT * FIT * p)):	=		21. 9. 0. 28. 39.
Net Plant Allocation Factor   (Line 18)   62.82   TC Adjustment Allocated to Transmission   (Line 133 * Line 134 * Line 135)   4-458	pos 3 9 0 1	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T	=		21. 9. 0. 28. 39.
State and Local Tax Credits   State and Local Tax Credits   Attachment 5   1/(1-1)   1/(1-Line 131)   139.	pos 3 9 9	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T  CIT = T / (1-T)  1 / (1-T)  ITC Adjustment	=	Per State Tax Code  Attachment 5	21.1 9. 0.1 28. 39. 139.
State and Local Tax Credits   State and Local Tax Credits   1/(1-1)	pos 3 3 3 3 3 3 3 4 5	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T	=	Per State Tax Code  Attachment 5	21.1 9.1 0.0 28. 39. 139.
State and Local Tax Credits	pos	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18)	211. 9. 0. 28. 39. 139. -525 139. 62.82
1/(1-Time   11/(1-Line   131)   139:	pos 3 3 9 9 9 9 9 9 9	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18)	21.1 9.1 0.1 28. 39. 139. -525 139. 62.82
State and Local Tax Credit Adjustment   (Line 137 * Line 138)     Deficient/Excess Deferred Taxes Amortization   (Line 140     Amortized Excess Deferred Taxes (Account 410.1)   (Line 141)   -3,054     Total	8 9 0 1 2 3 4 5 6	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}: CIT = T / (1-T) 1 / (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18)	21.0 9.0 0.0 28. 39. 139. -525 139. 62.82
Deficient/Excess Deferred Taxes Amortization	8 9 0 1 1 2 3 4 5 6 6	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}: 1/ (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)	21.0 9.0 0.0 28. 39. 139. -525 139. 62.82
Amortized Deficient Deferred Taxes (Account 410.1)   (Line 140)	B 9 00 11 22 33 44 55 66 77 B 9 9	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 13) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131)	21.1 9.0 0.0 28.3 39.1 139. -525, 139. 62.829
Amortized Excess Deferred Taxes (Account 411.1)   -3,054     Total   (Line 141)   -3,054     4	8 9 0 1 2 3 4 5 6 6 7 8 9	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 13) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131)	21.1 9.0 0.0 28.3 39.1 139. -525, 139. 62.829
Total   (Line 140 + Line 141)   -3,054   1/(1-T)   1/(1-Line 131)   139.	B 9 00 11 22 33 44 55 66 77 B 9 9	Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}- 1/(1-T) 1/(1-T) TC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits 1/(1-T)	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 13) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131)	21.1 9.1 0.0 28.3 39.139.1 139.62.62
1/(1-T)	B 9 0 1 1 2 2 3 3 4 5 6 6 7 7 8 9 0 0 1	Income Taxes  Income Tax Rates FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}- 1/(1-T) 1/(1-T) 1/(1-T) 1/(1-T) Not Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits 1/(1-T) State and Local Tax Credits Amortized Deficient Deferred Taxes (Account 410.1)	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 13) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)	21.1 9.1 0.1 28.3 39.1 139.1 -525 139.6 2.82*
AFUDC Equity Permanent Difference  Tax Effect of AFUDC Equity Permanent Difference  Tax Effect of AFUDC Equity Permanent Difference  AFUDC Equity Permanent Difference  (Line 145)  1,521  1/(1-1)  1/(1-Line 131)  139.  AFUDC Equity Permanent Difference Tax Adjustment  (Line 145 * Line 146)  2,117.  Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = 257,748.	B 9 0 1 1 2 3 3 4 5 6 6 7 7 8 9 0 0 1 1 2 2	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T	=	Attachment 5 1 / (1 - Line 131) (Line 13) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141)	21. 9. 0.1 28. 39. 139. -525. 139. 62.822 -458,
AFUDC Equity Permanent Difference Tax Effect of AFUDC Equity Permanent Difference Tax Adjustment Tive Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = CFT-(T/1-T) * Investment Re	pos 3 3 9 1 1 2 3 3 4 5 6 7 7	Income Tax Rates  FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}: CIT = T / (1-T) 1 / (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits Officient/Excess Deferred Taxes Amortization Amortized Deficient Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1) Total	=	Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141) (Line 141) (Line 141)	21.1 9.1 0.1 28.3 39. 139. -525 139. 62.825 -458, 139.
Tax Effect of AFUDC Equity Permanent Difference	pos 3 9 9 9 1 2 2 3 3 9 9 9 9 1 2 2 3 4 1	Income Tax Rates  FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141) (Line 140 + Line 141) 1 / (1 - Line 131)	21.1 9.1 0.1 28.3 39.1 139. -525 139. 62.62 -458 139.
1/(1-T)	pos 3 9 9 9 1 2 2 3 3 9 9 9 9 1 2 2 3 4 1	Income Tax Rates  FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141) (Line 140 + Line 141) 1 / (1 - Line 131)	21.1 9.1 0.1 28.3 39.1 139. -525 139. 62.62 -458 139.
AFUDC Equity Permanent Difference Tax Adjustment (Line 145 * Line 146 ) 2,117  Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = 257,748	pos 3 9 9 9 1 2 2 3 3 9 9 9 9 1 2 2 3 4 1	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T  T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}-  ITC Adjustment  Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits 4/(1-T) State and Local Tax Credits 1/(1-T) State and Local Tax Credits 1/(1-T) Total 1/(1-T) Deficient/Excess Deferred Taxes (Account 410.1) Amortized Deficient Deferred Taxes (Account 411.1) Total 1/(1-T) Deficient/Excess Deferred Taxes Deferred Taxes Allocated to Transmission		Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141) (Line 140 + Line 141) 1 / (1 - Line 131)	21.1 9.1 0.1 28.3 39.1 139. -525 139. 62.62 -458 139.
2 Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) = 257,748,	pos 3 9 9 1 1 2 2 3 4 4 5 6 6 7 7 8 9 9 9 9 1 1 2 2 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT)*(1 - FIT)] / (1 - SIT*FIT*p)}.  ICT = T / (1-T) 1 / (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits 1/(1-T) State and Local Tax Credits Adjustment  Deficient/Excess Deferred Taxes Amortization Amortized Deficient Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1) Total 1/(1-T) Deficient/Excess Deferred Taxes Allocated to Transmission  AFUDC Equity Permanent Difference Tax Effect of AFUDC Equity Permanent Difference	=	Attachment 5 1 / (1 - Line 131) (Line 18) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 137 * Line 138)  (Line 140) (Line 141) (Line 141) (Line 141) (Line 142 * Line 143) (Line 142 * Line 143)	21.4 9.0 0.0 28.3 39.1 139.1 -525, 139.9 -458, 139.1 -3.054, -
	pos 3 9 9 9 1 1 2 3 3 4 4 5 5 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T  T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}- 1/(1-T) 1/(1	=	Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 140) (Line 140) (Line 140) (Line 140 + Line 141) 1 / (1 - Line 131) (Line 142 * Line 143)  (Line 145) 1 / (1 - Line 131)	21.4 9.0 0.0 28.3 39.1 139.1 -525, 139.1 62.825 -458, 139.1 -3.054, -3.054, -3.054, -4.249,
Tatal Jacome Tayon	89011233 45667 8900 123345 667	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite  p = percent of federal income tax deductible for state purposes  T  T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)}- 1/(1-T) 1/(1		Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 140) (Line 140) (Line 140) (Line 140 + Line 141) 1 / (1 - Line 131) (Line 142 * Line 143)  (Line 145) 1 / (1 - Line 131)	21.0 9.0 0.0 28.1 39.1 139.1 -525, 139.1 62.829 -458, 139.1 -3,054, -3,054, -3,054, -4,249,
	pos 3 3 9 1 1 2 2 3 3 4 4 5 6 6 7 7 3 4 4 5 6 7 7 3	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT)*(1 - FIT)] / (1 - SIT*FIT*p)}:  CIT = T / (1-T) 1 / (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits 4/(1-T) State and Local Tax Credits 1/(1-T) Total 1/(1-T) Deficient/Excess Deferred Taxes Amortization Amortized Excess Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1) Total 1/(1-T) Deficient/Excess Deferred Taxes Allocated to Transmission  AFUDC Equity Permanent Difference Tax Effect of AFUDC Equity Permanent Difference 1/(1-T) AFUDC Equity Permanent Difference Tax Adjustment		Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 140) (Line 140) (Line 140) (Line 140 + Line 141) 1 / (1 - Line 131) (Line 142 * Line 143)  (Line 145) 1 / (1 - Line 131)	21.4 9.0 0.1 28.3 39.1 139.1 -525, 139.1 -4,249, 1,521, 139.1 1,521, 139.2 2,117,
	77 100 100 100 100 100 100 100 100 100 1	Income Tax Rates  FIT=Federal Income Tax Rate  SIT=State Income Tax Rate or Composite p = percent of federal income tax deductible for state purposes T T=1 - {[(1 - SIT)*(1 - FIT)] / (1 - SIT*FIT*p)}:  CIT = T / (1-T) 1 / (1-T)  ITC Adjustment Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission  State and Local Tax Credits State and Local Tax Credits 1/(1-T) State and Local Tax Credits 4/(1-T) State and Local Tax Credits 1/(1-T) Total 1/(1-T) Deficient/Excess Deferred Taxes Amortization Amortized Excess Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1) Total 1/(1-T) Deficient/Excess Deferred Taxes Allocated to Transmission  AFUDC Equity Permanent Difference Tax Effect of AFUDC Equity Permanent Difference 1/(1-T) AFUDC Equity Permanent Difference Tax Adjustment		Per State Tax Code  Attachment 5 1 / (1 - Line 131) (Line 18) (Line 133 * Line 134 * Line 135)  Attachment 5 1 / (1 - Line 131) (Line 140) (Line 140) (Line 140) (Line 140 + Line 141) 1 / (1 - Line 131) (Line 142 * Line 143)  (Line 145) 1 / (1 - Line 131)	21.0 9.0 0.0. 28.1 39.1 139.1 -525, 139.1 -458, 139.1 -3,054, 139.1 -4,249, 1,521, 139.1 2,117,

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support

Page 1 of 3 Electric / Non-electric Cost Support Current Year - 2021 Page #'s & Instruction Descriptions
Plant Allocation Factors a Total Electric Plant In Service b Asset Retirement Cost for Transmission Plant p207.104.g 24,707,278,6 24,793,222,958 24,912,319,494 25,005,746,217 25,176,444,974 25,357,063,521 25,591,010,508 25,638,726,661 25,724,351,502 26,012,687,955 26,216,767,299 26,328,541,863 26,616,032,20 (Note B) (Note B) 7,830,636 3,115,338 71,004,263 871,866 p207.57.g 7.830.63 7.830,636 7.830,636 7,830,636 3,115,338 71,004,263 7.830.636 7.830,636 7.830.636 7.830.636 7,830,636 7.830.636 7,830,636 7.830.63 p207.57.g p207.44.g p207.74.g p207.98.g (a - b - c - d - e) p356 p219.29.c Asset Retirement Cost for Other Production
Asset Retirement Cost for Distribution Plant
Asset Retirement Cost for General Plant (Note B) (Note B) (Note B) 3,115,33 71,004,26 871,86 3,115,338 71,004,263 871,866 3,115,338 71,004,263 871,866 3,115,338 71,004,263 871,866 3,115,338 71,004,263 871,866 3,115,33 71,004,26 871.86 3,115,338 71,004,263 3,115,338 71,004,263 3.115.338 3,115,338 71,004,263 3,115,338 71,004,263 71,004,263 871,866 Asset Retirement Cost for General Plant
Total Electric Plant in Service (Less: Asset Retirement Costs)
Common Plant in Service - Electric
Accumulated Depreciation (Total Electric Plant) 871,866 24,829,497,391 221,018,348 4,393,856,994 871,866 24,922,924,114 221,040,055 4,426,160,379 25,093,622,871 234,767,210 4,459,885,702 25,274,241,418 243,942,260 4,494,108,841 871,866 25,508,188,405 250,617,756 4,530,054,778 871,866 25,555,904,558 255,666,760 4,566,792,270 871,866 26,133,945,196 273,159,312 4,662,802,050 871,866 26,245,719,760 278,377,702 4,694,027,029 26,533,210,099 286,380,293 4,721,428,295 25,641,529,399 24 624 456 53 24,710,400,855 25 929 865 852 25 461 808 189 222,613,5 4,328,085,2 221,820,366 4,361,411,057 266,622,666 4,631,475,526 248,986,792 4,528,496,566 260,802,063 4,600,367,198 (Note B & J) 5,867,426 50,207,593 71,399,650 7,040,328 51,730,565 75,973,624 10 11 12 Accumulated Intangible Amortization Accumulated Common Plant Depreciation - Electric (Note B) (Note B & J) p200.21.c 4,956,21 5,135,146 5,314,078 5,493,010 49,867,561 5,671,942 6,062,910 6,258,393 6,453,877 6,649,361 6,844,845 7,235,8 6,075,642 p356 p356 49,430,19 49.586.524 49.728.509 50.015.335 50,429,693 50,903,878 51,165,283 51,442,959 75,200,980 50.554.202 72,915,076 73,672,164 Accumulated Common Amortization - Electric (Note B) 68,022,54 68,644,248 69,262,739 69,878,018 70,639,592 72,158,144 74,429,408 76,785,3 72,229,346 Plant In Service 15,452,296,10 7,830,63 15,444,465,47 338,532,861 871,866 337,661,003 13,978,227 t In Service
Total Transmission Plant In Service
Asset Retirement Cost for Transmission Plant
Transmission Plant in Service (Less: Asset Retirement Costs)
Total General Plant In Service
Asset Retirement Cost for General Plant 14,101,819,444 7,830,636 14,093,988,808 339,156,996 871,866 14,191,574,777 7,830,636 14,183,744,141 338,313,789 871,866 14,261,896,110 7,830,636 14,254,065,474 337,398,202 871,866 14,410,477,443 7,830,636 14,402,646,807 336,503,773 871,866 14,550,812,776 7,830,636 14,542,982,140 336,985,687 871,866 14,724,565,109 7,830,636 14,716,734,473 338,300,534 871,866 14,745,563,442 7,830,636 14,737,732,806 338,271,330 871,866 14,799,594,775 7,830,636 14,791,764,139 337,929,219 871,866 15,060,033,108 7,830,636 15,052,202,472 337,634,991 871,866 15,222,951,441 7,830,636 15,215,120,805 337,364,148 871,866 15,238,082,774 7,830,636 15,230,252,138 337,223,589 871,866 p207.58.g p207.57.g (f - g) p207.99.g p207.98.g 14.056.003.11 7,830,636 14,048,172,475 339,520,264 871,866 24 14,670,297,858 (Note B) 338,285,130 12,588,291 337,441,923 12,588,291 General Plant in Service (Less: Asset Retirement Costs) 338,648,398 12,588,291 336,526,336 12,588,291 335,631,907 12,588,291 336,113,821 13,978,227 337,428,668 337,399,464 13,978,227 337,057,353 13,978,227 336,763,125 13,978,227 336,492,282 13,978,227 336,351,723 13,978,227 337,061,626 (h - i) p205.5.g (Note B) Intangible - Electric 13.978.227 13,443,636 Common Plant in Service - Electric (Note B) p356 222,613,51 221.820.366 221.018.348 221.040.055 234,767,210 243.942.260 250,617,756 255,666,760 260.802.063 266,622,666 273,159,312 278,377,702 286,380,29 248.986.792 General Plant Account 397 -- Communications Common Plant Account 397 -- Communications Account No. 397 Directly Assigned to Transmission (Note B) (Note B) (Note B) p207.94.g p356 Company Records 11,012,96 39,413,49 5,930,23 10,970,394 39,413,491 5,933,686 10,927,821 39,413,491 5,937,135 10,885,248 39,413,491 5,940,585 10,842,675 39,413,491 5,944,034 10,800,102 43,435,641 5,947,483 10,714,957 43,435,641 5,954,381 10,672,384 43,435,641 5,957,830 10,629,811 10,587,238 43,435,641 5,964,729 10,544,665 43,435,641 5,968,178 10,502,09 43,435,64 10,757,529 41,888,660 43,435,641 5,950,932 5,950,932 Accumulated Depreciation Transmission Accumulated Depreciation
Accumulated General Depreciation
Accumulated Common Plant Depreciation & Amortization - Electric 1,391,207,305 145,679,387 114,042,219 1,606,538,238 117,381,127 123,515,635 1,501,111,598 131,531,418 118,594,995 (Note B & J) (Note B & J) (Note B & J) p219.28.b p356 134,354,388 117,418,689 148,497,394 113,264,187 142,855,392 114,802,695 140,024,912 115,557,026 137,188,092 116,466,374 131,529,524 118,399,284 128,704,265 119,388,423 125,876,460 120,387,489 123,046,440 121,406,138 120,214,364 122,455,386 114,556,69 124,631,31 Accumulated General Depreciation Associated with Acct. 397 (Note B & J) Company Records 22 252 2 22 548 340 22 844 028 23 139 361 23 434 340 23 762 482 24 090 268 24 417 701 24 744 778 25 071 501 25 397 868 25 723 882 26 049 5 24 113 568 Acc. Deprec. Acct. 397 Directly Assigned to Transmission 5,653,475 5,616,857

#### Wages & Salary

Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
2	Total Wage Expense	(Note O) p354.28.b	208,105,351
3	Total Wage Expense Total A&G Wages Expense	(Note O) p354.27.b	6,000,000
1	Transmission Wages	(Note O) p354.27.b (Note O) p354.27.b (Note O) p354.21.b	208,105,351 6,000,000 37,389,400

Transmission / Non-transmission Cost Support

			beginning rear		
Line #s Descriptions	Notes	Page #'s & Instructions	Balance	End of Year	Average
Plant Held fo	r Future Use (Including Land) (Note C & Q)	p214.47.d	20,771,176	21,982,176	21,376,676
55 Transmi	ssion Only		20,275,999	21,486,999	20,881,499

Prepayments

				Electric Beginning	Electric End of		wage & Salary	
ine #s	Descriptions	Notes Page #'s & Instructions	Previous Year	Year Balance	Year Balance	Average Balance	Allocator	To Line 56
	Prepayments							
EC	Prepayments	(Note A & Q) p111.57.c	10 315 413	2 527 014	2.527.014	2,527,014	18.500%	467,498
30	Frepayments	(Note Nava) Printing	10,010,410	2,027,014	2,027,014	2,327,014	10.30076	407,450

Materials and Supplies

			Beginning Year		
Line #s	Descriptions	Notes Page #'s & Instructions	Balance	End of Year	Average
	Materials and Supplies				
57 60	Undistributed Stores Exp Transmission Materials & Supplies	(Note Q) p227.16.b.c (Note Q) p227.5.b,c (totnote) & p227.8.b,c	0 68,400,000	73,188,000	0 70,794,000

Outstanding Network Credits Cost Support

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

O&M Expenses

				-
Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
66	Transmission O&M	(Note O)	p321.112.b	123,700,000
67	Transmission of Electricity by Others Account 565	(Note O)	p321.96.b	0
ā	Distribution Expenses	(Note O)	p321.156.b	135,836,304 262,673,427 301,150,221 547,190 700,207,142
t	Customer Accounts Expenses	(Note O)	p221-f64b p221-171b	262,673,427
		(Note O)	p321.171.b	301,150,221
		(Note O)	p321.178.b	547,190
20	Total Distribution O&M		(a+b+c+d)	700,207,142

Property Insurance Expenses

Line #s Descriptions	Notes Page #'s & Instructions	End of Year

Page 3 of 3

72 Property Insurance Account 924 (Note O) p323.185.b Adjustments to A & G Expense Notes Page #'s & Instructions End of Year Total A&G Expenses (Note O) p323.197.b 48,276,942 Actual PBOP expense Actual PBOP expense -42,325,481 -42,325,481 (Note J) Company Records (Note O) Company Records

Regulatory Expense Related to Transmission Cost Support

936
000

General & Common Expenses

75	EPRI Dues	(Note D & O) p352-353	0
Safety Related	dvertising Cost Support		Non-cafety

Line #s	Descriptions	Notes Page #'s & Instructions	End of Year	Safety Related	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	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

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) p336.1.f		16,484,348 595,266
97	Transmission Depreciation Expense for Acct. 397	(Note J & O) Company Records		595,266

Direct Assign	ment of Transmission Real Estate Taxes								
				Transmission	Non-				
Line #s	Descriptions Notes	Page #'s & Instructions	End of Year	Related	Transmission				
100	Real Estate Taxes - Directly Assigned to Transmission	p263.33.i	25,030,000	11,184,000	13.846.000				
DCC 8 C	DSER/Or and cetate touse detail is in an accessed database, which combine a list of the touse DSER/Or and cetate to which combine a list of the touse DSER/OR and cetate to which combine a list of the touse DSER/OR and cetate to which cetate to wh								

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

Notes Page #'s & Instructions

Line #8	Descriptions	Notes	Fage #5 & Illatitutions	2010 Eliu oi Teal	2019 Elliu oli Teal	Average
104	Proprietary Capital	(Note P)	p112.16.c,d	10,948,602,528	11,943,377,961	11,445,990,245
105	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.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=State Income Tax Rate or Composite	(Note I)	NJ 9.00%		

Amortized Investment Tax Credit

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

State and Local Tax Credits

Attachment 9 Revised PSE&G 2021 NITS

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Allocators	Transmission Related
137	Plant-related		Tax Return, enter negative Tax Return, enter negative Tax Return, enter negative	0 0 0	18.509 62.839 100.009	6 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	C	0	0

#### Interest on Outstanding Network Credits Cost Support

L	ine #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

L	ine #s	Descriptions	Notes Page #'s & instructions	End of Year
		Revenue Requirement		
	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
	Beginning Balance of Unamortized Transmission Plant     Amortization Period (Months)     Monthly Amortization	Per FERC Order Per FERC Order (line a / line b)			
89	d Months in Year to be Amortized 9 e Amortization in Rate Year (Note R)	) (c * d)	-	-	
54	f Beginning of Year Balance of Unamortized Transmission Plant g End of Year Balance of Unamortized Transmission Plant h Average Balance of Unamortized Abandoned Transmission Plant (Note R)	(f - e) ) (f + g)/2		-	-

#### Unfunded Reserves

Line #s	List of all reserves:	BOY Balance	EOY Balance	Average Balance	or reserved	included in the formula rate, enter zero (0) if the accrual account is NOT included in the formula rate	percentage paid	Allocation	Amount Allocated
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = (d x e x f x g x h))
	Injuries and Damages	(5,036,354)	(5,533,820)	(5,285,087)	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%	30.33%	(40,074)
	Worker's Compensation (Transmission)	(2,530,393)	(2,605,079)	(2,567,736)	1.00	1.00	100%	100.00%	(2,567,736)
	SERP and Deferred Compensation	14,188,813	10,178,502	12,183,658	0.00	1.00	100%	30.33%	0
	Annual Incentive Plan (A&G)	(369,157)	(364,032)	(366,595)	1.00	1.00	100%	30.33%	(111,187)
	Annual Incentive Plan (Transmission)	(7,174,157)	(7,074,550)	(7,124,354)	1.00	1.00	100%	100.00%	(7,124,354)
	Vacation Accruals	(928,236)	(928,236)	(928,236)	1.00	1.00	100%	100.00%	(928,236)
	Environmental Reserves	(1,548,500)	(1,194,000)	(1,371,250)	1.00	1.00	100%	100.00%	(1,371,250)
				0					0
62	Total	(3,528,189)	(7,655,263)	(5,591,726)					(13,745,792)

Notes:

is:
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 be 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 Co. (f) will be the same allocator used in the formula for the cost accruals to the account that is recovered under the Formula Rate; also reserves can be created by an orbit of better bands to the cost accruals to the account, table that the recovered under the Formula Rate; also reserves can be created by an orbit of better bands to the control to the decided from rate bases should exclude the portion offset by another balance sheet account.

Unfunded Reserve amounts in Col. (b) and (c) 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
\$1,191,163,080

Projection Revenue Requirement For Year 2019 \$1,167,126,032 True-up Adjustment -(Over)/Under Recovery \$24,037,048

True-up Year: 2019
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)/Surcharge and Interest - End o Month
Calculation of Interest								
True-Up Year								
/1/2019	2,003,087	-		-	0.440%	-		2,003,08
2/1/2019	2,003,087	2,003,087		2,003,087	0.400%	8,012		4,014,18
3/1/2019	2,003,087	4,006,175		4,006,175	0.440%	17,627		6,034,90
/1/2019	2,003,087	6,009,262	25,640	6,034,901	0.450%	27,157		8,065,14
/1/2019	2,003,087	8,012,349	25,640	8,037,989	0.460%	36,975		10,105,20
/1/2019	2,003,087	10,015,437	25,640	10,041,076	0.450%	45,185		12,153,48
/1/2019	2,003,087	12,018,524	134,956	12,153,480	0.470%	57,121		14,213,68
/1/2019	2,003,087	14,021,611	134,956	14,156,567	0.470%	66,536		16,283,31
/1/2019	2,003,087	16,024,699	134,956	16,159,655	0.450%	72,718		18,359,11
0/1/2019	2,003,087	18,027,786	331,332	18,359,118	0.460%	84,452		20,446,65
1/1/2019	2,003,087	20,030,873	331,332	20,362,205	0.450%	91,630		22,541,37
2/1/2019	2,003,087	22,033,961	331,332	22,365,292	0.460%	102,880		24,647,34
ntermediate Year								
/1/2020	-	24,037,048	610,294	24,647,342	0.420%	103,519		24,750,8
/1/2020	-	24,037,048	610,294	24,647,342	0.390%	96,125		24,846,9
/1/2020	-	24,037,048	610,294	24,647,342	0.420%	103,519		24,950,5
/1/2020	-	24,037,048	913,456	24,950,504	0.390%	97,307		25,047,8
/1/2020	-	24,037,048	913,456	24,950,504	0.400%	99,802		25,147,6
/1/2020	-	24,037,048	913,456	24,950,504	0.390%	97,307		25,244,9
/1/2020	-	24,037,048	1,207,872	25,244,920	0.290%	73,210		25,318,1
/1/2020	-	24,037,048	1,207,872	25,244,920	0.290%	73,210		25,391,3
/1/2020	-	24,037,048	1,207,872	25,244,920	0.280%	70,686		25,462,0
0/1/2020	-	24,037,048	1,424,979	25,462,027	0.280%	71,294		25,533,3
1/1/2020	-	24,037,048	1,424,979	25,462,027	0.270%	68,747		25,602,0
2/1/2020		24,037,048	1,424,979	25,462,027	0.280%	71,294		25,673,3
	nterest Amortized and Recovered Ov	rer 12 Months						
Rate Year								
/1/2021	-	24,037,048	1,636,313	25,673,361	0.342%	87,717	(2,187,257)	23,573,82
1/2021	-	24,037,048	1,636,313	23,573,821	0.342%	80,544	(2,187,257)	21,467,1
1/2021	-	24,037,048	1,636,313	21,467,108	0.342%	73,346	(2,187,257)	19,353,1
/1/2021	-	24,037,048	1,877,921	19,353,196	0.342%	66,123	(2,187,257)	17,232,0
/1/2021	-	24,037,048	1,877,921	17,232,062	0.342%	58,876	(2,187,257)	15,103,6
/1/2021	-	24,037,048	1,877,921	15,103,681	0.342%	51,604	(2,187,257)	12,968,0
/1/2021	-	24,037,048	2,054,524	12,968,028	0.342%	44,307	(2,187,257)	10,825,0
/1/2021	-	24,037,048	2,054,524	10,825,078	0.342%	36,986	(2,187,257)	8,674,8
/1/2021		24,037,048	2,054,524	8,674,806	0.342%	29,639	(2,187,257)	6,517,1
0/1/2021		24,037,048	2,165,457	6,517,188	0.342%	22,267	(2,187,257)	4,352,1
1/1/2021	-	24,037,048	2,165,457	4,352,197	0.342%	14,870	(2,187,257)	2,179,8
2/1/2021	-	24,037,048	2,165,457	2,179,810	0.342%	7,448	(2,187,257)	-
rue-Up Adjustment with Intere	st						26,247,089	
ess (Over)/Under Recovery							24,037,048	
otal 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 <a href="https://www.ferc.gov/interest-calculation-rates-and-methodology">https://www.ferc.gov/interest-calculation-rates-and-methodology</a>. 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	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%

AEP - SPP Formula Rate TCOS - WS N Page: 18 of 31

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  $\frac{1}{2} \frac{1}{2} \frac$ 

		Attachment 9 Revised PSE&G 2021 NITS
Public Berlin Elevino aurilia Company  Alimbrane 41. Prisinal Securita Ministrati and Decembrane Malinia Warbeiren  Alimbrane 41. Prisinal Securita Ministrati and Decembrane Malinia Warbeiren	Malia Berick Status and Ma Coppey  Materian SEA Princip Malia Annual Marian and Manual Information Services	Parkle for the Thirty and the Company Statement Lin Principles (Company) Statement Lin
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					New 500 W/hap at House Dwell	New 030/230 KV		Residend Eventions 20047	Pleasure Valley 2306/ contine	Metachen) 138 kill strouts to one 230	(Britain - Metuchen) 138 kV	(Ednon - Stehehen) 138 VV	Stendart) 138 W elevates to 200 W	Trembel 138 kV streets to 230 kV	(Brunswick - Trented) 138 kV	(Sweton - Burington 136 kg	(Swelet - Barleston) 138 N	Creation - Burdensterl 138.83	Burlington) 138 W/ simula to 200 W/	(Trenton - Burinston) 138 VV	(Translate) Budgestan) 138 kg	(Tweton - Burington 1384)	(Stanton - Burlington) (38 kg	Burdington) 138 KII strough to 230 W/	(Trenton: Budinster) 138.97	(Twetter - Burinston 1383y)
Costs Corner Lumberton 230k/	Ireial Consmaugh	Recordings Keanny Loop in	Enumbrus Structures Sar	SSC SAVE Resolve	Hope Deek		Warinance Cinden		Minutelial (Branching)	Whitesalk (Brunswick)		sinsults to one 230 Michaelt Planten	struck (Hunterglan :	Streets	sircula (Deuls	simula (Senten -		sincelly (Nami.for)		simula (Busilelon)		simula (Yandulla -			simults to 230 VV simults (Williams	sinsults to 230 kV sinsults (Busileton
(a CTET)	See SEITS	P2214 Chi (x1669)	New-ERV/ConT (4214E)	Hopelowing EDDKY (942752)	(42633.6)	230 KF subsidion (42K33-b)	97 230KFCInsult (62865)	Branshirung) 9-2106-12)	East/Remirigion) (9/2666.2 l.)	Measter Enel) (42455.1)	Read Pleasen Award (2005.2)	Aur Metuchen) (62835.3)	Tentari) (428362)	Destis Break) (6/2836.3)	Break-Trenton) (s2836.4)	Yeartube KQ (62837.1)	Ward Ave (C) (62837.2)	Crosswinds V) 9/2837.3)	Business Y) (42837.6)	Budington V) (62837.E)	Yank(le F) (x2837.6)	Hand Am P) (62837.7)	Onesetide Z) (42837.8)	92837.8)	Bundelon 2) (x2837.10)	Burlington Z) (62857.11)

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Cook Corner Lumberton 2006/ Circuit (a1787)	Install Community 2036/08 Con Bank (MITN)	Reconsigues Kanny Loup in P2216 Chi (6 1588)	Emerique Bossein De New SW/Corf (42140)	350 MARK Resolu- Magazinang SDRII (ADNO)	New SSO W/Sup at Hope Creek (Expension of Hope Creek substation) (AUSS).4)	New 030/230 KV authornolomer at Hope Creek and a new Hope Creek 230 KV subsection (6/203.5)		Residenti Branchinery 2000/ sortider reliciti (Residenty) (Banchinery) (62006.12)	Branching Pleasant Julia 2300 certifie whold (Branching East Fleninger) (6366521)	Canned the R- 13/8 and G/G17 (Edison - Metables) (18/67 simula to one 230 kV simul (Burnashir) Mession Essel) (6/88/6.1)	Consent the Ri- 1215 and GTST (Sidener- Metasters) 126 M simulate for 2250 KE simulation on 2250 KE simulation of Sidenes Stand - Person Ami(In2856.2)	Committee E- 1316 and G/3/17 (Edison- Illehaber) 138 W sinsibilities to mar 233 W sinsibility (French Are - Illehaber) (62885.3)	Commercials 10 1342 and 7 13720-1330 (Brownesh) Sensing 138 W simula to 200 W simula to 200 W simula (Municiples Terring) (MUNICIPLE)	Committee No. 1380 and T. 1372 D-1330 (Brownshile) Thereine) 1384V streets 62364V streets (Brownshile) Death Broad) 62806.3)	Commerciale No. 1340 and T. 13720-1333 (Brownick - Territor) 138 M strough to 238 M strough to 238 M strough Tombre (BORMA)	Correct the F- 13582-1304 and K-15537-1305 Director- Bellington 135 kV stream (Parker- Vanish & 2305-1 p.2807.1)	Committee P- 13662-1306 and 8-1365/n-1306 (Tendor- Burlington) 136-66 simula (Vandalle Viscol Am X) (ASS373)	Consed the F1 13552-1326 and 6-13531-1326 (Facilian-1326 (Facilian-1326) simula (Filand for Creanwints 1) 9-2557-3	Connect the P- 12662-1202 and K-1362-V-1225 (Transium: Burlangium) 1266-V- streath (Connection V) (A2627-V)	Convenitive P- 13682-1336 and K-16524-1335 (Tension- Burlington) 138 kV stream to 236 kV stream Burlington V (palls X I)	Compart the Fr 13682-1336 and K-13657-1336 (Tambin- Budingler) 136 M stream to 233 M stream Variable Fr (p.2637.6)	Competitive P 13582-1306 and 6-13537-1306 (Tenton- Bellington) 1384V stream (Norbide- tition Am P) (a2837.7)	Comunities P. 13862 1326 and 8.13659 1326 (Senten- Bullegan) 138 kil- simulis (Starl Aur- Constalle 2) (628378)	Committee P. 10562 1324 and K-1363W1326 (Ternion 1356W Belonging 1356W streets to 230W streets (Constants - 160iann Z) (2053FA)	Connect the F- 13652-1324 and K-1363-1124 and K-1363-1124 (Tention Budington) 13630 streams (Millians Streams (Millians Backeton I) (x2637.10)	Committee P. 13682-1336 and K-1363V-1338 (Senten. Burlington) 1384V streets (Senten. Burlington 2) patents (Senten. Burlington 2) patents (Senten.
2191791	109.675	2277.763	16 283 381	2,304,492						\$200,831	3.366.018	101261	1,539,666	1235.462	2.249.121	600.883	100,410	541,890	198711	12.116	383300	69.807	141,590	541,890	17116	12.116
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Cook Comer Lumbation 2006/ Cresil (a1787)	Install Community 2008/08 Con Bank (60270)	Recordings Xearry Loop in P2216 Chi gh 1587	Enumber Streets Ser New SWACHT \$431451	360 MARK Resolu- Hopelong SDN1 (62702)	New SEO W/ hap at Hope Death (Eigenminn of Hope Death substation) (\$0533.4)	New 830/230 KF authbrondomer at Kinge Creek and a new Hope Creek 230/KF substition (s/2003-ti)		Residend Branddarg 2004 switter related (Residengler Branddarg) \$2006.12	Branchburg: Pleasant/Salling 2000/salling strold (Branchburg: East-Pleasington) (9,0066.21)	Carnel the R- 13'll and Q/317 (Edison : Metasher) 138.67 simula to one 230 37 direct (Burnanish: Metasher Kasel) (A2836.1)	Consent the Ri- CSTE and QCST (Solonor- United the own 250 Millstreet (Shedon Read - Pierram Anti-(Schill)	Conventible E- 1216 and Q/217 (Edison - Western 128 M should reme 233 Winter(Person day Statusher) (A2835.30)	Comprise III 1362 and T- 13720 1350 (Binaryatide Tember) 136 W stretch to 220 W stretch (Hunterglan Tember) (AURESS)	Competition to 1380 and T 1392 D-1330 (Remarks) Transler (1384) streets (Remarks) (Remarks) Decks Break) 5000001	Commerciale III 1340-and T 13720-1330 (Bronnestick - Thereise) ES SIII streams (Dente Silvente Dente Silvente S	Competible F- 13582-1306 and K-13639-1306 (Freelen) Burlington) 136 kV simula to 233 kV simula (Freelen- Vanistie K) \$2300.13	Comerciale P. 13852 1306 and 8.1363/11320 (Tember Berlington) 138 to simulin. to 200 W simulin. (Vanhalle Ward Ase K) (s2837.2)	Connect the P 13682-1326 and K-13634-1325 (Trenton - Burlington) 138 kir should be 2300V should be Connectable V \$23837.3)	Connect the P- 136822-1326 and K-13632-1325 (Translam Burlington) 138 W clearle to 200 W cl	Convertible F- 13682-1336 and K-1363V-1336 (Tention) 136 W simular to 2364V simular (Busilistian Busingson V) p.2837-8)	Competible Fr 1368.2-1336 and K-1369Y-1326 (Twelver Budinglan) 138 W- slessife to 233 W- slessife (Twelver Yandalle Fr 328374) 3483743	Comartible P 13582-1306 and K-1363/Y-1306 (Tenden: Burlington) 138 kV streats (Vanhalle: Bland Ase II) 04837-7)	Competible P- 13862 1306 and 6 1363/F 1326 (Transaction) 138 67 simula to 230 67 simula (Word Au- Crossociale 2) (A38374)	Committee P. 13652-1326 and X-1323-1326 (Dander- Burlington) 13652 simults to 23066 (Consentials (Consentials (Sillians Z) (SISSY 8)	Connect the P- 13662-1304 and K-1363-Y-1335 (Trenton- Budington) 136 M simula to 236 M simula to 236 M simula (Millerys - Budistion 2) (p.2807-10)	Connection P- 15682-1526 and K-1363-V-1326 (Territor) (Territor) (Senting) 138-V- streath (x-256-V- streath (x-256-V- streath (X-64-V- streath (X-64-V- ) (x-64-V-) (x
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						nes les servicies fois	manage (April Book	and the latest and th												Assessed to Second	Gales Estatement C	ness Becomillation				
Cook Corner Lumbation 2000/ Chrosil (b.1707)	Install Consensuph 2008/08/Con Seek (4017)	Reconfigure Kenny Losp in P2316 Chi (a 1550)	Emuniques Bounnin De New SINGLET (62148)	350 WAR Resolu- Mapatore MONII (A2NO)	New SIGO W/Inspect Hope Creek (Experision of Hope Creek schooling) (ASS3.4)	New 830/230 HT authbrondomer at Hope Creek and a new Hope Creek 230/11 huberbloom (s/2023.8)	Rebuild Sidene Wartness Cinden WT 2000 Count (62005)	Rossiansi Brandrineg 2504/ senteta reludi (Sassingan - Bandrineg) (62086.12)	Examilitary Pleasant Valley 23001 sensition schools (Breschlorg - East Fleasington) (s2666.21)	Conset the R- 13/8 and Q/317 (Edwar - Shinahan) 128 kV simula is one 250 kV simula (Bransalsh- Masilan Kand) (A2806.1)	Consent the Ri- 1318 and GIS17 (Bidness). Bidnesses 138 to simulate to one 230 Elizabeth Bidnesses Rand-Person Anni (92836.2)	Convenière E- 1318 and Q/S/17 (Edison Behavior) 138 W sincelly limited W sincell (Fernan Are: Behavior) (A2835.3)	Competitie No 1382 and To 1372D 1350 (Shorewish: Senior) 138 M simula to 250 M simula to 250 M simula (Autority) (AURSE2)	Convention No. 1340 and T. 13720-1330 (Brumenick Termine) 1384V streets to 2354V streets (Security (Brumenick) (Brumenick) (Brumenick) (Brumenick)	Committee No. 1340 and T. 13720-1330 (Brannaski). Dennin (SE W. struck (Denk Struck (Denk Brasik (Denk Brasik (Denk (DESE4)	Committee F 13582-1306 and K-13639-1306 Direction Berlingsing 136 kV stream (Sentin Variable K) \$2303.7 ()	Committee F 13882-1306 and K-1363/H-1326 (Tendor- Barlogger) (138 til sinusin to 230 W sinusin (Mahidia Watel Alexi) (b.2837.2)	Convert the P- 136820-1326 and K-13634V-1326 (Francis) Barbophing 138-kir simula to 2304V simula (Sand-Ase Consocialda V) (92837-3)	Connect the F- 13882-1328 and K-1382-V-1328 (Transium) 13862 stream to 238 M stream to 238 M (Connect that (Connect that (Socialism V) (SOST 4)	Convertible F- 15682-1526 and K-1563V-1526 (Territor- Burlingslee) 158 kV simulis to 256 kV simulis (Burlingslee) () pa857-5)	Committee F- 15682-1535 and K-1565V-1535 (Tention- Burlanghor) 158 W strains to 250 W strains (Tention- Vanial F) (p.2637-6)	Committee P CSSE2-120E and K-1262N-130E (Tension - Berlingsing   138 N stream (Norbille - Sian Am P) (\$2507.7)	Competitive P- 136820 1336 and 8-1363/0-1326 (Transium Bullenger) 138 67 simults to 230 67 simults (Saint Aur- Concession Z) (s2837.8)	Competitor P. 19822-1924 and K-19823-1938 (Danker Barlegian) 19822-1992 situate to 200V situate (Consention- 1982-19) (92837-8)	Connect the P- 13662-1306 and K-1363V-1326 (Trenton- Budinghe) 136 W simula to 230 W simula foliation 2 (box87.70)	Connection P. 13582-1336 and R-1357-1355 (Senter. Burlington) 1355V streets to 2355V streets (Sanfator. Burlington 2) palls2111)
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$\overline{}$						Total Service																				
Cook Corner Lumbarion 2004 Chrost de CECO	Install Community 2000ANR Cap Bark MITTO	Recordings to Keantry Long in PGIS Chi do 1585	Enconique Browneld-Ser- New SSI/CO T 82140	SSC SSC/ART Resource Proportioning SSC/ART (No.2702)	New 100 W/hap of Hope Death (Equestion of Hope Death validation) (62633.4)	New 030/230 HF authbrondomer at Hope Creek and a new Hope Creek 230/EF substation (b2633.0)	Rebuild Sidene Wattrames Cinden VFT 2004 I Cinest 9/2005	Residend Branching 2007 metale related (Residengia Branching) 8-2986 (2)	Branchburge Pleasant/Calley 2306/ seriale ethold (Branchburger) East Fleminger) (b266621)	Connect the R- 13/E and G/G17 (Edison - Metasher) 13E kir simulat in one 230 W-desula (Bennesish Medica Essel) (a)2806.11	Connect the Ri- 1316 and Q1317 (Billiam) 138 kV should be over 230 kV should filledon flood Pleason Authoritis 23 Authoritis 23	Cornet the E- 1318 and G1317 (Educar) 138 W should be one 233 W should Please due 1864-shee) (s2855.3)	Commerciale No. 1340 and Tr. 13720 1330 (Brownsick- Sensine) 138 M/ streets to 256 M/ streets (Municeplan Territor) (600362)	Committee to 1383 and T 13720-1330 (Brummatch Trender) 1384V stream to 2384V stream direction (Brummatch Death Stream) 62996.31	Connectible N: 1340 and T 13720-1330 (Brannakh) Thereing 138 MV streets to 230 MV streets Daniel Brant-Terrino) 6/28/36/61	Committee F- 13692 1306 and K-1363W-1305 (Parelon- Barlinghor) 136 kV stream to 230 kV	Committee P. 138621336 and K-1363/1326 (Parkin). Barlington (138 M streets to 230 M streets (Salkille Wall (Salkille Matter).	Connect the P- 136527 1326 and K-1363N-1326 (Parkins) Barlaging 1365KF stream to 230W stream to	Consol for P 13852-1326 and X-1385-1335 (Territor- Burlingler) 138 W should be 250 W should be	Convertible F: 13682/1326 and K-1363N-1326 (Territor) Burlington 138 M streats to 236 M streats (Business Burlington 1) 62837-61	Comercible P: 1368-21336 and K-1365/V-1336 (Tueston: Budingship) 138-W steeds to 230-W steeds (Tueston: Tuesdon?) 6-2637-61	Comartible P. 13882-1306 and K-1383/V-1306 (Terrison) 138 kV stream to 230 kV stream to 230 kV stream to 230 kV stream Aar P) 62837-71	Compatible P- 1386211306 and K-1362W-1326 (Parkins) Eudingsho (136 KF streets to 230 KF streets to 230 KF streets (Sand Aer- Convention Z) (b2837 KF	Committee P. 13822-1328 and X-1323-11328 (Denker- Burlingker) (1384) simula to 2304V simula to 2304V simula (Omeaniste Sillianus Z) 50237-81	Connect the P- 12662-1324 and K-1363-V-1325 (Translan: Buddington) 138-W streets to 230-W streets (Editaria: Buddington 2) Buddington 2)	Connection P. 15682*1526 and K-1363*V1326 (Terrison: Buildington) 1383*V streets to 2364*V streets (Buildington) Buildington 2) Buildington 2) Buildington 2)
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Code Comer- Lumbation 250kV Choult (b 1787)	Install Community 2008/08/Cap Bank (MIZE)	Recordings to Keeping Long in P2216 Co. (p. 1588)	Emerique Bonario De New SW/CorT (0.0146)	SSCSMAN Remote Hopelang SDSH (AZNA)	Niew ISSO W/ Inspect Hope Creek (Experience of Hope Creek Unicklish (ASSES).4)	New 030/230 KV authorodomor al Hope Creek and a new Hope Creek 230/KV subschiller (a20/K3.5)	(62955)	Renational Branchinery 2000V somition relacted (Renational) Banchinery (\$2006.12)	Executions Pleasure Valley 2300 certain whold (Executions) East Fleminger (a2862.2)	Consent the III- 13/8 and Q/317 (Edware) (Edware) (Edware) (Edware) (Edware) (Edware) (Edware) (Edware) (Edware) (Edware)	Consent the Ri- 1215 and GCST (Stricture) 125 kV sites the new 230 KF sites of Ribadow Stanton Ribadow Stanton Ribadow Ami(No2555 2)	Convertible III- 1318 and 0/317 (Ridner) (Ridner) 138 tV situation (138 tV situation (138 tV situation) (138 tV situation) (138 tV (138 tV) (138 tV) (138 tV) (138 tV)	Commerciale No. 1382 and 7- 1372D-1330 (Shorewatch: Tenning) 138 W streets to 200 W streets (Authorities) Tenning) (AUREZ)	Convention No. 1382 and T. 13820-1330 (Sourcealth Trender) 1384V stream to 2384V stream to 2384V stream to 2384V stream to 2384V plants Broads (Sourcealth Death Broads)	Committee No. 1340 and T. 13720-1330 (Bromestich Territor) (18 M stroute 12 M strou	Convention P. 15882-1504 and K-15637-1506 K-15637-1506 Refinglied 158 kV sites to 250 kin Valentia R. Ballist I)	Committee F 13862-1336 and K-35531-1336 K-35531-1336 Refinglied (138 tol simula to 230 W simula (natedle Ward Am K) (p.2837-2)	Connect the P. 135820-1324 and K-136331-1335 (Sentime- Rectington) 138 kV situation (Select American Connectation I) (ASSET ASSET	Connect the F- 13882-1324 and K-13824-1335 (Transier: Burlington) 138 M streets to 238 M streets (Consenting- Execution- Burlington) (ASSET 6)	Convenition F: 13682-1326 and K-1363V-1326 (K-1363V-1326 (K-1363V-1326 V-1363V-1363V-1363V-1364V	Committee F- 13682-1336 and K-1363Y-1336 K-1363Y-1336 Redingler) 136 W- stroin B-20 W- stroin B-20 W- Seefeld F) (p.2637-6)	Committee P CSSE2-1206 and K-1362V-1306 K-1362V-1306 Serlingian (1364V stream to 2304V stream	Competitive P- 128620 1339 and 8-13653* 1326 (Tradian Bullington) 138 to situatio to 230 kW should be Competitive to (Mark Area (Mark Area (Mar	Competitor F. 10802-1004 and K-10820-1026 (Sandar- Bodogian) LSENY streams to 2000V streams to 2000V streams (Sillians Z) (Sandar- Sillians Z) (Sallians Z)	Connect the P- 19882-1998 and K-19882-1998 K-19882-1998 Burlington   1986/ streams   1986/ streams   1996/ streams   1996/ str	Connecting P. 15682*1336 and K-13634*1336 (Perior Berlington) 13844 streets to 23844 streets to 23844 street

