Joseph A. Shea, Jr. Associate General Regulatory Counsel

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VIA ELECTRONIC MAIL & OVERNIGHT MAIL REGENVED CASE MANAGEMENT

JAN 25 2019

January 25, 2019

RECEIVED MAIL ROOM

JAN 25 2019

BOARD OF PUBLIC UTILITIES TRENTON, NJ

In the Matter of the Provision of

BOARD OF PUBLIC UTILITIES

TRENTON, NJ

Basic Generation Service for Year Two of the Post-Transition Period

-and-

In the Matter of the Provision of

Basic Generation Service for the Period Beginning June 1, 2016

-and-

In the Matter of the Provision of

Basic Generation Service for the Period Beginning June 1, 2017

-and-

In the Matter of the Provision of

Basic Generation Service for the Period Beginning June 1, 2018

Docket Nos. EO03050394, ER15040482, ER16040337, ER17040335

Tariff Filing Reflecting Changes to Schedule 12 Charges in PJM Open Access Transmission Tariff, BPU Docket No. ER18121290

Aida Camacho-Welch Secretary of the Board New Jersey Board of Public Utilities 44 South Clinton Avenue, 3rd Floor, Suite 314 Trenton, New Jersey 08625-0350

Dear Secretary Camacho-Welch:

Enclosed for filing on behalf of Jersey Central Power & Light Company ("JCP&L"), Atlantic City Electric Company ("ACE"), Public Service Electric and Gas Company ("PSE&G") and Rockland Electric Company ("RECO") (collectively, the "EDCs"), please find an original and ten copies of revised tariff sheets and supporting exhibits to update the EDC's initial filing dated December 5, 2016 and received on December 6, 2018 in the above-captioned docket (the "December 6, 2018 Filing").

Case mant list copiel

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Background.

In the December 6, 2018 Filing, the EDCs filed a joint petition with the New Jersey Board of Public Utilities ("Board" or "BPU") requesting recovery of Federal Energy Regulatory Commission ("FERC" or the "Commission") approved changes in firm transmission service related charges. By Order dated January 17, 2019, the Board approved the transmission charges resulting from the FERC-approved changes to the Transmission Enhancement Charges ("TECs") effective as of February 1, 2019.

On January 18, 2019, PSE&G made a revised informational filing (the "Revised Informational Filing") with FERC revising its 2019 Formula Rate Annual Update informational filing dated October 15, 2018. PSE&G made the Revised Informational Filing to implement revisions to PSE&G's Formula Rate Template approved by the Commission on December 28, 2018 in Docket No. ER19-204-000 (Attachment 14 below).

Instant Filing.

The EDCs are submitting this filing together with the attached updated tariff sheets and supporting exhibits listed below in order to incorporate the impacts of PSE&G's Revised Informational Filing. The revisions to PSE&G's NITS rate, which are effective January 1, 2019, address various income tax-related items relating to the effects of the Tax Cuts and Jobs Act of 2017 and other Commission formula rate determinations.

Submitted herewith are the following attachments:

- Attachment 1a (Derivation of PSE&G NITS Charge)
- Attachment 2a (Pro-forma PSE&G Tariff Sheets)
- Attachment 2b (PSE&G Translation of NITS Charge into Customer Rates)
- Attachment 3a (Pro-forma JCPL Tariff Sheets)
- Attachment 3c (JCPL –Translation of PSE&G TECs into Customer Rates)
- Attachment 4a (ACE Pro-forma Tariff Sheets)
- Attachment 4b (ACE Translation of PSE&G TECs into Customer Rates)
- Attachment 5a (RECO Pro-forma Tariff Sheets)
- Attachment 5b (RECO Translation of PSE&G TECs into Customer Rates)
- Attachment 6a (PSE&G Project Charges)
- Attachment 7a (PSE&G Open Access Transmission Tariff)
- Attachment 12 (PSE&G FERC filing formula rates)
- Attachment 14 (FERC Order)

The EDCs reiterate the requests for approval set forth in the December 6, 2018 Filing as if incorporated herein, and request that the Board approve the revisions to each EDC's tariff sheets submitted herewith.