|  |  |  |  |  |  | Public Service Section<br>ATTACAMS<br>Machineri 7 - Transmission Scham   
  | is and Gas Company<br>Bill H-185<br>Exercis Charges Was  | rkaheri (TEC)  |                            |  |   |   |  | | | |
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  | Sel Plan<br>Sel Plan<br>Line III in                          | - Carrying Change sollhout Daymei<br>- Carrying Change par 100 Basin, I<br>sa Line A.  |
| :  | ۰  |  | The FCR resulting from Po<br>Transfers actual recorders<br>Por FCRC Challe dated De-<br>setted includes a 25 hours.<br>For advantaged plant I  | ge silvand Deponision, Estan, n<br>malain a giore pur in unal ler find per<br>allerhol in a pur de mil design band o<br>side in malain ISC dale in ISC 30 is<br>noted in malain ISC dale in a salvani<br>ser. 12, 14, 35, and 16 will be from<br>our 12, 14, 35, and 16 will be from<br>our 12, 14, 35, and 16 will be reser-  | only<br>a sed data for subsequent<br>of EEE to the Serbound Co<br>ration FEEC to become other<br>Attachment E - Ethanh | i Belakilis Proint in 1887).<br>One Jensey 1 202<br>and Transpolinian Projects, Sine 17 in 1   
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20,000,000 300,700 V.000,000	1207  Depositation or Engage	53,819,874 1,209,987	AMS.	No.	Van.	Comment the NY1365 and TY1373D 1339 (Bromwish - Transin) 138 W strends in 230 W strends (Bromwish - Oroth Break)				
60 et ales 200 et ales 2,000 to 1	13.67  Depreciation or Depreci	8737433E 2378,08	AMPA.	No.	Yes 42	Commert the NY1200 and TY1272D-1220 (Bryanachik - Tenning (128 MY sincelle in 230 W sincelle (Broth Brook - Tenning)				
000000 1000 8.000 000000 1000 8.000 600000 1000 8.000 600000 1000 8.000 60000 10000 8.000	Deposition or De	34.796.685 526.693	AND.	No.	Time 40	Connect the P-ISSED-1305 and K-ISSEM-1305 (Tension - Berlington) US NY circuits to 200 NY circuits (Tension * Serbidis R)			Page 16 of 18	
	U.S. Depositions  Depositions  Delta Association Research	11,44E,817 277,281	AMS AMS		Ven.	Convert the P-13882+1306 and X-1380V-1336 (Transam-Burlington) 138 VV sixualis to 238 VV sixualis (Sandallis - Viland Jon K)	Not Place Couring Owage without Opproximate, Ration, was be The NS creating both residence against an overall for this gas and Therefore solved owners rational to a year do not of supproposation on the TRIC Code dated beneath it. It is included by IRS DES to the Code with the Solved as Edward and the Code of the Code of the Code with the Solved as Edward and Code of the Code of the Code of the Irst administration of the Code of the Code of the Code of the Code of Irst and the Code of the Irst and the Code of the Code	Line Blanc Line A	Nat Plant Conying Change without Depreciation Nat Plant Conying Change per 100 Stack Plant in RCE without	
1,600,700 30,271 11,160	1146 Deposition or Engage	8.162.734 196.173	8.00% 8.00%	No.	Yes o	Convent the P-12682-1126 and 6-1263Y-1326 (Transan - Berlington) 128 kV sirvada te 206 W sirvada (Ward dan - Oversenida N	data for underspood years.  It for the Mandeson Soul Sold Addition Product in 1940'S.  FIEIC is became of decide absence 1 2000.  Auditorial To security 2000.  Bandeson To security 2000.	0.67%		Public Enviro Electric and Se ATTECHMENT - 1 to Attachment T - 5 area-backer Enhancement 1
3,05,064 35,166 198,71	1928 Depositor or Engage	31,000,078 713,369	446	No.	Vine 43	Commet the F13862 (136 and K-0438-130) (Protein-Burlington) US W abrails in 23 W abrails (Consents In-Basileien V)				
3 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	10.26 Depresision or Depresision or	33,130,434 788,106	AMPL AMPL	No.	Yes 42	Comment that P (1982 * 1956 and K (1952 V (1958 ) (Destion - Burlington) (195 KV simulita to 230 KV simulita (Basilinian - Burlington V)				
\$355,888 \$335 30.50 \$405,688 \$335 30.50	U.S. Deposition or Deposition	34,645,190 835,342	AMPA.	No	Time 42	Comment the F-135EE-130E and K-13EEM-132E (Transium - Bar-longium) 13E EV charalto in 200 EV charalto (Transium - Transiello P)			Page CF of 10	
6300 1500 6.00	U.S. Depositioner	11,383,548 268,168	EMS EMS	No.	Van.	Comment the P-135620-13304 and X-13650V-1336 (Transium-Burlington) 138 kV strends to 230 kV strends (Nandolle-Wared See F)	Not Peril Carrying Change without Depressation, Ration, our le The DCI coulling box I remains a given par is used in this part of the other adults overware, solitoide in a year do not inhapp between on the PERC Oxide dated Demains 10. 2011 to State this EVE 200. We shall with this beatlest a 1 demains with the overward and the state of the adults beatlest a destination 11. 11 of an I had the own demands of 11 of an I had the own of the own of the state of the State of the 11 own the sample falses from 200 https://doi.org/10.1101/j.1101.0001.0001.0001.0001.0001	Line III lava Line A	Nat Plani Carrying Charge without Depreciation Nat Plani Carrying Charge per 100 Stack Plani in ROS withou	
Nation 2021 Vicini	Deposition or De	8,143,734 194,153	EMPL EMPL	No.	Time 40	Comment the P13850-1395 and E1353V-1325 (Transien - Burlington) 138 Mr streets to 208 Mr streets (March due - Crossociales 2)	0 d dats for underspared years. If the Bellindman Dead Bellindman Deaded in 1840 K. of PEC to Assesser deaded or Joseph 1950 Bandward Computation Products, Liber 27th de-	0.879	1000 AND	Public Service Electric and E ATTACHERTH-11 Machinesi 7 - Sementonian Ethercanesi
1,650,500 St.275 VEG.000	Opposition or Engage	3,030,013	AMS.	No.	Vine 42	Committée F138021330 and K-0019110100 (Trecim-Burlingian) US M simulatio 230 W simula (O manish a Williama I)				
2.00.000 AMA 07.00	10.33 Copresistin or Deliver Association Streets	28,673,369	ANN.	to.	Yes 42	Consent-the P (1982 1934 and C (1924 1932 (Presion - Barlington) 128 KY streams to 208 W streams (Williams - Barlinton Z)				
235,000 3364 1770	10.30  Copyrighters or Spanish American Street	SECONDARY ANT, USE	ANE	No.	Yes G	Commerci the P-CASED-1330 and K-1363/H-1326 (Theories - Bardington) 138 kV sites to to 200 kV sites dis Bardinion - Bardington 2)			Page Staf St	
	Inserte									
	_									

1,743,982

### 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 \$509,614,867

Total Interest

TEC Projection Revenue Requirement For Year 2019 \$490,646,817 TEC True-up Adjustment -(Over)/Under Recovery \$18,968,050 True-up Year: 2019
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)/Surchargo and Interest - End o Month
Calculation of Interest								
rue-Up Year								
/1/2019	1,580,671	-			0.440%			1,580,67
/1/2019	1,580,671	1,580,671		1,580,671	0.400%	6,323		3,167,66
/1/2019	1,580,671	3,161,342		3,161,342	0.440%	13,910		4,762,2
/1/2019	1,580,671	4,742,012	20,233	4,762,245	0.450%	21,430		6,364,3
/1/2019	1,580,671	6,322,683	20,233	6,342,916	0.460%	29,177		7,974,19
/1/2019	1,580,671	7,903,354	20,233	7,923,587	0.450%	35,656		9,590,52
/1/2019	1,580,671	9,484,025	106,496	9,590,521	0.470%	45,075		11,216,2
/1/2019	1.580.671	11,064,696	106,496	11,171,192	0.470%	52,505		12.849.4
/1/2019	1,580,671	12,645,367	106,496	12,751,863	0.450%	57,383		14,487,49
0/1/2019	1,580,671	14,226,037	261,460	14,487,497	0.460%	66,642		16,134,8
1/1/2019	1,580,671	15,806,708	261,460	16,068,168	0.450%	72,307		17,787,7
2/1/2019	1,580,671	17,387,379	261,460	17,648,839	0.460%	81,185		19,449,6
ntermediate Year								
/1/2020	_	18,968,050	481,594	19.449.643	0.420%	81,689		19,531,3
1/2020	-	18,968,050	481,594	19,449,643	0.390%	75,854		19,607,1
1/2020		18,968,050	481,594	19,449,643	0.420%	81,689		19,688,8
1/2020	<u>-</u>	18,968,050	720,824	19,688,874	0.390%	76,787		19,765,6
/1/2020	<u>-</u>	18,968,050	720,824	19,688,874	0.400%	78,755		19,844,4
/1/2020	<u>-</u>	18,968,050	720,824	19,688,874	0.390%	76,787		19,921,2
/1/2020	_	18,968,050	953,153	19,921,203	0.290%	57,771		19,978,9
/1/2020	_	18,968,050	953.153	19,921,203	0.290%	57,771		20,036,7
/1/2020	_	18,968,050	953,153	19,921,203	0.280%	55,779		20,092,5
0/1/2020	_	18,968,050	1,124,475	20,092,525	0.280%	56,259		20,148,7
1/1/2020	_	18,968,050	1,124,475	20,092,525	0.270%	54,250		20,203,0
2/1/2020	•	18,968,050	1,124,475	20,092,525	0.280%	56,259		20,259,2
Over)/Under Recovery Plus In	terest Amortized and Recovered Ov	er 12 Months						
tate Year 11/2021		10.040.050	1 201 242	20,259,293	0.342%	69,219	(1.724.002)	10 402 5
1/2021	-	18,968,050 18,968,050	1,291,243 1,291,243	18,602,510	0.342%	63,559	(1,726,003)	18,602,5 16,940,0
	-						(1,726,003)	
1/2021	-	18,968,050	1,291,243	16,940,066	0.342%	57,879	(1,726,003)	15,271,9
1/2021	-	18,968,050	1,481,900	15,271,941	0.342%	52,179	(1,726,003)	13,598,1
1/2021	-	18,968,050	1,481,900	13,598,118	0.342%	46,460	(1,726,003)	11,918,5
1/2021	-	18,968,050	1,481,900	11,918,576	0.342%	40,722	(1,726,003)	10,233,2
1/2021	-	18,968,050	1,621,261	10,233,295	0.342%	34,964	(1,726,003)	8,542,2
1/2021	-	18,968,050	1,621,261	8,542,256	0.342%	29,186	(1,726,003)	6,845,4
1/2021	-	18,968,050	1,621,261	6,845,439	0.342%	23,389	(1,726,003)	5,142,8
0/1/2021	-	18,968,050	1,708,799	5,142,825	0.342%	17,571	(1,726,003)	3,434,3
1/1/2021	-	18,968,050	1,708,799	3,434,394	0.342%	11,734	(1,726,003)	1,720,1
2/1/2021	•	18,968,050	1,708,799	1,720,126	0.342%	5,877	(1,726,003)	-
EC True-Up Adjustment with In							20,712,031	
ess TEC (Over)/Under Recover	ТУ						18,968,050	

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 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	e 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%

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 <a href="https://www.ferc.gov/interest-calculation-rates-and-methodology">https://www.ferc.gov/interest-calculation-rates-and-methodology</a>. 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.

AEP - SPP Formula Rate TCOS - WS N Page: 27 of 31

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-malts/interest-rates.asp.

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

FERC Account	Account Description	Depreciation Rate
Transmissio		<u>——</u>
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, C	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)

				1	Α	В	С	D=(C*Tax Gross- up rate) (1)	E=(C+D)	F	G	н	1	J	K=(I+J)	L=(K*Tax Gross- up rate) (1)	M=(K+L)	N=(C+K)	O=(E+M)
				Exce		Beginning of the nt) ADIT Regulate	ory Liability/(Asset)			Amortizatio	n Period		Amou	nt Amortized				End of the	Year Balance
Line	Year	Description:	Vintage:		otected	Unprotected	Total Excess/(Deficient) Deferred Taxes	Income Tax	Total Account 254/	Protected U	nprotected	FERC Account	Protected	Unprotected	Total	Income Tax	Total Amortization	Excess/(Deficient) DIT	Excess/(Deficient) DIT with Gross-Up
No.			<b>3</b>		riginal ccount 282	Original Account 190/282/283	Account 254/ (Account 182.3)	Gross-Up	(Account 182.3)			No. (3)			Amortization	Gross-Up	with Gross-up	Account 254/ (Account 182.3)	Account 254/ (Account 182.3)
1 2		Protected Unprotected	2017 TCJA 2017 TCJA		74,572,091		674,572,091	263,767,165	938,339,256	ARAM	1 Year	411.1 411.1	(3,054,643)		(3,054,643)	(1,194,408)	(4,249,051)	671,517,448	934,090,204
3		Total Excess/(D	Deficient) DIT:	6	74,572,091		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 filling 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

Required Transmiss  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
	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation	, ,	
b2436.85	upgrades  Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$ 53,301,489	Dec-15
b2436.90	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated	\$ 31,273,305	May-16
b2436.91	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)  Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit	\$ 52,106,859	Jun-21
b2835.1	(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
52007.11	Total	\$ 5,883,560,161	DCC-13

<sup>\*</sup> 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			
ATTA	CHMENT H-10A			
Form	ula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2021
	ed cells are input cells	110100		
Alloca				
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense	(Note O)	Attachment 5	37,389,490
2	Total Wages Expense Less A&G Wages Expense	(Note O) (Note O)	Attachment 5 Attachment 5	208,105,351 6,000,000
4	Total Wages Less A&G Wages Expense	(Note O)	(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 26	Less: Common Plant Account 397 Communications	(Note B)	Attachment 5 (Line 23 - Line 24 - Line 25)	41,888,660 546,845,865
27	General and Intangible Excluding Acct. 397 Wage & Salary Allocator		(Line 23 - Line 24 - Line 25) (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 & I)	Attachment 5	121 521 110
33	Accumulated General Depreciation Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J) (Note B & J)	Attachment 5 Attachment 5	131,531,418 118.594.995
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 40	Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 5) (Line 38 * Line 39)	18.5000% 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
43	Total Net Froperty, Flant & Equipment		(Line or - Line 42)	13,223,565,551

Publi	c Service Electric and Gas Company			
ATTA	CHMENT H-10A			
				12 Months Ended
	ula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	12/31/2021
	ed cells are input cells			
Adju	tment To Rate Base			
	Accumulated Deferred Income Taxes			
44	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)		070.457.050
44b 44c	Excess Deferred Taxes Regulatory Liability (Account 254) enter negative  Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission	(Note V)	(Line 44a + 44b)	-673,157,053 -673,157,053
440	Deficient Excess Deferred Taxes Regulatory Assets and Elabilities Allocated to Transmission		(Line 44a / 44b)	-073,137,033
	CWIP for Incentive Transmission Projects			
45	CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	0
45a	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Mate D)	Attachment 5	0
45a	Unamortized Abandoned Transmission Projects	(Note R)	Allacriment 5	U
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	20,881,499
	Talk Hold for Fatal 6 555	(11010 0 0 0)	/ tadofill of the	20,001,100
	Prepayments			
47	Prepayments	(Note A & Q)	Attachment 5	467,498
40	Materials and Supplies	(1)-4- (1)	A# 5	0
48 49	Undistributed Stores Expense Wage & Salary Allocator	(Note Q)	Attachment 5 (Line 5)	0 18.5000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	10.3000 //
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
	Total materials a supplies rinocated to Transmission		(Ellio do 1 Ellio d'I)	0,002,001
	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
Oper	ations & Maintenance Expense			
	Transmission O&M			
59 60	Transmission O&M Plus Transmission Lease Payments	(Note O) (Note O)	Attachment 5 Attachment 5	123,700,000
61	Transmission O&M	(Note O)	(Lines 59 + 60)	123,700,000
51			(=:::000 : 00)	120,700,000
	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 65	Less: Actual PBOP expense Less Property Insurance Account 924	(Note O) (Note O)	Attachment 5 Attachment 5	-42,325,481 5,058,406
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5 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
75 76	General Advertising Exp Account 930.1	(Note F & O)	(Line 65) Attachment 5	5,058,406
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
00	Total Transmission ORM		(lines 64 + 74 + 74 + 70)	440 400 000
80	Total Transmission O&M		(Lines 61 + 71 + 74 + 79)	143,482,929

	rice Electric and Gas Company				
TTACHME	ENT H-10A				
ormula Ra	ate Appendix A		Notes	FERC Form 1 Page # or Instruction	12 Months Ended
	Is are input cells				
	on & Amortization Expense				
Depr	eciation Expense				
	ansmission Depreciation Expense Including Amortization of I	Limited Term Plant	(Note J & O)	Attachment 5	348,684,5
	nortization of Abandoned Plant Projects		(Note R)	Attachment 5	
	eneral Depreciation Expense Including Amortization of Limite		(Note J & O)	Attachment 5	27,132,1
	ss: Amount of General Depreciation Expense Associated wit lance of General Depreciation Expense	n Acct. 397	(Note J & O)	Attachment 5 (Line 82 - Line 83)	5,283,1 21,849,0
	angible Amortization		(Note A & O)	Attachment 5	16,484,3
86 To			(1101071 0 0)	(Line 84 + Line 85)	38,333,4
	age & Salary Allocator			(Line 5)	18.50
	eneral Depreciation & Intangible Amortization Allocated to Tr			(Line 86 * Line 87)	7,091,6
	eneral Depreciation Expense for Acct. 397 Directly Assigned		(Note J & O)	Attachment 5	595,2
90 <b>G</b> e	eneral Depreciation and Intangible Amortization Function	nalized to Transmission		(Line 88 + Line 89)	7,686,9
91 Total	Transmission Depreciation & Amortization			(Lines 81 + 81a + 90)	356,371,5
axes Othe	er than Income Taxes				
92 Taxes	s Other than Income Taxes		(Note O)	Attachment 2	14,144,6
93 Total	Taxes Other than Income Taxes			(Line 92)	14,144,6
eturn \ Ca	pitalization Calculations				
94 Long	Term Interest			p117.62.c through 67.c	375,469,9
95 Prefe	erred Dividends		enter positive	p118.29.d	
	mon Stock				
96 Pro					
	oprietary Capital	40	(Note P)	Attachment 5	
97	oprietary Capital Less Accumulated Other Comprehensive Income Account 2	:19	(Note P) (Note P)	Attachment 5	
97 98	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock	119	(Note P)	Attachment 5 (Line 106)	381,6
97 98 99	oprietary Capital Less Accumulated Other Comprehensive Income Account 2	119		Attachment 5	381,6 196,8
97 98 99 100 Cc	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock talization	19	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)	381,6 196,8 11,445,411,6
97 98 99 100 <b>Co</b> <b>Capit</b> 101 Lo	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1 bymmon Stock talization ng Term Debt	19	(Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5	381,6 196,8 11,445,411,6 9,559,323,5
97 98 99 100 <b>Cc</b> <b>Capit</b> 101 Lo	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1 mmon Stock talization ng Term Debt Less Loss on Reacquired Debt	119	(Note P)  (Note P)  (Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5	381,6 196,8 11,445,411,6 9,559,323,5
97 98 99 100 Cc	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Arcount 216.1 symmon Stock talization ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt	19	(Note P)  (Note P)  (Note P)  (Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3
97 98 99 100 <b>Cc</b> <b>Capit</b> 101 Lo 102 103 104	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1 mmon Stock talization ng Term Debt Less Loss on Reacquired Debt	19	(Note P)  (Note P)  (Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9
97 98 99 00 <b>Co</b> <b>Capit</b> 01 Lo 02 03 04 05 To 06 Pro	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt feerred Stock	119	(Note P)  (Note P)  (Note P)  (Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1
97 98 99 100 <b>Co</b> <b>Capit</b> 101 Lo 102 103 104 105 To 106 Pri 107 Co	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  ommon Stock  talization g Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  smmon Stock	19	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6
97 98 99 00 Cc  Capit 10 1 Lo 02 03 04 To 06 Pr 07 Cc 08 To	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  ommon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock ommon Stock  tal Capitalization		(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8
97 98 99	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1 Immon Stock  talization ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt telers ADIT associated with Gain or Loss tal Long Term Debt telerred Stock momon Stock tal Capitalization tel % Tota	I Long Term Debt	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,38
277 288 299 000 Capiti 01 Lo 02 03 04 05 To 06 Pri 07 Cc 08 To 09 De 10 Pri 28	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  tal Capitalization  total Capitalization  beferred %  Total	I Long Term Debt erred Stock	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33
97 98 99 00 Capit 10 10 10 10 10 10 10 10 10 10 10 10 10	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  tal Capitalization  total Capitalization  beferred %  Total	I Long Term Debt	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108)	381,6 196,6 11,445,411,6 9,559,323,6 45,429,3 601,6 9,513,292,1 11,445,411,6 20,958,703,6 45,3
97 98 99 99 000 Cc Capit Lo 01 Lo 05 To 06 Pn 07 Cc 08 To 09 De 11 Cc	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt teferred Stock  mmon Stock  tatil Capitalization  Tota  efferred %  prefi  mmon %  Com	Il Long Term Debt erred Stock imon Stock	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33 0.00 54,6
97 98 99 99 000 Cc Capitl Lo 01 Lo 02 03 04	porietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  othal Capitalization  bbt % Tota eferred % Preference % ommon % Com	I Long Term Debt erred Stock	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33 0,0,0
97 98 99 90 00  Capit 01 02 03 04 05 To 07 Cc 08 To 09 10 11 Cc 112 De 113 Pri	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1 mmon Stock  talization ng Term Debt Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss tals Long Term Debt eferred Stock mmon Stock tal Long Term Debt Common Stock Total Debt Cost Deferred Stock Total Debt Cost Deferred Stock Total Debt Cost Deferred Cost Deferred Cost	I Long Term Debt erred Stock imon Stock I Long Term Debt	(Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 106 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45.38 0.00 54.61 0.03
97 98 98 99 90 Cc Capitl 01 02 03 04 05 To 06 Pn 07 Cc 08 To 08 To 11 Cc 11 12 De 13 Pn 14 Cc 14 Cc 15 Cc 16	porietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  g Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  tal Capitalization  bbt % Tota eferred % Preferred % Freferred	I Long Term Debt erred Stock mon Stock I Long Term Debt erred Stock	(Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105) (Line 94 / Line 105) (Line 95 / Line 106)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33 0,00 54,61 0,03 0,00 0,11
97   98   99   100   Cc	porietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  stal Capitalization  but %  Tota eferred %  prefered %  prefered %  prefered %  prefered Cost prefered Stock  but Cost  prefered Cost prefered Stock  prefered Cost prefered Stock  prefered Cost prefered Cost prefered Cost prefered Cost prefered Cost prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Cost Common Cost Common Cost  prefered Cost Cost Cost Common Cost Commo	I Long Term Debt erred Stock imon Stock I Long Term Debt erred Stock imon Stock I Long Term Debt (WCLTD) erred Stock	(Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 106 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 108) (Line 95 / Line 106) Fixed  (Line 109 * Line 112) (Line 110 * Line 113)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33 0,00 54,61 0,03 0,00 0,11 0,01
97 8 99 9 8 99 9 100	oprietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization ng Term Debt Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss talt Long Term Debt eferred Stock mmon Stock  tatication  Total eferred W Total eferred W Total eferred W Total eferred Cost both Cost both Cost both Cost both Cost both Cost beighted Cost of Debt Total eighted Cost of Preferred eighted Cost of Foreferred eighted Cost of Common Common Cost	Il Long Term Debt erred Stock imon Stock Il Long Term Debt erred Stock imon Stock	(Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 108) (Line 94 / Line 105) (Line 95 / Line 106) Fixed  (Line 109 * Line 112) (Line 110 * Line 113) (Line 111 * Line 114)	11,445,990,2 381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,39 0,00 54,61 0,03 0,00 0,11 0,00 0,00
97 98 99 9	porietary Capital Less Accumulated Other Comprehensive Income Account 2 Less Preferred Stock Less Account 216.1  mmon Stock  talization  ng Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss tal Long Term Debt eferred Stock  stal Capitalization  but %  Tota eferred %  prefered %  prefered %  prefered %  prefered Cost prefered Stock  but Cost  prefered Cost prefered Stock  prefered Cost prefered Stock  prefered Cost prefered Cost prefered Cost prefered Cost prefered Cost prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Common Cost  prefered Cost Cost Common Cost Common Cost  prefered Cost Cost Cost Common Cost Commo	I Long Term Debt erred Stock imon Stock I Long Term Debt erred Stock imon Stock I Long Term Debt (WCLTD) erred Stock	(Note P)  (Note P)	Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 106 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 108) (Line 95 / Line 106) Fixed  (Line 109 * Line 112) (Line 110 * Line 113)	381,6 196,8 11,445,411,6 9,559,323,5 45,429,3 601,9 9,513,292,1 11,445,411,6 20,958,703,8 45,33 0,00 54,61 0.03 0.00 0.11

Public	Service Electric and Gas Company				
ATTAC	CHMENT H-10A				
					12 Months Ended
	ıla Rate Appendix A		Notes	FERC Form 1 Page # or Instruction	12/31/2021
	d cells are input cells osite Income Taxes				
120	Income Tax Rates FIT=Federal Income Tax Rate		(Note I)		21.00%
121	SIT=State Income Tax Rate or Composite		(Note I)		9.00%
122	P	(percent of federal income tax deducti		Per State Tax Code	0.00%
123 124	T T / (1-T)	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT	- F   - p)} =		28.11% 39.10%
					00.1070
125	ITC Adjustment Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5	-525,189
126	1/(1-T)	cher negative	(14010-0)	1 / (1 - Line 123)	139.10%
127	Net Plant Allocation Factor			(Line 18)	62.82%
128	ITC Adjustment Allocated to Transmission			(Line 125 * Line 126 * Line 127)	-458,943
	Deficient/Excess Deferred Taxes Amortization				
128a 128b	Amortized Deficient Deferred Taxes (Account 410.1) Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Note S & V) (Note T & V)		-3,054,643
128c	Total	onto nogativo	(Note 1 d 1)	(Line 128a + Line 128b)	-3,054,643
128d	1/(1-T)			1 / (1 - Line 123)	139.10%
128e	Deficient/Excess Deferred Taxes Allocated to Trans	51111551011		(Line 128c * Line 128d)	-4,249,051
	AFUDC Equity Permanent Difference				
128f 128g	Tax Effect of AFUDC Equity Permanent Difference 1/(1-T)		(Note U)	1 / (1 - Line 123)	1,521,949 139.10%
128h	AFUDC Equity Permanent Difference Tax Adjustme	ent		(Line 128f * Line 128g)	2,117,052
120	Income Tax Component =	(T/1-T) * Investment Return * (1-(W	(CLTD/DOD)) =		264,020,941
		(171-1) investment (1-(w	OLIBIROR()) =	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	
130	Total Income Taxes			(Lines 128 + 128e + 128h + 129)	261,429,998
Reven	ue Requirement				
	Summary				
131	Net Property, Plant & Equipment			(Line 43)	13,223,565,551
132	Total Adjustment to Rate Base			(Line 57)	-2,637,461,176
133	Rate Base			(Line 58)	10,586,104,375
134	Total Transmission O&M			(Line 80)	143,482,929
135	Total Transmission Depreciation & Amortization			(Line 91)	356,371,539
136 137	Taxes Other than Income Investment Return			(Line 93) (Line 119)	14,144,611 864,868,529
138	Income Taxes			(Line 130)	261,429,998
139	Gross Revenue Requirement			(Sum Lines 134 to 138)	1,640,297,606
	Adjustment to Remove Revenue Requirements Associ	ciated with Excluded Transmission Faci	lities		
140	Transmission Plant In Service			(Line 19)	14,670,297,858
141 142	Excluded Transmission Facilities Included Transmission Facilities		(Note B & M)	Attachment 5 (Line 140 - Line 141)	14,670,297,858
143	Inclusion Ratio			(Line 142 / Line 140)	100.00%
144 145	Gross Revenue Requirement			(Line 139)	1,640,297,606
145	Adjusted Gross Revenue Requirement			(Line 143 * Line 144)	1,640,297,606
	Revenue Credits & Interest on Network Credits		44.4.0	AU 1 10	00.000.407
146 147	Revenue Credits Interest on Network Credits		(Note O) (Note N & O)	Attachment 3 Attachment 5	26,068,107 0
					1011000100
148	Net Revenue Requirement			(Line 145 - Line 146 + Line 147)	1,614,229,499
	Net Plant Carrying Charge			4	
149 150	Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned Plant			(Line 144) (Line 19 - Line 32 + Line 45 + Line 45a)	1,640,297,606 13,165,001,361
151	Net Plant Carrying Charge			(Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150)	12.4595%
152	Net Plant Carrying Charge without Depreciation			(Line 149 - Line 81) / Line 150	9.8110%
153	Net Plant Carrying Charge without Depreciation, Return	n, nor Income Taxes		(Line 149 - Line 81 - Line 119 - Line 130) / Line 150	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) Attachment 4	513,999,079
155 156	Increased Return and Taxes Net Revenue Requirement per 100 Basis Point increas	se in ROE		(Line 154 + Line 155)	1,206,713,087 1,720,712,165
157	Net Transmission Plant, CWIP and Abandoned Plant			(Line 19 - Line 32 + Line 45 + Line 45a)	13,165,001,361
158 159	Net Plant Carrying Charge per 100 Basis Point increas Net Plant Carrying Charge per 100 Basis Point in ROE			(Line 156 / Line 157) (Line 156 - Line 81) / Line 157	13.0704% 10.4218%
		•			
160 161	Net Revenue Requirement True-up amount			(Line 148) Attachment 6	1,614,229,499 25,202,660
162	Plus any increased ROE calculated on Attachment 7 o	other than PJM Sch. 12 projects not paid by	y other PJM transmission zo		6,236,736
163	Facility Credits under Section 30.9 of the PJM OATT			Attachment 5	0
164	Net Zonal Revenue Requirement			(Line 160 + 161 + 162 + 163)	1,645,668,896
	Network Zonal Service Rate				
165 166	1 CP Peak Rate (\$/MW-Year)		(Note L)	Attachment 5 (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
- 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 excense 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.
- 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).

Deficient deferred income taxes will increase tax expense by the amount of the deficiency 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

	Only Transmission Related	Plant Related	Labor Related	Total ADIT	Page 1 of 3
ADIT- 282 (Not Subject to Proration) ADIT-283 ADIT-190 Subtotal Wages & Salary Allocator Net Plant Allocator	(711,426,851) 0 0 (711,426,851)	0 (2,924,517) 0 (2,924,517) 62,8220%	(4,633,723) 0 2,554,532 (2,079,191) 18.5000%	From Acct. 282 (Not Subject to Proration) total, below From Acct. 283 total, below From Acct. 190 total, below	
End of Year ADIT End of Previous Year ADIT (from Sheet 1A-ADIT)	(711,426,851) (647,342,821)	(1,837,240) (2,526,949)	(384,650) (349,595)	(713,648,742) (650,219,365)	
Average Beginning and End of Year ADIT ADIT- 282 (Subject to Proration) Total Accumulated Deferred Income Taxes	(679,384,836) (1,324,708,263)	(2,182,095) 0	(367,123) (2,829,151)	(681,934,053) (1,327,537,414), From Acct. 282 (Subject to Proration) total, below (2,009,471,467), Appendix A, Line 44	

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
(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.

ADT-199	A	В	C	D	E	F	G
Vacation Pay   723,739	ADIT-190	Total					Justification
Vacation Pay   723.739   723.739   723.739   723.739     723			reated	redice	redicu		
Deferred Compensation   1,830,793   -   -   1,830,793	Vacation Pay	723,739	-	-	-		
Cross-up on Excess Deferred Income Taxes			-	-			
Casualty Ins Proceed   2.705.630   2.705.630   -   Receit of casualty proceeds which is larged via future decretication	Deferred Compensation	1,830,793	-	-		1,830,793	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Contribution in Aid of Construction	Gross-up on Excess Deferred Income Taxes	447.943.231		-		-	Represents gross-up on excess deferred tax balance that resides in Account 254
Customer Advances         12.525.915         -         -         The difference between Customer Advances for Construction and other services and refunded amount           Injuries and Damanges         4.350,945         -         -         Flow Through of the benefit of the payments vs and increases in the reserve           Bad Debts         19.989.234         -         -         -         Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve           Subtotal - p24         577,671,366         499,471,360         0         78,200,006           Less FASB 109 Above if not separately removed         0         0         78,200,006	Casualty Ins Proceed	2.705.630	2,705,630	_		-	Receipt of casualty proceeds which is taxed via future depreciation
Injuries and Damanges         4,350,945         -         -         Flow Through of the benefit of the payments vs and increases in the reserve           Bad Debts         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         78,200,006           Less FASB 109 Above if not separately removed         0         0         78,200,006	Contribution in Aid of Construction	11.956.405	11.956.405				Contribution in Aid of Construction
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         499,471,350         0         78,200,006           Less FASB 109 Above if not separately removed         0         0         0	Customer Advances	12.525.915	12.525.915	_	_	-	The difference between Customer Advances for Construction and other services and refunded amount
Subtotal - p234         577,571,366         499,471,380         0         78,200,006           Less FASB 109 Above if not separately removed         0         0	Injuries and Damanges	4,350,945	4,350,945	-	-	-	Flow Through of the benefit of the payments vs and increases in the reserve
Less FASB 109 Above if not separately removed - 0	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	Less FASB 106 Above if not separately removed	75,645,474				75,645,474	

Instructions for Account 190:

Total

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. 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

499,471,360

502,025,892

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	Page 2 of 3
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Wor	ksheet					
A	В.	C .	D	E	F	G
ADIT- 282 (Not Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Decreciation - Liberalized Decreciation (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)	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)		(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	В	С	D	E	F	G
ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(2,333,100,975)	(993,100,004)	(1,324,708,263)	-		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:

- 1. 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
- 2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 3. ADIT items related only to Transmission are directly assigned to Column D
- 4. ADIT items related to Plant and not in Columns C & D are included in Column E
- 5. ADIT items related to labor and not in Columns C & D are included in Column F
- 6. 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 C Gas, Prod Or Other Related Е Only Transmission Related ADIT- 283 Labor Related Plant New Jersey Corporation Business Tax (40,719,248) (40,719,248) New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT (32,582,054) (32.582.054) Demand Side management and Associated Programs - Retail Related (111.662.750) Additional Pension Deduction (111.662.750) Associated with Pension Liability not in rates Loss on Reacquired Debt (2.924.517) (2.924.517) Tax deduction when reacquired, booked amortizes to expense (37,962,417) (37,962,417 Deferred gain resulted from 2000 deregulation step up basis Deferred Gain Environmental Cleanup Costs (1,441,487) Casualty Loss (64.638.126) (64.638.126 Receipt of casualty proceeds which is taxed via future depreciation (58.576.767) (58.576.767 Clause 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 (938,879) (938,879 Performance Incentive Plan Adj The difference between the book expense and tax deduction which is based on payments (2.815.981) (2.815.981 Real Estate Taxes 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) 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) (89,042,101) Less FASB 109 Above if not separately removed (86,117,584) (86,117,584) Less FASB 106 Above if not separately removed (362,655,584) (2,924,517)

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. 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

(359,731,067)

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

	Only Transmission Related	Plant Related	Labor Related	Total ADIT	Page 1 of 3
ADIT- 282 (Not Subject to Proration) ADIT-283 ADIT-190	(647,342,821) 0 0	(4,022,394)	(4,694,285) 0 2.804.582	From Acct. 282 (Not Subject to Proration) total, below From Acct. 283 total, below From Acct. 190 total, below	
Subtotal Wages & Salary Allocator Net Plant Allocator	(647,342,821)	(4,022,394) 62.8220%	(1,889,703) 18.5000%		
End of Year ADIT	(647,342,821)	(2,526,949)	(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	В	С	D	E	F	G
ADIT-190	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
						Vacation pay earned and expensed for books, tax deduction when paid. This includes the associated non-grossed-up excess deferred tax
Vacation Pay	573,742	0	0	0	573,742	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		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	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 Damanges	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:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to labor and not in Columns C & D are included in Column F
- 5. 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

Page 2 of 3

# Public Service Electric and Gas Company ATTACHMENT H-1-0A Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2020

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	В	c	D	E	F	G
ADIT- 282 (Not Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(301,979,009)	0	(301,979,009)	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		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	В	C	D	E	F	G
ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(2.255.834.796)	(941.897.011)	(1.298.617.023)	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)	
Less FASB 109 Above if not separately removed						
Less FASB 106 Above if not separately removed						

(1,298,617,023)

(15,320,762)

### Total ADIT- 282 (Subject to Proration)

1. 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

(2,255,834,796)

- 2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 3. ADIT items related only to Transmission are directly assigned to Column D
- 4. ADIT items related to Plant and not in Columns C & D are included in Column E
- 6. 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

(941,897,011)

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

						Page 3 of 3
A	В	С	D	E	F	G
ADIT- 283	Total	Gas, Prod Or Other	Only Transmission	Plant	Labor	
7077-200		Related	Related	Related	Related	Justification
New Jersev Corporation Business Tax	(35.648.601)	(35.648.601)	0	0		0 New Jersev 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)		Tax deduction when reacquired, booked amortizes to expense
Deferred Gain	(38.328.713)	(38,328,713)	0	0		Deferred gain resulted from 2000 deregulation step up basis
Environmental Cleanup Costs	(1.441.487)	(1.441.487)	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		Receipt of casualty proceeds which is taxed via future depreciation
Clause	(61,880,151)	(61,880,151)	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		The difference between the book and tax in investment
Performance Incentive Plan Adi	(938.879)	(938.879)	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		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		Unrealized gains and losses on equity security investments
Service Company Charge Out	(2,222,884)	(2,222,884)	0	0		Allocable share of the Service Company tax reform adjustment
Miscellaneous	(1.496.119)	(1.496.119)	0	0		0 Miscellaneous Tax Adiustments
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:

- 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- 2. ADIT items related only to Transmission are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 5. 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

Oth	er 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	s & Salary Alloca	ator
3	FICA	14,983,585		
4	Federal Unemployment Tax	83,242		
5	New Jersey Unemployment Tax	624,316		
6 7	New Jersey Workforce Development	312,158		
8	Total Labor Related	16,003,301	18.5000%	2,960,611
	Other Included	Ne	t Plant Allocator	r
9		0		
10		0		
11 12		0		
	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 20	PA Corporate Income Tax 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 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)		4,700,000
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner 7 Professional Services (Note 2)		12,000,000 50,000
8 Revenues from Directly Assigned Transmission Facility Charges (Note 1) 9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)		7,342,216 4,833,125
10 Gross Revenue Credits	(Sum Lines 1-9)	29,678,301
11 Less line 18 12 Total Revenue Credits	- line 18 line 10 + line 11	(3,610,194) 26,068,107
<ul> <li>13 Revenues associated with lines 2, 7, and 9 (Note 2)</li> <li>14 Income Taxes associated with revenues in line 13</li> <li>15 One half margin (line 13 - line 14)/2</li> <li>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.</li> </ul>		5,636,085 1,584,303 2,025,891
17 Line 15 plus line 16 18 Line 13 less line 17		2,025,891 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 <u>Pacific Gas and Electric Company</u>, 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).

1,206,713,087

284,034,531

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

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

B 100 Basis Point increase in ROE 1.00%

В	100 Basis Point increase in ROE			1.00%
eturn C	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	
	Common Stock			
1	Proprietary Capital		Attachment 5	11,445,990,24
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	381,67
3	Less Preferred Stock		(Line 106)	
,	Less Account 216.1		Attachment 5	196,89
	Common Stock		(Line 96 - 97 - 98 - 99)	11,445,411,68
	Capitalization			
9	Long Term Debt		Attachment 5	9,559,323,50
)	Less Loss on Reacquired Debt		Attachment 5	45,429,39
1	Plus Gain on Reacquired Debt		Attachment 5	(
2	Less ADIT associated with Gain or Loss		Attachment 5	601,942
3	Total Long Term Debt		(Line 101 - 102 + 103 - 104 )	9,513,292,17
1	Preferred Stock		Attachment 5	
5	Common Stock		(Line 100)	11,445,411,68
6	Total Capitalization		(Sum Lines 105 to 107)	20,958,703,852
	Debt %	Total Long Term Debt	(Line 105 / Line 108)	45.49
3		Preferred Stock	(Line 106 / Line 108)	0.0%
)	Common %	Common Stock	(Line 107 / Line 108)	54.6%
)	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.039
1		Preferred Stock	(Line 95 / Line 106)	0.000
		Common Stock	(Line 114 + 100 basis points)	0.1268
	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0179
4		Preferred Stock	(Line 110 * Line 113)	0.0000
;		Common Stock	(Line 111 * Line 114)	0.0692
3	Rate of Return on Rate Base ( ROR )		(Sum Lines 115 to 117)	0.0872
7	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	922,678,556
pos	Income Taxes  Income Tax Rates			
8	FIT=Federal Income Tax Rate			21.00%
9	SIT=State Income Tax Rate or Composite			9.00%
)	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
1	T = 1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =			28.119
2	CIT = T / (1-T)			39.10%
3	1 / (1-T)			139.10%
	ITC Adjustment			
4	Amortized Investment Tax Credit	enter negative	Attachment 5	-525,18
5	1/(1-T)		1 / (1 - Line 123)	139.10%
6 7	Net Plant Allocation Factor ITC Adjustment Allocated to Transmission		(Line 18) (Line 125 * Line 126 * Line 127)	62.82209 - <b>458,94</b> 3
			(Eme 120 Eme 120 Eme 121)	100,01
8	Deficient/Excess Deferred Taxes Amortization Amortized Deficient Deferred Taxes (Account 410.1)		(Line 128a)	
9	Amortized Excess Deferred Taxes (Account 410.1)  Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Line 128a) (Line 128b)	-3,054,64
0	Total	enter negative	(Line 128b + Line 128b )	-3,054,64
1	1/(1-T)		1 / (1 - Line 123)	139.10%
2	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 128c * Line 128d )	-4,249,05
	AFUDC Equity Permanent Difference			
3	Tax Effect of AFUDC Equity Permanent Difference		(Line 128f)	1,521,949
4	1/(1-T)		1 / (1 - Line 123)	139.10%
5	AFUDC Equity Permanent Difference Tax Adjustment		(Line 128f * Line 128g )	2,117,052
8	Income Tay Component = CIT=(T/4 T) * Investment Peture * /4 /M/CI TD/D)	\ <del>-</del>		286 625 472
16	Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)	<i>)</i> –		286,625,473

47

Total Income Taxes

### Attachment 10 Current PSE&G 2021 NITS

End of Year

5,058,406

						Attachn	ent 5 - Cost Suppo	rt - December 31, 2	021				шасттісті	. 10 Ouric	int i olac	2021 IVII	J	
																		Page 1 of 3
Electric / Non-	electric Cost Support			Previous Year						Currer	t Year - 2021							Non-electric
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average	Portion
6 7 9 10	Plant Allocation Factors Electric Plant in Service (Excludes Asset Retirement Costs - ARC) Common Plant in Service - Electric Accumulated Depreciation (Total Electric Plant) Accumulated Tearpel Amortization	(Note B) (Note B) (Note B & J) (Note B)	p200.21c	24,624,456,537 222,613,510 4,328,085,234 4,956,214	24,710,400,855 221,820,366 4,361,411,057 5,135,146	24,829,497,391 221,018,348 4,393,856,994 5,314,078	24,922,924,114 221,040,055 4,426,160,379 5,493,010	25,093,622,871 234,767,210 4,459,885,702 5,671,942	25,274,241,418 243,942,260 4,494,108,841 5,867,426	25,508,188,405 250,617,756 4,530,054,778 6,062,910	25,555,904,558 255,666,760 4,566,792,270 6,258,393	25,641,529,399 260,802,063 4,603,931,579 6,453,877	25,929,865,852 266,622,666 4,638,667,879 6,649,361	26,133,945,196 273,159,312 4,673,662,153 6,844,845	26,245,719,760 278,377,702 4,708,558,576 7,040,328	26,533,210,099 286,380,293 4,739,683,591 7,235,812	25,461,808,189 248,986,792 4,532,681,464 6,075,642	
11 12	Accumulated Common Plant Depreciation - Electric Accumulated Common Amortization - Electric	(Note B & J) (Note B)	p356 p356	49,430,196 68,022,544	49,586,524 68,644,248	49,728,509 69,262,739	49,867,561 69,878,018	50,015,335 70,639,592	50,207,593 71,399,650	50,429,693 72,158,144	50,661,900 72,915,076	50,903,878 73,672,164	51,165,283 74,429,408	51,442,959 75,200,980	51,730,565 75,973,624	52,034,626 76,785,314	50,554,202 72,229,346	
19 20	Plant In Service Transmission Plant in Service ( Excludes Asset Retirement Costs - ARC) General ( Excludes Asset Retirement Costs - ARC)	(Note B) (Note B)	p207.58.g p207.99.g	14,048,172,475 338,648,398	14,093,988,808 338,285,130	14,183,744,141 337,441,923	14,254,065,474 336,526,336	14,402,646,807 335,631,907	14,542,982,140 336,113,821	14,716,734,473 337,428,668	14,737,732,806 337,399,464	14,791,764,139 337,057,353	15,052,202,472 336,763,125	15,215,120,805 336,492,282	15,230,252,138 336,351,723	15,444,465,471 337,661,003	14,670,297,858 337,061,626	
21 22	Intangible - Electric Common Plant in Service - Electric	(Note B) (Note B)	p205.5.g p356	12,588,291 222,613,510	12,588,291 221,820,366	12,588,291 221,018,348	12,588,291 221,040,055	12,588,291 234,767,210	13,978,227 243,942,260	13,978,227 250,617,756	13,978,227 255,666,760	13,978,227 260,802,063	13,978,227 266,622,666	13,978,227 273,159,312	13,978,227 278,377,702	13,978,227 286,380,293	13,443,636 248,986,792	
24 25 29	General Plant Account 397 – Communications Common Plant Account 397 – Communications Account No. 397 Directly Assigned to Transmission	(Note B) (Note B) (Note B)	p207.94g p356 Company Records	11,012,966 39,413,491 5,930,237	10,970,394 39,413,491 5,933,686	10,927,821 39,413,491 5,937,135	10,885,248 39,413,491 5,940,585	10,842,675 39,413,491 5,944,034	10,800,102 43,435,641 5,947,483	10,757,529 43,435,641 5,950,932	10,714,957 43,435,641 5,954,381	10,672,384 43,435,641 5,957,830	10,629,811 43,435,641 5,961,280	10,587,238 43,435,641 5,964,729	10,544,665 43,435,641 5,968,178	10,502,093 43,435,641 5,971,627	10,757,529 41,888,660 5,950,932	
32 33	Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation	(Note B & J) (Note B & J)	p219.28.b	1,368,726,229 148,497,394	1,391,207,305 145,679,387	1,412,208,892 142,855,392	1,433,479,122 140,024,912	1,456,838,515 137,188,092	1,480,079,578 134,354,388	1,504,296,146 131,529,524	1,528,819,711 128,704,265	1,553,363,338 125,876,460	1,576,263,842 123,046,440	1,598,902,182 120,214,364	1,621,069,785 117,381,127	1,643,599,815 114,556,692	1,505,296,497 131,531,418	
34 35 41	Accumulated Common Plant Depreciation & Amortization - Electric Accumulated General Depreciation Associated with Acct. 397 Acc. Deprec. Acct. 397 Directly Assigned to Transmission		p356 Company Records Company Records	113,264,187 22,252,297 5,396,345	114,042,219 22,548,340 5,432,992	114,802,695 22,844,028 5,469,667	115,557,026 23,139,361 5,506,371	116,466,374 23,434,340 5,543,104	117,418,689 23,762,482 5,579,866	118,399,284 24,090,268 5,616,656	119,388,423 24,417,701 5,653,475	120,387,489 24,744,778 5,690,323	121,406,138 25,071,501 5,727,199	122,455,386 25,397,868 5,764,104	123,515,635 25,723,882 5,801,038	124,631,386 26,049,540 5,838,001	118,594,995 24,113,568 5,616,857	
Wages & Sala	у																	
Line #s	Descriptions	Notes	Page #'s & Instructions														End of Year	
2 3 1	Total Wage Expense Total A&G Wages Expense Transmission Wages	(Note A) (Note A)	p354.28b p354.27b p354.21b														208,105,351 6,000,000 37,389,490	
Transmission	/ Non-transmission Cost Support																	
Line #s	Descriptions	Notes	Page #'s & Instructions												Beginning Year Balance	End of Year	Average	
	Plant Held for Future Use (Including Land)	(Note C & Q)	p214.47.d												20,771,176	21,982,176	21,376,676	
46	Transmission Only														20,275,999	21,486,999	20,881,499	
Prepayments												E	lectric Beginning	Electric End of		Wage & Salary		
Line #s	Descriptions Prepayments	Notes	Page #'s & Instructions									Previous Year	Year Balance		Average Balance	Allocator	To Line 47	
47	Prepayments	(Note A & Q)	p111.57c								ı	19,315,413	2,527,014	2,527,014	2,527,014	18.500%	467,498	
Materials and	Supplies														Beginning Year			
Line #s	Descriptions	Notes	Page #'s & Instructions												Balance	End of Year	Average	
	Materials and Supplies																	
48 51	Undistributed Stores Exp Transmission Materials & Supplies	(Note Q) (Note N & Q)	p227.16.b,c ) p227.8.b,c												5,684,040	6,081,923	5,882,981	
Outstanding N	letwork Credits Cost Support														Beginning Year			
Line #s	Descriptions Network Credits	Notes	Page #'s & Instructions												Balance	End of Year	Average	
56	Outstanding Network Credits	(Note N & Q)	) From PJM												0	0	0	
O&M Expense	5																	
Line #s	Descriptions Transmission O&M	Notes (Note O)	Page #'s & Instructions p.321.112.b														End of Year 123,700,000	
60	Transmission Oaw Transmission Lease Payments	(Note O)	p321.96.b														-	

Property Insurance Expenses

Property Insurance Account 924

Notes Page #'s & Instructions

(Note O) p323.185b

Page 2 of 3 Adjustments to A & G Expense Notes Page #'s & Instructions End of Year 62 Total A&G Expenses p323.197b 104,867,700 Actual PBOP expense Actual PBOP expense 63 64 (42,325,481) (42,325,481) Regulatory Expense Related to Transmission Cost Support Notes Page #'s & Instructions End of Year Related Allocated General & Common Expenses 66 Regulatory Commission Exp Account 928 (Note E & O) p323.189b 10 718 936 Directly Assigned A&G Regulatory Commission Exp Account 928 (Note G & O) p351.11-13h 600,000 600,000 General & Common Expenses End of Year EPRI Dues Notes Page #'s & Instructions Less EPRI Dues (Note D & O) p352-353 0 0 68 Safety Related Advertising Cost Support Line #s Descriptions Notes Page #'s & Instructions End of Year 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 Notes Page #'s & Instructions End of Year Other Directly Assigned A&G General Advertising Exp Account 930.1 (Note K & O) p323.191b 2,576,107 2,576,107 Depreciation Expense ine #s Descriptions Notes Page #'s & Instructions End of Year Depreciation Expense (Note J & O) p336.7.f (Note J & O) p336.10&11.f (Note J & O) Company Records (Note A & O) p336.1.f (Note J & O) Company Records 348,684,591 Depreciation-Transmission 27,132,186 5,283,117 16,484,348 595,266 82 83 85 89 Depreciation-General & Common Depreciation-General Expense Associated with Acct. 397 Depreciation-Intangible
Transmission Depreciation Expense for Acct. 397 Direct Assignment of Transmission Real Estate Tax

Direct Assignment of Transmission Real Estate Taxes

	Line #s	Descriptions N	tes Page #'s & Instructions	End of Year	Related	Transmission
Г	92	Real Estate Taxes - Directly Assigned to Transmission	p263.33i	25,030,000	11,184,000	13,846,000
- 1						

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

Page 3 of 3

_ine #s	Descriptions	Notes	Page #'s & Instructions	2018 End of Year	2019 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.c,d	10,948,602,528	11,943,377,961	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)	p112-15-cd p119-33-cdd	271,890	121,890	381,672 196,890
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 V	Vorkpa	ρe
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Line #s	Descriptions	Notes Page #'s & instructions	State 1	State 2	State 3
	Income Tax Rates				
121		(Note t)	NJ 9.00%		

#### Amortized Investment Tax Credit

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

#### 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
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

Line #s	Descriptions	Notes Page #5 & Instructions	End of Year
147	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
163	Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT		0

### PJM Load Cost Support

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

Abandoned To	ansmis	sion Projects							
Line #s	Des	criptions		BRH Pi	roject	Projec	t X	Proj	ect Y
Attachment 7	a b 81 c	Years remaining in Amortization Period F	Per FERC Order Per FERC Order (line a / line b)	\$ \$	- (	3	- \$ - \$	\$ \$ \$	
	d e		(line a - line c) (line a + d)/2	\$		5	- :	\$ \$	-
Attachment 7	g h i	Rate Base (	(Appendix A line 137+ line 138) (Appendix A line 58) (line g / line h)	s s	- :	8	- !	s s	-
		Docket No. ER12-2274-000 authorizing \$3,500,000 amortization over one-year recovery of BRH Abandor	ned 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:

- Beginning with 2009, no later than June 15 of each year PSE&G shall recalculate an adjusted Annual Transmission (i) 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
- 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 (ii) (True-Up Adjustment Before Interest).
- The True-Up Adjustment shall be determined as follows: (iii)

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

Sum of (the monthly rates for the 10 months ending October 31 of the current year and the monthly rates for the Where: 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

- 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.
- 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

ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment. ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment. A B C D Difference (A-B)

Future Value Factor (1+i)^24

True-up Adjustment (C\*D)

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%

1,191,163,080 1,167,126,032

24,037,048 <Note: for the first rate year, divide this 1.04849 reconciliation amount by 12 and multiply 25,202,660 by the number of months and fractional months the rate was in effect.

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2021

														Page 1 of 12
							Estimated Additi	nns - 2021						
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(l)	(J)	(K)	(L)	(M)	(N)
													Convert the F-	Convert the F-
							Convert the R-1318				Convert the N-1340	Convert the N-1340	1358/Z-1326 and K-	1358/Z-1326 and K-
									Convert the R-1318		and T-1372/D-1330		1363/Y-1325	1363/Y-1325
			New 500/230 kV		Roseland-					Convert the N-1340 and	(Brunswick -	(Brunswick -	(Trenton -	(Trenton -
		New 500 kV bay at	autotransformer at			Branchburg-Pleasant	circuits to one 230		Metuchen) 138 kV	T-1372/D-1330	Trenton) 138 kV	Trenton) 138 kV		Burlington) 138 kV
		Hope Creek	Hope Creek and a	Rebuild Aldene-	corridor rebuild	Valley 230kV corridor	kV circuit	circuits to one 230		(Brunswick - Trenton)	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV
		(Expansion of Hope	new Hope Creek	Warinanco-Linden	(Readington -	rebuild (Branchburg -	(Brunswick -	kV circuit (Meadow		138 kV circuits to 230	circuits (Brunswick -	circuits (Devils	circuits (Trenton -	circuits (Yardville -
		Creek substation)	230 kV substation	VFT 230kV Circuit	Branchburg)	East Flemington)	Meadow Road)	Road - Pierson	Ave - Metuchen)	kV circuits (Hunterglen -	Devils Brook)	Brook - Trenton)	Yardville K)	Ward Ave K)
	Other Projects PIS (monthly additions)	(b2633.4) (Monthly Additions)	(b2633.5) (Monthly Additions)	(b2955)	(b2986.12) ( Monthly Additions)	(b2986.21) (Monthly Additions)	(b2835.1) ( Monthly Additions)	Ave) (b2835.2) ( Monthly Additions)	(b2835.3) (Monthly Additions)	Trenton) (b2836.2) (Monthly Additions)	(b2836.3)	(b2836.4) (Monthly Additions)	(b2837.1)	(b2837.2) (Monthly Additions)
	additions)													
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec-20	13.399.554.522	13.613.262	54.005.474	94.977.621	0	0	87.918.636	55,736,445	8.574.693	77.065.300	50.370.301	96.455.259	22.010.124	8.102.219
Jan	32,827,635	(5,738)	2,695,738	833,749		0	287,825	183,613	24,053	383,036	222,092	470,243	782,546	284,535
Feb Mar	33,761,359	112,258	362,742	835,293	0	0	74,305	47,401	8,509	46,966	23,802 22,313	56,312	5,283,879	1,429,117
	68,823,401	257,834	19,166	762,621	0	0	37,620	23,999	5,839 8,577	41,319 39.767		50,080		
.Apr	118,972,325	26,739,431	320,569 277,905	225,037	- 0	- 0	75,231	47,992	3.100	39,767	24,526	49,398 39,703	168,544	58,915
May Jun	84,288,275 126,162,700	271,095 214,699	277,905	130,197 51,248	487.694	46.068.010	0	0	3,100	32,069	19,441	39,703	5,708,193 18,258	1,483,344 36,237
Jul	17.850.764	134.864	130.020	51,248	2.169	1.192.088	0		3,100	82.281	56.703	104.547	90.881	62.114
	51,147,270	134,004	74.232	0	2,109	1,192,088	0		3,100	44,782	30.861	56.900	109.621	28,267
Aug Sep	257.560.799	140,700	67.338	0	0	1,178,857			3.100	13.522	9.319	17.181	153.115	39,483
Oct	160.036.260	130.628	55.990		0	1,1/0,03/			3,100	13,322	9,319	17.019	157.734	40.674
Nov	12.864.668	33,290	33,238	0	0	657.795	5.680	3.623	3,100	13,395	9.232	17,019	157,734	40,669
Dec	211.967.927	19.589	19.536	0	0	657,561	0,000	3,023	3,312	32.003	22.055	40.664	156.073	40,009
Total	14,575,817,905	41,811,787	58,285,249	97,815,766	489,863	52,106,859	88,399,297	56,043,073	8,643,783	77,807,835	50,819,876	97,374,325	34,796,685	11,645,817

					Estimated Tran	smission Enhancement	Charges (Before True-I	Jp) - 2021					
											l	L	
						Metuchen		Flagtown-Somerville		Wave Trap		Reconductor South	
	Branchburg		Essex Aldene	New Freedom	New Freedom Loop	Transformer	Flagtown-	Bridgewater	Roseland Transformers	Branchburg	Hudson - South	Mahwah J-3410	Mahwah K-3411
Total Projects	(B0130)	Kittatinny (B0134)	(B0145)	Trans.(B0411)	(B0498)	(B0161)	Somerville (B0169)	(B0170)	(B0274)	(B0172.2)	Waterfront (B0813)	Circuit (B1017)	Circuit (B1018)
642.350.288	1,789,054	730.880	7.830.196	1,983,919	2,526,766	2.437.967	1,490,638	651,110	1,994,950	2,552	900.866	2,051,721	2,131,453

								Actual Addition						
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	(N)
	Other Projects PIS (monthly additions)													
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)						
Dec-20														
Jan														
Feb														
Mar														
Apr														
May														
Jun														
Jul														
Aug														
Sep														
Oct														
Nov Dec														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0

						Actu	al Transmission Enhanc	ement 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)	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	592,552	1,813,000	2,328	816,044	1,856,673	1,926,706
		1				- R	teconciliation by Project	(without interest)	1					
		Branchburg		Essex Aldene	New Freedom	New Freedom Loop	Metuchen Transformer	Branchburg-	Flagtown-Somerville Bridgewater	Roseland Transformers	Wave Trap Branchburg	Reconductor Hudson - South	Reconductor South Mahwah J-3410	Reconductor South Mahwah K-3411
	Total Projects	(B0130)	Kittatinny (B0134)	(B0145)	Trans.(B0411)	(B0498)	(B0161)	Flagtown- Somerville (B0169)	(B0170)	(B0274)	(B0172.2)	Waterfront (B0813)	Circuit (B1017)	Circuit (B1018)
	18.968.050	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
Indonest		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 3,382,775	Branchburg (B0130) 3,142	Kittatinny (B0134) 2,722	Essex Aldene (B0145) 29,153	New Freedom Trans.(B0411) 7,361	New Freedom Loop (B0498) 9,490	Metuchen Transformer (B0161) 9,191	Branchburg- Flagtown- Somerville (B0169) 5,615	Flagtown-Somerville Bridgewater (B0170) 2,444	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813) 3,425	Mahwah J-3410 Circuit (B1017)	Reconductor South Mahwah K-3411 Circuit (B1018) 7,376
						Estimated Trai	nsmission Enhancemen	t Charges (After True-U	p) - 2021					
	Total Projects 645,733,063	Branchburg (B0130) 1,792,195	Kittatinny (B0134) 733,602	Essex Aldene (B0145) 7,859,350	New Freedom Trans.(B0411) 1,991,280	New Freedom Loop (B0498) 2,536,256	Metuchen Transformer (B0161) 2,447,159	Branchburg- Flagtown- Somerville (B0169) 1,496,253	Flagtown-Somerville Bridgewater (B0170) 653,554	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2) 2,561	Reconductor Hudson - South Waterfront (B0813) 904,290	Reconductor South Mahwah J-3410 Circuit (B1017) 2,059,545	Reconductor South Mahwah K-3411 Circuit (B1018) 2,138,829
				(000)000	1,001,000		.,,				2,021			

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment &A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2021

Page 2 of 12

New 500/230 kV autotransformer at Hope Creek and a nev Hope Creek 230 kV substation (b2633.5)

tation (b2633.5) (in service) 54.005.474 56.701.212 57.083.954 57.083.120 57.403.689 57.881.57 59.04.895 58.034.915 58.109.147 58.176.485 58.232.475 58.285,713

746,947,922

57,457,532 12.82

New 500 kV bay at Hope Creek (Expansion of Hope Creek substation) (b2633.4)

(b263.4) (in service) 13.613.262 13.607.524 13.719.782 13.977.616 40.717.047 40.988.142 41.202.841 41.337.705 41.486.473 41.628.280 41.758.908 41.759.908

427,641,565

Other Projects PIS

13.399.554.522 13.432.382.157 13.468.143.516 13.534.968.917 13.653.939.242 13.738.227.517 13.864.390.217 13.862.240.981 14.190.949.050 14.350.985.310 14.363.484.978 14.575.817.905

180,386,835,563

13,875,910,428

						Estim	ated Additions - 2021				
(0)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	1
	Convert the F-										Γ
Convert the F-	1358/Z-1326 and K-	Convert the F-	Convert the F-	Convert the F-	Convert the F-	Convert the F-		l			1
1358/Z-1326 and K-	1363/Y-1325		1358/Z-1326 and K-					Convert the F-1358/Z-			1
1363/Y-1325	(Trenton -	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	1326 and K-1363/Y-	1326 and K-1363/Y-			1
(Trenton -	Burlington) 138 kV	(Trenton -	(Trenton -	(Trenton -	(Trenton -	(Trenton -	1325 (Trenton -	1325 (Trenton -			1
Burlington) 138 kV	circuits to 230 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV			1
circuits to 230 kV	circuits	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV			1
circuits (Ward Ave -	(Crosswicks -	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -		circuits (Crosswicks	circuits (Williams -	circuits (Bustleton -			1
Crosswicks Y)	Bustleton Y)	Burlington Y)	Yardville F)	Ward Ave F)	Crosswicks Z)	- Williams Z)	Bustleton Z)	Burlington Z)			1
(b2837.3)	(b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)			1
(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)	(Monthly Additions)			0
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)			
5,242,150	10,411,094	9,442,026	21,878,630	7,719,449	5,242,150	1,935,515	8,475,579	9,442,026		Dec-20	
251,063	1,120,094	1,210,178	782,546	284,535	251,063	69,779	1,050,315	1,807,433		Jan	_
1,173,580	9,329,333	10,070,082	5,283,879	1,429,117	1,173,580	442,238	8,741,499	10,070,082		Feb	_
0	0	0	0	0	0	0	0	277,141		Mar	
49,800	377,582	400,494	168,544	58,915	49,800	13,679	363,904	368,303		Apr	
1,202,304	8,918,248	10,345,051	5,708,193	1,483,344	1,202,304	477,823	8,440,425	10,304,319		May	
29,405	74,198	113,118	18,258	36,237	29,405	9,707	64,490	112,268		Jun	
50,499	225,208	259,043	90,881	62,114	50,499	20,200	205,009	325,349		Jul	Г
22,981	170,752	186,149	109.621	28,267	22,981	9,193	311,559	336,149		Aug	
32,100	238,500	260,007	153,115	39,483	32,100	12,840	225,660	260,007		Sep	
33,068	245,695	267,850	157,734	40,674	33,068	13,227	232,468	267,850		Oct	
33,064	245,668	267,822	157,717	40,669	33,064	13,226	232,443	267,822		Nov	Г
32,720	243,106	278,614	156,072	40,244	32,720	13,086	230,018	231,102		Dec	┖
8,152,734	31,599,478	33,100,434	34,665,190	11,263,048	8,152,734	3,030,513	28,573,369	34,069,851		Total	
										Average 13 Month Balance	Г
										Average 13 Month in service	Γ
										13 Month Average CWIP to Appendix A, line 45	

					Estir	mated Transmission Enh	ancement Charges (Before	e True-Up) - 2021					
		Branchburg-											
		Sommerville-	Somerville-	New Essex-Kearny									
Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	138 kV circuit and	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden-	Susquehanna	Susquehanna	Susquehanna	Burlington - Camden
MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	Kearny 138 kV bus		Switching Station	Middlesex Switch	Aldene-Springfield Rd.	Richmond 230kV	Roseland Breakers	Roseland < 500KV	Roseland >	230kV Conversion
(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	tie (B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	(b0489.5-B0489.15)	(B0489.4)	500KV (B0489)	(B1156)
7.828.202	1,466,391	1.895.700	654.111	2.393.133	1.675.986	2,268,369	6,614,992	7,755,021	1.213.273	613.058	4,515,511	81.530.281	07 500 500
7,828,202	1,466,391	1,895,700	654,111	2,393,133	1,675,986	2,268,369	6,614,992	7,755,021	1,213,273	613,058	4,515,511	61,530,281	37,563,509

					Actus	Additions - 2021							
(0)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	m	(Z)	(AA)	(AB)
						Other Projects PIS	•						
(in service)	(in service)	(in service)	(in service)				(in service)						
					Dec-20		0	0	0	0	0	0	0
					Jan		0	0	0	0	0	0	0
					Feb		0	0	0	0	0	0	
					Mar		0	0	0	0	0	0	0
					Apr		0	0	0	0	0	0	0
					May		0	0	0	0	0	0	
					Jun		0	0	0	0	0	0	
					Jul		0	0	0	0	0	0	0
					Aug		0	0	0	0	0	0	0
					Sep		0	0	0		0	0	0
					Oct		0	0	0	0	0	0	
					Nov		0	0	0	0	0	0	
					Dec		0	0	0	0	0	0	0
0	0	0	0		Total		0	0	0	0	0		
				•	Average 13 Month Balance		0	0	0	0	0		
					Average 13 Month in service		-		-	-			
					CWIP to Appendix A, line 45								

													Page 8 of 12
						Actual Transmissi	on Enhancement Charges	- 2019					
		Branchburg- Sommerville-	Somerville-	New Essex-Kearny									
Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	138 kV circuit and	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden-	Susquehanna	Susquehanna	Susquehanna	Burlington - Camden
MVAR Capacitor	Athenia Upgrade	Reconductor				Switching Station	Middlesex Switch	Aldene-Springfield Rd.	Richmond 230kV	Roseland Breakers	Roseland < 500KV	Roseland >	230kV Conversion
(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	tie (B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	(b0489.5-B0489.15)	(B0489.4)	500KV (B0489)	(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 interes	1)					
Г														
П														
П														
П														
П														
П														
П			Branchburg-											
П			Sommerville-	Somerville-	New Essex-Kearny									
П	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	138 kV circuit and	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden-	Susquehanna	Susquehanna	Susquehanna	Burlington - Camden
П	MVAR Capacitor	Athenia Upgrade	Reconductor		Kearny 138 kV bus		Switching Station	Middlesex Switch	Aldene-Springfield Rd.		Roseland Breakers	Roseland < 500KV	Roseland >	230kV Conversion
L	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	tie (B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	(b0489.5-B0489.15)	(B0489.4)	500KV (B0489)	(B1156)
Г	16,439	5,362	6,928	2,395	12,129	6,076	7,861	14,059	27,412	4,492	3,299	24,622	434,545	137,970

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) -20	19					
		Branchburg-											
		Sommerville-	Somerville-	New Essex-Kearny									
Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	138 kV circuit and		230kV Lawrence	Branchburg-		Upgrade Camden-	Susquehanna	Susquehanna	Susquehanna	Burlington - Camden
MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	Kearny 138 kV bus		Switching Station	Middlesex Switch	Aldene-Springfield Rd.	Richmond 230kV	Roseland Breakers	Roseland < 500KV	Roseland >	230kV Conversion
(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	tie (B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	(b0489.5-B0489.15)	(B0489.4)	500KV (B0489)	(B1156)
17,236	5,622	7,264	2,511	12,717	6,370	8,242	14,741	28,741	4,710	3,459	25,816	455,617	144,661

ı						Est	imated Transmission En	hancement Charges (After	True-Up) - 2021					
-[														
- 1														
- 1														
- 1														
- 1														
- 1			Branchburg-											
- 1			Sommerville-		New Essex-Kearny				l					
- 1	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	138 kV circuit and	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden-	Susquehanna	Susquehanna	Susquehanna	Burlington - Camden
- 1	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	Kearny 138 kV bus	breakers (B1410-	Switching Station	Middlesex Switch	Aldene-Springfield Rd.	Richmond 230kV	Roseland Breakers	Roseland < 500KV	Roseland >	230kV Conversion
- 1	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	tie (B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	(b0489.5-B0489.15)	(B0489.4)	500KV (B0489)	(B1156)
ı	7,845,438	1,472,013	1,902,963	656,622	2,405,850	1,682,357	2,276,611	6,629,733	7,783,762	1,217,983	616,517	4,541,327	81,985,898	37,708,170

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2021

													Page 3 of 12
						Estimated Additio	ns - 2021						
(AC)	(AD)	(AE)	(AF)	AG)	(AH)	(AI)	AJ)	(AK)	(AL)	(AM)	(AN)	(AO)	(AP)
						Convert the N-		Convert the N-	Convert the F-			Convert the F-	Convert the F-
				Convert the R-	Convert the R-	1340 and T-		1340 and T-	1358/Z-1326	Convert the F-	Convert the F-	1358/Z-1326 and	1358/Z-1326 an
			Convert the R-1318	1318 and Q1317	1318 and Q1317	1372/D-1330	Convert the N-1340	1372/D-1330	and K-1363/Y-	1358/Z-1326 and K-	1358/Z-1326 and	K-1363/Y-1325	K-1363/Y-1325
	Roseland-		and Q1317 (Edison -	(Edison -	(Edison -	(Brunswick -	and T-1372/D-1330	(Brunswick -	1325 (Trenton -	1363/Y-1325	K-1363/Y-1325	(Trenton -	(Trenton -
	Branchburg	Branchburg-	Metuchen) 138 kV	Metuchen) 138 kV		Trenton) 138 kV	(Brunswick -	Trenton) 138 kV	Burlington) 138	(Trenton -	(Trenton -	Burlington) 138	Burlington) 138
	230kV corridor	Pleasant Valley	circuits to one 230	circuits to one 230			Trenton) 138 kV	circuits to 230	kV circuits to	Burlington) 138 kV	Burlington) 138	kV circuits to 230	kV circuits to 23
Rebuild Aldene-	rebuild	230kV corridor	kV circuit	kV circuit	kV circuit	circuits	circuits to 230 kV	kV circuits	230 kV circuits	circuits to 230 kV	kV circuits to 230	kV circuits	kV circuits
Warinanco-Linden	(Readington -	rebuild (Branchburg	(Brunswick -	(Meadow Road -	(Pierson Ave -	(Hunterglen -	circuits (Brunswick -	(Devils Brook -	(Trenton -	circuits (Yardville -	kV circuits (Ward	(Crosswicks -	(Bustleton -
VFT 230kV Circuit	Branchburg)	East Flemington)	Meadow Road)	Pierson Ave)	Metuchen)	Trenton)	Devils Brook)	Trenton)	Yardville K)	Ward Ave K)	Ave - Crosswicks	Bustleton Y)	Burlington Y)
(b2955)	(b2986.12)	(b2986.21)	(b2835.1)	(b2835.2)	(b2835.3)	(b2836.2)	(b2836.3)	(b2836.4)	(b2837.1)	(b2837.2)	Y) (b2837.3)	(b2837.4)	(b2837.5)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
94,977,621	0	0	87,918,636	55,736,445	8,574,693	77,065,300	50,370,301	96,455,259	22,010,124	8,102,219	5,242,150	10,411,094	9,442,02
95,811,370		0	88,206,461	55,920,058	8,598,746	77,448,336	50,592,393	96,925,502	22,792,670	8,386,754	5,493,213	11,531,188	10,652,20
96,646,663	0	0	88,280,766	55,967,459	8,607,255	77,495,302	50,616,195	96,981,814	28,076,549	9,815,871	6,666,793	20,860,521	20,722,28
97,409,284	0	0	88,318,386	55,991,458	8,613,094	77,536,621	50,638,508	97,031,894	28,076,549	9,815,871	6,666,793	20,860,521	20,722,28
97,634,321	0	0	88,393,617	56,039,450	8,621,671	77,576,388	50,663,034	97,081,292	28,245,093	9,874,786	6,716,593	21,238,103	21,122,78
97,764,518		0	88,393,617	56,039,450	8,624,771	77,608,457	50,682,475	97,120,995	33,953,286	11,358,130	7,918,897	30,156,351	31,467,83
97,815,766	487,694	46,068,010	88,393,617	56,039,450	8,627,871	77,608,457	50,682,475	97,120,995	33,971,544	11,394,367	7,948,302	30,230,549	31,580,949
97,815,766	489,863	47,260,098	88,393,617	56,039,450	8,630,971	77,690,738	50,739,178	97,225,542	34,062,425	11,456,481	7,998,801	30,455,757	31,839,992
97,815,766	489,863	48,449,978	88,393,617	56,039,450	8,634,071	77,735,520	50,770,039	97,282,442	34,172,046	11,484,748	8,021,782	30,626,509	32,026,14
97,815,766	489,863	49,628,835	88,393,617	56,039,450	8,637,171	77,749,042	50,779,358	97,299,623	34,325,161	11,524,231	8,053,882	30,865,009	32,286,14
97,815,766	489,863	50,791,503	88,393,617	56,039,450	8,640,271	77,762,437	50,788,589	97,316,642	34,482,895	11,564,905	8,086,950	31,110,704	32,553,998
97,815,766	489,863	51,449,298	88,399,297	56,043,073	8,643,783	77,775,832	50,797,821	97,333,661	34,640,612	11,605,574	8,120,014	31,356,372	32,821,821
97,815,766	489,863	52,106,859	88,399,297	56,043,073	8,643,783	77,807,835	50,819,876	97,374,325	34,796,685	11,645,817	8,152,734	31,599,478	33,100,43
1.264.954.139	3.426.872	345.754.581	1.148.278.162	727.977.716	112.098.151	1.008.860.265	658.940.242	1.262.549.986	403.605.639	138.029.754	95.086.904	331.302.156	340.338.89
97,304,165	263,606	26,596,506	88,329,089	55,998,286	8,622,935	77,604,636	50,687,711	97,119,230	31,046,588	10,617,673	7,314,377	25,484,781	26,179,915
12.93	7.00	6.64	12.99	12.99	12.97	12.97	12.97	12.97	11.60	11.85	11.66	10.48	10.28
	1	ı	ı	1	1		I	1	1	1		I	ı

					Estimated Transmit	ssion Enhancement C	harges (Before True-Up	) - 2021					
Mickleton-Gloucester- Camden(B1388- B1398.7)	North Central Reliability (West Orange Corversion) (B1154)	Northeast Grid Reliability Project	Northeast Grid Reliability Project (B1304.5-B1304.21)	138 kV path to double circuit 345 kV and associated substation upgrades	to 345 kV and any	"C" 138 kV circuit	Bayway - Bayonne		North Ave - Airport 345 kV	138 kV circuit to	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	convert it to 345	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
	, , ,		, ,	,,	,	,,	,,	,	,	,,	(,	,,	
47 579 304	38 556 871	68 933 172	39 155 285	19 975 383	7 511 002	5 552 878	18 246 726	14 607 545	7 550 479	4 959 375	9.406.987	6 261 073	6 261 073

				Actual Additions - 202	1				
(AC)	(AD)	(AE)	(AF)	AG)	(AH)	(AI)	AJ)	(AK)	(AL)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)				
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0		0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
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					Actual Tr	ansmission Enhance	ment Charges - 2019						
Mickleton-Gloucester Camder(B1388- B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Northeast Grid Reliability Project (B1304.5-B1304.21)		Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	"C" 138 kV circuit	Construct a new Bayway - Bayonne 345 KV circuit and any associated substation upgrades (B2436.33)		North Ave - Airport 345 kV	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)		circuit to Bayway, convert it to 345	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

					Reco	nciliation by Project (	vithout interest)						
										Relocate the		Relocate the	
										underground		overhead portion	
										portion of North		of Linden - North	
				Convert the	Convert the	Convert the		Construct a new			Construct a new	Ave "T" 138 kV	Convert the
				Bergen - Marion	Marion - Bayonne		Construct a new	North Ave -	North Ave -	138 kV circuit to			Bayway - Linden
				138 kV path to	"L" 138 kV circuit		Bayway - Bayonne				345 kV circuit	convert it to 345	"Z" 138 kV circuit
	North Central			double circuit 345	to 345 kV and any	to 345 kV and	345 kV circuit and	circuit and any		to 345 kV, and any	and any	kV, and any	to 345 kV and any
	Reliability (West			kV and associated	associated	any associated	any associated	associated	associated	associated	associated	associated	associated
Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation
Camden(B1398-	Conversion)	Reliability Project	Reliability Project	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades
B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)
178,275	135,396	282,127	(530,283)	(30,997)	230,680	170,354	(559,653)	243,319	39,903	(617,389)	(682,673)	605,068	605,068

 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

					,	rue Up by Project (w	ith interest) -2019						
										Relocate the		Relocate the	
										underground		overhead portion	
										portion of North		of Linden - North	
				Convert the	Convert the	Convert the		Construct a new			Construct a new		Convert the
					Marion - Bayonne			North Ave -	North Ave -			circuit to Bayway,	Bayway - Linden
							Bayway - Bayonne				345 kV circuit	convert it to 345	"Z" 138 kV circuit
	North Central			double circuit 345		to 345 kV and		circuit and any		to 345 kV, and any	and any		to 345 kV and any
	Reliability (West			kV and associated	associated	any associated	any associated	associated	associated	associated	associated	associated	associated
Mickleton-Glouceste	r- Orange	Northeast Grid	Northeast Grid	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation
Camden(B1398-	Conversion)	Reliability Project	Reliability Project	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades
B1398.7)	(B1154)		(B1304.5-B1304.21)		(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)
186,920	141,962	295,808	(555,997)	(32,501)	241,866	178,615	(586,792)	255,118	41,838	(647,328)	(715,778)	634,409	634,409

					Estimated Transm	ission Enhancement	Charges (After True-Up)	- 2021					
										Relocate the underground		Relocate the overhead portion	ĺ
										portion of North		of Linden - North	1
				Convert the	Convert the	Convert the		Construct a new		Ave - Linden "T"	Construct a new		Convert the
					Marion - Bayonne		Construct a new	North Ave -	North Ave -			circuit to Bayway,	
							Bayway - Bayonne				345 kV circuit		
	North Central			double circuit 345	to 345 kV and any		345 kV circuit and	circuit and any	circuit and any	to 345 kV, and any	and any	kV, and any	to 345 kV and any
	Reliability (West			kV and associated	associated	any associated	any associated	associated	associated	associated	associated	associated	associated
Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation
Camden(B1398-	Conversion)	Reliability Project	Reliability Project	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades
B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)
47 766 224	38 698 833	69 228 980	38 599 288	19 942 882	7 752 868	5 731 493	17 659 934	14 862 664	7 592 318	4 312 047	8 691 210	6.895.482	6 895 482

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2021

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	Estimated Additions-20				
(AQ)	(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)	Convert the F- 1358/Z-1326 and K- 1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F)	Convert the F- 1358/Z-1326 and K- 1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Z)	Convert the F- 1358/Z-1326 and K- 1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z)	Convert the F-1358/Z- 1326 and K-1363/Y- 1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z)	Convert the F- 1358/Z-1326 an K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 23 kV circuits (Bustleton - Burlington Z)
(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
21,878,630	7,719,449	5,242,150	1,935,515	8,475,579	9,442,026
22,661,176	8,003,984	5,493,213	2,005,294	9,525,894	11,249,459
27,945,055	9,433,101	6,666,793	2,447,532	18,267,393	21,319,541
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	2,939,034	27,071,722	32,269,304
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
34.040.552	11,101,978	8.021.782	2,978,134	27.652.780	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	33.838.749
34,665,190	11,263,048	8,152,734	3,030,513	28,573,369	34,069,851
401,896,216	133,053,745	95,086,904	35,175,049	295,275,559	350,756,164
30,915,094	10,234,903	7,314,377	2,705,773	22,713,505	26,981,243
11.59	11.81	11.66	11.61	10.33	10.30
	I	1	1		1

1						Estimat	ed Transmission Ent	ancement Charges (Befo	re True-Up) - 2021					
Г														
			Relocate Farragut -	Relocate the		New Bergen	New Bayway	l			l			
		Convert the Bayway		Hudson 2		345/138 kV	345/138 kV			New Bayonne				
	convert the Bayway -	- Linden "M" 138 kV	345 kV circuits to	generation to inject		transformer #1	transformer #1	New Bayway		345/69 kV				
	Linden "W" 138 kV				New Bergen 345/230		and any	345/138 kV		transformer and				
c		and any associated	any associated		kV transformer and	associated	associated		New Linden 345/230 kV	any associated	Upgrade Eagle			
	any associated	substation	substation	associated	any associated	substation	substation	any associated	transformer and any	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-
8	ubstation upgrades	upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	associated substation	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV
L	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)
Г	6 076 720	6 226 070	2 407 270	2 702 000	2 000 702	2 000 702	1 011 004	4 044 977	2 075 207	1 604 064	4 244 207	2 420 740	4 027 294	2 544 005

														Page 10 of 12
							Actual Transmissi	on Enhancement Charges	- 2019					
1														
1			Relocate Farragut -	Relocate the		New Bergen	New Bayway							
1		Convert the Bayway				345/138 kV	345/138 kV			New Bayonne				
	the Bayway -	- Linden "M" 138 kV	345 kV circuits to	generation to inject		transformer #1	transformer #1	New Bayway		345/69 kV				
	"W" 138 kV				New Bergen 345/230		and any	345/138 kV		transformer and				
		and any associated	any associated	Marion and any	kV transformer and	associated	associated		New Linden 345/230 kV	any associated	Upgrade Eagle			
	ssociated	substation	substation	associated	any associated	substation	substation	any associated	transformer and any	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-
	on upgrades	upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	associated substation	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV
(B24	436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)
	5,438,154	5,438,154	3,124,607	2,494,579	2,780,686	2,780,686	903,008	902,986	3,470,539	1,508,145	1,177,840	1,912,015	4,402,674	3,151,751

1							Reconciliation	by Project (without intere	st)					
			Relocate Farragut -	Relocate the		New Bergen	New Bayway							
		Convert the Bayway		Hudson 2		345/138 kV	345/138 kV			New Bayonne				
		- Linden "M" 138 kV				transformer #1	transformer #1	New Bayway		345/69 kV				
	Linden "W" 138 kV				New Bergen 345/230		and any	345/138 kV		transformer and				
	circuit to 345 kV and	and any associated	any associated	Marion and any	kV transformer and	associated	associated	transformer #2 and	New Linden 345/230 kV	any associated	Upgrade Eagle			
	any associated	substation	substation	associated	any associated	substation	substation	any associated	transformer and any	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-
	substation upgrades	upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	associated substation	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV
	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)
	723,210	584,447	(48,495)	11,134	16,953	16,953	(699,227)	(699,227)	1,342,287	81,609	5,551	32,089	40,471	13,057

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					
1			Relocate Farragut -	Relocate the		New Bergen	New Bayway							
			Hudson "B" and "C"			345/138 kV	345/138 kV			New Bayonne				
			345 kV circuits to			transformer #1	transformer #1	New Bayway		345/69 kV				
Linden "W					New Bergen 345/230		and any	345/138 kV		transformer and				
		and any associated	any associated	Marion and any	kV transformer and	associated	associated		New Linden 345/230 kV	any associated	Upgrade Eagle			
any asso	ociated	substation	substation	associated	any associated	substation	substation	any associated	transformer and any	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-
substation		upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	associated substation	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV
(B243)	6.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)
	758,280	612,788	(50,846)	11,674	17,775	17,775	(733,134)	(733,134)	1,407,378	85,566	5,820	33,645	42,433	13,690