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In addition, the EDCs respectfully request that the Board issue a waiver of the 30-day filing requirement that would otherwise apply to this submission because Basic Generation Service suppliers began paying these revised transmission charges effective January 1, 2019.

We thank the Board for all courtesies extended.

Respectfully submitted,

Joseph Duf

Attachments

C Service List (email only)

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE

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Attachment 1a

Revised Derivation of PSE&G Network Integration Transmission Service (NITS)

Charge

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

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2019 through December 31, 2019

Line#	Description				Source
					Page 4 of Attachment 12
(1)	Transmission Service Annual Revenue Requirement	\$	1,194,757,706.63		-Line 164
(2)	Total Schedule 12 TEC Included in above	\$	(406,007,984.00)		Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$	256,069,586.85	"	Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$	1,044,819,309.48		=(1) +(2) +(3)
					Page 4 of Attachment 12 -
(5)	2019 PSE&G Network Service Peak		9,978.3	MW	-Line 165
(6)	2019 Derived Network Integration Transmission Service Rate	\$	104,709.15	per MW-year	
	Resulting 2019 BGS Firm Transmission Service Supplier Rate	\$	286.87	per MW-day	= (6)/365

Attachment 2 – PSE&G Tariffs and Rate Translation

Revised
Attachment 2a
Pro-forma PSE&G Tariff Sheets

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

Revised Attachment 2a Pro-forma PSE&G Tariff Sheets

PUBLIC SERVICE ELECTRIC AND GAS COMPANY B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 75 Superseding XXX Revised Sheet No. 75

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

APPLICABLE TO:

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

BGS ENERGY CHARGES:

Applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL Charges per kilowatt-hour:

•	For usage	in each of the	For usage in each of the		
	mo	inths of	months of		
	<u>October</u>	<u>through May</u>	June through Septembe		
Rate		Charges		Charges	
<u>Schedule</u>	<u>Charges</u>	Including SUT	<u>Charges</u>	Including SUT	
RS – first 600 kWh	\$0.118229	\$0.126062	\$0.118204	\$0.126035	
RS - in excess of 600 kWh	0.118229	0.126062	0.127300	0.135734	
RHS - first 600 kWh	0.093260	0.099438	0.088655	0.094528	
RHS - in excess of 600 kWh	0.093260	0.099438	0.100817	0.107496	
RLM On-Peak	0.207481	0.221227	0.220308	0.234903	
RLM Off-Peak	0.058669	0.062556	0.053580	0.057130	
WH	0.049065	0.052316	0.046813	0.049914	
WHS	0.049245	0.052507	0.046520	0.049602	
HS	0.101578	0.108308	0.103500	0.110357	
BPL	0.046908	0.050016	0.041926	0.044704	
BPL-POF	0.046908	0.050016	0.041926	0.044704	
PSAL	0.046908	0.050016	0.041926	0.044704	

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

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

Date of Issue:

Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

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

XXX Revised Sheet No. 79 Superseding XXX Revised Sheet No. 79

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

(Continued)

BGS CAPACITY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September	
Charge applicable in the months of October through May Charge including New Jersey Sales and Use Tax (SUT)	

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	\$104,709.15 per MW per year
EL05-121	0.00.000.04
PJM Seams Elimination Cost Assignment Charges	\$ 0.00 per MW per month
PJM Reliability Must Run Charge	\$ 2.82 per MW per month
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company	\$ 46.80 per MW per month
Virginia Electric and Power Company	\$ 43.35 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	(\$18.29) per MVV per month
PPL Electric Utilities Corporation	\$ 218.59 per MW per month
American Electric Power Service Corporation	\$ 19.61 per MW per month
Atlantic City Electric Company Delmarva Power and Light Company	\$ 0.16 per MW/ per month
Potomac Electric Power Company	\$ 3.24 ner MW/ ner month
Baltimore Gas and Electric Company	\$ 3.61 per MW per month
Jersey Central Power and Light	\$ 68.84 per MW per month
Mid Atlantic Interstate Transmission	\$ 7.60 per MW per month
PECO Energy Company	\$ 20.34 per MW per month
	·
Above rates converted to a charge per kW of Transmission	*10.0010
Obligation, applicable in all months	\$10.8242
Charge including New Jersey Sales and Use Tax (SUT)	\$11.5413

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

Date of Issue:

Effective:

Issued by SCOTT S. JENNINGS, Vice President Finance – PSE&G 80 Park Plaza, Newark, New Jersey 07102 Filed pursuant to Order of Board of Public Utilities dated in Docket No.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY B.P.U.N.J. No. 16 ELECTRIC

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

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

BGS TRANSMISSION CHARGES

Charges per kilowatt of Transmission Obligation:
Currently effective Annual Transmission Rate for
Network Integration Transmission Service for the
Public Service Transmission Zone as derived from the
FERC Electric Tariff of the PJM Interconnection, LLC\$104,709.15 per MW per year
EL05-121\$ 20,069.91 per MW per year
PJM Seams Elimination Cost Assignment Charges\$ 0.00 per MW per month
PJM Reliability Must Run Charge\$ 2.82 per MW per month
PJM Transmission Enhancements
Trans-Allegheny Interstate Line Company \$ 46.80 per MW per month
Virginia Electric and Power Company\$ 43.35 per MW per month
Potomac-Appalachian Transmission Highline L.L.C(\$18.29) per MW per month
PPL Electric Utilities Corporation
American Electric Power Service Corporation
Atlantic City Electric Company
Delmarva Power and Light Company\$ 0.16 per MW per month
Potomac Electric Power Company
Baltimore Gas and Electric Company\$ 3.61 per MW per month
Jersey Central Power and Light
Mid Atlantic Interstate Transmission
PECO Energy Company\$ 20.34 per MW per month
and the second s
Above rates converted to a charge per kW of Transmission
Obligation, applicable in all months\$10.8242
Charge including New Jersey Sales and Use Tax (SUT)\$11.5413

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

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

Date of Issue:

Effective:

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

Network Integration Service Calculation - BGS-RSCP Revised NITS Charges for January 2019 - December 2019