					Estima	ted Transmission En	hancement Charges (Afte	r True-Up) - 2021					
		Relocate Farragut -	Relocate the		New Bergen	New Bayway							
	Convert the Bayway	Hudson "B" and "C"	Hudson 2		345/138 kV	345/138 kV			New Bayonne				
Convert the Bayway	- Linden "M" 138 kV	345 kV circuits to	generation to inject		transformer #1	transformer #1	New Bayway		345/69 kV				
Linden "W" 138 kV	circuit to 345 kV	Marion 345 kV and	into the 345 kV at	New Bergen 345/230	and any	and any	345/138 kV		transformer and				
circuit to 345 kV and	and any associated	any associated	Marion and any	kV transformer and	associated	associated	transformer #2 and	New Linden 345/230 kV	any associated	Upgrade Eagle			
any associated	substation	substation	associated	any associated	substation	substation	any associated	transformer and any	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-
substation upgrades	upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	associated substation	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV
(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)
6.835.018	6 839 758	3 436 431	2 795 662	3 116 559	3 116 559	278 770	278 742	5 282 645	1 770 427	1 317 127	2 163 363	4 979 817	3 525 655

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	Estimated Transmission Enhancement Charges (Before True-Up) - 2021														
										Convert the R-			l .		
										1318 and Q1317			Convert the N-1340		
									Convert the R-1318		Convert the R-1318		and T-1372/D-1330		
					New 500/230 kV		Roseland-	Branchburg-	and Q1317 (Edison -				(Brunswick -		
				New 500 kV bay at	autotransformer at		Branchburg 230kV	Pleasant Valley	Metuchen) 138 kV	circuits to one 230	Metuchen) 138 kV	(Brunswick - Trenton)	Trenton) 138 kV		
				Hope Creek	Hope Creek and a		corridor rebuild	230kV corridor	circuits to one 230	kV circuit	circuits to one 230	138 kV circuits to 230	circuits to 230 kV		
Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	(Expansion of Hope	new Hope Creek	Rebuild Aldene-	(Readington -	rebuild (Branchburg	kV circuit (Brunswick	(Meadow Road -	kV circuit (Pierson	kV circuits	circuits (Brunswick -		
250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	Creek substation)	230 kV substation	Warinanco-Linden VFT	Branchburg)	East Flemington)	- Meadow Road)	Pierson Ave)	Ave - Metuchen)	(Hunterglen -	Devils Brook)		
(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B2633.4)	(B2633.5)	230kV Circuit (B2955)	(b2986.12)	(b2986.21)	(b2835.1)	(b2835.2)	(b2835.3)	Trenton) (b2836.2)	(b2836.3)		
400.450	0.540.054	40 000 700	0.500.444	4 000 750	0.005.750	44 700 000	20.420	0.040.000	40 450 740	0.000.044	4 004 070	0.004.400	0.000.000		

	Page 1													
					,	Actual Transmission Enhanc	ment Charges - 2019							
				New 500 kV bay at Hope Creek	New 500/230 kV autotransformer at Hooe Creek and a		Roseland- Branchburg 230kV corridor rebuild	Branchburg- Pleasant Valley 230kV corridor	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230	Metuchen) 138 kV	and Q1317 (Edison - Metuchen) 138 kV	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230	(Brunswick - Trenton) 138 kV	
Install Conemaugh 250MVAR Cap Bank (B0376)		Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)		(Expansion of Hope	new Hope Creek	Rebuild Aldene- Warinanco-Linden VFT 230kV Circuit (B2955)			kV circuit (Brunswick - Meadow Road) (b2835.1)		kV circuit (Pierson Ave - Metuchen) (b2835.3)	kV circuits (Hunterglen - Trenton) (b2836.2)	circuits (Brunswick Devils Brook) (b2836.3)	
109,575	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)														
1															
1										Convert the R-					
										1318 and Q1317			Convert the N-1340		
1									Convert the R-1318		Convert the R-1318		and T-1372/D-1330		
					New 500/230 kV		Roseland-		and Q1317 (Edison -				(Brunswick -		
				New 500 kV bay at			Branchburg 230kV	Pleasant Valley				(Brunswick - Trenton)	Trenton) 138 kV		
					Hope Creek and a		corridor rebuild	230kV corridor	circuits to one 230	kV circuit		138 kV circuits to 230	circuits to 230 kV		
	Reconfigure Kearny-			(Expansion of Hope		Rebuild Aldene-	(Readington -		kV circuit (Brunswick		kV circuit (Pierson	kV circuits	circuits (Brunswick -		
250MVAR Cap Bank		Brunswick Sw-New				Warinanco-Linden VFT	Branchburg)	East Flemington)	- Meadow Road)	Pierson Ave)	Ave - Metuchen)	(Hunterglen -	Devils Brook)		
(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B2633.4)	(B2633.5)	230kV Circuit (B2955)	(b2986.12)	(b2986.21)	(b2835.1)	(b2835.2)	(b2835.3)	Trenton) (b2836.2)	(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		

l	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

	Tine Up by Project (with Interest) -2019														
										Convert the R- 1318 and Q1317			Convert the N-1340		
					l				Convert the R-1318	(Edison -		Convert the N-1340	and T-1372/D-1330		
				New 500 kV bay at			Roseland- Branchburg 230kV	Pleasant Valley	Metuchen) 138 kV	circuits to one 230	Metuchen) 138 kV	and T-1372/D-1330 (Brunswick - Trenton)	(Brunswick - Trenton) 138 kV		
					Hope Creek and a		corridor rebuild	230kV corridor	circuits to one 230	kV circuit		138 kV circuits to 230			
	Reconfigure Kearny-			(Expansion of Hope		Rebuild Aldene-	(Readington -		kV circuit (Brunswick		kV circuit (Pierson	kV circuits	circuits (Brunswick -		
250MVAR Cap Bank		Brunswick Sw-New				Warinanco-Linden VFT	Branchburg)	East Flemington)	- Meadow Road)	Pierson Ave)	Ave - Metuchen)	(Hunterglen -	Devils Brook)		
(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B2633.4)	(B2633.5)	230kV Circuit (B2955)	(b2986.12)	(b2986.21)	(b2835.1)	(b2835.2)	(b2835.3)	Trenton) (b2836.2)	(b2836.3)		
477	(11,793)	995,668	3,185	0	0	0	0	0							

L		Estimated Transmission Enhancement Charges (After True-Up) - 2021														
- 1																
1																
- 1											Convert the R-					
- 1											1318 and Q1317			Convert the N-1340		
- 1										Convert the R-1318			Convert the N-1340			
- 1						New 500/230 kV		Roseland-	Branchburg-	and Q1317 (Edison -	Metuchen) 138 kV	and Q1317 (Edison -	and T-1372/D-1330	(Brunswick -		
- 1					New 500 kV bay at	autotransformer at		Branchburg 230kV	Pleasant Valley	Metuchen) 138 kV	circuits to one 230	Metuchen) 138 kV	(Brunswick - Trenton)	Trenton) 138 kV		
- 1					Hope Creek	Hope Creek and a		corridor rebuild	230kV corridor	circuits to one 230	kV circuit	circuits to one 230	138 kV circuits to 230	circuits to 230 kV		
- 1		Reconfigure Kearny-		350 MVAR Reactor			Rebuild Aldene-	(Readington -		kV circuit (Brunswick		kV circuit (Pierson	kV circuits	circuits (Brunswick -		
	250MVAR Cap Bank	Loop in P2216 Ckt			Creek substation)		Warinanco-Linden VFT	Branchburg)	East Flemington)	- Meadow Road)	Pierson Ave)	Ave - Metuchen)	(Hunterglen -	Devils Brook)		
- 1	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B2633.4)	(B2633.5)	230kV Circuit (B2955)	(b2986.12)	(b2986.21)	(b2835.1)	(b2835.2)	(b2835.3)	Trenton) (b2836.2)	(b2836.3)		
П	122 628	2 536 461	19 224 396	2 583 330	4 008 756	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		

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	Estimated Transmission Enhancement Charges (Before True-Up) - 2021														
									Convert the F-	Convert the F-	Convert the F-				
					Convert the F-	Convert the F-	Convert the F-	Convert the F-	1358/Z-1326 and K-	1358/Z-1326 and	1358/Z-1326 and				
Convert the N-1340	Convert the F-1358/Z	Convert the F-1358/Z-	Convert the F-1358/Z-		1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1363/Y-1325	K-1363/Y-1325	K-1363/Y-1325				
and T-1372/D-1330	1326 and K-1363/Y-	1326 and K-1363/Y-	1326 and K-1363/Y-	Convert the F-1358/Z-	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	(Trenton -	(Trenton -	(Trenton -				
(Brunswick -	1325 (Trenton -	1325 (Trenton -	1325 (Trenton -	1326 and K-1363/Y-	(Trenton -	(Trenton -	(Trenton -	(Trenton -	Burlington) 138 kV	Burlington) 138	Burlington) 138				
Trenton) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	1325 (Trenton -	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	circuits to 230 kV	kV circuits to 230	kV circuits to 230				
circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	Burlington) 138 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits	kV circuits	kV circuits				
circuits (Devils	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	circuits to 230 kV	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	(Crosswicks -	(Williams -	(Bustleton -				
Brook - Trenton)	Yardville K)	Ward Ave K)	Crosswicks Y)	circuits (Crosswicks -	Burlington Y)	Yardville F)	Ward Ave F)	Crosswicks Z)	Williams Z)	Bustleton Z)	Burlington Z)				
(b2836.4)	(b2837.1)	(b2837.2)	(b2837.3)	Bustleton Y) (b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)				
11.618.974	3,746,086	1,284,501	884,806	3.094.144	3.184.082	3,733,024	1,240,875	884.806	323.731	2.761.938	3,281,769				

Attachment 10 Current PSE&G 2021	NITS

Page 12 of 1

				Actual 1	Fransmission Enhanceme	ent Charges - 2019					
									Convert the F-	Convert the F-	Convert the F-
					Convert the F-	Convert the F-	Convert the F-	Convert the F-	1358/Z-1326 and K-	1358/Z-1326 and	1358/Z-1326 and
Convert the N-1340	Convert the F-1358/Z	Convert the F-1358/Z-	Convert the F-1358/Z-		1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1363/Y-1325	K-1363/Y-1325	K-1363/Y-1325
and T-1372/D-1330	1326 and K-1363/Y-	1326 and K-1363/Y-	1326 and K-1363/Y-	Convert the F-1358/Z-	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	(Trenton -	(Trenton -	(Trenton -
(Brunswick -	1325 (Trenton -	1325 (Trenton -	1325 (Trenton -	1326 and K-1363/Y-	(Trenton -	(Trenton -	(Trenton -	(Trenton -	Burlington) 138 kV	Burlington) 138	Burlington) 138
Trenton) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	1325 (Trenton -	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	circuits to 230 kV	kV circuits to 230	kV circuits to 230
circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	Burlington) 138 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits	kV circuits	kV circuits
circuits (Devils	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	circuits to 230 kV	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	(Crosswicks -	(Williams -	(Bustleton -
Brook - Trenton)	Yardville K)	Ward Ave K)	Crosswicks Y)	circuits (Crosswicks -	Burlington Y)	Yardville F)	Ward Ave F)	Crosswicks Z)	Williams Z)	Bustleton Z)	Burlington Z)
(b2836.4)	(b2837.1)	(b2837.2)	(b2837.3)	Bustleton Y) (b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)
2,240,121	400,083	106,413	141,595	158,711	17,116	353,300	60,047	141,595	141,595	17,116	17,116

				Rec	onciliation by Project (wi	thout interest)					
									Convert the F-	Convert the F-	Convert the F-
					Convert the F-	Convert the F-	Convert the F-	Convert the F-	1358/Z-1326 and K-	1358/Z-1326 and	1358/Z-1326 and
Convert the N-1340	Convert the F-1358/Z	Convert the F-1358/Z-	Convert the F-1358/Z-		1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1363/Y-1325	K-1363/Y-1325	K-1363/Y-1325
and T-1372/D-1330		1326 and K-1363/Y-	1326 and K-1363/Y-	Convert the F-1358/Z-	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	(Trenton -	(Trenton -	(Trenton -
(Brunswick -	1325 (Trenton -	1325 (Trenton -	1325 (Trenton -	1326 and K-1363/Y-	(Trenton -	(Trenton -	(Trenton -		Burlington) 138 kV	Burlington) 138	Burlington) 138
Trenton) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	1325 (Trenton -	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	circuits to 230 kV	kV circuits to 230	kV circuits to 230
circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	Burlington) 138 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits	kV circuits	kV circuits
circuits (Devils	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	circuits to 230 kV	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	(Crosswicks -	(Williams -	(Bustleton -
Brook - Trenton)	Yardville K)	Ward Ave K)	Crosswicks Y)	circuits (Crosswicks -	Burlington Y)	Yardville F)	Ward Ave F)	Crosswicks Z)	Williams Z)	Bustleton Z)	Burlington Z)
(b2836.4)	(b2837.1)	(b2837.2)	(b2837.3)	Bustleton Y) (b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)
2,240,121	400,083	106,413	141,595	158,711	17,116	353,300	60,047	141,595	141,595	17,116	17,116

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 F-	Convert the F-	Convert the F-				
					Convert the F-	Convert the F-	Convert the F-	Convert the F-	1358/Z-1326 and K-	1358/Z-1326 and	1358/Z-1326 and				
Convert the N-1340	Convert the F-1358/Z	Convert the F-1358/Z-	Convert the F-1358/Z-		1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1358/Z-1326 and K-	1363/Y-1325	K-1363/Y-1325	K-1363/Y-1325				
and T-1372/D-1330		1326 and K-1363/Y-	1326 and K-1363/Y-	Convert the F-1358/Z-	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	(Trenton -	(Trenton -	(Trenton -				
(Brunswick -	1325 (Trenton -	1325 (Trenton -	1325 (Trenton -	1326 and K-1363/Y-	(Trenton -	(Trenton -	(Trenton -	(Trenton -	Burlington) 138 kV	Burlington) 138	Burlington) 138				
Trenton) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	1325 (Trenton -	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	circuits to 230 kV	kV circuits to 230	kV circuits to 230				
circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	Burlington) 138 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits	kV circuits	kV circuits				
circuits (Devils	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	circuits to 230 kV	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	(Crosswicks -	(Williams -	(Bustleton -				
Brook - Trenton)	Yardville K)	Ward Ave K)	Crosswicks Y)	circuits (Crosswicks -		Yardville F)	Ward Ave F)	Crosswicks Z)	Williams Z)	Bustleton Z)	Burlington Z)				
(b2836.4)	(b2837.1)	(b2837.2)	(b2837.3)	Bustleton Y) (b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)				

	Estimated Transmission Enhancement Charges (After True-Up) - 2021													
									Convert the F-	Convert the F-	Convert the F-			
					Convert the F-	Convert the F-	Convert the F-	Convert the F-			1358/Z-1326 and			
Convert the N-1340		Convert the F-1358/Z-			1358/Z-1326 and K-	1358/Z-1326 and K-		1358/Z-1326 and K-	1363/Y-1325	K-1363/Y-1325	K-1363/Y-1325			
and T-1372/D-1330	1326 and K-1363/Y-	1326 and K-1363/Y-	1326 and K-1363/Y-	Convert the F-1358/Z-	1363/Y-1325	1363/Y-1325	1363/Y-1325	1363/Y-1325	(Trenton -	(Trenton -	(Trenton -			
(Brunswick -	1325 (Trenton -	1325 (Trenton -	1325 (Trenton -	1326 and K-1363/Y-	(Trenton -	(Trenton -	(Trenton -	(Trenton -	Burlington) 138 kV	Burlington) 138	Burlington) 138			
Trenton) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	1325 (Trenton -	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	Burlington) 138 kV	circuits to 230 kV	kV circuits to 230	kV circuits to 230			
circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	Burlington) 138 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits to 230 kV	circuits	kV circuits	kV circuits			
circuits (Devils	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	circuits to 230 kV	circuits (Bustleton -	circuits (Trenton -	circuits (Yardville -	circuits (Ward Ave -	(Crosswicks -	(Williams -	(Bustleton -			
Brook - Trenton)	Yardville K)	Ward Ave K)	Crosswicks Y)	circuits (Crosswicks -	Burlington Y)	Yardville F)	Ward Ave F)	Crosswicks Z)	Williams Z)	Bustleton Z)	Burlington Z)			
(b2836.4)	(b2837.1)	(b2837.2)	(b2837.3)	Bustleton Y) (b2837.4)	(b2837.5)	(b2837.6)	(b2837.7)	(b2837.8)	(b2837.9)	(b2837.10)	(b2837.11)			

1	New Plant Carrying	Charge						Page 1 of 21
2	Fixed Charge Rate if not a CIAC							
		Formula						
1	A	150		Carrying Charge without Depreciation		9.81%		
4	8	150		Carrying Charge per 100 Basis Point in ROE without Depreciation		10.42%		
2	c		Line Biles	is Line A		0.61%		
	FCR If a CIAC							
7	D	150	Net Plant	Carrying Charge without Depreciation, Return, nor Income Taxes		1.26%		
			The FCR re	sulting from Formula in a given year is used for that year only.				
			Therefore a	schual revenues collected in a year do not change based on cost data for sub	sequent years.			
			Per FERC 0	Order dated December 38, 2011 in Docket No. ER12-296, the ROE for the No.	theset Grid Reliability Project	is 11.93%,		
			which inclu	des a 25 basis-point transmission ROE adder as authorized by FERC to bec	ome effective January 1, 2012			
			Foraban	dened plant lines 12, 14, 15, and 16 will be from Attachment 5	Abandoned Transmissio	on Protects. Line 17 is the		

-		Details			anchburg (B0130)			Sitiationy (B0134)			Issex Aldene (B0145		No. of	reedom Trans/B04	
~	"Yea" if a project under PJM	Diam'			and loss of the contract			January (200124)			AREA ANNE IN 1921 HA	•		THE REAL PROPERTY.	
	GATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the														
13	amount of the investment on line 29. Otherwise "No"	cuc	(Yes or No)	No			No			No			No		
13	Input the allowed increase in	CIAC	(Tes or No)	NO NO			NO			NO			NO.		
14	BOE	Increased ROE (Basis Points)													
	From line 3 above if "No" on line														
45	13 and From line 7 above if "Yes" on line 13	11 58% BOE		9.81%			9.81%			9.81%			0.81%		
15	Line 14 plus (line 5 times line	11.00% PIJE		9.01%			9.01%			9.01%			9.01%		
10.	15V100	FCR for This Project		9.81%			9.81%			9.81%			9.81%		
_	Service Account 101 or 105 if														
	not yet classified - End of year														
17	balance	Investment		20,614,102			8,069,022			85,457,721			22,188,863		
		Annual Depreciation or Amort Exp.													
18	Line 17 divided by line 12			490.812			192.120			2.058.755			528.305		
	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
19	Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWP1			2005			2007			2007			2007		
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 % ROF	2006	20,680,597	492 395	4 652 471	Litting	Autoritzanzii	RETUINE	Liung	Automatical	RETUINE	Linking	Allonazadi	Refere
22		W Increased ROF	2006	20.680.597	492.395	4.652.471									
24		W 11.68 % ROE	2007	20.188.202	492.395	4.553.422	8.069.022	80.050	1.703.202	86.565.629	858.786	18.272.191	22.188.863	484.281	4.947.
25		W Increased ROE	2007	20.188.202	492.395	4.553.422	8.069.022	80.050	1.703.202	86.565.629	858.786	18.272.191	22.188.863	484.281	4.947
26		W 11.68 % ROE	2008	19.695.807	492.395	4.454.372	7.988.972	192.120	1.799.169	85.706.843	2.061.086	19.301.739	21.704.582	528.306	4.894.
27		W Increased ROE	2008	19.695.807	492.395	4.454.372	7.988.972	192.120	1.799.169	85.706.843	2.061.086	19.301.739	21.704.582	528.306	4.894
28 29		W 11.68 % ROE W Increased ROE	2009	19.203.412 19.203.412	492.395 492.395	4.523.234	7.796.853 7.796.853	192.120 192.120	1.828.696	83.645.756 83.645.756	2.061.086 2.061.086	19.618.517 19.618.517	21.176.276 21.176.276	528.306 528.306	4.973 4.973
29		W 11.68 % ROE	2010	18.711.016	492.395	4.095.968	7.604.733	192.120	1.656.722	81.584.670	2.061.086	17.773.567	20.647.970	528.306	4.504
31		W Increased ROE	2010	18.711.016	492.395	4.095.968	7.604.733	192.120	1.656.722	81.584.670	2.061.086	17.773.567	20.647.970	528.306	4.504
32		W 11 68 % ROF	2011	18 218 621	492 395	3 746 858	7.412.613	192 120	1 516 263	79 523 584	2.001.000	16 266 692	20.119.663	528 306	4.122
33		W Increased ROE	2011	18.218.621	492.395	3.746.858	7.412.613	192.120	1.516.263	79.523.584	2.061.086	16.266.692	20.119.663	528.306	4.122
34		W 11.68 % ROE	2012	17.726.226	492.395	3.154.416	7.220.494	192.120	1.276.451	77.462.497	2.061.086	13.693.962	19.591.357	528.306	3.470.
39		W Increased ROF	2012	17 726 226	492 395	3 154 416	7 220 404	192 120	1 278 451	77 460 407	2 061 086	13 803 052	10 501 357	528 306	3.470
36		W 11.68 % ROE W Increased ROE	2013	17.233.831 17.233.831	492.395 492.395	2.886.756	7.028.374 7.028.374	192.120	1.168.598	75.401.411 75.401.411	2.061.086	12.536.886 12.536.886	19.063.051	528.306	3.176
37		W Increased NOE	2013	17.233.831	492.395	2.886.756	7.028.374 e ese sec	192.120	1.168.598	75.401.411	2.061.086	12.536.886	19.063.051	528.306	2.812
29		W Increased ROF	2014	16 741 436	492 395	2 555 172	6.836.255	192 120	1 034 441	73 340 324	2.061.086	11 097 629	18 534 745	528 306	2.812
-		W 11.68 % ROE	2015	16.249.041	492.395	2.397.208	6.644.135	192.120	970.986	71.279.238	2.061.086	10.416.881	18.006.439	528 306	2.639
61		W Increased ROE	2015	16.249.041	492.395	2.397.208	6.644.135	192,120	970.986	71.279.238	2.061.086	10.416.881	18.006.439	528.306	2.639
		W 11.68 % ROE	2016	15.743.650	492,086	2,293,690	6.452.016	192,120	930,448	69.120.244	2.058.755	9.968.442	17,478,132	528,306	2.528
		W Increased ROE	2016	15.743.650	492,086	2.293.690	6.452.016	192,120	930,448	69.120.244	2.058.755	9.968.442	17,478,132	528,306	2.528
44		W 11.68 % ROE	2017	15,229,584	491,562	2,199,535	6,259,896	192,120	894,158	67,061,488	2,058,755	9,579,601	16,949,826	528,306	2,429
		W Increased ROE	2017	15,229,584	491,562	2,199,535	6,259,896	192,120	894,158	67,061,488	2,058,755	9,579,601	16,949,826	528,306	2,429
66		W 11.68 % ROE	2018	14,738,003	491,562	1,953,369	6,067,776	192,120	793,960	65,002,733	2,058,755	8,506,133	16,421,520	528,306	2,157
47		W Increased ROE	2018	14,738,003	491,562	1,953,369	6,067,776	192,120	793,960	65,002,733	2,058,755	8,506,133	16,421,520	528,306	2,157
48		W 11.68 % ROE	2019	14,214,940	490,812	1,640,158	5,875,657	192,120	667,195	62,943,978	2,058,755	7,148,079	15,893,213	528,306	1,813
40		W Increased ROE	2019	14,214,940	490,812	1,640,158	5,875,657	192,120	667,195	62,943,978	2,058,755	7,148,079	15,893,213	528,306	1,813
80		W 11.68 % ROE	2020	13,754,878	491,562	1,816,716	5,683,537	192,120	739,676	60,885,223	2,058,755	7,924,480	15,384,907	528,306	2,008
81		W Increased ROE	2020	13,754,878	491,562	1,816,716	5,683,537	192,120	739,676	60,885,223	2,058,755	7,924,480	15,364,907	528,306	2,008,
52		W 11.68 % ROE W Increased ROE	2021	13.232.586	490.812 490.812	1.789.054	5.491.418 5.491.418	192,120	730.880	58.826.467	2.058.755 2.058.755	7.830.196 7.830.196	14.836.601 14.836.601	528.306 528.306	1.983
			2021	13 232 566					730.880	58.826.467					

1	New Plant Carryl	ng Charge				Page 2 of 21
2	Fixed Charge R If not a CIAC	ate (FCR) if	_			
3			Formula Line 152	Net Plant Carrying Charge without Degreciation	9.81%	
4		8		Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5		č		Line B less Line A	0.61%	
4	FCR If a CIAC					
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.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
				Per FERC Order dated December 30, 2011 in Docket No. ER12-295, the ROE for the Northeast Grid Reliability Project is 11.57	s.	
				which includes a 25 basis-point transmission RCE adder as authorized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the		
				13 month average balance from Attach. Sa, and Line 19 will be number of months to be amortized in year plus one.		

_															
10		Details		Non	Freedom Loop (BS	423)	Metus	hen Transformer (	B0161)	Branchburg	Flagtown-Somery	(le (B0169)	Flagtown-Sr	omerville-Bridgewa	der (B0170)
	"Yes" if a project under PJM														
	OATT Schedule 12, otherwise	Schadule 12											Yes		
11			(Yes or No)	Yes			Yes			Yes					
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a tumpour payment in the														
	amount of the investment on														
13	Sine 20 Otherwise "No."	CAC	(Yes or No)	No			No			No			No		
	input the allowed increase in														
16	From line 3 above if "No" on line	Increased ROE (Basis Points)		0						0			0		
	13 and From line 7 above if	1													
15	"Yes" on line 13	11.68% ROE		9.81%			9.81%			9.81%			9.81%		
	Line 14 plus (line 5 times line														
15	15)/100	FCR for This Project		9.81%			9.81%			9.81%			9.81%		
1	Service Account 101 or 106 if not yet classified - End of year	I													
17	balance	Investment		27.005.248			25.654.455			15.731.554			6.961.495		
				27,000,240			23,034,433			13,731,334			0,801,480		
		Annual Depreciation or Amort Exp													
19	Line 17 divided by line 12			642,982			610,820			374,561			165,750		
+9	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2008			2009			2009			2008		
21			Invest Yr	Endino	Depreciation or Amortization		Ending	Depreciation or Amortization		Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
						Revenue			Revenue	Enging	Amortization	Revenue	Enging		Revenue
22		W 11.68 % ROE	2006												
23		W 11.68 % ROE W Increased ROE W 11.68 % ROF	2006 2006 2007												
23 26		W Increased ROE W 11.68 % ROE	2006 2007												
23		W Increased ROE	2006 2007 2007 2008	24.921.237	88.646	837.584							6.961.495	25.372	239.734
23 26 25		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008	24.921.237	88.646	837.584							6.961.495	25.372	239.734
23 26 25 26 27 27		Wincreased RDE W 11.68 % ROE Wincreased RDE W 11.68 % ROE Wincreased RDE W 11.68 % ROE	2006 2007 2007 2008 2008 2009	24.921.237 26.916.602	88.646 642.982	837.584 6.292.837	19.700.217	288.478	2.831.673	15.773.880	234.561	2.302.423	6.961.495 6.936.122	25.372 165.750	239.734 1.621.657
23 36 25 26 27 38		Wincreased RDE W 11.68 % ROE Wincreased RDE W 11.68 % ROE Wincreased RDE W 11.68 % ROE Wincreased RDE	2006 2007 2007 2008 2008 2009 2009	24.921.237 26.916.602 26.916.602	88.646 642.982 642.982	837.584 6.292.837 6.292.837	19.700.217	288.478	2.831.673	15.773.880	234.561	2.302.423	6.961.495 6.936.122 6.936.122	25.372 165.750 165.750	239.734 1.621.657 1.621.657
23 36 35 36 27 38 39		W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE	2006 2007 2007 2008 2008 2009 2009 2010	24.921.237 26.916.602 26.916.602 26.273.620	88.646 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044	19.700.217 25.488.527	288.478 613.738	2.831.673 5.522.598	15.773.880 15.539.319	234.561 375.568	2.302.423 3.368.301	6.961.495 6.936.122 6.936.122 6.770.372	25.372 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662
22 26 25 26 27 28 29 20 20 21		W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W Increased RDE	2006 2007 2007 2008 2008 2009 2009 2010 2010	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620	88.646 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044	19.700.217 25.488.527 25.488.527	288.478 613.738 613.738	2.831.673 5.522.598 5.522.598	15.773.880 15.539.319 15.539.319	234.561 375.568 375.568	2.302.423 3.368.301 3.368.301	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372	25.372 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662 1.469.662
22 24 25 26 27 28 29 20 20 21 20 21 20 21 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21		W Increased RDE W 11.68 % ROE W Increased RDE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 25.630.832	88.646 642.982 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.221.521	19.700.217 25.488.527 25.488.527 24.896.838	288.478 613.738 613.738 614.263	2.831.673 5.522.598 5.522.598 5.061.682	15.773.880 15.539.319 15.539.319 15.121.425	234.561 375.568 375.568 374.581	2.302.423 3.368.301 3.368.301 3.075.750	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.644.623	25.372 165.750 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662 1.469.662 1.345.559
22 24 25 26 27 28 29 20 20 21 20 21 21 22 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 25.630.832	88.646 642.982 642.982 642.982 642.982 642.982 642.987	837.584 6.292.837 6.292.837 5.703.044 5.703.044 6.221.521	19.700.217 25.488.527 25.488.527 24.896.838 24.896.838	288.478 613.738 613.738 614.263	2.831.673 5.522.598 5.522.598 5.061.682	15.773.880 15.539.319 15.539.319 15.121.425	234.561 375.568 375.568 374.561 374.561	2.302.423 3.368.301 3.368.301 3.075.750 3.075.759	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.604.623	25.372 165.750 165.750 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662 1.469.662 1.345.559 1.345.559
23 26 25 26 27 28 29 20 20 21 20 21 21 22 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W Increased RDE W 11.68 % ROE W Increased RDE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 25.630.832	88.646 642.982 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.221.521	19.700.217 25.488.527 25.488.527 24.896.838	288.478 613.738 613.738 614.263	2.831.673 5.522.598 5.522.598 5.061.682	15.773.880 15.539.319 15.539.319 15.121.425	234.561 375.568 375.568 374.581	2.302.423 3.368.301 3.368.301 3.075.750	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.644.623	25.372 165.750 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662 1.469.662 1.345.559
22 24 25 26 27 28 29 20 20 21 20 21 21 22 22 23 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W Increased ROE W 11.88 % ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2011 2012	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 25.630.832 25.630.832 24.967.652	88.646 642.982 642.982 642.982 642.982 642.987 642.987 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 6.221.521 4.395.482	19.700.217 25.488.527 25.488.527 24.896.838 24.896.838 24.282.576	288.478 613.738 613.738 614.263 614.263	2.831.673 5.522.598 5.522.598 5.061.682 5.061.682 4.260.879	15.773.880 15.539.319 15.539.319 15.121.425 15.121.425 14.746.884	234.561 375.568 375.568 374.561 374.561 374.561	2 302 423 3 368 301 3 368 301 3 075 750 3 075 759 2 589 159	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.604.623 6.438.873	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239.734 1.821.657 1.821.657 1.469.662 1.469.662 1.345.559 1.345.559 1.132.702
23 26 25 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W Increased RDE W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W 11.68 % RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE W 11.68 % RDE W Increased RDE	2006 2007 2007 2008 2008 2008 2009 2010 2010 2011 2011 2012 2012 2013 2013	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 26.830.832 26.830.832 24.987.652 24.987.652 24.344.669 24.344.669	88.846 642.982 642.982 642.982 642.982 642.982 642.987 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.221.521 4.395.482 4.395.482 4.025.278 4.025.278	19.700.217 25.488.527 25.488.527 24.896.838 24.896.838 24.282.576 24.282.576 24.282.576 23.668.312 23.668.312	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263	2.831.673 5.522.598 5.522.598 5.061.682 4.260.879 4.260.879 4.260.879 3.902.590 3.902.590	15.773.880 15.539.319 15.539.319 15.121.425 14.746.884 14.746.864 14.372.303 14.372.303	234.561 375.568 375.568 374.561 374.561 374.561 374.561 374.561	2.902.423 3.968.301 3.968.301 3.075.750 3.075.750 2.589.150 2.589.150 2.371.359 2.371.359	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.604.623 6.438.873 6.438.873 6.273.123 6.273.123	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.621.657 1.469.662 1.469.662 1.345.559 1.345.559 1.132.702 1.192.702 1.037.298 1.037.298
23 26 25 27 28 29 20 27 20 20 21 20 21 21 22 23 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2011 2013 2013	24.921.237 28.916.602 28.916.602 26.273.620 26.273.620 25.630.832 24.987.652 24.987.652 24.344.669 24.344.669 23.701.687	88.646 642.982 642.982 642.982 642.982 642.982 642.987 642.987 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.221.521 4.395.482 4.025.278 4.025.278 4.025.278	19,700.217 25,488.527 25,488.527 24,896.838 24,896.838 24,282.576 24,282.576 24,282.576 24,282.576 24,283.688.312 23,668.312 23,054.040	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263	2.831.673 5.522.598 5.522.598 5.061.682 4.260.879 4.260.879 4.260.879 3.902.590 3.902.590	15.773.880 15.539.319 15.539.319 15.121.425 15.121.425 14.748.884 14.748.884 14.372.303 14.372.303 13.907.743	294, 561 375, 568 375, 568 374, 561 374, 561 374, 561 374, 561 374, 561 374, 561	2.902.423 3.368.301 3.076.760 3.075.760 2.589.150 2.589.150 2.371.350 2.371.350 2.000.276	6.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.604.623 6.438.873 6.438.873 6.273.123 6.173.723	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239.734 1.621.657 1.621.657 1.469.662 1.469.662 1.345.559 1.132.702 1.132.702 1.037.298 1.037.298
22 26 25 27 28 20 27 20 21 21 22 23 24 25 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.69 % ROE W W Increased ROE W 11.69 % ROE W W 11.69 % ROE W 11	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	24.921.237 28.916.602 28.916.602 28.273.620 26.273.620 26.273.620 26.830.832 24.987.652 24.987.652 24.987.652 24.987.652 24.344.669 24.344.669 24.344.669 24.344.669 23.701.687	88.646 642.982 642.982 642.982 642.982 642.982 642.987 642.987 642.987 642.982 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.703.044 5.221.521 4.395.482 4.005.278 4.025.278 4.025.278 3.563.358	19,700.217 25,488.527 25,488.527 24,896.838 24,896.838 24,282.576 24,282.576 23,668.312 23,668.312 23,668.312 23,054.040	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.673 5.522.598 5.522.598 5.621.682 5.061.682 4.260.879 4.260.879 3.902.590 3.902.590 3.454.841 3.454.841	15.773.880 15.539.319 15.539.319 15.121.425 15.121.425 14.746.864 14.746.864 14.372.303 14.372.303 13.907.743 13.907.743	234,561 375,568 375,568 372,561 374,561 374,561 374,561 374,561 374,561 374,561	2.902.423 3.368.301 3.368.301 3.075.759 2.589.159 2.589.159 2.371.359 2.371.359 2.090.276	6.961.495 6.936.122 6.936.122 6.970.372 6.770.372 6.604.623 6.438.873 6.438.873 6.273.123 6.273.123 6.107.373	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,621,657 1,821,657 1,469,662 1,469,662 1,345,559 1,132,702 1,102,702 1,102,702 1,102,702 1,1037,298 1,037,298 1,037,298 1,037,298 1,037,298
29 28 29 29 29 29 29 29 29 29 29 29 29 29 29		W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2012 2013 2014 2014 2014 2015	24.921.237 28.916.602 28.916.602 28.916.602 28.273.620 26.273.620 27.620 26.273.620 26.273.620 24.987.652 24.944.669 24.344.669 24.344.669 24.3701.687 23.701.687 23.701.687	88.646 642.982 642.982 642.982 642.982 642.987 642.987 642.982 642.982 642.982 642.982 642.982 642.982 642.982	837.584 6.292.837 6.292.837 5.703.044 5.703.044 5.703.044 5.221.521 4.395.482 4.395.482 4.055.278 5.603.358 3.583.358	19.700.217 25.488.527 25.488.527 24.896.838 24.896.838 24.282.576 24.282.576 24.282.576 23.668.312 23.668.312 23.668.312 23.054.049 23.054.049 22.439.786	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.673 5.522.598 5.522.598 5.621.682 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879 4.260.879	15.773.890 15.539.319 15.539.319 15.121.425 15.121.425 14.746.864 14.746.864 14.372.303 14.372.303 13.907.743 13.907.743 13.907.743	234,561 375,568 375,568 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561	2.902.423 3.368.301 3.968.301 3.075.759 2.589.159 2.589.159 2.371.359 2.371.359 2.099.276 1.971.555	8.961.495 6.936.122 6.936.122 6.770.372 6.770.372 6.770.372 6.604.623 6.438.873 6.438.873 6.273.123 6.273.123 6.107.373 5.107.373 5.941.623	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,621,657 1,621,657 1,469,662 1,469,662 1,345,559 1,345,559 1,132,702 1,192,702 1,192,702 1,193,728 0,19,283 9,18,263 882,284
29 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased RDE W 16.69 % RDE W 16.69 % RDE W 16.60 % RDE W 15.60 % RDE	2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	24.921.237 26.916.602 26.273.620 26.273.620 273.620 273.620 273.620 274.697.620 24.947.652 24.947.652 24.947.652 23.701.687 23.058.705 23.058.705 23.058.705	88.646 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982	837.584 6.202.837 5.703.044 5.703.044 5.703.044 5.703.045 5.221.521 4.305.482 4.025.278 4.025.278 4.025.278 3.563.583 3.346.067 3.346.067	19,700,217 25,488,527 25,488,527 24,896,838 24,282,576 24,997,576 23,668,312 23,668,312 23,054,049 22,439,786 22,439,786	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.873 5.522.598 5.522.598 5.061.882 5.061.882 4.260.879 4.260.879 3.902.590 3.902.590 3.454.841 3.454.841 3.244.794	15.773.880 15.539.319 15.539.319 16.191.426, 15.121.425 14.746.884 14.372.303 14.372.303 14.372.303 13.007.743 13.997.743 13.623.182	234,561 375,568 375,568 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561	2,902,423 3,988,301 3,988,301 3,075,759 2,589,159 2,580,159 2,371,359 2,371,359 2,099,276 1,971,555 1,971,555	8.961.495 8.908.122 8.708.122 8.770.372 8.770.372 8.770.372 8.604.823 8.438.873 8.473.123 8.273.123 8.273.123 8.107.373 8.107.373 5.941.823	25, 372 165, 750 165, 750	239,734 1,621,657 1,621,657 1,469,662 1,469,662 1,345,559 1,132,702 1,192,702 1,192,702 1,192,702 1,192,703 1,193,7298 1,037,2
22 26 27 28 20 27 28 20 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased RDE W 16.69 % RDE W 16.69 % RDE W Whenever RDE W Increased RDE W 11.68 % R	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2012 2013 2013	24.921.237 26.916.602 26.916.602 26.273.620 26.273.620 26.273.620 27.26.93.832 24.987.652 24.987.652 24.344.689 24.344.689 23.701.687 23.701.687 23.705.8705 23.058.705 22.415.723	88.846 642.982 642.982 642.982 642.982 642.987 642.987 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982	837.584 6.292.837 5.703.044 5.703.044 5.703.044 5.703.045 4.201.521 4.305.482 4.305.482 4.025.278 4.025.278 3.543.358 3.346.067 3.246.067	19.700.217 25.488.527 24.885.527 24.896.838 24.826.576 24.926.576 23.968.312 23.968.312 23.054.049 22.430.786 22.430.786 21.919.123	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.873 5.522.598 5.522.598 5.061.882 4.260.879 4.260.879 4.260.879 3.902.590 3.902.590 3.444.841 3.444.794 3.244.794 3.110.954	15.773.880 15.539.319 15.539.319 15.121.425 14.746.864 14.372.303 14.372.303 14.372.303 14.372.303 15.007.743 15.623.182 13.623.182 13.623.182	234, 561 375, 568 375, 568 374, 561 374, 561 374, 561 374, 561 374, 561 374, 561 374, 561 374, 561 374, 561	2,902,423 3,988,301 3,988,301 3,075,750 2,589,159 2,580,150 2,371,350 2,371,350 2,371,350 2,000,276 1,971,555 1,971,555	8.961.495 8.908.122 8.708.122 8.770.372 8.770.372 8.770.372 8.604.623 8.408.873 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,621,657 1,621,657 1,469,662 1,345,559 1,345,559 1,327,702 1,157,702 1,157,702 1,157,703 1,037,298 1,037,29
22 26 27 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29		W Increased RDE W 18.68 9 ROE W 18.68 9 ROE W Increased ROE W 18.68 9 ROE	2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	24.921.237 28.916.602 28.916.602 28.273.820 56.803.832 24.987.652 24.947.652 24.944.689 24.944.689 27.716.887 23.058.705 23.058.705 23.058.705 24.945.723 23.058.705 23.058.705 24.945.723	88.848 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982 642.982	837.584 8.292.837 5.703.044 5.703.044 5.703.045 5.221.521 4.305.482 4.005.278 4.005.278 4.005.278 3.583.358 3.346.067 3.208.007 3.208.007	19.700.217 25.488.527 24.896.328 24.896.338 24.896.338 24.896.312 23.068.312 23.064.049 22.493.786 22.493.786 22.493.786 22.493.786	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.673 5.522.598 5.622.598 5.641.682 5.661.682 4.268.879 4.268.879 2.302.590 2.448.841 3.454.841 3.244.794 3.110,954	15,773,880 15,530,319 15,530,319 15,121,425, 15,121,425, 14,746,864 14,372,303, 14,372,303, 14,372,303, 12,907,743, 13,907,743, 13,923,182, 13,623,182, 13,623,182, 13,248,621,	294,561 375,588 375,588 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561	2.302.423 3.388.301 3.388.301 3.075.759 3.075.759 2.589.159 2.589.159 2.371.359 2.371.359 2.371.359 2.371.359 2.371.359 2.371.355 1.971.555 1.971.555 1.890.650	8.961.495 8.908.122 8.708.122 8.770.372 8.770.372 8.604.823 8.438.823 8.438.823 8.438.823 8.438.823 8.623.123 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,621,657 1,621,657 1,469,662 1,446,569 1,345,559 1,132,702 1,107,729 1,107,729 1,037,298 1,037,29
22 26 27 28 20 27 28 20 28 28 28 28 28 28 28 28 28 28 28 28 28		W horseased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2010 2011 2011 2011 2011 2011 2013 2013	24.921.237 28.916.602 28.973.820 26.273.820 26.273.820 273.820 26.830.832 24.987.652 24.987.652 24.94.689 24.344.689 24.344.689 24.344.689 24.344.689 24.344.689 24.344.689 24.344.689 24.345.723 24.945.723 24.945.723	88.646 642.982	837.584 6.292.837 5.703.044 5.703.044 6.291.621 5.221.521 4.395.482 4.095.482 4.095.278 4.025.278 3.583.358 3.346.067 3.208.097 3.084,762	19,700,217 25,488,527 25,488,527 24,896,838 24,896,838 24,282,576 22,996,778 23,988,312 23,988,312 23,088,312 24,930,786 22,430,786 22,430,786 21,819,123 21,819,123 21,819,123	288.478 613.738 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2.831.873 5.522.598 6.041.482 5.061.882 4.280.879 4.974.870 3.002.590 3.002.590 3.444.941 3.444.794 3.110.954 3.110.954 3.110.954	15,773,880 15,530,319 15,530,319 15,174,495, 15,121,425, 14,748,864 14,748,964 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 13,007,743 13,623,182 13,248,621 13,248,621 12,874,660	294,561 375,598 375,598 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561 374,561	2.302.423 3.388.301 3.075.750 3.075.750 2.589.150 2.589.150 2.371.350 2.371.350 2.090.276 1.971.555 1,870.650 1,810.650	8.961.495 8.968.122 8.708.122 8.770.372 8.770.372 8.604.623 8.438.873 8.438.873 8.478.873 8.273.123 8.273.123 8.107.373 5.941.623 5.775.874 5.775.874	25.372 166.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,821,857 1,821,857 1,489,862 1,489,862 1,489,862 1,487,702 1,132,702 1,132,702 1,132,702 1,132,702 1,132,703 1,037,298 1,037,29
22 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased RDE W 1.6.9 % ROE W 1.6.9 % ROE W Increased ROE W 1.6.9 % ROE W 1.6.9 % ROE W 1.6.9 % ROE W 1.6.9 % ROE W Increased RDE W Increased RDE W 1.6.9 % ROE W 1.6.9 % ROE W 1.6.9 % ROE W 1.6.9 % ROE W Increased RDE W 1.6.9 % ROE W Increased RDE W 1.6.9 % ROE W 1.	2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2011 2012 2013 2013	24,921,237 28,916,602 28,916,602 28,273,820 26,273,820 26,273,820 26,273,820 26,273,820 24,987,852 24,947,862 24,344,869 24,344,869 27,774,847 23,058,705 23,058,705 22,415,723 22,415,723 22,415,723 22,415,723 21,772,741	88 546 642 982 642 982 642 982 642 982 642 983 642 983 642 983 642 982 642 982	837.584 6.292.837 5.703.044 5.703.044 5.703.044 5.201.521 4.395.482 4.005.278 4.005.278 4.005.278 3.583.358 3.346.067 3.346.067 3.208.097 3.084.762	19,700,217 25,488,527 25,488,527 24,896,838 24,826,576 24,996,838 24,225,576 25,668,312 27,064,040 28,054,049 24,93,786 22,439,786 22,439,786 22,439,786 22,439,786 22,439,786 22,439,786 22,439,786 22,439,786 22,439,786	288.478 613.738 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263 614.263	2 831 873 5 522 598 6 522 598 6 641 882 5 661 882 4 288 879 4 988 879 3 902 590 3 902 590 3 444 94 3 244 794 3 110,954 2 173 432 2 173 432	15,773,880 15,530,319 15,530,319 15,174,425 15,121,425 14,746,864 14,372,303 14,372,303 14,372,303 12,007,743 13,623,182 13,246,621 13,246,621 13,246,621 12,874,060 12,874,060	234.561 375.588 375.588 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561	2 902.423 3.988.301 3.075.750 2.589.159 2.680.150 2.371.359 2.371.359 2.090.276 1.971.555 1.971.555 1.870.650 1.810.650 1.810.650	8.961.495 8.938.122 8.770.372 8.770.372 8.781.872 8.874.873 8.438.873 8.438.873 8.273.123 8.273.123 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373 8.107.373	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,821,657 1,821,657 1,469,662 1,445,550 1,345,550 1,132,702 1,132,702 1,132,702 1,132,702 1,132,702 1,132,702 1,132,702 1,132,702 1,132,703 1,132,70
22 25 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W horeased ROE W 1.18.6 % ROE	2008 2007 2008 2008 2008 2008 2008 2008	24.921.237 28.916.602 28.916.602 28.273.620 26.273.620 26.273.620 27.623.832 24.987.652 24.987.652 24.947.690 23.701.687 23.701.687 23.701.687 23.701.687 23.701.687 23.701.727.241 21.772.741 21.772.741 21.772.741	88.646 642.982	837.584 8292.837 6.292.837 5.703.044 6.291.691 5.221.521 4.395.482 4.025.278 4.025.278 4.025.278 3.563.58 3.346.067 3.208.097 3.208.097 3.084.762 2.738.764	19,700.217 25.488.527 25.488.527 24.896.838 24.896.838 24.282.576 22.806.312 23.688.312 23.688.312 24.976.440 22.054.049 22.439,786 22.439,786 21,819,123 21,066,812 20,066,812 20,066,812	288.478 613.738 613.738 614.263 644.263 644.263 644.263 644.263 644.263 644.263 644.263 644.263 644.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263	2 831 873 5 522 598 5 522 598 5 601 882 4 280 879 4 978 879 3 902 590 4 444 841 3 244 794 3 110,954 3 110,954 3 110,954 3 110,954 3 173,432 2 973,432 2 973,432	15,773,880 15,530,319 15,530,319 15,121,425 15,121,425 14,746,894 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 13,623,182 13,623,182 13,246,621 13,246,621 12,874,680 12,874,680 12,874,680	234.561 375.588 375.588 375.588 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561	2 912.423 3.988.301 9.075.759 2.589.159 2.589.159 2.371.359 2.371.359 2.371.359 2.371.359 2.009.276 2.971.555 1,971,555 1,880,650 1,818,367 1,818,367 1,614,339	8.961.495 8.938.122 8.708.122 8.770.372 8.670.372 8.648.873 8.438.873 8.473.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.123 8.273.124 8.273.125 8.273.125 8.273.125 8.273.125 8.273.125 8.273.125 8.273.125 8.273.125	25.372 166.750 166.750 166.750 166.750 166.750 166.750 166.750 166.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,821,857 1,821,857 1,469,862 1,469,862 1,465,559 1,345,559 1,132,702 1,102,702 1,103,7298 1,037,2
22 25 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W horseased RDE W 11.88 % ROSE W 11.88 % ROSE W 11.88 % ROSE W 11.88 % ROSE W Norseased RDE W 11.88 % ROSE W horseased RDE W 11.88 % ROSE W horseased RDE W Norseased RDE	2008 2007 2007 2008 2008 2008 2009 2009 2009 2010 2010 2011 2011 2012 2013 2013 2013	24 921 237 28 916 502 28 916 502 28 916 502 28 273 520 26 273 520 27 500 500 24 4007 502 24 446 500 24 344 500 23 701 587 23 058 705 24 244 522 23 25 25 25 25 25 25 25 25 25 25 25 25 25	88 546 642 982	837.584 6.292.837 5.703.044 5.703.044 5.703.044 5.201.521 4.395.482 4.005.278 4.005.278 4.005.278 4.005.278 3.384.067 3.286.097 3.286.097 3.286.097 3.084.762 3.084.762 3.783.764	19,700,217 25,488,527 25,488,527 24,896,838 24,896,838 24,262,576 23,698,312 25,668,312 25,668,312 25,668,312 21,819,123 21,819,123 21,819,123 21,068,812 20,056,812 20,056,812	288.478 613.738 613.738 614.263	2 831 873 5 522 598 6 522 598 6 661 882 4 268 879 4 961 882 4 268 879 3 300 590 3 448 841 3 244 794 3 110 964 3 110 964 2 273 432 2 2973 432 2 659,774	15,773,880 15,539,319 15,539,319 15,1539,319 15,174,425 14,748,894 14,748,894 14,772,303 14,372,303 14,372,303 13,623,182 13,623,182 13,623,182 13,623,182 13,248,621 12,874,060 12,874,060 12,874,060 12,499,499	234.561 375.568 375.568 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561	2 902.423 3.988.301 3.988.301 3.075.750 2.580.159 2.580.159 2.371.359 2.371.359 2.371.359 2.970.276 1.971.555 1.800.650 1.818.367 1.818.367 1.614.339	8.961.495 8.938.122 8.770.372 8.770.372 8.604.823 8.438.873 8.438.873 8.273.123 8.273.	25.372 167.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	239,734 1,621,657 1,621,657 1,469,662 1,445,559 1,345,559 1,132,702 1,170,707 1,037,298 1,038
20 20 20 20 20 20 20 20 20 20 20 20 20 2		W Increased ROES W 11.88 is ROES W 11.88 is ROES W 11.88 is ROES W 11.88 is ROES W Increased ROES W Increased ROES W Increased ROES W 11.88 is ROES W 11.88 is ROES W 11.88 is ROES W Increased ROES W Increased ROES W Increased ROES W 11.88 is ROES W Increased ROES W 11.88 is ROES W Increased ROES W 11.88 is ROES W INCREASED ROES W 11.88 is ROES ROES ROES ROES ROES ROES ROES ROES	2006 2007 2007 2007 2008 2008 2008 2009 2009 2009 2010 2011 2011 2011 2011	24.921.237 28.916.602 28.916.602 28.273.620 28.273.620 26.273.620 26.273.620 26.273.620 26.273.620 26.273.620 24.947.652 24.947.652 23.707.687 23.707.687 23.707.687 23.707.687 23.707.672 24.15.723 21.772.741 21.772.741 21.772.741 21.722.759 21.122.759 20.486,777	88 846 842 982 842 842 982 842 842 842 842 842 842 842 842 842 8	837.594 8.202.837 6.202.837 5.703.044 5.703.044 5.201.591 4.305.482 4.005.278 4.005.278 4.005.278 3.404.067 3.208.097	19,700,217 25,489,527 25,489,527 24,891,838 24,891,838 24,282,576 21,982,742 23,688,312 24,742,742 24,987,742 24,987,786 22,439,786 22,439,786 21,819,123 21,066,812 21,066,812 20,455,991 20,455,991 10,845,171	288.478 613.738 613.738 614.263 619.260 619.260 619.260 619.260	2 831 873 5 522 598 5 522 598 5 604 687 5 604 682 4 281 873 4 281 873 3 302 590 3 442 881 3 244 794 3 110 564 3 110 564 2 273 432 2 659,774 2 285,774 2 285,774 2 285,774 2 285,774 2 285,774 2 285,774 2 285,774 2 285,774	15,773,880 15,539,319 15,539,319 15,539,319 15,121,425 14,748,864 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 13,622,182 13,623,182 13,248,621 12,874,060 12,499,499 12,499,499 12,124,939	234.561 375.588 375.588 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561	2 912.423 3 988.301 9 775.750 2 589.150 2 371.359 2 371.359 2 371.359 2 371.359 2 371.359 2 371.359 1,971.555 1,971.555 1,871.555 1,810.650 1,818.367 1,614.339 1,614.339 1,614.339	8 961 495 8 208 122 8 770 372 8 670 372 8 664 623 8 648 873 8 428 873 8 273 123 8 107 373 8 107 373 5 941 823 5 775 874 5 610, 124 5 644, 374 5 444, 374 5 444, 374 5 444, 374	25.372 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750 165.750	259,734 1,621,857 1,621,857 1,469,862 1,445,860 1,132,702 1,132,702 1,132,702 1,132,702 1,132,703 1,132,70
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20 25 25 25 25 25 25 25 25 25 25 25 25 25		W homeward FIDE W 11.8 % FIDE	2006 2007 2007 2007 2008 2008 2008 2009 2009 2009 2010 2011 2011 2011 2011	24 921 227 26 916 602 26 916 602 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 26 273 620 273 716 627 23 701 687 23 701 687 23 705 62 24 55 723 22 415 723 22 415 723 22 415 723 22 415 723 21 772 741 21 772 741 21 772 741 21 772 741 21 777 20 486 777 70 20 486 777 10 443 775 20 485 777 10 443 775 20 485 777 10 443 775 20 485 777 20	88 846 842 982 842 842 982 842 982 842 842 842 842 842 842 842 842 842 8	837.584 6.202.837 5.703.044 6.201.837 5.703.044 6.201.837 6.201.83	19,700,217 25,489,527 26,489,527 26,489,527 26,489,527 26,489,537 24,265,537 24,265,537 24,265,337 25,668,312 25,668,312 25,668,312 25,668,312 25,668,312 21,819,123 21,968,812 22,499,786 21,819,123 21,968,812 22,498,786 21,819,123 21,968,812 21,968,812 20,455,901 20,455,901 10,455,901 10,234,355	288.478 613.738 613.738 614.263 644.263 644.263 644.263 644.263 644.263 644.263 644.263 644.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263 664.263	2 831 873 5 522 598 5 522 598 5 614 682 5 614 682 4 280 327 4 290 420 3 902 590 3 444 924 3 110 954 3 110 954 2 273 432 2 273 432 2 273 432 2 273 432 2 275 598 2 215 598 2 215 598	15,773,880 15,539,319 15,539,319 15,539,319 15,121,425 14,746,964 14,372,303 14,372,303 14,372,303 14,372,303 14,372,303 12,248,621 13,248,621 13,248,621 13,248,621 12,249,499 12,499,499 12,499,499 12,124,939 12,124,939 12,124,939 12,124,939	234.561 375.588 375.588 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561 374.561	2 302.423 3 388.301 3 388.301 3 075.759 2 589.159 2 589.159 2 571.359 2 071.359 2 071.359 2 071.359 2 071.359 1,971.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555 1,871.555	5.951.495 6.306.122 6.770.372 6.770.372 6.604.623 6.438.873 6.438.873 6.473.123 6.177.373 6.177.	25.372 165.750	290,734 1,621,657 1,622,657 1,460,662 1,445,550 1,134,550 1,134,550 1,134,550 1,132,702 1,1037,208