			Effective	e 1/1/	<u> 19 - 12/31/19</u>					
	PSE&G Annual Transmission Service Revenue Requirement		194,757,706,63							
	7		406,007,984.00)							
			256,069,586,85							
		\$ 1,	044,819,309.48							
	PSE&G Zonal Transmission Load for Effective Yr. (MW)		9,978,30							
	Term (Months)	_	12							
	OATT rate	\$	8,725,76 /MW/mo	onth		all v	ratues show	wo NJ SUT		
	ALDER ALDER	_	40.4.700 AF (BBAIL)		I 40 D 40 HITD 0					
	converted to \$/MW/yr =	3	104,709.15 /MW/yr		Jan 19 - Dec 19 NITS C 2015 - 2017 Weighted			\$ 72.688.29 \$	00 546 44 6	03.000.00
		\$	82,474.75 /MW/yr 93,399.52 /MW/yr		2016 - 2018 Weighted A			\$ 82,516.44 \$		
	•	*	53,355.32 (MYVIY)		ZU10- ZU16 Weighted A	(verage or:		\$ 62,510.44 \$	92,565.05 \$	104,709.10
		\$	88.847.53 /MW/vr		Jan 18 - Dec 18 Weigh	ted Average	4			
	Resulting Increase in Transmission Rate	\$	15,861,62 /MW/Vr				_			
	Trouble in Transcription	•								
	Resulting Increase in Transmission Rate	\$	1,321,80 /MW/ma	onth						
	-		·							
	,		RS RH	S	RLM W	H	WHS	HS	PSAL	BPL
	Trans Obl - MW		3,750.5	21.7		0.0	0.0		0.0	0,0
	Total Annual Energy - MWh		12,175,045.4 114,	,167.8	209,061.6	1,060.0	19.0	12,369,0	155,848.0	295,094.0
	Ohanna in annual abana									
	Change in energy charge in \$/MWh	•	4,8861 \$ 3.	.0148	\$ 5,4475 \$			\$ 3,5906 \$		
	• •	\$ \$	0.004886 \$ 0.00			- ş	•	\$ 0.003591 \$		· ·
	iii şəkvin + idanded to o piaces	4	0.004000 \$ 0.00	730 I O	\$ 0,000446 \$ +	*	-	\$ 0.003031 \$	- •	•
Line#										
1	Total BGS-RSCP Trans Obl		6,539.3 MW					= sum of BGS-RS	CP eligible Trai	ns Obl adjusted for migration
2	Total BGS-RSCP energy @ cust		24,078,111 MWh							n @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes		25,878,575 MWh		unrounded			= (2) * loss expans	sion factor to tra	ens node
										·
4		\$	103,723,874		unrounded				rate * Total Bo	GS-RSCP eligible Trans Obl adjusted for migration
5	and a minimum and a september of the second and a second	\$	4.0081 /MWh		unrounded			= (4) / (3)		
6	Change in Average Supplier Payment Rate	\$	4.01 /MWh		rounded to 2 decimal pla	aces		= (5) rounded to 2	decimal places	5
7	December of Takel Constitut Daymans	•	400 770 007					- (0) + (0)		
8	· · · · · · · · · · · · · · · · · · ·	\$ \$	103,773,087 49,213		unrounded unrounded			= (6) * (3)		
B	Difference due to rounding	φ	49,213		uniounideo			= (7) - (4)		

Attachment 3 – JCP&L Tariffs and Rate Translation

Revised Attachment 3a Pro-forma JCP&L Tariff Sheets

Revised
Attachment 3c

JCP&L Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised Attachment 3a Pro-forma JCP&L Tariff Sheets

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

XX Rev. Sheet No. 36 Superseding XX Rev. Sheet No. 36

Rider BGS-RSCP

Basic Generation Service – Residential Small Commercial Pricing (Applicable to Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED)

2) BGS Transmission Charge per KWH: As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED. Effective September 1, 2017, a RMR (BL England) surcharge of **\$0.000131** 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 January 1, 2018, a RMR (Yorktown) surcharge of **\$0.000011** 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 **December 1, 2018**, 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 \$0.000211 per KWH Delmarva-TEC surcharge of \$0.000001 per KWH ACE-TEC surcharge of \$0.000097 per KWH PEPCO-TEC surcharge of \$0.000014 per KWH PPL-TEC surcharge of \$0.000808 per KWH BG&E-TEC surcharge of \$0.000016 per KWH PECO-TEC surcharge of \$0.000064 per KWH EL05-121-TEC surcharge of \$0.005884 per KWH

Effective January 1, 2019, 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 \$0.002074 per KWH VEPCO-TEC surcharge of \$0.000186 per KWH PATH-TEC surcharge of \$0.000016 per KWH AEP-East-TEC surcharge of \$0.000082 per KWH MAIT-TEC surcharge of \$0.000069 per KWH

3) BGS Reconciliation Charge per KWH: \$0.000371 (includes Sales and Use Tax as provided in Rider SUT)

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

ssued:	Effective:

Superseding XXth Rev. Sheet No. 38

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 **December 1, 2018**, 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:

GS and GST GP GT GT – High Tension Service	TRAILCO-TEC \$0.000211 \$0.000141 \$0.000128 \$0.000032	Delmarva-TEC \$0.000001 \$0.000000 \$0.000000 \$0.000000	ACE-TEC \$0.000097 \$0.000065 \$0.000059 \$0.000015
GS and GST GP GT GT – High Tension Service	PEPCO-TEC \$0.00014 \$0.000010 \$0.000009 \$0.000002	PPL-TEC \$0.000808 \$0.000540 \$0.000492 \$0.000122	BG&E-TEC \$0.000016 \$0.000011 \$0.000010 \$0.000002
GS and GST GP GT GT – High Tension Service	PECO-TEC \$0.000064 \$0.000043 \$0.000039 \$0.000010	EL05-121-TEC \$0.005884 \$0.003926 \$0.003577 \$0.000883	