1	New Plant Carry	ing Charge				Page 3 of 21
2	Fixed Charge R if not a CIAC	tate (FCR) if				
3 4 5		A B C	Formula Line 152 159	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge per 103 Seals Point in ROE without Depreciation Line S less Line A	9.81% 10.42% 0.61%	
6	FCR If a CIAC					
7		D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.28%	
				The FCR resulting from Formula in a given year is used for that year only.  Therefore schall revenues collected in a year do not change based on cost data for subsequent years.		
				Per FERC Order dated December 30, 2011 in Docket No. ER13-296, the RDE for the Northeast Grid Reliability P		
9				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1. For abandoned clarif lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Lin 13 month, assemblations from Attach 5s, and 16 will be 90 will be supported by the profit in has another of insure from a	e IT is the	

*0		Details		Boseler	nd Transformers (B	0274)	West	Trao Branchburg (B)	H79 9.	Bernstein i	Sudson - South Waterfro	ur (Deserv)	Parantutur!	louth Mahwah J-3419 Cir	mat (British)
	"Yes" if a project under PJM	Danie		- NAME OF THE PERSON NAME OF THE	to management to	WAJ-90	1000	TOP REPORT OF THE		No. of Contract of	Santi Pater Harris	CIR. DESCRIBE	NO. ATTENDED	Marian 2200	CAR DESIGNATION
**	OATT Schedule 12, otherwise	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life	(	42			42			42			42		
	"Yes" if the customer has paid a	_					-			_			_		
	amount of the investment on														
13	line 20 Otherwise "No"	CMC	(Yes or No)	No			No			No.			No.		
	input the allowed increase in		,												
16	From line 3 above if "No" on line	Increased ROE (Basis Points)					0						0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.81%			9.81%			981%			9.8%		
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project		0.81%			9.81%			991%			0.07%		
10	Service Account 101 or 106 if	PURTOR I RIS PROJECT		9.01%			9.01%			881%			9.87%		
	not yet classified - End of year														
17	balance	Investment		21,014,433			27,988			9,158,918			20,626,991		
		Annual Depreciation or Amort Exp													
19	Line 17 divided by line 12			500,344			666			218,069			491,119		
19	Months in service for deposition expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if														
- 20	CWP)			2009			2008			2010			2011		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21 22		W 1168 % ROF	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W Intreased BOF	2006												
26		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008				36.369	577 577	5.114						
20		W 11.68 % ROE	2009	21.092.458	268.347	2.634.066	35.702	866	8.379						
29		W Increased ROE	2009	21.092.458	268.347	2.634.066	35.792	866	8.379						
30		W 11.68 % ROE	2010	20.797.967	501.579	4.507.079	27.122	666	5.890	8.806.222	18.700	169.959			
31		W Increased ROE	2010	20.797.967	501.579 501.775	4.507.079	27.122	666	5.890	8.806.222	18.700	169.959	20 622 051	200 100	2 495 709
32		W 11 68 % ROF W Increased ROE	2011	20.302.520	501.725	4.128.443	25.878 25.878	666	5.289 5.289	9 140 218 9 140 218	218.069	1 850 822 1.850 822	20 623 951	300,198	2.435.793
34		W 11.68 % ROE	2012	19.802.055	501.755	3.475.512	25.212	666	4.453	8,922,149	218.069	1.557.946	20.326.793	491.119	3.543.678
20		W Invessed ROF	2012	19.802.055	501 755	3 475 512	25 212	888	4.453	8 922 149	218 069	1 557 046	20 326 703	491 119	3 543 678
36		W 11.68 % ROE	2013	19.300.300	501.755	3.183.218	24.546	666	4.077	8.704.079	218.069	1.427.360	19.835.674	491.119	3.246.963
37		W Increased ROE W 11 68 % ROF	2013	19.300.300 18.798.545	501.755 501.755	3.183.218	24.546	988 988	4.077	8.704.079 8.486.010	218.069	1.427.360	19.835.674	491.119	3.246.963
38		W Increased ROE	2014	18.798.545	501.755	2.817.996	23.880	666	3.609	8.486.010	218.069	1.263.663	19.344.555	491.119	2.874.636
40		W 11.68 % ROE	2015	18.296.790	501.755	2.646.618	23.213	666	3.388	8.267.940	218.069	1.187.289	18.853.437	491.119	2.701.236
41		W Increased ROE	2015	18,296,790	501,755	2,646,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
42		W 11.68 % ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
43		W Increased ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
44		W 11.68 % ROE W Increased ROE	2017 2017	17,235,419 17,235,419	500,344 500,344	2,433,270	21,880	888	3,120 3,120	7,831,801 7,831,801	218,069 218,069	1,096,394	17,871,199 17,871,199	491,119 491,119	2,495,347
65		W Increased NDE W 11.68 % RDE	2017	17,235,419	500,344 500.344	2,433,270	21,880	666	2,770	7,831,801	218,069	973.247	17,871,199	491,119	2,495,347
67		W Increased ROE	2018	16,735,075	500,344	2,160,233	21,214	666	2,770	7,613,732	218,069	973,247	17,380,080	491,119	2,214,984
65		W 11.68 % ROE	2019	16.234,731	500,344	1.813.000	20,548	666	2.328	7.395.662	218.069	816.044	16,888,961	491,119	1.856.673
49		W Increased ROE	2019	16,234,731	500,344	1,813,000	20,548	666	2,328	7,395,662	218,069	816,044	16,888,961	491,119	1,856,673
80		W 11.68 % ROE	2020	15,734,388	500,344	2,016,205	19,881	666	2,582	7,177,593	218,069	909,564	16,397,842	491,119	2,070,898
81		W Increased ROE	2020	15,734,388	500,344	2,016,205	19,881	666	2,582	7,177,593	218,069	909,564	16,397,842	491,119	2,070,898
12		W 11.68 % ROE W Increased ROE	2021	15.234.044	500.344 500.344	1.994.950	19.215	988 988	2.552	6.959.523 6.959.523	218.069	900.886	15.908.724 15.908.724	491.119	2.051.721
83		w increased NDE	4661	13,234,044	500.344	1.364.950	13/,215	666	2.552	0.959.523	∠18.069	930.886	13,505,724	491,119	£1851.721

1	New Plant Carryle	ng Charge				Page 4 of 2
2	Fixed Charge Ra If not a CIAC					
			Formula Line 152	Net Plant Carrying Charge without Depreciation	9.81%	
3		A				
4		8	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
\$		c		Line Bless Line A	0.61%	
4	FCR If a CIAC					
7		D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.28%	
				The FCR resulting from Formula in a given year is used for that year only.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
4				Per FERC Order dated December 30, 2011 in Dockat No. ER13-205, the RDE for the Northeast Grid Reliability Project is 11.33%,		
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the		

10		Details			outh Mahwah K-3411 Ci			urg 400 MVMR Capacitor (I		6-ee- 0	ok - Athenia Upprade Cab	a design		rville-Flastown Reconduc	
100	"Yes" if a project under PJM	Dunana		A PARTICIPATION OF	CONTRACTOR NOTICE	CAR DESCRIP	MANUAL PROPERTY.	and and at the California D	DAIN)	22027 83	OR PRINTED OF THE CASE	OF DESCRIPTION	BI BI COLOR OF THE PARTY OF THE		MA DESCRIPTION OF
	OATT Schedule 12, otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project "Yes" if the contoner has reid a	Life		42			42			42			42		
	lumpeum payment in the														
	amount of the investment on line 29. Otherwise "No"														
13	Irus 70 ('Oherwise 'No.'	CAC	(Yes or No)	No			No			No			No		
14	BOF	Increased ROE (Basis Points)													
	From line 3 above if "No" on line														
46	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.81%			9.81%			9.81%			9,81%		
-	Line 14 plus (line 5 times line	TI DOM FOOL		0.011			88110			22110					
16	15)/100	FCR for This Project		9.81%			9.81%			9.81%			9.81%		
	Service Account 101 or 106 if not yet classified - End of year														
17	balance	Investment		21.163.173			77.234.030			14.404.842			18.664.931		
	Line 17 divided by line 12	Annual Depreciation or Amort Exp		513.685			1,838,905			362.972			464.400		
18	Months in service for			503,885			1,838,905			362,912			464,433		
19	depreciation expense from			13.00			13.00			13.00			13.00		
90	Year placed in Service (0 if CWP)			2011			9049			2012			2012		
-	WIII-1			- 40						- 202			2012		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21		W 1168 % ROF	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenu
22		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROF	2007												
26															
27		W 11.68 % ROE	2008												
		W 11.68 % ROE W Increased ROE	2008 2008												
28		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2008 2009												
28 29		W 11.68 % ROE W Increased ROE	2008 2008 2009 2009												
28		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2008 2008 2009												
28 29 30 31		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011	20 511 158	37 SAA	284 735									
28 29 30 31 32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W moreased ROE W moreased ROE	2008 2008 2009 2009 2010 2010 2011 2011	20.511.158	37.566	284.735									
28 29 30 31 32 33 34		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W I11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011	20.511.158 21.132.707	37.566 504.054	284.735 3.677.641	79.937.194	1.240.233	9.062.770	14.401.477	210.412	1.537.549	19.820.557	318.342	
28 29 30 31 32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W moreased ROE W moreased ROE	2008 2008 2009 2009 2010 2010 2011 2011	20.511.158	37.566	284.735	79.937.194 70.937.104 70.936.082	1,240,233 1,240,293 1,915,127	9.062.770 q.062.770 12.017.006	14.401.477 14.401.477 14.104.470	210.412 210.412 327 972	1.537.540 1 R37.540 2 315.058	19.820.557 10.820.557 10.820.505	318.342 318.342 443.163	2 326
28 29 30 31 32 33 34 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	20.511.158 21.132.707 21.132.707	37.566 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070	70 037 104	1.915.127	9 082 770 12.917.996	14 401 477	210.412	1 537 549 2.315.058	19 820 557	318 342	2 326 2.984
28 29 30 31 32 33 34 36 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.508	37.588 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 2.683.683	79.195.082	1 940 993 1,915,127 1,915,127 1,915,127	9 082 770 12 917 996 12 917 996 11 437 088	14 401 477 14 194 429 14 194 429 13 851 457	210 412 342 972 342 972 342 972	1 537 549 2.315.058 2.315.058 2.049 664	19 829 557 18 294 505 18 294 505 17 903 425	318 342 443 163 443 163 444 403	2 926 2 984 2 984 2 650
28 29 30 31 32 33 34 36 36 37 38 38		W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.598 20.124.598	37.568 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 9.683.683 2.983.683	79.195.082 79.195.082 79.195.082 77.279.965 77.279.965	1 240 293 1.915.127 1.915.127 1.915.127 1.915.127	9 082 770 12.917.996 12.917.996 11.437.088 11.437.088	14.194.429 14.194.429 14.194.429 13.851.457	210.412 342.972 342.972 342.972 342.972	1 537 549 2 315 058 2 315 058 2 049 664 2 049 664	19 829 567 18 294 505 18 294 505 17 903 425 17 903 425	318 342 443 163 443 163 444 403 444 403	2 926 2 984 2 984 2 650 2 650
28 29 30 31 32 33 34 36 36 37 38 39		W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.598 20.124.598 19.620.544	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 2.983.683 2.804.096	70 037 104 79 196 082 79 196 082 77 270 066 77 279 965 75 364 829	1 240 293 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127	9 082 770 12.917.996 12.917.996 11.437.096 11.437.096 10.749.859	14 401 477 14.194.429 14.194.429 13.851.457 13.851.457 13.508.484	210 412 342.972 342.972 342.972 342.972 342.972	1 537 549 2.315.058 2.315.058 2.049.664 1.926.521	19 829 557 18 294 505 18 294 505 17 913 425 17 903 425 17 459 922	318 342 443 163 443 163 444 408 444 403	2 926 2 984 2 984 2 980 2 650 2 491
28 29 30 31 33 34 36 36 37 38 39 40 40		W 11.68 % ROE W Interessed ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2013 2013 2014 2014 2015	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.598 20.124.598 19.620.544 19.620.544	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 2.983.683 2.804.096 2,804.096	70 037 104 79 195 082 79 195 082 77 270 055 77 279 955 75 364 829 75 364 829	1 240 293 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127	9 082 770 12.917.996 12.917.996 11.437.098 11.437.098 10.749.859 10,749.859	14 401 477 14 194 429 14 194 429 13 851 457 13 851 457 13 508 484 13 508 484	210 412 342.972 342.972 342.972 342.972 342.972 342.972 342,972	1 537 549 2 315.058 2 315.058 2 049.684 2 049.684 1.926.521 1,926,521	19 820 557 18 294 505 18 294 505 17 903 425 17 903 425 17 459 022 17 459 022	443.163 443.163 443.163 444.403 444.403 444.403	2 926 2 984 2 984 2 950 2 950 2 491 2 491
28 29 20 21 22 23 24 26 27 28 28 29 40 41		W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2015 2015 2016	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.508 20.124.508 19.620.544 19,620.544 19,116,400	37.568 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284,735 3,677,641 3,677,641 3,370,070 3,370,070 2,983,683 2,884,096 2,804,096 2,691,625	70 037 104 79.195.082 79.195.082 77.270 055 77.279.955 75.364.829 75.364.829 70,419,117	1 240 293 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.942.970	9,082,770 12,917,998 12,917,998 11,437,084 11,437,088 10,749,859 10,749,859 9,901,291	14 401 477 14.194.429 14.194.429 13.851.457 13.851.457 13.508.484 13.508.484 13.165.512	210.412 342.972 342.972 342.972 342.972 342.972 342.972 342.972	1 537 549 2 315.058 2 315.058 2 049.684 2 049.684 1.926.521 1,926,521 1,849,551	10 820 557 18.294.505 18.294.505 17 003.425 17.903.425 17.459.022 17,459.022	443,163 443,163 444,163 444,403 444,403 444,403 444,403	2 936 2 984 2 984 2 950 2 650 2 491 2 391
20 20 21 22 23 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W 11.88 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2014 2014 2015 2016 2016	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.628.652 20.124.508 19.620.544 19.620.544 19.116.490 19.116.490	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504,054 504,054	284,735 3,677,641 3,677,641 3,370,070 3,370,070 2,983,683 2,804,096 2,804,096 2,601,625 2,691,625 2,691,625	70 037 104 79.195.082 79.195.082 77.270 065 77.279.955 75.364.829 75.364.829 70,419,117 70,419,117	1 240 233 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.842.970 1.842.970	0 082 770 12.917.996 12.917.996 11.437.096 11.437.096 10.749.859 10.749.859 9.901.291 9.901.291	14 401 477 14 194 429 14 194 429 13 851 457 13 851 457 13 508 484 13 165 512 13 165 512	210 412 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972	1 537 540 2 315.058 2 315.058 2 049.684 2 049.684 1 926.521 1 926.521 1 ,849,551 1 ,849,551	10.820.557 18.294.505 18.294.505 17.903.425 17.939.022 17.459.022 17.014,619 17.014,619	443,163 443,163 444,163 444,403 444,403 444,403 444,403 444,403 444,403	2 934 2 984 2 984 2 650 2 650 2 491 2 391 2 391
28 29 20 21 22 23 24 25 26 27 28 29 40 41 41 42 41 41 41 41 41 41 41 41 41 41 41 41 41		W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.598 20.124.598 19.620.544 19,620.544 19,116,490 19,116,490 18,612,436	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504,054 504,054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 9.683.683 2.804.096 2.804.096 2.691,625 2.691,625 2.591,411	70.037 10.4 79.195.082 79.195.082 77.195.082 77.279.955 75.384.829 75,384.829 70,419,117 70,419,117 68,524,248	1 240 298 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.842.970 1.842.970 1.841.734	0 042 770 12 917 996 12 917 996 11 437 098 11 437 098 10 749 859 10 749 859 9,901,291 9,901,291 9,526,626	14 401 477 14 194 429 14 194 429 13 851 457 13 851 457 13 508 484 13 508 484 13 165 512 13 165 512 12 822 540	210 412 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972	1 537 540 2 315.058 2 315.058 2 315.058 2 049.664 1.926.521 1,926.521 1,849,551 1,781,001	10.820.557 18.294.505 18.294.505 17.903.425 17.903.425 17.459.022 17.459.022 17.014.619 16.570.216	443,163 443,163 444,163 444,403 444,403 444,403 444,403 444,403 444,403 444,403	2 326 2 984 2 984 2 950 2 650 2 491 2 391 2 391 2 392
20 20 20 21 22 23 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W 11.68 % ROE W	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.508 10.620.544 19.620.544 19.116.400 19.116.490 18.612.436 18.612.436	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 2.963.683 2.804.096 2.804.096 2.804.096 2.601,625 2.601,625 2.501,411	70.037 10.4 79.195.082 79.195.082 77.279.955 75.384.829 75.384.829 70.419,117 70,419,117 68,524,248 68,524,248	1 940 983 1,915,127 1,915,127 1,915,127 1,915,127 1,915,127 1,915,127 1,842,970 1,842,970 1,841,734 1,841,734	0,042,770 12,917,996 12,917,996 11,437,098 11,437,098 10,749,859 9,901,291 9,901,291 9,526,626 9,526,626	14 401 477 14.194.429 14.194.429 13.851.457 13.851.457 13.508.484 13.508.484 13.165.512 12.822.540 12.822.540	210 412 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972	1 537 540 2 315 058 2 315 058 2 315 058 2 049 664 1 926 521 1 926 521 1 ,849,551 1 ,781,001 1,781,001	10.820.557 18.294.505 18.294.505 17.903.425 17.903.425 17.459.022 17,014.619 18.570.216	318 347 443, 163 443, 163 444, 163 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403	2 926 2 984 2 984 2 650 2 491 2 491 2 391 2 302 2 302
20 20 20 20 20 20 20 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40		W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.598 20.124.598 19.620.544 19,620.544 19,116,490 19,116,490 18,612,436	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504,054 504,054	284.735 3.677.641 3.677.641 3.370.070 3.370.070 9.683.683 2.804.096 2.804.096 2.691,625 2.691,625 2.591,411	70.037 10.4 79.195.082 79.195.082 77.195.082 77.279.955 75.384.829 75,384.829 70,419,117 70,419,117 68,524,248	1 240 298 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.842.970 1.842.970 1.841.734	0 042 770 12 917 996 12 917 996 11 437 098 11 437 098 10 749 859 10 749 859 9,901,291 9,901,291 9,526,626	14 401 477 14 194 429 14 194 429 13 851 457 13 851 457 13 508 484 13 508 484 13 165 512 13 165 512 12 822 540	210 412 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972 342 972	1 537 540 2 315.058 2 315.058 2 315.058 2 049.664 1.926.521 1,926.521 1,849,551 1,781,001	10.820.557 18.294.505 18.294.505 17.903.425 17.903.425 17.459.022 17.459.022 17.014.619 16.570.216	443,163 443,163 444,163 444,403 444,403 444,403 444,403 444,403 444,403 444,403	2 3984 2 984 2 984 2 950 2 491 2 491 2 391 2 392 2 302 2 043
28 29 20 20 20 20 20 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40		W 11.68 % ROE	2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	20.511.158 21.132.707 21.132.707 20.628.652 20.628.652 20.124.508 10.620.544 19.620.544 19.620.544 19.116.400 18.612.436 18.612.436 18.612.436	37.588 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.370.070 3.370.070 983.883 2.894.096 2.691,625 2.691,625 2.591,411 2.591,411 2.300,157	70.037 10.4 79.195.082 79.195.082 77.195.082 77.279.955 75.384.829 75.384.829 70,419,117 70,419,117 68,524,248 68,524,248 68,524,248	1 940 943 1,915.127 1,915.127 1,915.127 1,915.127 1,915.127 1,915.127 1,842,970 1,841,734 1,841,734 1,841,734	0 062 770 12 917 996 12 917 996 11 437 096 11 437 096 10 749 859 9 901,291 9 901,291 9 526,626 9 526,626 8,441,111 8,441,111	14 401 477 14.194.429 14.194.429 13.851.457 13.851.457 13.508.484 13.508.484 13.165.512 13.165.512 12.822.540 12.822.540 12.479.588	210.412 342.972 342.972 32.972 32.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972	1 507 540 2 315,058 2 315,058 2 315,058 2 140,664 1,926,521 1,926,521 1,849,551 1,781,001 1,781,001 1,580,774	10 820 557 18 294 505 18 294 505 17 003 425 17 903 425 17 459 022 17 459 022 17,014,619 16,570,216 16,570,216 16,570,216	318 342 443, 163 443, 163 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403	2 378 2 984 2 984 2 650 2 491 2 491 2 391 2 392 2 302 2 043 2 043
28 20 20 21 22 23 24 25 26 27 28 40 41 40 41 40 41 41 41 41 41 41 41 41 41 41 41 41 41		W 11.68 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2013 2013 2014 2015 2015 2016 2016 2017 2017 2017 2018	20.511.158 21.132.707 21.132.707 20.626.652 20.626.652 20.124.598 20.124.598 19.620.544 19.116.490 19.116.490 18.612.436 18.612.436 18.612.436 18.613.832	37.566 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054	284.735 3.677.641 3.370.070 3.370.070 983.883 2.804.096 2.804.096 2.801,625 2.691,625 2.591,411 2.591,411 2.590,157	70.037 10.4 79.195.082 79.195.082 79.195.082 77.279.055 75.384.829 75.384.829 70,419,117 70,419,117 68,524,248 68,524,248 68,524,248 68,563,714 68,563,714	1 940 948 1,915,127 1,915,127 1,915,127 1,915,127 1,915,127 1,915,127 1,842,970 1,842,970 1,841,734 1,841,734 1,838,905 1,838,905	0 042 770 12 917 996 12 917 996 11 437 096 11 437 096 10 749 859 10 749 859 9 901,291 9 901,291 9 526,626 9 526,626 8 441,111	14 an 1 ar 7 14.194.429 14.194.429 13.851.457 13.851.457 13.508.484 13.165.512 13.165.512 12.822.540 12.822.540 12.822.540 12.479.568 12.479.568	210 412 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972	1 537 540 2 315.058 2 315.058 2 315.058 2 040.684 1.926.521 1.926.521 1,849.551 1,781,001 1,781,001 1,580,774	10,820,557 18,294,505 18,294,505 17,903,425 17,903,425 17,459,022 17,014,619 16,570,216 16,570,216 16,570,216 16,125,813	318 343 443, 163 443, 163 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403 444, 403	2 976 2 984 2 984 2 985 2 650 2 491 2 391 2 391 2 302 2 902 2 043 1 712
		W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68	2008 2009 2009 2009 2010 2010 2011 2011 2011	20.511.158 21.132.707 21.192.707 20.628.652 20.628.652 20.124.508 10.620.544 10.620.544 10.116.490 10.116.490 18.612.436 18.612.436 18.612.436 18.612.436 18.700.382 17.507.228 17.507.228	37.588 504.054 604.054 604.054 604.054 604.054 604.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.055 503.885 503.885 503.885 503.885	284.735 3.677.641 3.877.841 3.370.070 983.883 2.804.096 2.804.096 2.801,825 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625	70 037 104 70 165 082 70 195 082 77 270 95 77 270 95 77 270 95 75 394 829 70 419,117 70 419,117 70 452,4248 85,524,248 86,563,714 64,724,808 64,724,808 64,724,808	1.945.927 1.915.127 1.915.127 1.916.127 1.915.127 1.915.127 1.915.127 1.842.970 1.841.734 1.841.734 1.841.734 1.838.905 1.838.905 1.838.905	0 Ne7 77h 12 917 906 12 917 906 11 427 098 11 437 098 10 749 859 10 749 859 10 749 859 9 901 291 9 901 291 9 526,626 8 441,111 7 072 218 7 072 218	14 401 477 14 194 429 14 194 429 12 851 457 13 551 457 13 508 484 13 508 484 13 166,512 12 822,540 12 822,540 12 479,568 12 136,595 12 136,595 12 136,595 12 136,595	342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972	1 517 540 2 315.058 2 315.058 2 316.058 2 316.058 2 316.058 2 316.058 2 316.058 2 316.058 1 326.521 1 326.521 1 326.521 1 326.521 1 327.001 1 327.001 1 327.001 1 327.001 1 327.001 1 327.001	10 R20 A57 18. 294 505 18. 294 505 17 003 425 17. 903 425 17. 459.022 17. 459.022 17.014,619 17.014,619 16,570,216 16,570,216 16,570,216 16,125,813 15,681,410 15,681,410	443, 163 443, 163 444, 163 444, 403 444, 403	2 936 2 984 2 984 2 650 2 650 2 491 2 991 2 991 2 992 2 902 2 903 1 712 1 712 1 1912
28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % RO	2008 2009 2009 2010 2010 2011 2011 2011 2011	20.511.158 21.132.707 71.192.707 20.628.652 20.628.652 20.124.508 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.544 10.620.644	37.588 504.054 504.055 504.055 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.055 504.055 504.055 504.055 504.054 504.055 504.055 504.055 504.055 504.055	284.735 3.677.641 3.677.641 3.370.070 963.863 2.693.663 2.894.096 2.894.096 2.891.625 2.691.625 2.691.625 2.591.411 2.591.411 2.591.411 2.590.157 2.390.157 1.908.706 2.151.500 2.151.500	70 097 104 79 195 082 79 195 082 77 270 065 77 270 955 75 394 829 70 419 117 86 524 248 86 569 714 86 569 714 86 524 248 86 583 714 86 583 714 86 583 714 86 583 714 86 583 714	1 940 939 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.915.127 1.842.970 1.841.734 1.838.905 1.838.905 1.838.905 1.838.905 1.838.905	0 NO 770 12.917.998 12.917.998 11.437.098 10.749.859 10.749.859 10.749.859 9.901.291 9.526.628 8.441.111 8.441.111 8.441.111 7.897.105	14 201 477 14 194 429 14 194 429 13 85 1457 13 85 1457 13 508 484 13 185 512 12 822,540 12 479,588 12 479,588 12 198,595 11 793,622	210.412 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972 342.972	1 537 540 2 315.058 2 315.058 2 140 544 1.926.521 1,926,521 1,849,551 1,781,001 1,580,774 1,580,774 1,520,774 1,324,275 1,479,178	10, 820, 657 18, 294, 505 17, 903, 425 17, 903, 425 17, 459, 022 17, 459, 022 17, 014, 619 16, 570, 216 16, 125, 813 16, 125, 813 16, 125, 813 15, 881, 410 15, 237, 008	318 347 443.163 443.163 444.403 444.403 444.403 444.403 444.403 444.403 444.403 444.403 444.403 444.403 444.403	2.328, 2.994, 2.994, 2.650, 2.651, 2.991, 2.991, 2.992, 2.043, 1,712, 1,912, 1,912,
		W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68	2008 2009 2009 2009 2010 2010 2011 2011 2011	20.511.158 21.132.707 21.192.707 20.628.652 20.628.652 20.124.508 10.620.544 10.620.544 10.116.490 10.116.490 18.612.436 18.612.436 18.612.436 18.612.436 18.700.382 17.507.228 17.507.228	37.588 504.054 604.054 604.054 604.054 604.054 604.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.054 504.055 503.885 503.885 503.885 503.885	284.735 3.677.641 3.877.841 3.370.070 983.883 2.804.096 2.804.096 2.801,825 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625 2.801,625	70 037 104 70 165 082 70 195 082 77 270 95 77 270 95 77 270 95 75 394 829 70 419,117 70 419,117 70 452,4248 85,524,248 86,563,714 64,724,808 64,724,808 64,724,808	1.945.927 1.915.127 1.915.127 1.916.127 1.915.127 1.915.127 1.915.127 1.842.970 1.841.734 1.841.734 1.841.734 1.838.905 1.838.905 1.838.905	0 Ne7 77h 12 917 906 12 917 906 11 427 098 11 437 098 10 749 859 10 749 859 10 749 859 9 901 291 9 901 291 9 526,626 8 441,111 7 072 218 7 072 218	14 401 477 14 194 429 14 194 429 12 851 457 13 551 457 13 508 484 13 508 484 13 166,512 12 822,540 12 822,540 12 479,568 12 136,595 12 136,595 12 136,595 12 136,595	342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972 342,972	1 517 540 2 315.058 2 315.058 2 316.058 2 316.058 2 316.058 2 316.058 2 316.058 2 316.058 1 326.521 1 326.521 1 326.521 1 326.521 1 327.001 1 327.001 1 327.001 1 327.001 1 327.001 1 327.001	10 R20 A57 18. 294 505 18. 294 505 17 003 425 17. 903 425 17. 459.022 17. 459.022 17.014,619 17.014,619 16,570,216 16,570,216 16,570,216 16,125,813 15,681,410 15,681,410	443, 163 443, 163 444, 163 444, 403 444, 403	2 936 2 984 2 984 2 650 2 650 2 491 2 991 2 991 2 992 2 902 2 903 1 712 1 712 1 1912

1	New Plant Carrying Charge			Page 5 of
2	Fixed Charge Rate (FCR) if if not a CIAC			
	Formula A 152	Net Plant Carrying Charge without Depreciation	9.81%	
1	B 159	Net Plant Carrying Charge without Depreciation  Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5	č	Line Bless Line A	0.61%	
4	FCR If a CIAC			
7	D 153	Net Blant Carriero Charne without Decreriation. Between non-income Taxon	1.28%	
		The FCR resulting from Formula in a given year is used for that year only.		
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
		Per FERC Order dated December 30, 2011 in Docket No. ER13-296, the RDE for the Northeast Grid Reliab	Bity Project is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Janu	ary 1, 2012.	
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Project	Line 17 is the	

Ι.	***	Details		Someonille	Bridgewater Reconduct	or (BASSE)	New Essex-Kearny 128 k	Vicional and Keana 1981	When the (BARTA)	Salam 50	0 KV breakers (B1410-	81415)	1989V meno	ce Switching Station Up	errada (B1776)
- [ ]	"Yes" if a project under PJM														
Ι,	OATT Schedule 12, otherwise 11 "No"	Schedule 12	(Yea or No)	Yes			Yes			Yes			Yes		
١,	12 Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid : lumpsum payment in the	•													
	amount of the investment on														
-   1	13 from 79 Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No.			No			No		
	sa more	Incressed ROE (Basis Points)		0											
	From line 3 above if "No" on lin 13 and From line 7 above if														
Ι,	13 and From the 7 above if	11.68% ROE		9.87%			9.8%			9,81%			9.81%		
	Line 14 plus (line 5 times line														
1 '	15)/100 Service Account 101 or 105 if	FCR for This Project		9.8%			9.8%			9.81%			9.81%		
-1	not yet classified - End of year									1					
1	2 balance	Investment		6,390,403			45,985,436			15,865,267			21,732,218		
		Annual Depreciation or Amort Exp								1					
1 1	Line 17 divided by line 12 Months in service for			153,153			1,094,891			377,744			517,434		
١,	19 depreciation expense from			13.00			13.00			13.00			13.00		
Ι.	Year placed in Service (0 if 20 CWP)			2012			2012			2011			2013		
Н	a Case			2012			202			201			2013		
			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization		Ending	Depreciation or Amortization	Revenue
	n 22	W 11 68 % ROE	2006	Ensing	Amortization	Revenue	Energ	Amortization	Revenue	Energ	Amonization	Revenue	Enging	Amonization	REVENUE
1 2	23	W Increased ROE	2006												
	24	W 11.68 % ROE W Invessed ROF	2007												
	15 16	W Increased NOE W 11.68 % ROE	2007												
	27	W Increased ROE	2008												
		W 11.68 % ROE	2009 2009												
	28 20	W Increased ROE W 11.68 % ROE	2009												
		W Increased ROE	2010												
	10	W 11 68 % ROF	2011							2 640 253	9 537	73 000			
	33 34	W Increased ROE W 11 68 % ROF	2011 2012	4 404 012	57.853	422.751	22 800 866	123.008	898 857	2.640.253 7.275.941	9.537 108 279	73.000 790.336			
	54 35	W Invessed ROF	2012	4.404.012	57.853	422.751	22.800.886	123.008	898.857	7.275.941	108.279	790.336			
	m .	W 11.68 % ROE	2013	6.291.725	151.180	1.025.313	45.385.800	1.083.543	7.389.162	9.926.683	192.972	1.305.797	22.127.065	248.542	1.698.840
	27	W Increased ROE W 11 68 % ROF	2013 2014	6.291.725	151.180 152.152	1.025.313	45.385.800 44.747.660	1.083.543	7.389.162 6.607.679	9.926.683	192.972	1.305.797	22.127.065	248.542 524.777	1.698.840
	38 39	W Increased ROE	2014	6.181.332	152.152	913.777	44,747,660	1.094.148	6.607.679	15.445.872	289.093	1.755.636	21.792.104	524.777	3,209,866
- 1 -		W 11.68 % ROE	2015	6.029.218	152.152	858.935	43.772.546	1.096.982	6.228.271	15.276.916	378.019	2.168.874	21.267.327	524.777	3.017.865
	er .	W Increased ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,327	524,777	3,017,865
	0	W 11.68 % ROE W Increased ROE	2016 2016	5,877,066 5.877,066	152,152 152,152	824,687 824.687	42,662,264 42,662,264	1,096,665	5,978,667 5,978,667	14,899,633 14,899,633	378,036 378,036	2,083,057	20,438,822 20,438,822	517,546 517,546	2,856,436 2,856,436
	III.	W Increased NOE W 11.68 % ROE	2016	5,877,088	152,152	794,193	42,662,264	1,096,665	5,754,880	14,899,633	378,036	2,083,057	19.921.276	517,546 517,546	2,856,436
		W Increased ROE	2017	5,724,913	152,152	794,193	41.541.291	1,096,087	5,754,880	14,509,330	377,744	2.004.944	19.921.276	517,546	2,751,687
	on .	W 11.68 % ROE	2018	5,572,760	152,152	704,894	40,445,204	1,096,087	5,107,695	14,131,586	377,744	1,779,404	19,399,030	517,434	2,441,551
	er .	W Increased ROE	2018	5,572,760	152,152	704,894	40,445,204	1,096,087	5,107,695	14,131,586	377,744	1,779,404	19,399,030	517,434	2,441,551
	os 09	W 11.68 % ROE W Invessed ROF	2019	5,420,608	152,152 152,152	590,435 590,435	39,298,917 39,298,917	1,094,891	4,272,398 4,272,398	13,753,841	377,744 377,744	1,489,809	18,881,596 18,881,596	517,434 517,434	2,044,102
		W 11.68 % ROE	2019	5,420,606	152,152	659,719	38,253,031	1,096,087	4,781,410	13,753,641	377,744	1,666,407	18.364.061	517,434	2,286,639
	m 11	W Increased ROE	2020	5,268,456	152,152	659,719	38,253,031	1,096,087	4,781,410	13,376,097	377,744	1,666,407	18,364,051	517,434	2,286,639
	10	W 11.68 % ROE	2021	5.116.303	152.152	654.111	13.232.566	1.094.891	2.393.133	13.232.566	377.744	1.675.986	17.846.729	517.434	2.268.369
		W Increased ROE	2021	5.116.303	152,152	654,111	13.232.566	1.094.891	2.393.133	13.232.566	377.744	1,675,986	17.846.729	517.434	2.268.369