Effective January 1, 2019, 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	VEPCO-TEC	PATH-TEC
GS and GST	\$0.002074	\$0.000186	\$0.000016
GP	\$0.001367	\$0.000123	\$0.000011
GT	\$0.001261	\$0.000113	\$0.000010
GT – High Tension Service	\$0.000305	\$0.000028	\$0.000002
	AEP-East-TEC	MAIT-TEC	
GS and GST	\$0.000082	\$0.000069	
GP	\$0.000054	\$0.000046	
GT	\$0.000050	\$0.000043	
GT - High Tension Service	\$0.000012	\$0.000011	

4) BGS Reconciliation Charge per KWH: \$0.000973 (includes Sales and Use Tax as provided in Rider SUT)

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

lecuadi	Effective:

Revised Attachment 3c JCP&L Translation of PSE&G Schedule 12 (Transmission Enhancement) Charges into Customer Rates

Attachment 3c - (Revised)

Jersey Central Power & Light Company

Proposed PSEG Project Transmission Enhancement Charge (PSEG-TEC Surcharge) effective January 1, 2019
To reflect FERC-approved PSEG Project Transmission Enhancement Charge (Schedule 12 PJM OATT) for January - December 2019

2019 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone \$ 3,121,483.59 (1) 2019 JCP&L Zone Transmission Peak Load (MW) 5,976.5 PSEG-Transmission Enhancement Rate (\$/MW-month) \$ 522.29

Effective January 1, 2019:

	Transmission				PSEG-TEC
	Obligation	Allocated Cost	BGS Eligible Sales	PSEG-TEC	Surcharge w/
BGS by Voltage Level	(MW)	Recovery (\$) (2)	(kWh) (3)	Surcharge (\$/kWh)	SUT(\$/kWh)
Secondary (excluding lighting)	5150.8	32,282,831	16,598,859,593	\$ 0.001945	\$ 0.002074
Primary	363.8	2,279,842	1,778,349,586	\$ 0.001282	\$ 0.001367
Transmission @ 34.5 kV	306.3	1,920,039	1,623,279,272	\$ 0.001183	\$ 0.001261
Transmission @ 230 kV	16.2	101,399	354,495,253	\$ 0.000286	\$ 0.000305
Total	5837.1	36,584,111	20.354.983.704		

- (1) Cost Allocation of PSEG Project Schedule 12 Charges to JCP&L Zone for 2019
- (2) Based on 12 months PSEG Project costs from January through December 2019
- (3) January 2019 through December 2019

BGS-RSCP Supplier Payment Adjustment

Line	No		
1	BGS-RSCP Eligible Sales January through December @ Customer	15,493,967	MWH
2	BGS-RSCP Eligible Sales January through December @ Transmission Node	17,191,398	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,694	MW
4	PSEG-Transmission Enhancement Costs to RSCP Suppliers	\$ 29,419,715	Line 3 x \$522.29 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 1.71	= Line 4 / Line 2

Attachment 4 – ACE Tariffs and Rate Translation

Revised Attachment 4a Pro-forma ACE Tariff Sheets

Revised
Attachment 4b
ACE Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised Attachment 4a Pro-forma ACE Tariff Sheets

RIDER (BGS) continued Basic Generation Service (BGS)

CIEP Standby Fee

\$0.000160 per kWh

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

Transmission Enhancement Charge

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

Data Class

	Rate Class									
	RS	MGS Secondary	<u>MGS</u> <u>Primary</u>	AGS Secondary	<u>AGS</u> <u>Primary</u>	TGS	SPL/ CSL	DDC		
VEPCo	0.000203	0.000168	0.000166	0.000116	0.000095	0.000084	-	0.000081		
TrAILCo	0.000276	0.000230	0.000228	0.000159	0.000129	0.000116	-	0.000111		
PSE&G	0.000417	0.000345	0.000342	0.000239	0.000195	0.000174	-	0.000166		
PATH	(0.000094)	(0.000079)	(0.000078)	(0.000054)	(0.000044)	(0.000039)	-	(0.000037)		
PPL	0.000112	0.000093	0.000092	0.000064	0.000052	0.000047	-	0.000045		
PECO	0.000197	0.000164	0.000162	0.000113	0.000093	0.000082	-	0.000079		
Pepco	0.000020	0.000017	0.000017	0.000012	0.000010	0.000009	-	0.000009		
MAIT	0.000030	0.000026	0.000025	0.000017	0.000014	0.000013	-	0.000012		
JCP&L	0.000003	0.000002	0.000002	0.000002	0.000001	0.000001	-	0.000001		
EL05-121	(0.000814)	(0.000677)	(0.000671)	(0.000468)	(0.000381)	(0.000340)		(0.000326)		
Delmarva	0.000001	0.000001	0.000001	-	-	-	-	-		
BG&E	0.000039	0.000033	0.000032	0.000022	0.000018	0.000016	-	0.000016		
AEP - East	0.000070	0.000059	0.000058	0.000041	0.000033	0.000030	-	0.000028		
Total	0.000460	0.000382	0.000376	0.000263	0.000215	0.000193	_	0.000185		

Date	of	lssue:
Date	OI.	ıssuc.

Effective Date:

Issued by:

Revised Attachment 4b ACE Translation of PSE&G Schedule 12 (Transmission Enhancement) Charges into Customer Rates

Atlantic City Electric Company

Proposed PSE&G Projects Transmission Enhancement Charge (PSE&G-TEC Surcharge) effective January 1, 2019
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2019

Transmission Enhancement Costs Allocated to ACE Zone (2019)	\$ 237,393
	\$ 237,393
2019 ACE Zone Transmission Peak Load (MW)	2,591
Transmission Enhancement Rate (\$/MW)	\$ 91.61

	Col. 1 Transmission	Col. 2	Col. 3	Col.	4 = Col. 2/Col. 3 Transmission	Col	$5 = \text{Col. } 4 \times 1/(1-\text{Effective Rate})$	Col	. 6 = Col. 5 x 1,06625 Transmission
	Obligation	Allocated Cost	BGS Eligible Sales June		Enhancement	Transi	nission Enhancement Charge w/	Ent	nancement Charge w/
Rate Class	(MW)	 Recovery	2018 - May 2019 (kWh)		Charge (\$/kWh)		BPU Assessment (\$/kWh)		SUT (\$/kWh)
RS	1,439	\$ 1,582,419	4,059,095,046	\$	0,000390	\$	0.000391	\$	0.000417
MGS Secondary	357	\$ 392,004	1,208,290,228	\$	0.000324	\$	0,000324	\$	0.000345
MGS Primary	9	\$ 9,662	30,079,842	\$	0.000321	\$	0.000321	\$	0.000342
AGS Secondary	382	\$ 419,511	1,873,810,489	\$	0.000224	\$	0.000224	\$	0.000239
AGS Primary	96	\$ 105,334	576,381,592	\$	0.000183	\$	0.000183	\$	0.000195
TGS	132	\$ 145,014	888,340,177	\$	0.000163	\$	0.000163	\$	0.000174
SPL/CSL	0	\$ -	69,443,692	\$	-	\$	-	\$	-
DDC	2	\$ 2,042	13,058,581	\$	0.000156	\$	0.000156	\$	0.000166
	2,416	\$ 2,655,986	8,718,499,648						

Attachment 5 – RECO Tariffs and Rate Translation

Revised Attachment 5a Pro-forma RECO Tariff Sheets

Revised
Attachment 5b
RECO Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised Attachment 5a Pro-forma RECO Tariff Sheets