1	New Plant Carrying Charge				P	age 6 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC					
		Formula Line				
	â.	152	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	9.81%		
	B	159	Net Hant Carrying Charge per 100 basis Hors: In RUE: Warout Depreciation  Line R leve Line A.	0.61%		
	L L		LINE D BISS LINE A	0.01%		
6	FCR If a CIAC					
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.			
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.			
			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.32%,			
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.			
9			For abandoned plant lines 12, 14, 15, and 16 will be from Atlachment 5 - Abandoned Transmission Projects, Line 17 is the			
			13 month sugrams halance from Attach. So and I ins 10 will be number of months to be smortined in user nice one			

40	Detella			-Middlesex Switch Rack (			nofield Rd. Conversio			den-Richmond 230kV			a Roseland Breakers (bbt	
"Yes" if a project und			Branchburg	-MIDDIGRAS SWITCH HACK I	211222	Aldens-age	ngmaio Ro, Conversio	on (B1,299)	Opgrade Cami	sen-rocomono Zauky	CIPCUIT (D1200)	ausquitano	a Kosariand Breakers (200	III.3-4034III.130
OATT Schedule 12														
11 "No"	Schedule 12	(Yex or No)	Yes			Yes			Yes			Yes		
2 Useful life of the proi	ect Life		42			42			42			42		
"Yes" if the customer	has poid a													
lumpaum payment in														
amount of the investr														
<ol> <li>Inn 20 Otherwise W. Innet the allowed ince</li> </ol>		(Yes or No)	Nin			Nin			Nin			Nin		
input the allowed incr	howased ROE (Basis Points)											125		
From line 3 above if "														
13 and From line 7 at														
15 "Yes" on line 13	11.68% ROE		9.81%			9.81%			9.81%			9.81%		
Line 14 plus (line 5 ti	mea line													
19 15)/100	FCR for This Project		9.81%			9.81%			9.81%			10.57%		
Service Account 101	or 106 if		1											
not yet classified - Er			1											
17 balance	Investment		62,938,142			72,354,552			11,276,183			5,957,697		
	Annual Depreciation or Amort Exp.		1											
o Line 17 divided by lin	Annual Depreciation or Amort Exp		1.498.527			1,722,968			208.481			129.469		
Months in service for			1,480,223			1.722.968			208.461			139.469		
19 depreciation expense	from		13.00			13.00			13.00			13.00		
Year placed in Service	oe (D if													
20 CWP)	·		2013			2014			2014			2010		
										Decreriation or				
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
21	W 1168 % ROF	2006	Ending	Amortization	Revenue	Enging	Amortization	roevenue	Enging	Amortization	Revenue	Enging	Amonumion	REVENUE
22	W Increased ROE	2006												
21	W 11 68 % ROF	2006												
25	W Increased ROE	2007												
26	W 11 68 % ROF	2007												
27	W Increased ROE	2008												
	W 1168% ROE	2009												
	W Increased ROF	2009												
20	W 1168% ROE	2010										2 662 585	7.802	70
21	W Increased ROE	2010										2.662.585	7.802	70
32	W 1168% ROE	2011										5 849 885	116.061	966
	W Increased ROE	2011										5.849.885	116.061	1.014
M	W 1168% ROE	2012										5 733 823	139.469	1.000
30	W Increased ROF	2012	1									5 733 823	139.469	1.051
26	W 11.68 % ROE	2013	20.876.286	101.812	695.908							5.594.354	139.469	916
37	W Increased ROE	2013	20.876.286	101.812	695.908							5.594.354	139.469	967
38	W 1168% ROF	2014	60 374 269	1 499 907	8 878 852	68 405 611	556 909	3.438.903	7 389 782	37 992	234 500	5 454 886	139.469	811
	W Increased ROE	2014	60.374.269	1.439.907	8.878.852	68.405.611	556.909	3.438.903	7.389.782	37.992	234.599	5.454.886	139.469	850
29	W 1168% ROF	2015	61.346.085	1.497.329	8.688.697	71.213.315	1.708.815	10.056.881	11.126.578	265.823	1.570.150	5.315.417	139.469	762
		2015	61 346 085	1.497.329	8.688.697	71.213.315	1.708.815	10.056.881	11.126.578	265.823	1.570.150	5.315.417	139.469	808
40	W Increased ROE					70,112,484	1,723,291	9.746.523	10.972.368	268.481	1,524,089	5,175,948	139,469	73:
80 41				1 626 531						268 481				
60 61 62	W Increased ROE W 11.68 % ROE	2016 2016 2016	65,275,261	1,626,531	9,096,222	70,112,464			10 972 368		1 524 089	5 175 948	139.469	779
10 11 12	W Increased ROE	2016	65,275,261 65,275,261	1,626,531 1,626,531 1,498,527			1,723,291	9,746,523		268,481			139,469	
60 61 62 63 64	W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2016 2016 2017	65,275,261 65,275,261 58,272,563	1,626,531 1,498,527	9,096,222 8,033,708	70,112,484 68,392,049	1,723,291 1,723,359	9,393,425	10,703,887	268,481	1,468,905	5,036,479	139,469	704
60 61 62 63 64 66	W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2016 2016 2017 2017	65,275,261 65,275,261 58,272,563 58,272,563	1,626,531 1,498,527 1,498,527	9,096,222 8,033,708 8,033,708	70,112,484 68,392,049 68,392,049	1,723,291 1,723,359 1,723,359	9,393,425 9,393,425	10,703,887 10,703,887	268,481 268,481	1,468,905 1,468,905	5,036,479 5,036,479	139,469 139,469	704 747
60 61 62 63 64 66	W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2016 2016 2017 2017 2018	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121	1,626,531 1,498,527 1,498,527 1,626,482	9,096,222 8,033,708 8,033,708 7,790,721	70,112,484 68,392,049 68,392,049 66,664,575	1,723,291 1,723,359 1,723,359 1,723,261	9,393,425 9,393,425 8,335,470	10,703,887 10,703,887 10,435,407	268,481 268,481 268,481	1,468,905 1,468,905 1,303,530	5,036,479 5,036,479 4,897,011	139,469 139,469 139,469	70- 747 625
80 41 42 43 44 46 46 46	W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2016 2016 2017 2017 2018 2018	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721	70,112,484 68,392,049 68,392,049 66,664,575 66,664,575	1,723,291 1,723,359 1,723,359 1,723,261 1,723,261	9,393,425 9,393,425 8,335,470 8,335,470	10,703,887 10,703,887 10,435,407 10,435,407	268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530	5,036,479 5,036,479 4,897,011 4,897,011	139,469 139,469 139,469 139,469	704 741 625 660
60 61 62 63 64 66 66 67 67 68	W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE	2016 2016 2017 2017 2018 2018 2019	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121 55,147,554	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482 1,498,527	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721 5,957,472	70,112,484 68,392,049 68,392,049 66,664,575 66,664,575 64,929,028	1,723,291 1,723,359 1,723,359 1,723,261 1,723,261 1,722,968	9,393,425 9,393,425 8,335,470 8,335,470 6,972,793	10,703,887 10,703,887 10,435,407 10,435,407 10,166,926	268,481 268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530 1,000,525	5,036,479 5,036,479 4,897,011 4,897,011 4,757,542	139,469 139,469 139,469 139,469 139,469	704 741 625 680 524
60 41 42 43 44 46 46 46 46 46 47	W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE	2016 2016 2017 2017 2018 2018 2019 2019	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121 55,147,554 55,147,554	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482 1,498,527 1,498,527	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721 5,957,472 5,957,472	70,112,484 68,392,049 68,392,049 66,664,575 66,664,575 64,929,028 64,929,028	1,723,291 1,723,359 1,723,359 1,723,261 1,723,261 1,722,968 1,722,968	9,393,425 9,393,425 8,335,470 8,335,470 6,972,793 6,972,793	10,703,887 10,703,887 10,435,407 10,435,407 10,166,926 10,166,928	268,481 268,481 268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530 1,090,525 1,090,525	5,036,479 5,036,479 4,897,011 4,897,011 4,757,542 4,757,542	139,469 139,469 139,469 139,469 139,469 139,469	704 741 625 660 524 551
200 200 200 200 200 200 200 200 200 200	W Increased ROE W 11.68 W ROE W Increased ROE	2016 2016 2017 2017 2018 2018 2019 2019 2020	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121 55,147,554 55,147,554 53,649,027	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482 1,498,527 1,498,527 1,498,527	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721 5,957,472 6,667,112	70,112,484 68,392,049 68,392,049 68,684,575 68,684,575 64,929,028 64,929,028 63,218,053	1,723,291 1,723,359 1,723,359 1,723,261 1,722,968 1,722,968 1,722,968 1,722,968	9,393,425 9,393,425 8,336,470 8,336,470 6,972,793 6,972,793 7,813,732	10,703,887 10,703,887 10,435,407 10,435,407 10,166,926 10,166,926 9,898,446	268,481 268,481 268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530 1,090,525 1,090,525 1,222,104	5,036,479 5,036,479 4,897,011 4,897,011 4,757,542 4,757,542 4,618,073	139,469 139,469 139,469 139,469 139,469 139,469	776 704 747 625 660 524 559 584
60 41 42 42 43 44 44 44 44 44 44 44 44 44 44 44 44	W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE	2016 2016 2017 2017 2018 2018 2019 2019 2020 2020	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121 55,147,554 55,147,554 53,649,027 53,649,027	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482 1,498,527 1,498,527 1,498,527 1,498,527	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721 5,957,472 5,957,472 6,667,112 6,667,112	70,112,484 68,392,049 68,392,049 66,684,575 68,684,575 64,929,028 64,929,028 63,218,063 63,218,063	1,723,291 1,723,359 1,723,369 1,723,261 1,723,261 1,722,968 1,722,968 1,723,261 1,723,261	9,393,425 9,393,425 8,335,470 8,335,470 6,972,793 6,972,793 7,813,732 7,813,732	10,703,887 10,703,887 10,435,407 10,435,407 10,166,926 10,166,926 9,898,446 9,898,446	268,481 268,481 268,481 268,481 268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530 1,090,525 1,090,525 1,222,104 1,222,104	5,036,479 5,036,479 4,897,011 4,897,011 4,757,542 4,757,542 4,618,073 4,618,073	139,469 139,469 139,469 139,469 139,469 139,469 139,469	704 747 625 660 524 556 584 618
00 11 13 13 13 14 14 15 16 16 17	W Increased ROE W 11.68 W ROE W Increased ROE	2016 2016 2017 2017 2018 2018 2019 2019 2020	65,275,261 65,275,261 58,272,563 58,272,563 62,148,121 62,148,121 55,147,554 55,147,554 53,649,027	1,626,531 1,498,527 1,498,527 1,626,482 1,626,482 1,498,527 1,498,527 1,498,527	9,096,222 8,033,708 8,033,708 7,790,721 7,790,721 5,957,472 6,667,112	70,112,484 68,392,049 68,392,049 68,684,575 68,684,575 64,929,028 64,929,028 63,218,053	1,723,291 1,723,359 1,723,359 1,723,261 1,722,968 1,722,968 1,722,968 1,722,968	9,393,425 9,393,425 8,336,470 8,336,470 6,972,793 6,972,793 7,813,732	10,703,887 10,703,887 10,435,407 10,435,407 10,166,926 10,166,926 9,898,446	268,481 268,481 268,481 268,481 268,481 268,481	1,468,905 1,468,905 1,303,530 1,303,530 1,090,525 1,090,525 1,222,104	5,036,479 5,036,479 4,897,011 4,897,011 4,757,542 4,757,542 4,618,073	139,469 139,469 139,469 139,469 139,469 139,469	70/ 747 625 680 52/ 580 580

1	New Plant Carrying Charge				Page 7 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC				
	,	formula Line 152	Net Plant Carrying Charge without Depreciation	9.81%	
- 1	ĥ	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5	č		Line B less Line A	0.61%	
4	FCR If a CIAC				
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 a year do not change based on cost data for subsequent years.		
			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.976,		
			which includes a 25 basis-point transmission ROE adder as suthorized by FERC to become effective January 1, 2012.		
9			For abandoned plant lines 12, 14, 15, and 15 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the		

10		Dataila													
	Yes" if a project under PJM	Details		Susqueh	enna Roseland < \$00KV (B0	HIS.C	Susqueharn	a Roseland > 500KV (	B0402)	Burlington - Ca	mden 230kV Conve	raion (81156)	Mickleton-Glor	ucester-Camden[B1	398-81398.7
	TATT Schedule 12 otherwise														
	No*	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	beful life of the project	1 Ma		42			42			42			40		
	Yes" if the customer has paid a			-			-			-			_		
	umpourn payment in the														
	amount of the investment on														
	ine 20 Otherwise "No"	CAC	(Yes or No)	No			No			No			No		
	nput the allowed increase in														
		Increased ROE (Basis Points)		125			125			0					
	from line 3 above if "No" on line I 3 and from line 7 above if	1													
15	Yes" on line 13	11 68% BOF		9.81%			9.81%			99%			9.01%		
	ine 14 plus (line 5 times line	11.00 W NUL		20170			2010			****			8.81%		
	.ine 14 pus (ine 5 times ine 15)/100	FCR for This Project		10 57%			10.57%			9.81%			9.81%		
	Service Account 101 or 106 if	PUR IN THE PROPER		10.20 /4			10.21.9			8.01.0			8.01.0		
	not vet classified - End of year														
17	olance	Investment		40,539,249			721,910,808			256.574.888			438,447,199		
		Annual Depreciation or Amort Exp													
	ine 17 divided by line 12			965,196			17,188,353			8,499,879			10,439,219		
	Months in service for														
	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
	rear paces in service (U if SWIP)			2011			2012			2011			2000		
_	-307			400			200			- 2011			20.0		
					Depreciation or			Depreciation or			Democration or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenu
22		W 11.68 % ROE	2006												
99		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
-		W 11 68 % ROF	2009												
29		W Increased ROE	2009												
11		W 11 68 % ROF	2010												
31		W Increased ROE	2010												
32		W 1168% ROF	2010	7 844 331	111 778	905 525				19 902 939	147 204	1 150 144			
10		W Increased ROE	2011	7.844.331	111,778	952,449				19.902.939	147.204	1,150,144			
		W 1168% ROE	2012	7 628 074	184 491	1 331 330	4 694 511	8 508	62 828	19.848.511	475.501	3.452.558			
		W Increased BOE	2012	7 628 074	184 491	1 399 243	4 694 511	8 508	66.040	19.848.511	475 501	3.452.558			
26		W 11.68 % ROE	2013	6.391.895	159.242	1.047.292	25.426.870	605.606	4.138.257	118.115.741	2.827.106	19.237.368	777.714	1.424	
		W Increased BOE	2013	6 391 895	159.242	1.104.801	25.426.870	605 606	4 367 027	118 115 741	2 827 106	19 237 368	777 714	1.424	
		W 1168% ROF	2014	40.082.737	717 210	4 387 056	666.963.000	10 160 548	62 692 814	333 325 376	6 107 990	37 392 933	83 696 796	854 944	5 27
		W Increased ROE	2014	40.082.737	717.210	4.647.913	666,963,000	10.160.548	66.426.879	333.325.376	6.107.990	37.392.933	83.696.796	854.944	5.27
10		W 1168% ROF	2015	39.365.526	965.196	5.579.868	711.440.230	16.714.518	97.780.708	346.271.067	8.256.393	47.814.854	436.685.203	6.739.741	39.85
		W Increased BOF	2015	39 365 526	965 196	5.917.569	711.440.230	16.714.518	103 713 135	346.271.067	8 256 393	47.814.854	436 685 203	6 739 741	39.85
		W 11 68 % ROF	2016	38,400,330	965,196	5,359,489	694,520,844	17.213.677	98.796.429	338.712.254	8,485,957	47,233,422	430,965,203	10.495.692	60.00
12		W 11.68 % ROE W Increased BOE	2016	38,400,330	965,196 965,196	5,359,489								10,495,692	60,06
13		W Increased HUE W 11 68 % ROF	2016		965,196 965,196		694,520,844	17,213,677	102,755,603	338,712,254	8,485,957	47,233,422	430,951,154		
100				37,435,134		5,163,491	677,132,437	17,186,557	93,125,945	330,033,388	8,484,132	45,496,882	420,701,437	10,447,458	57,62
10		W Increased ROE	2017	37,435,134	965,196	5,487,093	677,132,437	17,186,557	98,979,324	330,033,388	8,484,132	45,496,882	420,701,437	10,447,458	57,62
100		W 11.68 % ROE	2018	36,469,937	965,196	4,582,513	659,838,953	17,184,011	82,630,967	321,549,258	8,484,132	40,377,399	410,411,336	10,451,205	51,15
		W Increased ROE	2018	36,469,937	965,196	4,848,227	659,838,953	17,184,011	87,438,438	321,549,256	8,484,132	40,377,399	410,411,336	10,451,205	51,15
		W 1168% ROF	2019	35.504.741	965.196	3.835.926	642,728,147	17.185.754	69.153.419	313.061.875	8.484.055	33,796,614	399,770,548	10.446.691	42.77
										313,061,875	8.484.055				
48															
44		W Increased ROE	2019	35,504,741	965,196	4,099,747	642,728,147	17,185,754	73,929,272			33,796,614	399,770,548	10,446,691	
48		W Increased ROE W 11.68 % ROE	2019 2020	35,504,741 34,539,544	965,196	4,292,760	625,620,033	17,187,648	77,460,316	304,580,993	8,484,132	37,827,676	389,587,112	10,452,951	47,986
48 49 80 81		W Increased ROE W 11.68 % ROE W Increased ROE	2019 2020 2020	35,504,741 34,539,544 34,539,544	965,196 965,196	4,292,760 4,549,433	625,620,033 625,620,033	17,187,648 17,187,648	77,460,316 82,109,464	304,580,993 304,580,993	8,484,132 8,484,132	37,827,676 37,827,676	389,587,112 389,587,112	10,452,951	42,770 47,986 47,986
44		W Increased ROE W 11.68 % ROE	2019 2020	35,504,741 34,539,544	965,196	4,292,760	625,620,033	17,187,648	77,460,316	304,580,993	8,484,132	37,827,676	389,587,112	10,452,951	47,986

1	New Plant Carrying Charge		Page 5 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC		
2 4 5	A B C	urlis Line 152 Net Plant Carrying Charge without Depreciation 159 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation Line & Sissa Line A	9.81% 10.82% 0.61%
6	FCR If a CIAC		
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 a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.3	275,
9		which includes a 25 basis-point transmission ROE adder as authorized by PERC to become effective January 1,2912. For abandoned client lines 12, 54, 15, and 16 will be from Atlanhment 5 - Abandoned rynamission Projects. Left if the 13 month average balance from Atlach 6s, and Line 19 will be number of months to be amortised by pair plus one.	

10	ect under PJM	Deballs		North Central I	Reliability (West Oran (B1154)	ge Conversion	Northeast Grid I	Reliability Project (B	1204.1-81204.40	Northeast Grid I	Reliability Project (B)	(304.5-81304.21)		ergen - Marion 138 kV and associated subst (B2436,10)	
	ule 12. otherwise														
11 "No"	ule 12, otherwise	Schucksin 12	(Yes or No)	Yes			Yes			Yes			Yes		
12 Useful life of th	the sectors	Life		42			- 42			42			42		
	atomer has paid a	Line								~			~		
lumpaum paym	ment in the														
1) line 29 Others		CIAC	(Yes or No)	No.			100			No.			No.		
legal the silver	eed increase in		(100001100)												
54 BOS		Increased ROE (Basis Points)		0			25			25					
	bove if "No" on line														
13 and From li															
15 "Yes" on line 1		11.68% ROE		9.91%			9.91%			9.81%			9.81%		
Line 14 plus (I	line 5 times line														
16 15)/100		FCR for This Project		9.81%			9.90%			9.90%			9.81%		
Service Accou	unt 101 or 106 if									1					
not yet classifi	fied - End of year									l					
17 balance		Investment		369,946,472			625,130,258			350,930,265			179,505,240		
		Annual Depreciation or Amort Exp								1					
18 Line 17 divides	ad bustiers 57	Annual Depreciation or Amort Exp		8,008,249			14,894,054			8.355.493			4272394		
Months in serv				1,101,249			10,000,004			8,350,663			4,273,004		
19 depreciation e	VIOR for			13.00			13.00			13.00			13.00		
Year placed in				13.00			1300			1300			12.00		
20 CWP)				2012			2013			2019			2016		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21	L		Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
26		W 11.68 % ROE	2007												
25															
26		W Increased ROE	2007												
27		W Increased ROE W 11.68 % ROE	2008												
		W Increased ROE W 11.68 % ROE W Increased ROE	2007 2008 2008												
		W 11.68 % ROE W Increased ROE	2008 2008												
28		W 11.68 % ROE	2008												
28		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2008 2008 2009 2009												
28 29 30		W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2008 2009 2009 2010												
28 29 30 31		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2008 2008 2009 2009												
28 29 30 31 32		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011												
28 29 30 31 32 33		W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE	2008 2008 2009 2009 2010 2010	16 441 748	30.113	220.046									
28 29 30 31 32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012												
28 29 30 31 32 33 34 36		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE	2008 2008 2009 2009 2010 2010 2011 2011	18.441.748 18.441.748 257.80.064	30.113 30.113 8.135.000	220.046 220.046 41.020.035	29 488 022	89.947	502.253						
28 29 30 31 32 33 34 36 38		W 11.85 % ROE W Increased ROE W 11.85 % ROE W Increased ROE W 11.85 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	16 441 748 257 640 264	90 113 6.135.009	220 046 41.929.935		86.647							
200 200 201 201 202 203 203 203 203 203 203 203 203 203		W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	16 441 748 257 640 264 257 640 264	90 113 6.135.009 6.135.009	220 046 41,929,935 41,929,935	23.466.022	86.647 86.647 2 200 627	598.801						
28 29 30 31 32 33 34 36 36 37		W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	18 441 748 257,840,264 257,840,264 380,873,484	90 113 6.135,009 6.135,009 7.742,954	220 046 41,929,935 41,929,935 47,135,628	23.466.022 274 113.325	88.647 2 382 627	598.801 14 708 781						
20 20 20 21 22 23 33 34 36 26 27 28		W 11.85 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	16 441 748 257,640,264 257,640,264 960,673,484 360,673,484	30 113 6.135.009 6.135.009 7.742.954 7.742.354	220 046 41,929,935 41,929,935 47,195,628 47,135,528	23.466.022 974.113.325 274.113.325	86.647 9 389 697 2.382.627	598.801 14.708.781 14.884.013						
20 20 20 20 20 21 22 23 23 24 25 26 25 26 25 26 25 26 26 27 28 26 26 26 26 26 26 26 26 26 26 26 26 26		W 11.85 % ROE W 11.86 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2012	16.441.748 257.640.264 257.640.264 360.673.484 360.673.484 355.885.266	90 119 6.135.009 6.135.009 7.742.954 7.742.354 8.777.921	220 046 41,929,935 41,929,935 47,195,628 47,135,528 50,370,637	23.466.022 974.113.395 274.113.325 433.597.024	88.847 2.382.627 2.382.627 7.852.675	598.801 14.708.781 14.884.013 46.296.391						
28 29 20 21 22 21 22 22 22 22 22 22 22 22 22 22		W 11.85 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	16 441 748 257,640,264 257,640,264 360,673,484 360,673,484 355,885,266 355,885,266	30 113 6.135.009 6.135.009 7.742.354 7.742.354 8.777.921 8,777.921	220 046 41,929,935 41,929,935 47,195,528 47,135,528 50,370,637 50,370,637	23.466.022 974.113.325 274.113.325 433.597.024 433.597,024	88.647 2 382.627 2.382.627 7.852.675 7,852,675	598.801 14.708.781 14.884.013 46.296.391 46,859,053						
200 200 20 20 20 20 20 20 20 20 20 20 20		W 11.85 % ROE W 11.86 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2014 2015 2015 2016	16 441 748 257,840,264 257,840,264 360,673,484 360,673,484 355,885,266 355,885,266 347,072,992	90 119 6.135.009 6.135.009 7.742.954 7.742.354 8.777.921 8.777.921 8.805,472	220 046 41,929,935 41,929,935 47,196,728 47,135,528 50,370,637 48,529,997	23.486.022 274.113.325 274.113.325 433.597.024 433,597,024 615,905,487	88.647 2 382.627 2 382.627 7.852.675 7,852,675 12,804,341	598.801 14.709.791 14.884.013 46.296.391 46.859,053 73,330,415	352,027,464	8,381,606	48,865,417	178,685,539	2,436,719	14,148,115
200 200 201 202 203 204 204 206 207 207 208 407 407 407 407 407 407 407 407 407 407		W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	16 441 748 257,640,264 257,640,264 940,673,484 360,673,484 355,885,266 355,885,266 347,072,992	30 113 6.135.009 6.135.009 7.742.954 7.742.354 8.777.921 8,777.921 8,805,472 8,805,472	220 046 41,929,935 41,929,935 47,195,628 47,135,528 50,370,637 50,370,637 48,529,997 48,529,997	23.486.022 274.113.325 274.113.325 433.597.024 433,597,024 615,905,487 615,905,487	86.647 9.90.697 2.382.627 7.852.675 7,852,675 12,804,341 12,804,341	598,801 14,709,791 14,884,013 46,296,391 46,859,053 73,330,415 74,236,857	352,027,464	8,381,606	49,268,709	178,685,539	2,436,719	14,148,115
200 200 20 20 20 20 20 20 20 20 20 20 20		W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W Increased ROE W 11.88 % ROE	2008 2008 2009 2009 2010 2010 2011 2011 2011 2013 2013 2014 2014 2015 2015 2016 2016 2016 2017	16 441 748 257,640,264 257,640,264 360,673,484 360,673,484 355,885,266 355,885,266 347,072,992 347,072,992 338,516,483	30 113 6.135.009 6.135.009 7.742.954 7.742.354 8.777.921 8,777.921 8,805,472 8,805,472 8,809,699	200 046 41,929,935 41,929,935 47,195,528 47,135,528 50,370,637 50,370,637 48,529,997 48,529,997 48,773,815	23.496.022 274.113.325 274.113.325 433.597.024 433.597,024 615,905,487 615,905,487 602,065,287	88.647 2.962.627 2.382.627 7.852.675 7.852.675 12.804.341 12.804.341 14.885,514	598,801 14 708 781 14 884,013 46,296,301 46,859,053 73,330,415 74,236,857 82,406,233	352,027,464 342,609,998	8,381,606 8,356,943	49,268,709 46,780,141	178,685,539 176,296,656	2,436,719 4,203,493	14,148,115 23,733,009
200 200 201 202 203 204 204 206 207 207 208 407 407 407 407 407 407 407 407 407 407		W 11.88 % ROE W Intrassed ROE W 11.68 % RCE W 11.68 % RCE W 11.68 % RCE W Intrassed ROE W 11.68 % RCE W Intrassed ROE W 11.68 % RCE	2008 2008 2009 2009 2010 2010 2010 2011 2011 2012 2012	16 441 748 257,640,264 257,640,264 940,673,484 360,673,484 355,885,266 355,885,266 347,072,992	90 119 6.135,009 6.135,009 7.72,954 7.742,354 8.777,921 8,777,921 8,805,472 8,805,472 8,805,472 8,809,699	200 046 41,929,935 41,929,935 47,195,528 47,135,528 50,370,637 50,370,637 48,529,997 48,529,997 48,773,815 46,773,815	23.486.022 274.113.325 274.113.325 433.597.024 433.597,024 615,905,487 615,905,487 602,065,287	88.847 2.382.827 2.382.827 7.852.875 7.852.875 12.804.341 12.804.341 14.885.514	598,801 14,708,781 14,884,013 48,296,391 46,859,053 73,330,415 74,236,857 82,406,233 83,447,128	352,027,464 342,609,998 342,609,998	8,381,606 8,356,943 8,356,943	49,268,709 46,780,141 47,372,470	178,685,539 176,296,656 178,296,656	2,436,719 4,203,493 4,203,493	14,148,115 23,733,009 23,733,009
28 29 20 20 21 22 22 22 23 24 24 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26		W 11.88 % ROE W Increased ROE	2008 2009 2009 2010 2010 2010 2011 2011 2011	16 441 748 257,640,264 257,640,264 360,673,484 360,673,484 355,885,266 355,885,266 347,072,992 347,072,992 338,516,483	90 119 6.135.000 7.742 954 7.742 354 8.777,921 8.777,921 8.805,472 8.805,472 8.809,699 8.809,699	200 046 41,929,935 41,929,935 47,195,528 47,195,528 50,370,637 50,370,637 48,529,997 46,773,815 46,773,815 41,512,081	23.496.022 274.113.325 274.113.325 433.597.024 433.597,024 615,905,487 615,905,487 602,065,287	86.647 2 382 827 2 382 827 7 852.675 7,852.675 12,804,341 12,804,341 14,885,514 14,885,514	598.801 14.708.781 14.884.01 48.296.391 46.859,053 73,330,415 74,236,857 82,406,233 83,447,128 73,134,812	352,027,464 342,609,998 342,609,998 334,327,320	8,381,606 8,356,943 8,356,943 8,358,711	49,268,709 46,780,141	178,685,539 176,296,656	2,436,719 4,203,493	14,148,115 23,733,009 23,733,009 21,470,381
28 28 20 20 20 21 22 22 22 22 22 22 22 22 22 22 22 22		W 11.88 % ROE W Intrassed ROE W 11.68 % RCE W 11.68 % RCE W 11.68 % RCE W Intrassed ROE W 11.68 % RCE W Intrassed ROE W 11.68 % RCE	2008 2008 2009 2009 2010 2010 2010 2011 2011 2012 2012	16 441 748 257,840,264 257,840,264 360,673,484 355,885,266 355,885,266 347,072,992 347,072,992 348,516,483 385,516,483	90 119 6.135,009 6.135,009 7.72,954 7.742,354 8.777,921 8,777,921 8,805,472 8,805,472 8,805,472 8,809,699	200 046 41,929,935 41,929,935 47,195,528 47,135,528 50,370,637 50,370,637 48,529,997 48,529,997 48,773,815 46,773,815	23.486.022 274.113.325 274.113.325 433.597.024 433.597,024 615,905,487 615,905,487 602,065,287	88.847 2.382.827 2.382.827 7.852.875 7.852.875 12.804.341 12.804.341 14.885.514	598,801 14,708,781 14,884,013 48,296,391 46,859,053 73,330,415 74,236,857 82,406,233 83,447,128	352,027,464 342,609,998 342,609,998	8,381,606 8,356,943 8,356,943	49,268,709 46,780,141 47,372,470	178,685,539 176,296,656 178,296,656	2,436,719 4,203,493 4,203,493	14,148,115 23,733,009 23,733,009
28 28 28 28 28 28 28 28 28 28 28 28 28 2		W 11.88 % ROE W Increased ROE	2008 2009 2009 2010 2010 2010 2011 2011 2011	16 441 748 257.840.264 257.840.264 360.673.484 350.852.86 355.885.266 347.072.992 347.072.992 338,516,483 359.8516,483 359.708,784	90 119 6.135.000 7.742 954 7.742 354 8.777,921 8.777,921 8.805,472 8.805,472 8.809,699 8.809,699	200 046 41,929,935 41,929,935 47,195,528 47,195,528 50,370,637 50,370,637 48,529,997 46,773,815 46,773,815 41,512,081	23,488,022 274,113,335 274,113,325 433,597,024 433,597,024 615,905,487 615,905,487 612,065,287 612,065,287 587,254,037	86.647 2 382 827 2 382 827 7 852.675 7,852.675 12,804,341 12,804,341 14,885,514 14,885,514	598.801 14.708.791 14.884.013 48.296.391 48.859.053 73,330,415 74,236,857 82,406,233 83,447,128 73,134,812 73,190,538	352,027,464 342,609,998 342,609,998 334,327,320	8,381,606 8,356,943 8,356,943 8,358,711	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557	178,685,539 176,296,656 176,296,656 174,138,554	2,436,719 4,203,493 4,203,493 4,283,105	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381
28 20 20 20 20 20 20 20 20 20 20 20 20 20		W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2009 2009 2009 2010 2010 2010 2010 2011 2011	16 441 748 257.840.284 267.840.284 368.673.484 355.885.286 355.885.286 347.072.992 347.072.992 348.516.483 329.706,784 329.706,784 329.706,784	90 113 6.135.000 6.135.000 7 742 94 7.742 354 8.777.921 8.777.921 8.805,472 8.805,472 8.806,690 8.809,690 8.809,690 8.809,690 8.809,690	290 048 41,929,935 47,192,935 47,192,708 47,135,528 50,370,637 50,370,637 48,529,997 48,529,997 48,773,815 46,773,815 41,512,081 41,512,081 41,512,081	23.486.022 274.113.325 274.113.325 433.597.024 615,905,487 615,905,487 602,065,287 602,065,287 587,254,037 587,254,037 572,230,628	88.847 2 382.827 7.852.875 7.852.875 7.852.875 12.804.341 14.885.514 14.885.514 14.887.282 14.887.282	598.801 14.708.781 14.884.013 48.296.301 48.859.053 73,330,415 74,236.857 82,406,233 83,447,128 73,134,812 73,990,538 61,151,642	352,027,464 342,609,998 342,609,998 334,327,320 334,327,320 325,832,479	8,381,606 8,356,943 8,356,943 8,358,711 8,358,711 8,355,470	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557 34,700,595	178,685,539 176,296,656 176,296,656 174,138,554 174,138,554 168,462,457	2,436,719 4,203,493 4,203,493 4,283,105 4,283,105 4,271,090	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381 17,892,091
28 28 28 28 28 28 28 28 28 28 28 28 28 2		W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.88 % ROE W Increased ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 %	2008 2009 2009 2010 2010 2010 2011 2011 2011	16, 441 748 257, 840, 264 90, 673, 484 558, 865, 266 355, 865, 266 355, 865, 266 347, 072, 992 338, 516, 483 328, 766, 784 329, 706, 784 320, 708, 784 320, 338, 205	90 119 6.135.000 6.135.000 7.742.354 8.777.921 8.777.921 8.805.472 8.805.472 8.806.690 8.806.690 8.806.690 8.806.690 8.806.690	290 048 41,929,935 47,198,528 47,198,528 47,135,528 50,370,637 48,529,997 48,773,815 48,773,815 48,773,815 48,773,815 48,773,815 48,773,815 48,773,815	23,486,022 274,113,375 274,113,325 433,597,024 433,597,024 433,597,024 615,905,487 615,905,487 602,065,287 587,254,037 587,254,037 587,254,037 572,239,626	88.647 2 362.627 7.852.675 7.852.675 7.852.675 12.804.341 14.885.514 14.887.282 14.887.282 14.884.041 14.884.041	598.801 14.702.781 14.884.013 48.296.391 48.859,053 73.330,415 74.236,857 82,406,233 83,447,128 73,134,812 73,990,538 61,151,642 62,002,045	352,027,464 342,609,996 342,609,996 334,327,320 334,327,320 325,832,479 325,832,479	8,381,606 8,356,943 8,356,943 8,358,711 8,358,711 8,355,470 8,355,470	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557 34,700,595 35,184,820	178,685,539 176,296,656 176,296,656 174,138,554 174,138,554 168,462,457 168,462,457	2,436,719 4,203,493 4,203,493 4,283,105 4,283,105 4,271,090 4,271,090	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381 17,892,091 17,892,091
28 20 20 20 20 20 20 20 20 20 20 20 20 20		W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.6	2008 2009 2009 2010 2010 2010 2011 2011 2011	16 441 748 257 840,264 267 840,264 268 673,484 368 673,484 355 885,266 355,885,266 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,073,992 347,073,992 347,073,992	90 119 6.135.009 6.135.009 7.742.954 8.777.921 8.777.921 8.805,472 8.805,472 8.809,699 8.809,699 8.809,699 8.809,699 8.809,699 8.808,249 8.808,249 8.808,249	920 Mar 41,920,935 41,920,935 47,195,658 50,370,637 50,370,637 48,529,997 48,529,997 48,529,997 48,773,815 41,512,081 34,749,401 38,878,401 38,878,401	23,486,022 274,113,325 274,113,325 433,597,024 433,597,024 615,905,487 615,905,487 602,065,287 587,254,037 587,254,037 572,230,628 572,230,628 572,230,638	88.847 2 90 827 2 382.827 7.852.875 7.852.875 12.804.341 12.804.341 14.885.514 14.885.514 14.887.282 14.887.282 14.884.041 14.884.041	598.801 14.708.794 14.884.013 46.296.391 48.859,053 73.330,415 74.239,657 82.406,233 83.447,128 73.134,812 73.990,538 61.151,642 62.002,045 66.583,626	352,027,464 342,609,998 342,609,998 334,327,320 334,327,320 325,832,479 325,832,479 317,512,336	8,381,606 8,356,943 8,356,943 8,358,711 8,358,711 8,355,470 8,355,470 8,356,346	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557 34,700,595 35,184,820 38,945,705	178,685,539 176,296,656 176,296,656 174,138,554 174,138,554 168,462,457 168,462,457	2,436,719 4,203,493 4,203,493 4,283,105 4,283,105 4,271,090 4,271,090 4,270,952	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381 17,892,091 17,892,091 20,086,787
28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		W 11.88 % ROE W Increased ROE W Increased ROE W 11.88 % RO	2008 2009 2009 2010 2010 2010 2011 2011 2011	18 A41 748 257.840,264 257.840,264 360.673,484 360.673,484 356.885,266 347.072,992 345,072,992 345,164,483 329.706,784 329.706,784 329.706,784 329.706,784 329.706,784	90 5142 6.135.009 7.742 954 8.777.921 8.805.472 8.805.472 8.805.699 8.809.699 8.809.699 8.809.699 8.809.699 8.809.699 8.809.699 8.809.699 8.809.699	790 MAR 41,929,935 41,929,935 47,195,528 50,370,637 50,370,637 48,529,997 48,529,997 48,773,815 46,773,815 46,773,815 41,512,081 34,749,401 38,876,415 38,876,415	23.498.022 274.113.325 433.597.024 433.597.024 433.597.024 615.005.487 615.005.487 602.065.287 587.254.037 587.254.037 572.230.626 572.230.626 557.383.451	88,847 2 % P P P P P P P P P P P P P P P P P P	598.801 14.708.794 14.884,013 46.296.391 46.859,053 73.339,415 74.296,857 82.406,233 83.447,128 73.134,812 73.990,538 61.151,642 62.002,045 68.583,626 69.412,039	352,027,464 342,609,998 342,609,998 334,327,320 334,327,320 325,832,479 325,832,479 317,512,336 317,512,336	8,381,606 8,356,943 8,358,741 8,358,711 8,358,711 8,355,470 8,355,470 8,356,346	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557 34,700,565 35,184,820 38,945,705 39,417,609	178,685,539 176,296,656 176,296,656 174,138,554 174,138,554 168,462,457 168,462,457 164,165,674	2,436,719 4,203,493 4,203,493 4,283,105 4,283,105 4,271,090 4,271,090 4,270,952 4,270,952	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381 17,802,091 17,802,091 20,086,787 20,066,787
28 20 20 20 20 20 20 20 20 20 20 20 20 20		W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.6	2008 2009 2009 2010 2010 2010 2011 2011 2011	16 441 748 257 840,264 267 840,264 268 673,484 368 673,484 355 885,266 355,885,266 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,072,992 347,073,992 347,073,992 347,073,992	90 119 6.135.009 6.135.009 7.742.954 8.777.921 8.777.921 8.805,472 8.805,472 8.809,699 8.809,699 8.809,699 8.809,699 8.809,699 8.808,249 8.808,249 8.808,249	920 Mar 41,920,935 41,920,935 47,195,658 50,370,637 50,370,637 48,529,997 48,529,997 48,529,997 48,773,815 41,512,081 34,749,401 38,878,401 38,878,401	23,486,022 274,113,325 274,113,325 433,597,024 433,597,024 615,905,487 615,905,487 602,065,287 587,254,037 587,254,037 572,230,628 572,230,628 572,230,638	88.847 2 90 827 2 382.827 7.852.875 7.852.875 12.804.341 12.804.341 14.885.514 14.885.514 14.887.282 14.887.282 14.884.041 14.884.041	598.801 14.708.794 14.884.013 46.296.391 48.859,053 73.330,415 74.239,657 82.406,233 83.447,128 73.134,812 73.990,538 61.151,642 62.002,045 66.583,626	352,027,464 342,609,998 342,609,998 334,327,320 334,327,320 325,832,479 325,832,479 317,512,336	8,381,606 8,356,943 8,356,943 8,358,711 8,358,711 8,355,470 8,355,470 8,356,346	49,268,709 46,780,141 47,372,470 41,519,387 42,006,557 34,700,595 35,184,820 38,945,705	178,685,539 176,296,656 176,296,656 174,138,554 174,138,554 168,462,457 168,462,457	2,436,719 4,203,493 4,203,493 4,283,105 4,283,105 4,271,090 4,271,090 4,270,952	14,148,115 23,733,009 23,733,009 21,470,381 21,470,381 17,892,091 17,892,091 20,086,787

1	New Plant Carrying Charge				Page 9 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC				
		Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation	9.81%	
4	8	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5	c		Line Bless Line A	0.61%	
4	FCR If a CIAC				
7	D	153	Net Plant Carrying Change without Depreciation, Return, nor Income Taxes	1.26%	
			The FCR resulting from Formula in a given year is used for that year only.  Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
			Per FERC Order dated December 38, 2011 in Docket No. ER13-296, the RDE for the Northeast Grid Reliab		
			which includes a 25 basis-point transmission RDE adder as authorized by FERC to become effective Janu	ary 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Project		
			13 month warrans halance from Attach Eq. and I ins 13 will be number of months to be amortised in year of	dos ema	

_															
					on - Bayonne "L" 1			in - Bayonne "C" 1			ew Bayway - Bayo			w North Ave - Bays	
10		Details		345 kV and any	associated substat (B2436.21)	ion upgrades	345 kV and any a	(B2435.22)	on upgrades	circuit and any	essociated substati (B2436.33)	ion upgrades	circuit and any	essociated substati (B2436.34)	on upgrades
	"Yes" if a project under PJM														
11	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		- 42			42			42			42		
1	"Yes" if the customer has paid a														
1	lumpaum payment in the amount of the investment on														
13	line 29 Otherwise "Nn"	CMC	(Yes or No)	No.			No.			No.			No		
14	Input the allowed increase in	Increased ROE (Basis Points)													
	From line 3 above if "No" on line														
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.81%			9.81%			881%			9.07%		
15	Line 14 plus (line 5 times line	11.00% RUE		1115			9.87%			1015			9.87%		
16	15)/100	FCR for This Project		9.81%			9.01%			991%			9.01%		
	Service Account 101 or 105 if not yet classified - End of year			I											
17	balance	Investment		66,220,634			49,982,238			158,366,737			126,295,227		
1															
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		1,576,682			1.163,863			2,770,627			3.007.029		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWP)			2016			2019			2015			2018		
1					Depreciation or			Depreciation or			Degreciation or			Degreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % RDE	2006												
23		W Increased ROE W 11.68 % ROE	2006 2007												
25		W Increased ROE	2007												
26		W 11.68 % RDE	2008												
27		W Increased ROE W 1168 % ROE	2008												
28		W 11.68 % NUE W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11 68 % ROF W Increased ROE	2011												
36		W 11.68 % ROE	2012												
39		W Invessed ROF	2012												
38		W 11.68 % ROE	2013 2013												
37		W Increased ROE W 1168 % ROE	2013	I											
33		W Increased ROE	2014	I											
40		W 11.68 % ROE	2015	I						225.037	412	2.441			
41		W Increased ROE W 11.68 % ROE	2015 2016	23.849.835	322,903	1.874.846	23.849.835	222.002	4 074 040	225,037 349,923	412 8.202	2,441 47,577			
42		W 11.68 % NUE W Invessed ROF	2016	23,849,835	322,903	1,874,846	23,849,835	322,903 322,903	1,874,846	349,923 349,923	8,202	47,577			
44		W 11.68 % ROE	2017	42,938,400	916,068	5,198,758	24,558,823	583,272	3,294,965	14,747,154	214,966	1,226,916			
40		W Increased ROE	2017	42,938,400	916,068	5,198,758	24,558,823	583,272	3,294,965	14,747,154	214,966	1,226,916			
44		W 11.68 % ROE	2018	63,528,886	1,341,837	6,824,760	47,639,887	913,654	4,648,728	164,431,353	3,052,775	PRAVAVAVA	125,948,110	2,038,280	10,529,391
47		W Increased ROE W 11.68 % ROE	2018 2019	63,528,886 63,619,714	1,341,837	6,824,760 6,720,163	47,639,887 47.047,242	913,654 1.163.502	4,648,728	164,431,353 155,088,856	3,052,775 3,770,600	SPAYAYAYA SPAYAYAYA	125,948,110	2,038,280 3.008,326	10,529,391
- 44		W 11.68 % NDE W Increased ROE	2019	63,619,714	1,576,203	6,720,163	47,047,242	1,163,502	4,967,498	155,088,856	3,770,600	PRAVAVAVA	124,311,424	3,008,326	13,059,503
90		W 11.68 % ROE	2020	62.122.188	1,576,203	7.561.879	45,900,054	1,163,502	5,585,111	151,128,277	3,769,598	PRAVAVAVA	121.342.718	3,008,244	14.698.486
80		W Increased ROE	2020	62,122,188	1,576,985	7,561,879	45,900,054	1,163,068	5,585,111	151,128,277	3,769,598	PRAVAVAVA	121,342,718	3,008,244	14,698,486
82		W 11.68 % ROE	2021	60.486.638 60.486.638	1.576.682	7.511.002 7.511.002	44.735.840 44.735.840	1.163.863	5.552.878 5.552.878	147.550.184 147.550.184	3.770.637 3.770.637	AVAVAVAVA	118.240.376 118.240.376		14.607.545
		W Increased ROE													

1	New Plant Carryl	ng Charge				Page 10 of 21
2	Fixed Charge R if not a CIAC	ate (FCR) if				
		A	Formula Line 152	Net Plant Carrying Change without Depreciation	9.81%	
		Ř.		Net Plant Carrying Change per 100 Basis Point in ROE without Depreciation	10.42%	
:			120	Line Riess Line A	0.61%	
		C .		Line B less Line A	0.51%	
4	FCR If a CIAC					
7		D	153	Net Plant Carrying Change without Depreciation, Return, nor Income Taxes	1.26%	
				The FCR resulting from Formula in a given year is used for that year only.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
a .				Per FERC Order dated December 38, 2011 in Docket No. ER13-295, the ROE for the Northeast Grid Reliability Project is 11.	57K,	
				which includes a 25 basis-point transmission RDE adder as authorized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the		
				13 month average balance from Attach Sa, and Line 13 will be number of months to be amortized in year plus one.		