DRAFT

Revised Leaf No. 83 Superseding Leaf No. 83

SERVICE CLASSIFICATION NO. 1 RESIDENTIAL SERVICE (Continued)

RATE - MONTHLY (Continued)

(3) <u>Transmission Charges</u>

(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@	1.583 ¢ per k W h	1.583 ¢ per kWh
Generation Service from th	ne Company and includes	surcharges related to Reliability
All kWh@	1.830 ¢ per kWh	1.830 ¢ per kWh
	Transmission Surcharge — Generation Service from the Must Run, EL05-121 Settle	All kWh

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

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

(Continued)

^{*} Definition of Summer Billing Months - June through September

DRAFT

Revised Leaf No. 9(Superseding 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@	1.111 ¢ per kWh	1.111 ¢ per kWh
Primary Voltage Service Only All kWh@	1.109 ¢ per kWh	1.109 ¢ per kWh

(4) <u>Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization</u> <u>Surcharges, and Temporary Tax Act Credit</u>

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

^{*} Definition of Summer Billing Months - June through September

Revised Leaf No. 96 Superseding Leaf No. 96

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

RATE - MONTHLY (Continued)

(3) <u>Transmission Charc</u>	<u>le</u>
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(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
	<u>Peak</u> All kWh measured between 10 a.m. and 10:00 p.m., Monday	:00	
	through Friday@	1.583 ¢ per kWh	1.583 ¢ per kWh
	Off-Peak All other kWh@	1.583 ¢ per kWh	1.583 ¢ per kWh
(b)	Transmission Surcharge – This Generation Service from the C Must Run, EL05-121 Settlemen	ompany and includes	surcharges related to Reliability
	All kWh@	1.137 ¢ per kWh	1.137 ¢ per kWh
Societ	al Benefits Charge, Regional Gre	enhouse Gas Initiati	ve Surcharge, Securitization

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization Charges, and Temporary Tax Act Credit

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

^{*} Definition of Summer Billing Months - June through September

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		1	7
Revised	Leaf No.	10€)
Superseding	Leaf No.	109	()

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

RAT	ΓE -	MON	THLY	(Cont	inued)
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(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	
	All kWh @	1.583 ¢ per kWh	1.583 ¢ per kWh	
(b)	Generation Service from t	- This charge is applicable t he Company and includes s ement and Transmission Er	urcharges related to Relial	
	All kWh @	1.154 ¢ per kWh	1.154 ¢ per kWh	
0!-	tal Danastia Obanaa Danian	al Casanhayaa Cas Initiatiya	Comphanna Consultination	

Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, Securitization (4) Charges, and Temporary Tax Act Credit

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

^{*} Definition of Summer Billing Months - June through September

Revised Leaf No. 124 Superseding Leaf No. 124

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

RATE- MONTHLY (Continued)

(a)

(3) <u>Transmission Charges</u> (Continued)

(Continued)			
		Primary	High Voltage <u>Distribution</u>
Demand Char	<u>ge</u>		
Period I	All kW @	\$2.55 per kW	\$2.55 per kW
Period II	All kW @	0.67 per kW	0.67 per kW
Period III	All kW @	2.55 per kW	2.55 per kW
Period IV	All kW@	0.67 per kW	0.67 per kW
Usage Charge	<u> </u>		
Period I	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period II	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period III	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period IV	All kWh @	0.421 ¢ per kWh	0.421 ¢ 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 @	0.656 ¢ per kWh	0.656 ¢ per kWh

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

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

Revised Attachment 5a * Page 6 of 6

Revised Leaf No. 127 Superseding 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 2.883 ¢ per kWh during the billing months of October through May and 4.662 ¢ per kWh during the summer billing months, a Transmission Charge of 0.421 ¢ per kWh and a Transmission Surcharge of 0.656 ¢ 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.

Revised Attachment 5b RECO Translation of PSE&G Schedule 12 (Transmission Enhancement) Charges into Customer Rates

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2019. To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2019 to December 2019.