_															
10	"Yes" if a project under PJM	Details			v North Ave - Airport : ad aubstation upgrad		Linden "T" 138	nderground portion of KV circuit to Bayway y associated substat (82436.60)	, convert it to		w Airport - Bayway sociated substation (B2435.70)		"T" 138 kV circ	overhead portion of Lin cuit to Bayway, convert sted substation upgrade	it to 345 kV, and
	CATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	764			Yes			Yes			Yes		
12	Useful life of the project	Life		- 42			42			42			42		
	"Yes" if the customer has paid a lampaum payment in the amount of the investment on														
13	line 20 Otherwise "No"	CIAC	(Yes or No)	No.			No.			No			No		
14	Input the allowed increase in	Increased ROE (Basis Points)													
	From line 3 above if "No" on line									_					
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.81%			9.81%			9.81%			9.81%		
16	Line 14 plus (line 5 times line 15V100	FCR for This Project		0.01%			0.01%			9.01%			0.01%		
"	Service Account 101 or 105 if not yet classified - End of year	,													
17	balance	Investment		65,231,920			43,200,622			81,612,264			54,736,672		
	Line 17 divided by line 12	Annual Depreciation or Amort Exp		l											
18	Months in service for			1,550,141			1,029,586			1,940,149			1,303,254		
19	depreciation expense from			19.00			13.00			13.00			13.00		
	Year placed in Service (0 if CWIP)														
-20	CMP1			2018			200			2013			200		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006	l											
23		W Increased ROE W 11 68 % ROF	2006 2007	l											
25		W Increased ROE	2007	l											
29		W 11.68 % ROE	2008	l											
27		W Increased ROE	2008												
21		W 11.68 % RDE	2009	l											
29		W Increased ROE	2009	l											
30		W 11.68 % ROE	2010	l											
31		W Increased ROE W 11 68 % ROF	2010												
33		W Increased ROE	2011												
36		W 11 68 % BOE	2012	l											
30		W Increased BOE	2012												
36		W 11.68 % RDE	2013	I						1			1		
37		W Increased ROE	2013	I						[			[		
38		W 11 68 % BOF	2014	I						[			[		
39		W Increased ROE	2014	I			225 037								
40		W 11.68 % ROE W Increased ROF	2015 2015	I			225.037 225.037	412 412	2.441	225.037 225.037	412 412	2.441	225.037 225.037	412 412	2.441
41		W Increased NOE W 11.68 % RDE	2016	I			225,037 349,923	8.202	47,577	225,037 349,923	8.202	47.577	723,468	12.273	71,227
42		W 11.68 % NUE W Invressed ROF	2016	I			349,923	8,202 8,202	47,577	349,923	8,202 8,202	47,577	723,468	12,273	71,227
45		W 11 68 % BOF	2016	I			14.747.154	214.966	1.226.916	14.747.154	214,966	1.226.916	31,239,305	465.743	2.658.611
40		W Invessed ROF	2017	I			14,747,154	214,966	1,226,916	14,747,154	214,966	1,226,916	31,239,305	465,743	2,658,611
45		W 11 68 % ROF	2017	65 344 588	975.261	5.038.025	48.375.637	892.291	4.592.318	87.724.589	1.428.689	7.365.226	48.346.394	1.116.292	5.721.000
		W Increased ROE	2018	65.344.588	975,261	5.038.025	48.375.637	892.291	4.592.318	87.724,589	1,428,689	7.365.226	48.346.394	1.116.292	5.721.000
- 68		W 11.68 % ROE	2019	64,723,840	1.584.264	6.797.498	41,230,429	1.008.245	4.341.924	79.917.459	1,942,136	8.403.848	53.142.652	1.303.271	5,600,110
		W Increased ROE	2019	64,723,840	1.584.284	6.797.498	41,230,429	1.008.245	4.341.924	79.917.459	1,942,136	8.403.848	53.142.652	1,303,271	5,600,110
90		W 11.68 % ROE	2020	63,125,038	1.563.429	7.644.939	40.201.498	1.011.225	4.884.265	77,772,319	1,941,324	9.433.963	52.054.741	1,305,209	6.320.199
80		W Increased ROE	2020	63,125,038	1,563,429	7,644,939	40,201,498	1,011,225	4,884,265	77,772,319	1,941,324	9,433,963	52,054,741	1,305,209	6,320,199
		W Increased ROE W 11.68 % ROE W Increased ROE	2020 2021 2021	63,125,038 61.128.965 61.128.965	1,563,429 1.553.141 1.553.141	7,644,939 7.550.479 7.550.479	40,201,498 40,065,281 40,065,281	1,011,225 1.028.586 1.028.586	4,884,265 4.959.375 4.959.375	77,772,319 76.076.534 76.076.534	1,941,324 1,943,149 1,943,149	9,433,963 9,406,987 9,406,987	52,054,741 50,533,472 50,533,472	1,305,209 1,303,254 1,303,254	6,320,199 6.261.073 6.261.073

1	New Plant Carryl	ng Charge				Page 11 of 21
2	Fixed Charge R if not a CIAC					
			Formula Line			
3		A		Net Plant Carrying Charge without Depreciation	9.81%	
4		В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5		C		Line B less Line A	0.61%	
6	FCR If a CIAC					
7		D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.28%	
				The FCR resulting from Formula in a given year is used for that year only.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
i .				Per FERC Order dated December 30, 2011 in Docket No. ER13-296, the RDE for the Northeast Grid Reliability Project is	1133%,	
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is th		

					yway - Linden "Z" 13 y associated substat			yway - Linden "W" 1 y associated substat		to 345 kV s	ayway - Linden "M" and any associated a	ubstation	circuits to N	ragut - Hudson "B" a farion 345 kV and an	y associated
10		Details			(B2436.83)			(B2436.84)			pgrades (82436.85)		subst	tation upprades (824	36.90)
	"Yes" if a project under PJM														
	OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a														
	tumpoum payment in the amount of the investment on														
13	line 20. Otherwise "No"	CIAC	(Yes or No)	No			No.			No.			100		
13	hout the allowed increase in	CIAC	(Tex or reo)	No			No.			No.			No.		
56	BOF	Increased ROE (Basis Points)													
	From line 3 above if "No" on line			-											
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.81%			9.81%			991%			981%		
	Line 14 plus (line 5 times line														
19	15)/100	FCR for This Project		9.81%			9.81%			991%			981%		
	Service Account 101 or 106 if not yet classified - End of year												1		
17	not yet classified - End of year balance	Investment								53 301 400					
17	Lamenta .	INVESTMENT		54,736,672			53,301,490			531,301,489			21,273,305		
		Annual Depreciation or Amort Exp											1		
19	Line 17 divided by line 12			1,303,254			1,269,060			1,269,083			744.602		
-	Months in service for														
19	decreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if														
20	CWP			2015			2015			2015			2016		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
				Ending	Amortization										
21		W 11 00 % DOE	Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE W 11.68 % ROF	2006 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24		W Increased ROE W 11.68 % ROE	2006 2006 2007	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2006 2007 2007	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amertization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2006 2007 2007	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2006 2007 2007 2008 2008	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008 2008 2008	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 26 25 26 27 28 29		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2008 2008 2007 2007 2008 2008 2008 2009 2009	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amerization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28 29 20		W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.88 % ROE	2008 2008 2007 2007 2008 2008 2009 2009 2010 2010 2011	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Ameritation	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28 29 30		W Increased ROE W 11.68 % ROE ROE	2008 2008 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amerization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28 29 30 31		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2012	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amerization	Revenue	Ending	Amortization	Revenue
22 23 26 25 26 27 28 29 30 31 32 33		W Increased ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2006 2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2011 2012 2012	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amerization	Revenue	Ending	Amortization	Revenue
22 23 26 25 26 27 28 29 30 31 32 33		W Increased RDE W 11.68 % ROE W 11.68 % ROE W Increased RDE W 11.68 % ROE W	2006 2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2012	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revense
22 23 26 25 26 27 28 29 30 31 32 33 36		W Increased RDE W 11.88 % ROE W Increased RDE W	2006 2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2012 2012	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 26 25 26 27 28 20 30 31 32 33 36 38 38		W Increased RDE W 11.88 % ROE W Increased RDE W 11.88 % ROE W Increased RDE W Increased RDE W 11.88 % ROE W Increased RDE W Increased	2006 2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amerization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28 20 21 23 33 34 38 38 38 38 38 38 38 38		W Increased RDE W 11.88 % ROE W Increased RDE W Increased RDE W Increased RDE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased RDE W Increased RDE W Increased RDE W Increased RDE W 11.88 % ROE W Increased RDE	2006 2006 2007 2007 2007 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013										Ending	Amortization	Revenue
22 23 26 25 26 27 28 20 30 31 32 33 36 38 38		W Increased RDE W 11.88 % ROE W Increased RDE W 11.88 % ROE W Increased RDE W 11.88 % ROE W Increased RDE W 11.88 % RDE W 11.88	2006 2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2012	225.037	412	2.441	225.037	412	2.441	225.037	412	2.441	Ending	Amortization	Revenue
22 23 24 25 26 27 28 20 21 23 33 34 38 38 38 38 38 38 38 38		W Increased ROE W 11889 % ROE W Increased ROE W 11889 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11889 % ROE W Increased ROE W Increased ROE W Increased ROE	2006 2006 2007 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037	412 412	2.441 2.441	225.037 225,037	412 412	2.441 2.441	225.037 225.037	412 412	2.441 2.441			
22 23 24 25 26 27 28 20 21 23 23 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 1889 8 ROE W Increased ROE W Increased ROE W 11889 8 ROE W Increased ROE W 11889 8 ROE W 11889 8 ROE	2006 2006 2007 2007 2008 2008 2009 2010 2011 2011 2011 2011 2011 2013 2013	225.037 225.037 773,488	412 412 12.2273	2.441 2.441 71,227	225.037 225.037 723.488	412 412 12 22 23	2.441 2.441 71,227	225.037 225.037 723.468	412 412 12,273	2.441 2.441 71,227	28,441,881	387,893	2,252,185
22 23 24 25 26 27 28 30 31 33 38 38 39 40 41		W Increased ROE W 1188 % ROE W	2008 2008 2007 2007 2008 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037 723.488 723.488	412 412 12,273 12,273	2.441 2.441 71,227 71,227	225.037 225.037 723.468 723.468	412 412 12,273 12,273	2.441 2.441 71,227 71,227	225.037 225.037 723.488 723.488	412 412 12,273 12,273	2.441 2.441 71,227 71,227	28,441,881 28,441,881	387,893 387,893	2,252,168 2,252,165
22 23 24 25 26 27 28 29 20 21 23 23 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 1889 8 ROE W Increased ROE W Increased ROE W 11889 8 ROE W Increased ROE W 11889 8 ROE W 11889 8 ROE	2006 2006 2007 2007 2008 2008 2009 2010 2011 2011 2011 2011 2011 2013 2013	225.037 225.037 773,488	412 412 12.2273	2.441 2.441 71,227	225.037 225.037 723.488	412 412 12 22 23	2.441 2.441 71,227	225.037 225.037 723.468	412 412 12,273	2.441 2.441 71,227	28,441,881	387,893	2,252,168 2,252,165
22 23 26 26 27 28 29 20 21 23 23 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 1188 % ROE W 1188 % ROE W 1188 % ROE W 1188 % ROE W Increased ROE W Increased ROE W Increased ROE W 1188 % ROE W 1188 % ROE W 1188 % ROE W 1188 % ROE W Increased ROE W 1188 % ROE W Increased ROE W 1188 % ROE	2008 2008 2007 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037 723.488 723.488 31.239.305	412 412 12.273 12.273 465,748	2.441 2.441 71,227 71,227 2,658,611	225,037 225,037 723,468 723,468 43,917,206	412 412 12273 12273 652295	2.441 2.441 71,227 71,227 3,723,870	225.037 225.037 723.488 723.488 43.917.206	412 412 12,273 12,273 652,285	2441 2,441 71,227 71,227 3,723,870	23,441,881 23,441,881 30,818,452	387,893 387,893 607,633	2,252,188 2,252,188 3,942,801
22 23 26 26 27 30 30 31 33 33 33 33 34 35 36 37 38 41 42 41 41 41 41		W Increased ROE W 1188 % ROE W	2008 2008 2007 2007 2008 2008 2008 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037 723.488 31.239.305 31.239.305	412 412 12,273 12,273 465,743 465,743	2.441 2.441 71,227 71,227 2,658,611 2,658,611	225.037 225,037 723,488 723,488 43,917,208	412 412 12,273 652,295 652,295	2.441 2.441 71,227 71,227 3,723,870 3,723,870	225.037 225.037 723.488 723.488 43.917.206	412 412 12,273 12,273 652,295 652,295	2.441 2.441 71,227 71,227 3,723,870 3,723,870	28,441,881 28,441,881 50,818,452 30,818,452	387,893 387,893 697,633 697,633	2,252,186 2,252,186 3,942,907 3,942,907
22 23 26 25 27 27 28 29 20 21 33 34 35 36 41 42 42 43 44 44 46 46 46 46 46 46 46 46 46 46 46		W Increased ROE W 11.88 % ROE	2008 2007 2007 2007 2008 2008 2009 2010 2011 2011 2011 2011 2011 2011	225.037 723.488 31.290.305 31.293.305 48,346.344	412 412 12.273 12.273 465,743 465,743	2.441 2.441 71,227 71,227 2,668,611 2,658,611 5,721,000	225.037 225.037 723.488 723.488 43.917.208 43.917.208	412 412 12.273 12.273 652.295 652.295 1,002.190	2.441 2.441 71,227 71,227 3,723,870 5,578,331	225.037 723.468 733.468 43.917.206 43.917.206 48.812.613	412 412 12,273 12,273 652,295 652,295 1,002,190	2.441 2.441 71,227 71,227 3,723,870 5,578,331	28,441,881 28,441,851 30,818,452 30,173,844	387,893 387,893 697,633 697,633 743,679	2,252,188 2,252,188 3,942,90 3,942,90
22 23 26 25 26 27 27 28 20 21 20 21 21 22 23 24 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W INCREASE ROE W INCRE	2008 2007 2007 2007 2008 2009 2009 2009 2010 2010 2011 2011 2011	225.037 225.037 723.468 31.29.305 31.29.305 45.346.304	412 412 12,273 12,273 465,743 465,743 1,116,202 1,116,202	2.441 2.441 71,227 71,227 2.658,611 5,721,000 5,721,000	225.037 225.037 723.468 723.468 43.917.208 46,812.614 46,812.614	412 412 12,273 12,273 652,295 652,295 1,002,190	2.441 2.441 71.227 71.227 3,723,870 5,578,331 5,578,331	225.037 225.037 723.488 723.488 43.917.206 46,812.613 46,812.613	412 412 12,273 652,295 5,002,190 1,002,190	2.441 2.441 71,227 71,227 3,723,870 5,578,331 5,578,331	28,441,881 28,441,881 30,818,452 30,173,844 30,173,844	387,893 387,893 697,633 643,679 743,679	2,252,188 2,252,188 3,942,800 3,734,138 3,734,138
22 24 25 26 27 27 28 20 27 23 28 28 28 29 40 41 41 42 42 43 44 44 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46		W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2008 2007 2007 2007 2008 2009 2010 2010 2011 2011 2011 2011 2011	225.037 225.037 723.468 31.239.305 31.239.305 48.346.384 48.346.384	412 412 12.223 12.223 465,743 465,743 1,116,292 1,130,392	2.441 71,227 71,227 2.658,611 2.558,615 5,721,000 5,721,000	225.007 225.097 723.468 43.917.208 43.917.208 46.812.514 46.812.514 51.558.311	412 412 12.273 12.273 65.295 65.295 1,002.190 1,002.190	2.441 71,227 71,237 3,723,870 5,723,871 5,578,331 5,578,331	225.037 225.037 723.468 43.917.206 43.917.206 46.812.613 51.558.310	412 412 12.273 12.273 652.205 652.205 1,002.190 1,260,416	2.441 71,227 71,23,870 3,723,870 5,578,331 5,578,331	28,441,881 28,441,881 30,818,452 30,173,844 30,173,844 20,437,438	387,893 387,893 607,633 607,633 743,679 744,679 744,445	2,252,188 2,252,189 3,942,907 3,734,131 3,734,131
22 23 24 25 26 27 28 20 21 23 23 23 23 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		W Increased ROE W 11.68 % ROE	2008 2007 2007 2007 2008 2009 2019 2010 2011 2011 2011 2011 2011	225.037 225.037 723.488 31.239.305 31.239.305 48.346.394 48.346.394 55.142.652 55.142.652	412 412 12.273 12.273 465,743 466,743 1,166,262 1,303,271 1,303,271	2.441 2.441 71,227 71,227 2,658,611 5,721,000 5,721,000 5,600,110 5,600,110	225.037 225.037 723.468 723.468 43.917.208 46,812.614 46,812.614 51.558.311 51.558.311	412 412 12.273 652.295 652.295 11.289,418 1.289,418	2.441 2.441 71,227 71,227 3,723,870 5,578,331 5,578,331 5,578,315 4,581,54	225.037 225.037 723.488 723.488 43.917.206 46,812.613 46,812.613 51.558.310 51.558.310	41:2 41:2 12:273 65:20:5 1.002:100 1.200.416 1.200.416	2.441 2.441 71,227 71,227 3,723,870 3,723,870 5,578,331 5,438,154 5,438,154	28,441,881 28,441,881 30,818,452 30,173,844 20,437,483 22,437,483	387,893 387,893 807,633 807,633 77,43,670 744,445 744,445	2,252,188 2,252,188 3,942,807 3,734,135 3,124,607 3,124,607
22 23 24 25 27 28 29 20 21 20 21 22 23 24 24 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46		W Increased ROE W 1168 18 NOT SENSON INCREASE INCREASE W 1168 18 ROE W 1168 18 ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE W Increased ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE	2008 2007 2007 2007 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037 723.468 723.468 73.249.305 73.299.305 74.265 75.142.652 75.142.652 75.142.652	412 412 12,273 12,273 465,743 1,116,202 1,116,202 1,116,202 1,103,271 1,203,271	2.441 1.4241 71.227 71.227 71.227 5.721,000 5.721,000 5.700,110 5.600,110 6.300,190	225.007 225.097 723.468 43.917.208 43.917.208 48.812.614 51.558.311 51.558.311 51.558.311	412 412 12,273 60,265 60,265 1,002,190 1,002,190 1,200,190 1,200,416 1,200,416	2.441 2.441 71.227 71.23.870 3.723.870 5.578.331 5.578.331 5.578.345 4.5438.154 6.42,767	225.037 225.037 725.048 43.917.206 43.917.206 48.812.613 51.558.310 51.558.310 51.558.310	412 412 12.273 65.203 6	2441 71,227 71,23,670 3,723,670 5,578,331 5,578,331 5,543,154 5,438,154	28,441,881 28,441,881 30,818,452 30,818,452 30,173,844 30,173,844 20,437,483 22,437,483	367,893 367,893 697,893 594,693 744,679 744,445 744,445	2,252,185 2,252,185 3,942,900 3,942,900 3,743,135 3,734,135 3,124,900 3,124,900 3,124,900
22 23 24 25 26 27 28 29 30 31 33 33 40 41 41 41 41 41 41 41 41 41 41 41 41 41		W Increased ROIS W 11.55 % ROIS W 11	2008 2007 2007 2007 2008 2009 2009 2010 2011 2011 2011 2011 2011	225.037 225.037 723.488 31.239.305 31.239.305 48.346.394 48.346.394 53.142.652 52.054.741 52.054.741	412 412 12,273 165,743 116,292 1,16,292 1,16,292 1,293,293 1,293,293 1,393,293 1,393,293 1,393,293 1,393,293 1,393,293	2.441 2.441 71,227 71,227 72,658,611 5,721,000 5,600,110 6,300,199 6,300,199	225.037 225.037 723.468 43.917.206 448.812.814 45.812.814 51.558.311 50.557.738 50.557.738	412 412 12,273 12,273 65,266 65,266 13,00,100 1,00,100 1,272,000	2.441 2.441 71,227 71,227 3,723,870 5,578,331 5,438,154 6,142,767 6,142,767	225.037 225.037 723.488 43.917.206 46,812.613 51.558.310 51.558.310 51.558.310 50.557.737 50.557.737	412 412 12,273 12,273 682,295 1,002,190 1,002,	2441 2,441 71,227 71,227 3,723,870 3,723,870 5,578,331 5,438,154 5,438,154 6,142,767 6,142,767	28,441,881 28,441,881 30,818,452 30,173,844 29,437,483 28,670,547 28,670,547	367,893 387,893 607,833 607,833 744,679 744,438 744,438 744,438	2,252,188 2,252,188 3,942,807 3,734,135 3,124,607 3,507,445
22 23 24 25 27 28 29 20 21 20 21 22 23 24 24 44 45 46 46 46 46 46 46 46 46 46 46 46 46 46		W Increased ROE W 1168 18 NOT SENSON INCREASE INCREASE W 1168 18 ROE W 1168 18 ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE W Increased ROE W Increased ROE W 1168 18 ROE W Increased ROE W 1168 18 ROE W Increased ROE	2008 2007 2007 2007 2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013	225.037 225.037 723.468 723.468 73.249.305 73.293.305 74.265 75.142.652 75.142.652 75.142.652	412 412 12,273 12,273 465,743 1,116,202 1,116,202 1,116,202 1,103,271 1,203,271	2.441 1.4241 71.227 71.227 71.227 5.721,000 5.721,000 5.700,110 5.600,110 6.300,190	225.007 225.097 723.468 43.917.208 43.917.208 48.812.614 51.558.311 51.558.311 51.558.311	412 412 12,273 60,265 60,265 1,002,190 1,002,190 1,200,190 1,200,416 1,200,416	2.441 2.441 71.227 71.23.870 3.723.870 5.578.331 5.578.331 5.578.345 4.5438.154 6.42,767	225.037 225.037 725.048 43.917.206 43.917.206 48.812.613 51.558.310 51.558.310 51.558.310	412 412 12.273 65.203 6	2441 71,227 71,23,670 3,723,670 5,578,331 5,578,331 5,543,154 5,438,154	28,441,881 28,441,881 30,818,452 30,818,452 30,173,844 30,173,844 20,437,483 22,437,483	367,893 367,893 697,893 594,693 744,679 744,445 744,445	2,252,188 2,252,188 3,642,800 3,942,800 3,173,132 3,173,

1	New Plant Carrylr	ng Charge				Page 12 of 21
2	Fixed Charge Ra if not a CIAC	ste (FCR) if				
			Formula Line			
3		A	152	Net Plant Carrying Charge without Depreciation	9.81%	
4		В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5		c		Line B less Line A	0.61%	
6	FCR If a CIAC					
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.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
i .				Per FERC Order dated December 30, 2011 in Docket No. ER12-295, the ROE for the Northeast Grid Reliability Project	in 11.00%,	
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is	the control of the co	

Department   Dep	OATT Schedule 12, otherwise No? Useful life of the project "Yea" if the customer has poid lumpour payment in the amount of the investment on line 29. Otherwise 7447	edule 12, otherwise of the project customer has paid a				fudson 2 generation										
Control of Control o	OATT Schedule 12, otherwise No? Useful life of the project "Yea" if the customer has poid lumpour payment in the amount of the investment on line 29. Otherwise 7447	edule 12, otherwise of the project customer has paid a					ssociated									
10 Today Control Assemble 1	"No" Useful life of the project "Yes" if the customer has paid lumpourn payment in the amount of the investment on line 29 Otherwise "No"	of the project customer has paid a														
The continue that part   Con	"Yes" if the customer has paid tumpsum payment in the amount of the investment on line 20 Otherwise "No"	customer has paid a		(Yex or No)	Yes			Yes			Yes			Yes		
Variable	lumpaum payment in the amount of the investment on line 20. Otherwise "No"	customer has paid a	Life		42			42			42			42		
Part																
14 Minute of the Control of the Cont			CIAC	(Yex or No)	No.			No			No			No		
Standard S		lowed increase in	Increased ROE (Basis Points)													
Unit   1 m	13 and From line 7 above if	m line 7 above if			9.01%			98%			0.07%			98%		
Service August 10 of 1	Line 14 plus (line 5 times line															
10 baller	Service Account 101 or 106 ff	count 101 or 106 if	FCR for This Project		9.01%			9.0%			9.8%			9.81%		
1.00   1.00		and Lize or year	Investment		24,999,416			27,869,743			27,969,743			9,121,932		
Mark to review for   158			Annual Depreciation or Amort Exp													
0					595,224			663,565			663,565			217,189		
10. CHO   200	depreciation expense from	n expense from			13.00			13.00			13.00			13.00		
22		d in Service (0 if														
W 118.9 NGC 2002 W Weekend RCC 2002 W Weekend RCC 2002 W W Weekend RCC 2002 W W Weekend RCC 2002 W W W W RCC 2002 W W	CMPI			T	209			2029			20%			205	Depreciation	
22 W 1581% NOC 2008 W Westernach ECC 2008 W Wysermach ECC 2008 W Wysermach ECC 2007 W W Wysermach ECC 2007 W W Wysermach ECC 2007																
23 W Increased RGE 2006 34 W 1518 P RGE 2007 3 W Necessaria RGE 2008			W 44 00 N DOC		Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
94 W 11.68 N ROE 2007 25 W Intersact ROE 2007 36 W 11.88 N ROE 2008 27 W Intersact ROE 2008																
25 W Increased ROE 2007 26 W 11.86 N ROE 2008 27 W Increased ROE 2008			W 11.68 % ROF	2007												
27 W Increased ROE 2008																
			W 11.68 % ROE													
			W Increased ROE	2008												
			W 11.68 % ROE	2009												
W Increased ROE 2009																
30 W 11.88 % ROE 2010			W 11.68 % ROE													
21 W Increased ROE 2010			W Increased ROE	2010												
33 W 11 68 % ROF 2011																
33 W Increased ROE 2011			W Increased ROE													
36 W 11.88 % ROE 2012																
35 W Invessed ROF 2012					1											
ss W 11.68 % ROE 2013					1											
37 W Increased ROE 2013					1											
38 W 11 RR % ROF 2014					1											
39 W Increased ROE 2014					1											
					1										412	2.
e) Wincreased ROE 2015 225,097 4					1										412	2,
															4,465	25,
us W 11.68 % ROE 2016 23,849,835 322,903 1,874,846 27,523,727 407,034 2,383,328 27,523,727 407,034 2,383,328 349,523 44															4,465	25,
g W 1188 % ROE 2016 22,848.815 322,903 1,878.846 27,523,727 407,004 2,983.328 27,523,727 407,004 2,983.328 27,523,727 407,004 2,983.328 32,523,727 407,004 2,983.328 304,923 44			W Increased ROE				3,294,965	27,091,682	653,428	3,685,670	27,091,682	653,428	3,685,670	14.750.891	214.966	1.227.
a W 1188 % ROE 2016 23.849.85 22.900 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 340,523 4.4 W Increased ROE 2016 23.849.855 22.200 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.849.855 22.200 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.849.855 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.328 27.523,727 407.034 2.383.28 28.04,523 4.4 W 1188 % ROE 2016 23.848.85 22.000 1.874.846 27.523,727 407.034 2.383.32 27.523,727 407.034 2.383.28 27.523,727 407.			W Increased ROE W 11.68 % ROE	2017												
a W 1168* ROE 2016 2389.855 32.200 17.846 25.23.272 407.04 238.326 25.2727 407.04 238.326 34.23 4.4 W 10vassaeROE 2016 2389.855 32.200 17.846 25.23.272 407.04 238.326 25.23.272 407.04 238.326 25.23.23 407.04 238.326 25.23.23 407.04 238.326 25.23.23 407.04 238.326 25.23.23 407.04 238.326 25.23 407.04 23			W Increased ROE W 11.68 % ROE W Increased ROE	2017 2017		583,272	3,294,965	27,091,682			27,091,682	653,428	3,685,670	14,750,891	214,966	1,227,
a W 1188 ROE 2018 2388855 22,200 1184.84 252.5272 447,504 238.528 25.25727 47,704 238.528 348,23 44,64 24,64			W Increased ROE W 11.68 % ROE W Increased ROE	2017 2017	24,558,823	583,272										1,227,
a W 11619 ROE 206 22494255 20260 1174.84 0753.727 407.04 2263.03 275.277 407.04 233.33 275.277 407.04 233.33 265.277 407.04 233.20 265.277 407.04 233.20 265.277 407.04 233.20 265.20 265.20 265.20 265.20 265.20 265.20 265			W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2017 2017 2018	24,558,823 24,088,516	583,272 593,745	2,977,510	27,083,985	659,568	3,303,681	27,083,985	659,568	3,303,681	15,430,944	214,966	1,227,
## W 1189 NDC 2908 23464055 32260 1174.64 7523.77 40704 2363.30 77262.77 40704 2363.30 7526.27 40704 2363.30 7			W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2017 2017 2018 2018	24,558,823 24,088,516 24,088,516	583,272 593,745 593,745	2,977,510 2,977,510	27,083,985 27,083,985	659,568 659,568	3,303,681	27,083,985 27,083,985	659,568 659,568	3,303,681 3,303,681	15,430,944 15,430,944	214,966 370,082 370,082	1,227, 1,890, 1,890,
a W 1169 N DCE 2056 2349455 22400 1874-84 7253.727 407.04 2813.30 725.727 407.04 233.30 30.023 4.4 10.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.			W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2017 2017 2018 2018 2019	24,558,823 24,088,516 24,088,516 23,492,880	583,272 593,745 593,745 595,067	2,977,510 2,977,510 2,494,579	27,083,985 27,083,985 26,176,377	659,568 659,568 664,200	3,303,681 3,303,681 2,780,686	27,083,985 27,083,985 26,176,377	659,568 659,568 664,200	3,303,681 3,303,681 2,780,686	15,430,944 15,430,944 8,493,462	214,966 370,082 370,082 216,271	1,227 1,890 1,890 903
## W 11619 NOCE 2016 2,2494355 20200 1174.84 0753.772 407.04 2,363,302 732.772 407.04 2,333,302 30.000 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE	2017 2017 2018 2018 2019 2019	24,558,823 24,088,516 24,088,516 23,492,880 23,492,880	583,272 593,745 593,745 595,067 595,067	2,977,510 2,977,510 2,494,579 2,494,579	27,083,985 27,083,985 26,176,377 26,176,377	659,568 659,568 664,200 664,200	3,303,681 3,303,681 2,780,686 2,780,686	27,083,985 27,083,985 26,176,377 26,176,377	659,568 659,568 664,200 664,200	3,303,681 3,303,681 2,780,686 2,780,686	15,430,944 15,430,944 8,493,462 8,493,462	214,966 370,082 370,082 216,271 216,271	1,227, 1,890, 1,890, 903, 903,
## W 11819 NDC 2908 2.2464.08 52.200 1.174.84 725.2777 407.04 2.263.20 727.227.77 407.04 2.263.20 2.762.20 1.074.84 725.277.70 407.04 2.263.20 727.227.77 407.04 2.263.20 2.762.20 1.074.84 725.277.70 407.04 2.263.20 725.20 727.20 1.074.20			W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2017 2017 2018 2018 2019 2019 2020	24,558,823 24,088,516 24,088,516 23,492,880 23,492,880 22,897,745	583,272 593,745 593,745 595,067 595,067 595,060	2,977,510 2,977,510 2,494,579 2,494,579 2,801,044	27,083,985 27,083,985 26,176,377 26,176,377 25,509,907	659,568 659,568 664,200 664,200 664,108	3,303,681 3,303,681 2,780,686 2,780,686 3,121,750	27,083,985 27,083,985 26,176,377 26,176,377 25,509,907	659,568 659,568 664,200 664,200 664,108	3,303,681 3,303,681 2,780,686 2,780,686 3,121,750	15,430,944 15,430,944 8,493,462 8,493,462 8,082,480	214,966 370,082 370,082 216,271 216,271 215,459	1,227, 1,890, 1,890, 903, 903, 994,
a W 1184 N ROE 2096 2,248405 2020 1174.84 0 25,2772 407,04 2,281,320 272,277 407,04 2,333,32 30,320 40,323 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE W Increased ROE	2017 2017 2018 2018 2019 2019 2020 2020	24,558,823 24,088,516 24,088,516 23,492,880 23,492,880 22,897,745 22,897,745	583,272 593,745 593,745 595,067 595,067 595,060 595,060	2,977,510 2,977,510 2,494,579 2,494,579 2,801,044 2,801,044	27,083,985 27,083,985 26,176,377 26,176,377 25,509,907 25,509,907	659,568 659,568 664,200 664,200 664,108	3,303,681 3,303,681 2,780,686 2,780,686 3,121,750 3,121,750	27,083,985 27,083,985 26,176,377 26,176,377 25,509,907 25,509,907	659,568 659,568 664,200 664,200 664,108 664,108	3,303,681 3,303,681 2,780,686 2,780,686 3,121,750 3,121,750	15,430,944 15,430,944 8,493,462 8,493,462 8,082,480 8,082,480	214,966 370,082 370,082 216,271 216,271	1,227, 1,890, 1,890, 903,0 903,0 994, 994,

1	New Plant Carrying	Charge			Page 13 of 2					
2	Fixed Charge Rate If not a CIAC									
		Formula Lin								
3	A		Net Plant Carrying Charge without Depreciation	9.81%						
4	8	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%						
5	c		Line Bless Line A	0.61%						
6	FCR If a CIAC									
7		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.							
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.								
		Per FERC Order dated December 38, 2011 in Docket No. ER13-295, the ROE for the Northwest Grid Reliability Project is 11.00%,								
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective a	January 1, 2012.						
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Pro	lects. Line 17 is the						
			Climath surrana habans from Attach. Ex. and I ins 15 will be exerber of months to be amortised in us	or oles one						

				New Bayway	345/138 kV transf substation upons	omer #2 and	New Linder	345/230 kV transfo substation upgrade	ormer and any	New Bayonne 2	45/69 kV transfo	rmer and any	Upgrade Eagl	le Point-Gloucester	230kV Circuit
10	"Yes" if a project under PJM	Details		any associated	substation upora	dos (82437.21)	associated	aubstation upgrade	es (B2437.30)	associated sub	atation upgrade	n (B2437.33)		(B1558)	
**	CATT Schedule 12, otherwise	Scharbia 17	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	I die	(Tes or No)	42			42			42			165 42		
-	"Yes" if the customer has paid a	I		_			_			-			_		
	lumpsum payment in the amount of the investment on														
13	line 29 Otherwise "No."	CAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in	Increased ROE (Basis Points)													
	From line 3 above if "No" on line	INCHARGO POL (DANS PORS)													
45	13 and From line 7 above if "Yes" on line 13	11 68% BOF		987%			9.81%			9.81%			9,81%		
15	Line 14 plus (line 5 times line	11.66% RUE		8415			9.87%			931%			9,07%		
16	15)/100	FCR for This Project		9.01%			9.81%			9.81%			9.01%		
	Service Account 101 or 105 if not yet classified - End of year														
17	balance	Investment		9,121,932			23,717,092			14,557,847			12,087,610		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12			217,189			802,788			345,615			267,800		
19	Months in service for depreciation expense from			13.00			13.00			13.00			12.00		
	Year placed in Service (0 if														
- 20	CWPI			2015			2016			2019	Depreciation		2015		
١					Depreciation or			Depreciation or			or			Depreciation or	
21 22		W 11.68 % RDE	2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
23		W Increased ROE	2006												
24 25		W 11.68 % RDE W Increased RDE	2007 2007												
25		W Increased RUE W 11.68 % RDE	2007												
27		W Increased ROE	2008												
21		W 11.68 % RDE W Increased ROE	2009 2009												
29		W 1168 % ROF	2009												
an		W Increased ROE	2010												
30		W 11 68 % ROF W Increased ROE	2011												
33		W 11.68 % ROE	2012												
38		W Invessed ROF	2012												
30		W 11.68 % RDE W Increased RDE	2013	1											
37		W 1168 % BOE	2014	1											
39		W Increased ROE	2014										l		
-		W 11.68 % RDE W Increased RDE	2015	225.037 225.037	412 412	2.441							11.980.348 11.980.348	216.491	1.282.387
		W 11.68 % ROE	2016	349.923	4.743	27.513	2.241.267	24.426	141.823				11.871.005	287,798	1.646.241
		W Increased ROE	2016	349,923	4,743	27,513	2,241,267	24,426	141,823				11,871,005	287,798	1,646,241
-		W 11.68 % ROE	2017	14,750,613	214,966	1,227,153	18,339,519	295,246	1,684,077				11,583,248	287,798	1,586,839
-		W Increased ROE W 11.68 % ROE	2017 2018	14,750,613 15,430,666	214,966 370.082	1,227,153	18,339,519 21,049,155	295,246 471,208	1,684,077	14.368.655	223.345	1.153.763	11,583,248 11,289,046	287,798 287,646	1,586,839
1.5		W Increased ROE	2018	15,430,666	370,082	1,890,095	21,049,155	471,208	2,404,813	14,368,665	223,345	1,153,763	11,289,046	287,646	1,407,384
		W 11.68 % ROE	2019	8,493,184	216,271	902,986	32,978,842	804,041	3,470,539	14,358,538	347,188	1,508,145	11,007,878	287,800	1,177,840
		W Increased ROE	2019	8,493,184	216,271	902,986	32,978,842	804,041	3,470,539	14,358,538	347,188	1,508,145	11,007,878	287,800	1,177,840
80		W 11.68 % RDE W Increased RDE	2020 2020	8,082,201 8,082,201	215,459 215,459	994,104 994,104	32,534,065 32,534,065	805,368 805,368	3,939,723 3,939,723	14,019,257	346,998 346,998	1,697,623	10,720,232	287,800 287,800	1,320,595
80		W 11.68 % ROE	2021	8.099.999	217.189	1.011.877	31.316.802	802.788	3.875.267	13.640.316	346.615	1.684.861	10.432.277	287.800	1.311.307
83		W Increased ROE	2021	8.099.999	217.189	1.011.877	31.316.802	802.788	3.875.267	13.640.316	346.615	1.684.861	10.432.277	287.800	1.311.307

## Public Service Electric and Gas Company ATTACHMENT H-98A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2021

1	New Plant Carryl	ng Charge				Page 14 of 21
2	Fixed Charge R If not a CIAC		Formula Line			
3		A	152	Net Plant Carrying Charge without Depreciation	9.81%	
4		B C			10.42%	
4	FCR If a CIAC					
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 a year do not change based on cost data for subsequent years.		
				Per FERC Order dated December 30, 2011 in Docket No. ER12-295, the ROE for the Northeast Grid Reliability Project is 11.	57K,	
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 in the 13 month average balance from Attach 6s, and Line 19 will be number of months to be amortized in year plus one.		
				to recent awaring a community control way, may have no would further or months to be smortsted in year plus one.		

10		Details		Mickleton-G	lloucester 230kV C	ircuit (B2139)	Ridge Ros	d 65%Y Breaker Stati	on (91259	Cor's Corner	Lumberton 2204Y Cir	cuit (B1797)	Sewaren 1	Switch 230kV Conven	ion (B2276)
	"Yes" if a project under PJM														
11	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
		Life	(	42			42						42		
	"Yes" if the customer has paid a														
	tumpourn payment in the amount of the investment on														
13	line 20 Otherwise "No"	CAC	(Yes or No)	No			No.			No.			No		
14	input the allowed increase in BOF	Increased ROE (Basis Points)													
-	From line 3 above if "No" on line	moraneo roc (mana roma)					۰ ،								
45	13 and From line 7 above if "Yea" on line 13	11685-806		99%			0.01%			2015			9.01%		
15	Line 14 plus (line 5 times line	11.68% ROE		991%			9.81%			99%			9.01%		
	15)/100	FCR for This Project		981%			9.81%			9.01%			9.01%		
	Service Account 101 or 106 if not yet classified - End of year												1		
17	hot yet cassined - End or year balance	Investment		19.515.077			43.252.771			32,029,640					
													_		
10	Line 17 divided by line 12	Annual Depreciation or Amort Exp		404.045			1,029,628			762.610					
-	Months in service for														
	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00					
	CWP)			2015			2019			2015			2015		
					Depreciation or			Depreciation			Depreciation			Depreciation or	
21			Invest Yr	Ending	Amerization	Revenue	Ending	Amortization	Revenue	Endino	Amortization	Revenue	Endino	Amortization	Revenue
22		W 11.68 % ROE	2006										_		
23		W Increased ROE W 11 68 % ROE	2006 2007												
26 25		W 11.68 % NOE W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased RDE	2008												
28		W 11.68 % ROE W Increased ROF	2009												
20		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11 68 % ROF	2011												
33		W Increased ROE W 11 68 % ROE	2011 2012												
20		W Intressed BOE	2012												
-		W 11.68 % ROE	2013										1		
37		W Increased ROE W 1168 % ROF	2013 2014										1		
2		W 11 AR % ROF W Increased ROE	2014										1		
		W 11.68 % ROE	2015	18.260.361	232.128	1.375.013				17.370.246	185.057	1.096.185	13.591.177	156.762	928.580
41		W Increased ROE	2015	18,260,361	232,128	1,375,013				17,370,246	185,057	1,096,185	13,591,177	156,762	928,580
a		W 11.68 % ROE	2016	19,039,119	458,839	2,637,556	4,024,723	95,827	556,391	32,167,824	770,307	4,451,390	118,288,759	2,820,131	16,356,354
4		W Increased ROE W 1168 % ROF	2016 2017	19,039,119	458,839 458,892	2,637,556 2,542,906	4,024,723 39,858,124	95,827 277 639	556,391 1.582,248	32,167,824 31.074.276	770,307 763.146	4,451,390 4,250,525	118,288,759	2,820,131	16,356,354
-		W 11.68 % NOE W Increased ROF	2017	18,586,669	458,892 458,892	2,542,906	39,858,124	277,639	1,582,248	31,074,276	763,146 763,146	4,250,525	0		0
-		W 11.68 % ROE	2017	18.353.373	464.363	2,284,765	42.538.575	998.751	5.123.158	30.311.131	762,610	3.769.058	ő	ő	0
-		W Increased ROE	2018	18,353,373	464,363	2,284,765	42,538,575	998,751	5,123,158	30,311,131	762,610	3,769,058	ő	ő	ő
46		W 11.68 % ROE	2019	17,900,855	464,645	1,912,015	41,752,538	1,026,780	4,402,674	29,548,520	762,610	3,151,751	0	0	0
		W Increased ROE	2019	17,900,855	464,645	1,912,015	41,752,538	1,026,780	4,402,674	29,548,520	762,610	3,151,751	0	0	0
10		W 11.68 % ROE W Increased ROE	2020	17,441,834	464,645 464,645	2,145,003 2,145,003	40,671,622 40,671,622	1,025,297	4,943,629	28,785,910 28,785,910	762,610 762,610	3,535,865	0	0	0
		W Increased NOE W 11.68 % ROE	2020	17,441,834	464,645 464.645	2,145,003	40,671,622 39.828.478	1,025,297	4,943,629	28,785,910	762,610	3,535,865			0
		W Increased ROE	2021	16.971.565	464.645	2.129.718	39.828.478	1.029.828	4.937.384	28.023.299	762.610	3.511.965		0	

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

1	New Plant Carryl	ng Charge				Page 15 of 21
2	Fixed Charge R if not a CIAC	ate (FCR) if				
			Formula Line 152	Net Plant Carrying Charge without Depreciation	981%	
		â.		Net Plant Carrying Charge without Depreciation  Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
4		В.	159			
5		C		Line Bless Line A	0.61%	
6	FCR If a CIAC					
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.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
				Per FERC Order dated December 30, 2011 in Docket No. ER13-206, the ROE for the Northeast Grid Reliability Project is	11.20%,	
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is th		
				13 month average balance from Attach Sa, and Line 19 will be number of months to be amortized in year plus one.		

10 Defails Install Consensush 250MVAR Cap Bank (B0376) Reconfigure Kearmy-Loop in P2216 Ckt (B1589) Reconfigure	Brunswick Sw-New 69kVCkt-T (52146) 350 MVAR Reactor Hopatoons 506kV (52702)
"Yes" if a project under PJM	DESIGNATION OF THE PROPERTY OF
CATT Schedule 12 otherwise	
11 "No" Schedule 12 (Yes or No) Yes Yes Yes	Yes
12 Useful life of the project Life 42 42	e e
"Yes" if the customer has poid a	
lumpour payment in the	
amount of the investment on    line 20 (Thermise Tel. C   LEC	
13 Nov 20 (Phonoiska Tuke" CIAC (Yea or No) No No No	No No
input the anomalo increase in Increased RCE (Basis Points) 0 0	
From Ins 3 above if 740° on Ins	
13 and From line 7 above if	
S "Yes" on line 13 11.69% ROE 9.81% 9.81%	85% S85%
Line 14 plus (line 5 times line	
	8% 88%
Service Account 101 or 105 if not veit classified - find of wear of the country o	
net yet casasines - Erio or year 17 balance 1 1:00.058 22.003.708 157.750.	572 22.307.034
1, ca,dill 22,003,00 13,750	22,307,004
Annual Decredation or Amort Exp	
gs Line 17 divided by line 12 95,992 555,006 1,7553	66 531,120
Months in service for	
10 decreciation esserae from 13.00 13.00 13.00 13.00 15.00 1	13.00
	1017 2018
Depreciation Depreciation	Depreciation
or or	Depreciation or or
21 Invest Yr Ending Americation Revenue Ending Americation Revenue Ending	Amortization Revenue Ending Amortization Revenue
22 W 11.88 % ROE 2008	
21 W Increased ROE 2008	
34 W 11.68 % ROE 2007	
25 W Increased ROE 2007 W 11.68 W RDF 2009	
27 W Increased ROE 2008	
W 11.68 % ROE 2009 W Increased ROE 2009	
30 W 11685 RDE 2010	
20 W 17.65 W ROE 2010	
3 W 11.68 % ROF 2011	
Winnessed ROE 2011	
W 11.88 % ROE 2012	
Winnessed ROF 2012	
w 11.68 % ROE 2013	
y W Increased ROE 2013	
W 1188 NOF 2014	
w W Increased ROE 2014	
© W 11.88 % ROE 2015	
r W Increased ROE 2015	
a W 11.68 % ROE 2016 1,108,058 26,382 153,181	
a W Increased ROE 2016 1,108,058 26,382 153,181	
4 W 11.68 % ROE 2017 1,081,675 26,382 147,691 2,060,962 3,775 21,554 75,384,04	47 433,473 2,475,231
m Windowsed ROE 2017 1.081.675 26.382 147.691 2.060.962 3.775 21.554 75.384.0	47 433,473 2,475,231
W 11.68 N ROE 2018 1,055,293 26,382 131,053 22,086,187 389,139 2,009,945 154,527,4	
	05 2.298.869 11.848.761 22.306.913 361.856 1.869.285
er Wincreased ROE 2018 1,055,293 26,382 131,053 22,086,187 389,139 2,009,945 154,527,4	
er W Increased ROE 2018 1,055,293 26,382 131,053 22,086,187 389,139 2,009,945 154,527,47 W 11,68 % ROE 2019 1,028,911 26,382 109,575 21,673,168 525,383 2,277,763 154,955,51	
	97 3,754,475 16,283,381 21,945,167 531,120 2,305,492
a W 11.68 % ROE 2019 1,028,911 26,382 109,575 21,673,168 525,383 2,277,763 154,955,51	97 3,754,475 16,283,381 21,945,167 531,120 2,305,492 97 3,754,475 16,283,381 21,945,167 531,120 2,305,492
<ul> <li>W 11.68 W ROE 2019 1.028,911 28,382 109,575 21,673,168 525,383 2,277,763 154,955,51</li> <li>W Increased ROE 2019 1.028,911 26,382 109,575 21,673,168 525,383 2,277,763 154,955,51</li> </ul>	97 3,754,475 16,283,381 21,945,167 531,120 2,305,492 17 3,754,475 16,283,381 21,945,167 531,120 2,305,492 34 3,747,488 18,305,678 21,324,643 528,988 2,533,419
M   W   11.68 % ROC   2019   1,028,911   26,382   100,575   21,673,168   525,383   2,277,763   154,965,91   1,028,911   26,382   100,575   21,673,168   525,383   2,277,763   154,965,91   1,028,911   26,382   100,575   21,673,168   525,383   2,277,763   154,965,91   1,028,911   27,977   27,978   27	97 3,754,475 16,283,381 21,945,167 531,120 2,305,492 197 3,754,475 16,283,381 21,945,167 531,120 2,305,492 34 3,747,488 18,305,678 21,324,643 528,988 2,583,419 34 3,747,488 18,305,678 21,324,643 528,988 2,583,419

#### Public Service Electric and Gas Company ATTACHMENT H-16A Attachment 7 - Transmission Enhancement Charese Worksheet (TEG) - December 31, 282

1	New	e Plant Carrying	Charge			Page 16 of 21
2		ed Charge Rate not a CIAC				
			Formula Line 152	Net Plant Carrying Charge without Depreciation	9.81%	
			152	Net Plant Carrying Charge without Depreciation  Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
			159	I ine R lens I ine A		
5		c		Line B less Line A	0.61%	
6	FCF	R If a CIAC				
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.		
				Therefore actual revenues collected in a year do not change based on cost data for subsequent	ears.	
				Per FERC Order dated December 30, 2011 in Docket No. ER12-295, the ROE for the Northwest G	id Reliability Project is 11.32%,	
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effer	the January 1, 2012.	
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmissio	Projects, Line 17 is the	
				13 month average balance from Attach Gs, and Line 19 will be number of months to be amortized	in year plus one.	

10	Details		New 500 kV bay	r at Hope Creek (E ek substation) (B2	expansion of	New 500/230 kV au a new Hope Cree	totransformer at	Hope Creek and ion (82633.5)	Rebuild Alde	ne-Warinanco-Linder Circuit (B2955)	VFT 230kV		hburg 230kV cor - Branchburg) (b	
"Yes" if a project under PJM			Hagar Silvin	IN RUDBING ONLY DOZ	100.50	A LINE HADA CITY	IX ALSO KY HUDOW	IOII (MAGOZO)		Citati (Marko)		100000000000	- Marie Consultation	ARRON IAJ
OATT Schedule 12, otherwise	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12 Useful life of the project	Life	(reacon real)	- 42			- 42								
"Yes" if the customer has poid			_			_			_			_		
lumpourn payment in the amount of the investment on														
g line 20 Otherwise "No"	CIAC	(Yes or No)	No.			No.			No			No.		
Input the allowed increase in														
56 Brown Inte 3 above if "No" on In	Increased ROE (Basis Points)													
13 and From line 7 above if														
≤ "Yes" on line 13	11.68% ROE		9.81%			9.81%			9.81%			9.0%		
Line 14 plus (line 5 times line to 15)/100	FCR for This Project		9.91%			9.81%			981%			9.87%		
Service Account 101 or 106 if			1											
not yet classified - End of year gr balance	Investment.		41,911,797			58,265,249			97.815.700			489.003		
			40,410,742			11,211,211			87,810,700			400,002		
g Line 17 divided by line 12	Annual Depreciation or Amort Exp		995.519			1,307,744			2328947			11,663		
Months in service for														
19 depreciation expense from Year placed in Service (0 if			10.23			12.82			12.93			7.00		
20 CWP)			2020			2020			2020			2021		
				Depreciation			Depreciation						Depreciation	
21		Invest Yr	Ending	or Amortization	Revenue	Ending	or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
26	W 11.68 % ROE W Increased ROF	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
20 20	W 11.68 % ROE W Increased ROE	2009 2009												
2	W 11.68 % ROE	2010												
	W Increased ROE	2010												
	W 11 68 % ROF	2011												
20 20	W Increased ROE W 11 68 % ROF	2011 2012												
n n	W Increased ROF	2012	1			1								
-	W 11.68 % ROE	2013	1			1								
37	W Increased ROE W 11 68 % ROF	2013 2014	1			1								
1 :	W 11 68 % ROF W Increased ROE	2014	1			1								
1 2	W 11.68 % ROE	2015	1			1								
e	W Increased ROE	2015	1			1								
a	W 11.68 % ROE	2016	1			1								
	W Increased ROE W 11.68 % ROE	2016 2017	1			1								
1 =	W Increased ROF	2017	1			1								
1 2	W 11.68 % ROE	2018	1			1								
e	W Increased ROE	2018	1			1								
-	W 11.68 % ROE	2019	1			1								
-	W Increased ROE W 11 68 % ROF	2019 2020	12.979.846	23.773	119.964	53.143.656	97.333	491.171	92,900,015	757.028	3.820.197			
	W 11.68 % ROE W Increased ROF	2020	12,979,846	23,773	119,964	53,143,656	97,333	491,171	92,900,015	757,028 757,028	3,820,197			
	W 11.68 % ROE	2020	41,788,014	783.226	4.008.756	58,187,916	1.368.036	6.995.758	97.058.738	2.316.766	11.789.355	489.863	6.276	32,139

### Public Service Electric and Gas Company ATTACHMENT M-16A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 25

1 New Plant Carping Charge 2 Plant Charge Rate (PCR) if If ind a CACC	Page 17 of 21
If not a CIAC	
Formula Line	
3 A 152 Net Plant Carrying Charge without Depreciation 9.81%	
4 B 159 Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation 10.42%	
S C Line B least Line A 0.61%	
6 FCR#±CIMC	
7 D 153 Net Plant Carryling Charge without Depreciation, Relatin, nor Income Taxwa 1.25%	
The PCR resulting from Formula in a given year is used for that year only.	
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
Per FERC Order dated December 30, 2011 in Docket No. ERIX-206, the ROE for the Northeast Orld Reliability Project is 11.32%,	
which includes a 25 basis-point transmission ROE adder as surfaced by FERC to become effective January 1, 2012.	
6 For abandoned start lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
13 month average before from Attach Sa, and Line 18 will be number of months to be amortized in year plus one.	

10	"Yes" if a project under PJM	Details		Branchburg-Pleas (Branchburg -	ant Valley 230kV East Flemington	corridor rebuild (b2985.21)	138 kV circuits	318 and Q1317 ( to one 230 kV ci adow Road) (b2	Edison - Metuchen) rcuit (Brunswick - 135.1)	138 kV circuits to	318 and Q1317 (E one 230 kV circu laraco Ava) (b283	idison - Metuchen) sit (Meadow Road - 5.2)	138 kV circuits	1318 and Q1317 (Ec to one 230 kV circs Metuchen) (B2835	it (Pierson Ave -
	OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yex or No)	Yes			Yes			Yes			Yes		
+2	Useful life of the project	1 the		42			- 42			42			42		
	"Yes" if the customer has paid a tumpourn payment in the amount of the investment on			_						_					
13	Ine 20 Otherwise "No" hout the allowed increase in	CIAC	(Yex or No)	No			No.			No.			No		
54	BOF	Increased ROE (Basis Points)								0					
45	From line 3 above if "No" on line 13 and From line 7 above if "Yea" on line 13	11 68% 806		9.01%			50%			901%			98%		
	Line 14 plus (line 5 times line	T T SOUTH TO CO.		*****			nain.			2019					
16	15)/100 Service Account 101 or 106 if not vet classified - End of year	FCR for This Project		9.91%			9.01%			9.01%			9.81%		
17	balance	Investment		52,106,859			88,399,297			56,043,073			8,643,793		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12			1,240,640			2,104,745			1,334,359			205,804		
19	Months in service for decreciation expense from			6.64			12.99			12.99			12.97		
20	Year placed in Service (0 ff														
20	CWP)			2021	Depreciation		20%	Depreciation		2018	Depreciation		2019	Depreciation	
					or			or			or			or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE W 11 68 % ROF	2006 2007												
24			2007												
25		W Increased ROE W 11 68 % ROF	2007												
26		W 11.68 % NOE W Increased ROE	2008												
27		W Increased HDE W 11 68 % ROF	2008												
28		W 11.68 % NOE W Increased BOF	2009												
30		W 11 68 % ROF	2010												
		W 11.68 % NOE W Increased ROE	2010												
31		W Increased HDE W 11 68 % ROF	2010												
32		W Increased ROE	2011												
33		W 11 68 % ROF	2011												
		W Increased BOF	2012												
35		W 11 68 % ROF	2013												
37		W Increased BOF	2013												
38		W 11 68 % ROF	2014												
29		W Increased ROE	2014	1						1			1		
40		W 11.68 % ROE	2015	1						1			1		
-		W Increased ROF	2015	1						1			1		
- a		W 11 68 % ROF	2016	1						1			1		
0		W Increased BOF	2016	1						1			1		
41		W 11 68 % ROF	2010	1						1			1		
		W Increased BOF	2017	1						1			1		
41		W Increased HUE W 11 68 % BOF	2017	1			2.659.068	37.193	192.131	2.659.068	37.193	192.131	1		
46		W 11.68 % NOE W Increased ROE	2018	1			2,659,068	37,193	192,131	2,659,068	37,193	192,131	1		
47				1											
48		W 11.68 % ROE	2019	1			83,079,277	1,184,132	5,203,531	52,624,372	765,680	3,364,016	7,960,942	114,708	504,244
49		W Increased ROE	2019	1			83,079,277	1,184,132	5,203,531	52,624,372	765,680	3,364,016	7,960,942	114,708	504,244
80		W 11.68 % ROE	2020	1			84,517,903	2,025,164	10,102,188	53,589,876	1,284,705	6,405,834	7,975,324	191,040	963,080
81		W Increased ROE	2020	1			84,517,903	2,025,164	10,102,188	53,589,876	1,284,705	6,405,834	7,975,324	191,040	963,080
12		W 11.68 % ROE	2021	52.106.859	633.250	3.242.623	85.152.808	2.103.074	10.450.746	53.965.496	1.333.293	6.622.614	8.338.035	205.308	1.021.376
13		W Increased ROE	2021	52,106,859	633.250	3.242.623	85.152.808	2.103.074	10.450.746	53.955.496	1.333.293	6.622.614	8.338.035	205.308	1.021.376

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEG) - December 31.

	New Plant Carrying Charge		Page 18 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula Line		
3	A 152	Net Plant Carrying Change without Depreciation	9.81%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%
5	c	Line Bless Line A	0.61%
4	FCR H a CIAC		
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.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 38, 2011 in Docket No. ER13-295, the ROE for the Northeast Grid Reliability Proje	ed is 11.00%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 20	12.
9		For abandoned plant lines 12, 14, 15, and 15 will be from Attachment 5 - Abandoned Transmission Projects, Line 11	is the
		13 month average balance from Attach Sa, and Line 13 will be number of months to be amortized in year plus one.	

				340 and T-1372/D-1330 (Brunswick - rcuits to 230 kV circuits (Hunterplen		340 and T-1372/D-1330 (E			340 and T-1372/D-1 circuits to 230 kV				53/Y-1325 (Trenton / circuits (Trenton -
10	Details			Trenton) (B2836.2)		vila Brook) (B2835.3)	(Brunswick -		ok - Trenton) (B283			ardville K) (B2837	
"Yes" if a project under PJM OATT Schedule 12, otherwise													
11 "No"	Schedule 12	(Yes or No)	Yes		Yes			Yes			Yes		
12 Useful life of the project	Life		42		42			42			42		
"Yes" if the customer has paid a lumpourn payment in the	•												
amount of the investment on													
13 line 29 Otherwise "No" Input the allowed increase in	CAC	(Yes or No)	No		No.			No			No		
14 BOE	Increased ROE (Basis Points)												
From line 3 above if "No" on line 13 and From line 7 above if													
15 "Yes" on line 13	11.68% ROE		9,81%		9.8%			9.87%			9.81%		
Line 14 plus (line 5 times line													
16 15)/100 Service Account 101 or 106 if	FCR for This Project		9.81%		9.81%			9.8%			9.81%		
not yet classified - End of year													
17 balance	Investment		77,807,895		50,819,876			97,374,325			34,796,685		
	Annual Depreciation or Amort Exp												
18 Line 17 divided by line 12 Months in service for			1,852,568		1,209,997			2,319,436			828,493		
19 depreciation expense from			12.97		12.97			12.97			11.60		
Year placed in Service (0 if 20 CWP)													
2 CWP1			209	Depreciation	20	Degreciation		209	Degreciation		200	Degreciation	
				or		or			or			or	
21 22	W 11.68 % ROE	Invest Yr 2006	Ending	Amortization Revenue	Ending	Amortization R	evenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22	W Increased ROE	2006											
24	W 11.68 % ROE	2007											
25 26	W Increased ROE W 11.68 % ROE	2007 2008	l										
27													
	W Increased ROE	2008											
28	W 11.68 % ROE	2008 2009											
28	W 11.68 % ROE W Increased ROE	2008 2009 2009											
20 20 20	W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2009 2009 2010											
28	W 11.68 % ROE W Increased ROE	2008 2009 2009 2010 2010 2011											
28 28 30 31 32 33	W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROF W Increased ROE	2008 2009 2009 2010 2010 2011 2011											
28 28 20 20 20 20 20 30 30	W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE	2008 2009 2009 2010 2010 2011 2011 2011											
28 28 30 31 32 33	W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROF W Increased ROE	2008 2009 2009 2010 2010 2011 2011											
28 28 30 30 32 33 33 34 36	W 11.88 % ROE W Increased ROE W Increased ROE	2008 2009 2009 2010 2010 2011 2011 2012 2012											
28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013											
28 28 28 28 28 28 28 28 28 28 28 28 28 2	W 11.88 % ROE W Increased ROE W 11.88 % ROE W INCREASED ROE W 11.88 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013											
28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	W 11.88 % ROE W Increased ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013											
28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	W 11.68 % RDE Wincressed RDE W 11.68 % RDE W Incressed RDE W 11.68 % RDE W Incressed RDE W 11.68 % RDE W Incressed RDE W 11.68 % RDE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2013 2013											
20 20 20 20 20 20 20 20 20 20 20 20 20 2	W 11.68 % RDE W 10.60 % RDE W 11.68 % RDE	2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2015 2015 2016											
30 30 30 30 30 30 30 30 30 30 30 30 30 3	W 11.68 % RDE W Intrassord RDE W 11.68 % RDE W 11.68 % RDE W 11.68 % RDE W Intrassord RDE W 11.68 % RDE W Intrassord RDE W 11.68 % RDE	2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2014 2015 2015 2016 2016 2016 2016									450,604	1,558	8,895
20 20 20 20 20 20 20 20 20 20 20 20 20 2	W 11.68 % RDE W 10.60 % RDE W 11.68 % RDE	2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2015 2015 2016 2016 2017 2017	572 884	8790 #37978							450,604	1,558	8,895
20 20 20 20 20 20 20 20 20 20 20 20 20 2	W 11.68 % RDE W 1000 M	2008 2009 2009 2010 2010 2011 2011 2012 2013 2013 2014 2014 2015 2015 2016 2016 2016 2016	572,884 572,884	8.389 43.350 8.389 43.35									
30 30 30 30 30 30 30 30 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	W 11.88 % ROE W Interessed ROE W Interessed ROE W Interessed ROE W 11.86 % ROP W Interessed ROE W 11.86 % ROE W Interessed ROE W 11.86 % ROE W Interessed ROE	2008 2009 2009 2010 2010 2011 2011 2011 2011	572,884 36,080,098	8,389 43,336 350,313 1,539,666	25,358,212	903,797	1,335,462	47,846,023	509,593	2,240,121	450,604 449,046 449,046 10,016,807	1,558 10,729 10,729 91,099	8,895 55,268 55,268 400,083
30 30 30 30 30 30 30 30 30 30 30 30 30 3	W 11.88 % ROE W horseason ROE W horseason ROE W horseason ROE W 11.84 % ROE W 11.85 % ROE W 11.86 % ROE W horseason ROE W 11.86 % ROE W horseason ROE	2008 2009 2010 2010 2010 2010 2011 2011 2011	572,884 36,080,098 36,080,098	8,389 43,336 350,313 1,539,666 350,313 1,539,666	25,358,212	303,797	1,335,462	47,846,023	509,593	2,240,121	450,604 449,046 449,046 10,016,807 10,016,807	1,558 10,729 10,729 91,099 91,099	8,895 55,268 55,268 400,083 400,083
30 30 30 30 30 30 30 30 30 30 30 30 30 3	W 11.68 % ROE W INTERES ROE W INTERES ROE W INTERES ROE W 11.68 % ROE	2008 2009 2009 2010 2010 2010 2011 2011 2012 2013 2013	572,884 36,080,098 36,080,098 67,121,246	8,389 43,336 350,313 1,539,666 350,313 1,539,666 1,348,583 6,776,955	25,358,212 44,907,790	303,797 911,361	1,335,462 4,574,715	47,846,023 86,829,603	509,593 1,756,235	2,240,121 8,821,825	450,604 449,046 449,046 10,016,807 10,016,807 23,872,589	1,558 10,729 10,729 91,099 91,099 343,139	8,895 56,268 56,268 400,083 400,083 1,725,514
30 30 30 30 30 30 30 30 30 30 30 30 30 3	W 11.88 % ROE W horseason ROE W horseason ROE W horseason ROE W 11.84 % ROE W 11.85 % ROE W 11.86 % ROE W horseason ROE W 11.86 % ROE W horseason ROE	2008 2009 2010 2010 2010 2010 2011 2011 2011	572,884 36,080,098 36,080,098	8,389 43,336 350,313 1,539,666 350,313 1,539,666	25,358,212	303,797	1,335,462	47,846,023	509,593	2,240,121	450,604 449,046 449,046 10,016,807 10,016,807	1,558 10,729 10,729 91,099 91,099	8,895 55,268 55,268 400,083 400,083

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 203

,	New Plant Carrylog Charge		Page 19 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC		
3 4 5	Formula Line  A 152  B 159  C	Net Plant Carrying Charge without Depreciation 9.81% Net Plant Carrying Charge per 100 Basia Point in ROE without Depreciation 10.43% Lim Billes Lim Bill Billes Lim Bill Billes Lim Bill Billes Lim Bill Billes Lim Bill Billes Lim Bi	
4	FCR H a CIAC D 153	Net Plant Cerrying Change without Depreciation, Return, nor Income Taxons 125%	
,	D 153	New Years Carrying Canage Wester Language Castler, Indiana, 1 2019  The FCR resulting from Formals in a glans year in used for that pare only.  Therefore actual reviews collected in year of our Cases based on cost data for subsequent years.	
		Per FERC Order dated December 38, 2011 in Docket No. ER12-285, the RDC for the Northwast Ord Reliability Project in 11.50%, which includes a 25 basis-point transmission RDC adder as authorized by FERC to become effective January 1, 2012.	
9		For abandoned clant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Protects, Line 17 is the 13 month average balance from Attach Ea, and Line 19 will be number of months to be amortized in year plus one.	

_														
					5/Z-1326 and K-1363/Y-1325 (Trento			363/Y-1325 (Trenton		58/Z-1326 and K-13				63/Y-1325 (Trenton
10		Details			38 kV circuits to 230 kV circuits e - Ward Ave K) (B2837.2)		8 kV circuits to 23 - Crosswicks Yi (B	kV circuits (Ward		138 kV circuits to 2 lcks - Bustleton Y)			138 kV circuits to on - Burlington Y)	
10	"Yes" if a project under PJM	Detain		LYANGONIII	0 - Ward Ave NJ (02037.2)	AVE	- Crosswicks 1) (E	(2027.2)	(C.FOXEW)	ices - Busineton 1)	(02027.40	(District)	on - puningson 1)	[82937.5]
	OATT Schedule 12, otherwise													
11	"No"	Schedule 12	(Yes or No)	Yes		Yes			Yes			Yes		
12	Useful life of the project "Yes" if the customer has paid a	Life		42		42			42			- 42		
	lumpourn payment in the													
	amount of the investment on line 29. Otherwise "No"													
13	Ins 70 Observing No.	CAC	(Yes or No)	No.		No.			No.			No		
14	BOE	Increased ROE (Basis Points)												
	From line 3 above if "No" on line													
45	13 and From line 7 above if "Yes" on line 13	11.68% ROE		981%		9,81%			9,87%			9,81%		
1.0	Line 14 plus (line 5 times line	TI ME AT PILOE		22.5								88110		
16	15)/100	FCR for This Project		9.81%		9.8%			9.8%			9.81%		
	Service Account 101 or 106 if not yet classified - End of year													
17	balance	Investment		11,645,817		8.152.734			21,599,479			23,100,434		
						1,100,101								
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		277.281		194.113			752.369			788.106		
	Months in service for													
19	depreciation expense from			11.85		11.66			10.49			10.28		
90	Year placed in Service (0 if CWIP)			2017		2010			2010			9049		
_					Depreciation	-	Depreciation		-	Depreciation			Depreciation	
21			Invest Yr	Endino	or Amortization Revenue	Ending	or Amortization	Revenue	Ending	or Amortization		Ending	or Amortization	Revenue
21		W 11 68 % ROF	2006	Ensing	Amortization Revenue	Ensing	Amonumion	REVENUE	Ensing	Amonuation	Revenue	Eneing	Amonization	REVENUE
22		W Increased ROE	2006											
24		W 11.68 % ROE	2007											
25		W Increased ROE W 11.68 % ROE	2007 2008											
26 27		W 11.68 % RUE W Increased ROE	2008											
177		W 11.68 % ROF	2000											
29		W Increased ROE	2009											
30		W 11.68 % ROE	2010											
31		W Increased ROE W 11 68 % ROF	2010											
32		W Increased ROE	2011											
36		W 11.68 % ROE	2012											
39		W Invessed ROF	2012	1		1						1		
38		W 11.68 % ROE W Increased ROE	2013 2013	1		1								
37		W Increased NOE W 1168% ROF	2013	1		1						1		
38		W Increased ROE	2014	1		1								
40		W 11.68 % ROE	2015	1		1						1		
41		W Increased ROE	2015	1		1						1		
42		W 11.68 % ROE	2016	1		1								
43		W Increased ROE W 11.68 % ROE	2016 2017	450.604	1.558 8.895	1						1		
40		W 11.68 % NOE W Increased ROE	2017	450,604 450,604	1,558 8,895 1,558 8.895									
45		W 11 68 % ROF	2017	449.046	10.729 55.268							1		
67		W Increased ROE	2018	449.046	10,729 55,268							1		
48		W 11.68 % ROE	2019	1,267,006	24,388 106,413	1,452,159	32,211	141,595	3,578,094	36,104	158,711	2,125,935	3,894	17,116
49		W Increased ROE	2019	1,267,006	24,388 106,413		32,211	141,595	3,578,094	36,104	158,711	2,125,935	3,894	17,116
80		W 11.68 % ROE	2020	8,285,191	75,087 377,575		46,817	235,295	18,465,043	127,407	641,952	18,342,368	95,983	484,283
81		W Increased ROE W 11.68 % ROE	2020	8,285,191 11 534 055	75,087 377,575 252,802 1,284,501		46,817 174 152	235,295 884.806	18,465,043	127,407	641,952 3,094,144	18,342,368 33,000,558	95,983 623,331	484,283 3.184,082
		W 11.68 % RUE W Increased ROE	2021	11.534.055	252.802 1.284.501 252.802 1.284.501		174.152	884.806 884.806	31.435.966	606.781	3.094.144	33.000.558	623.331	3.184.082

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

1	New Plant Carry	ing Charge				Page 20 of 21
2	Fixed Charge F	Rate (FCR) if				
			Formula Line			
1		A	152	Net Plant Carrying Change without Depreciation	9.81%	
1		8	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
5		C		Line B less Line A	0.61%	
	FCR If a CIAC					
,		D	153	Net Plant Carrying Change 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 a year do not change based on cost data for subsequent years.		
1				Per FERC Order dated December 38, 2011 in Docket No. ER13-296, the ROE for the Northeast Crid Reliability Project is 11.93%,		
				which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
				For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the		
				13 month surrana balance from Attach fig. and I has 13 will be number of months in be associated in year oles one		

10		Details		- Burlington) 138 I	58/Z-1326 and K-13/ IV circuits to 230 kV (ardville F) (B2837.	/ circuits (Trenton -	- Burlington)	58/Z-1326 and K-136 138 kV circuits to 2 ille - Ward Ave F) (8	30 kV circuits	- Burlington) 138	8/Z-1326 and K-136 kV circuits to 230 i Grosswicks Z) (B2	V circuits (Ward	(Trenton - Burl	358/Z-1326 and K ngton) 138 kV cir (Crosswicks - Wil (82837.9)	cuits to 230
	"Yes" if a project under PJM														
	CATT Schedule 12, otherwise									Yes					
11		Schedule 12	(Yes or No)	Yes			Yes						Yes		
12		Life		42			42			42			42		
	"Yes" if the customer has paid a			l .											
	lumpourn payment in the amount of the investment on			l .											
13		CIAC	(Yes or No)	No.			No.			No.			No.		
13	hout the allowed increase in	CAL	(TEE OF NO)	No.			No.			No.			No.		
14		Increased ROE (Basis Points)													
1	From line 3 above if "No" on line														
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.81%			9.8%			9.81%			9.91%		
	Line 14 plus (line 5 times line			l .											
16	15)/100	FCR for This Project		9.81%			9.8%			9.81%			9.91%		
	Service Account 101 or 105 if			l .											
	not yet classified - End of year														
17	balance	Investment		34,665,190			11,263,048			8,152,734			3,030,513		
				l .											
	Line 17 divided by line 12	Annual Depreciation or Amort Exp		825.362			200,100			196113			72.155		
18	Months in service for			825,862			266,166			194,113			72,100		
19	depreciation expense from			11.59			11.81			11.66			11.61		
1	Year placed in Service (0 if														
20	CWP)			2019			2019			2019			2019		
					Depreciation			Depreciation			Depreciation				
					or			90			90			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % RDE	2006												
23		W Increased ROE	2006												
24		W 11.68 % RDE	2007	l .											
25		W Increased ROE	2007												
26		W 11.68 % RDE	2008	l .											
27		W Increased ROE	2008												
28		W 11.68 % RDE	2009												
29		W Increased ROE	2009	l .											
30		W 11.68 % RDE	2010												
31		W Increased ROE													
32			2010												
33		W 11 68 % ROF	2011												
36		W Increased ROE	2011 2011												
		W Increased ROE W 11.68 % ROE	2011 2012												
33		W Increased ROE W 11.68 % ROE W Increased ROF	2011 2012 2012												
35		W Increased ROE W 11.68 % ROE W Invasced ROF W 11.68 % ROE	2011 2012 2012 2012 2013												
38 38 37		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2011 2012 2012 2012 2013 2013												
35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2011 2012 2012 2012 2013 2013 2014												
38 37 38 38		W Increased ROE W 11.68 % ROE W Increased ROF W 11.68 % ROE W Increased ROE W 11.68 % ROF W Increased ROE	2011 2012 2012 2012 2013 2013 2014 2014												
38 38 37 38		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2011 2012 2012 2012 2013 2013 2013 2014 2014 2015												
38 37 38 38		W Increased ROE W 11.68 % ROE W Increased ROF W 11.68 % ROE W Increased ROE W 11.68 % ROF W Increased ROE	2011 2012 2012 2012 2013 2013 2014 2014												
38 37 38 38 39		W Increased ROE W 11.68 % ROE W Invasced ROF W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2011 2012 2012 2012 2013 2013 2013 2014 2014 2015												
35 36 37 38 39 60 61		W Increased ROE W 11.68 % ROE W Invreased RIF W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE	2011 2012 2012 2012 2013 2013 2013 2014 2014 2015 2015												
38 37 38 39 40 41 42 43		W Increased ROE W 11.88 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2011 2011 2012 2012 2013 2013 2014 2014 2015 2015 2016												
35 37 38 40 41 40 41 41		W Increased ROE W 11.68 % ROE W Increased ROE W 11.88 % ROE	2011 2011 2012 2012 2013 2013 2014 2014 2015 2015 2016 2016 2017												
35 37 38 40 41 44 44		W Increased ROE W 11.68 % ROE W Increased ROF W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2011 2012 2012 2013 2013 2014 2014 2015 2016 2016 2017 2017												
35 37 38 40 41 40 41 41 41 41 41 41 41 41 41 41 41 41 41		W Increased ROE W 11.68 % ROE W Increased ROF W 11.68 % ROE W Increased ROE W 11.69 % ROE W 11.69 % ROE W 11.89 % ROE W 11.89 % ROE W 11.89 % ROE	2011 2011 2012 2012 2013 2013 2014 2014 2015 2015 2016 2016 2017 2018												
30 37 38 30 40 40 40 40 40 40 40 40 40 40 40 40 40		W Increased ROE W 11.88 % ROE W Invested ROF FW 11.88 % ROE W Increased ROE W Increased ROE W 11.88 % ROE	2011 2012 2012 2013 2013 2014 2015 2015 2016 2016 2017 2017 2017 2018 2018												
30 37 38 40 40 40 40 40 40 40 40 40 40 40 40 40		W Increased ROE W 11.88 % ROE W Increased ROE W 11.88 % ROE	2011 2012 2012 2013 2013 2013 2014 2014 2015 2016 2016 2017 2018 2017 2018 2018 2018 2018	9,578,489	80,370	363,300	828,688	13,680	60,047	1,452,159	32,211	141,595	1,452,150	32,211	141,596
30 37 38 40 41 40 44 44 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48		W Increased ROE W 11.68 % ROE W Invested ROF FOR W 11.68 % ROE W Increased ROE	2011 2012 2012 2013 2013 2013 2014 2014 2015 2016 2016 2017 2018 2018 2018 2018 2019 2019	9,578,489	80,370	353,300	828,688	13,660	60,047	1,452,159	32,211	141,595	1,452,159	32,211	141,595
30 37 38 30 41 44 44 45 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48		W Increased ROE W 11.68 % ROE W 10.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROF W 11.68 % ROE	2011 2012 2012 2013 2013 2013 2014 2014 2015 2016 2016 2017 2017 2018 2018 2019 2019 2019 2019	9,578,489 23,445,000	80,370 332,410	353,300 1,672,767	828,688 7,857,602	13,660 64,359	60,047 324,322	1,452,159 6,269,759	32,211 46,817	141,595 235,295	1,452,159 2,291,699	32,211 38,046	141,595 189,882
30 37 38 40 41 40 44 44 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48		W Increased ROE W 11.68 % ROE W Invested ROF FOR W 11.68 % ROE W Increased ROE	2011 2012 2012 2013 2013 2013 2014 2014 2015 2016 2016 2017 2018 2018 2018 2018 2019 2019	9,578,489	80,370	353,300	828,688	13,660	60,047	1,452,159	32,211	141,595	1,452,159	32,211	141,595

## Public Service Electric and Gas Company ATTACREET II-16-2 Affachment 7 - Transmission Enhancement Chappa Worksheet (FEC) - December 31, 2

1	New Plant Carrying Charge				Page 21 of 21
2	Fixed Charge Rate (FCR) if if not a CIAC				
		Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation	9.81%	
4	8	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.42%	
\$	c		Line B less Line A	0.61%	
4	FCR If a CIAC				
7	D	153	Net Plant Carrying Change without Depreciation, Return, nor Income Taxes	1.26%	
			The FCR resulting from Formula in a given year is used for that year only.		
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
			Per FERC Order dated December 38, 2011 in Docket No. ER13-295, the ROE for the Northeast Grid Reliability Project is 11.93%,		
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.		
			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the		

_															
10	"Yea" if a project under PJM	Details		(Trenton - Bur	-1358/Z-1326 and P lington) 138 kV circ liams - Bustleton Z	uits to 230 kV	Convert the F-132 (Trenton - Burlingt circuits (Bustleto	on) 138 kV circu	alta to 230 kV						
11	CATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes								
12	Useful life of the project	Life		42			42								
	"Yes" if the customer has paid a lumpaum payment in the amount of the investment on														
13	line 29 Otherwise "No."	СИС	(Yes or No)	No.			No.								
14	Input the allowed increase in INCR	Increased ROE (Basis Points)		0											
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.81%			9.81%								
16	Line 14 plus (line 5 times line 151/100	FCR for This Project		9.81%			0.01%								
_	Service Account 101 or 105 if not yet classified - End of year														
17	balance	Investment		28,573,369			34,069,851								
	Line 17 divided by line 12	Annual Depreciation or Amort Exp		680.318			811.197								
_	Months in service for depreciation expense from			10.22			1030								
	Year placed in Service (0 if CWIP)			2019			2019								
-								Depreciation							
21			Invest Yr	Endino	Depreciation or Amortization	Revenue	Ending	or Amortization	Revenue		Total	Incentive	Revenue Credit		
21		W 1168% BDF	2006	Enoing	Amortization	Kevenue	Ensing	Amonumon	Revenue	-	Iotal	Charged	REVENUE Credit	-	
22		W Increased ROE	2006	l											
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % RDE	2008												
27		W Increased ROE	2008	l											
28		W 11.68 % ROE W Increased ROF	2009	l											
29		W Increased NOE W 11.68 % RDE	2010	l											
30		W 11.68 % NDE W Increased ROE	2010	l											
30		W 1168% BOE	2010												
30		W Increased ROE	2011	I										1	
36		W 11 68 % BOF	2012	I						1		l		1	
20		W Increased ROF	2012	I						1		l		1	
38		W 11.68 % RDE	2013	I										1	
27		W Increased ROE	2013	I										1	
38		W 11 68 % BOF	2014	I						1		l		1	
39		W Increased ROE	2014	I						1		l		1	
- 0		W 11.68 % RDE	2015	I						1		l		1	
		W Increased ROE	2015	I										1	
		W 11.68 % RDE	2016	I						1		l		1	
		W Increased ROE	2016	I						1		l		1	
46		W 11.68 % RDE	2017	I										1	
		W Increased ROE	2017	I										1	
-		W 11.68 % RDE	2018	I						1		l		1	
		W Increased ROE	2018	I						1		l		1	
		W 11.68 % ROE	2019	2,125,935	3,894	17,116	2,125,935	3,894	17,116	\$	503,250,771		\$ 503,250,771	1	
		W Increased ROE	2019	2,125,935	3,894	17,116	2,125,935	3,894	17,116	\$	509,660,426	\$ 509,660,426		\$	6,409,655
90		W 11.68 % RDE	2020	16,173,343	89,362	450,867	18,342,368	95,983	484,283	\$	596,008,507	l	\$ 596,008,507	1	
80		W Increased ROE	2020	16,173,343	89,362	450,867	18,342,368	95,983	484,283	\$	602,248,962	\$ 602,248,962		\$	6,240,455
						2.761.938			3.281.769						
10 10		W 11.68 % RDE W Increased ROE	2021	28.480.114	540.798 540.798	2.761.938	33.969.975 33.969.975	642.411 642.411	3.281.769	S	636.113.552 642.350.288	\$ 642,350,288	\$ 636.113.552		6.236.736

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

Plant Type	PSE&G
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 Tax	ces - FERC Order 864 Worksheet (4)

			Α	В	С	D=(C*Tax Gross- up rate) (1)	E=(C+D)	F (	3	н	1	J	K=(I+J)	L=(K*Tax Gross- up rate) (1)	M=(K+L)	N=(C+K)	O=(E+M)
				Beginning of the nt) ADIT Regulat	Year ory Liability/(Asset)			Amortization Pe	eriod		Amou	unt Amortized				End of the	Year Balance
Line No.	Description:	Vintage:	Protected Original Account 282	Unprotected Original Account 190/282/283	Total Excess/(Deficient) Deferred Taxes Account 254/ (Account 182.3)	Income Tax Gross-Up	Total Account 254/ (Account 182.3)	Protected Unpro		FERC Account No. (3)	Protected	Unprotected	Total Amortization	Income Tax Gross-Up	Total Amortization with Gross-up	Excess/(Deficient) DIT  Account 254/ (Account 182.3)	Excess/(Deficient) DIT with Gross-Up Account 254/ (Account 182.3)
1 2	Protected Unprotected	2017 TCJA 2017 TCJA	(2) 674,572,091 (2)		674,572,091 -	263,767,165	938,339,256	ARAM 1 Y		411.1 <b>[</b> 411.1	(3,054,643)		(3,054,643)	(1,194,408)	(4,249,051)	671,517,448 -	934,090,204
3	Total Excess/(D	eficient) 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:

D - - - - TO | 4

	Pre I CJA	Post I CJA
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 filling 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
	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville		
b0169	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	i ·		
	Branchburg-Somerville-Flagtown Reconductor		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  Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to	\$ 5,857,687	Jun-10
b0489.4	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
	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation		
b2436.10	upgrades   Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation	\$ 179,505,240	Jan-16
b2436.21	upgrades  Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation	\$ 66,220,634	May-16
b2436.22	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
	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation	, ,	Dec-15
b2436.84	Upgrades  Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation	\$ 53,301,490	Dec-15
b2436.85	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 (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
	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230	, ,	·
b2837.1	kV circuits (Trenton - Yardville K)  Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230	\$ 34,796,685	Nov-17
b2837.2	kV circuits (Yardville - Ward Ave K)  Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230	\$ 11,645,817	Nov-17
b2837.3	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
02007.11	Total	\$ 5,883,560,161	Dec-19

<sup>\*</sup> May vary from original PJM Data due to updated information.