2019 Average Monthly PSE&G-TEC Costs Allocated to RECO	\$ 815,746 ((1)
2018 RECO Zone Transmission Peak Load (MW)	445.8 ((2)
Transmission Enhancement Rate (\$/MW-month)	\$ 1,829.90	
SUT	6.625%	

	Col. 1	Col. 2	Col.	3=Col.2 x \$815,746 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 Jan 2019 - Dec 2019 (kWh)	Transmission Enhancement Charge (\$/kWh)	Enh	Transmission nancement Charge w/ SUT (\$/kWh)
SC1	268.6	60.25%	\$	5,897,422	675,067,000	\$ 0.00874	\$	0.00932
SC2 Secondary	124.9	28.02%	\$	2,743,272	516,156,000	\$ 0.00531	\$	0.00566
SC2 Primary	15.7	3.52%	\$	344,394	66,836,000	\$ 0.00515	\$	0.00549
SC3	0.1	0.02%	\$	1,548	302,000	\$ 0.00513	\$	0.00547
SC4	0.0	0.00%	\$	-	6,334,000	\$ _	\$	-
SC5	3.6	0.81%	\$	79,423	14,493,000	\$ 0.00548	\$	0.00584
SC6	0.0	0.00%	\$		5,552,000	\$ -	\$	-
SC7	<u>32.9</u>	7.38%	\$	722,889	235,896,000	\$ 0.00306	\$	0.00326
Total	445.8 (2)	100.00%	\$	9,788,948	1,520,636,000			

- (1) Attachment 6a Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for the period January 2019 to December 2019.
- (2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.

1	BGS-RSCP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,235,896	MWH
2	BGS-RSCP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,150,504	MWH
3	BGS-RSCP Eligible Transmission Obligation	413	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 9,073,819.64	= Line 3 x \$1829.9 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 7.89	= Line 4/Line 2

Rockland Electric Company

Calculation of Transmission Surcharges reflecting proposed changes effective January 1, 2019

To reflect: RMR Costs

FERC-approved ACE 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 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) currently in RECO's rates FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates FERC-approved WEPCo 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 PECO 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 PECO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates

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

Transmission									
Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00001	\$0.00001	\$0.00001	\$0.00001	\$0.00001	\$0.00001	\$0,00001	\$0.00001
ACE - TEC	(2)	0.00003	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00009	0,00006	0.00006	0,00006	0.00000	0.00006	0.00000	0.00003
BG&E- TEC	(4)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0,00000	000000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00001	0.00001	0.00001	0.00001	0.00000	0.00001	0.00000	0.00000
PEPCO - TEC	(7)	0.00001	0,00001	0.00001	0,00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00090	0.00054	0.00056	0.00059	0.00000	0,00057	000000	0.00033
PSE&G - TEC	(9)	0.00874	0.00531	0.00515	0,00513	0.00000	0.00548	0.00000	0.00306
TrAILCo - TEC	(10)	0.00019	0.00012	0.00012	0.00013	0.00000	0.00012	000000	0.00007
VEPCo - TEC	(11)	0.00021	0.00013	0.00012	0.00012	0.00000	0.00013	0.00000	0.00007
MAIT -TEC	(12)	0.00006	0.00004	0.00004	0.00004	0.00000	0.00004	000000	0.00002
JCP&L-TEC	(13)	0.00030	0.00019	0.00018	0.00018	0.00000	0.00019	0.00000	0.00011
PECO -TEC	(14)	80000.0	0.00005	0.00005	0.00005	0.00000	0.00005	0.00000	0.00003
EL05-121	(15)	0.00653	0.00393	0.00407	0.00431	0.00000	0.00414	0.00000	0.00242
Total (\$/kWh and excl SUT)		\$0.01717	\$0.01043	\$0.01041	\$0.01067	\$0.00001	\$0.01084	\$0.00001	\$0.00617
Total (¢/kWh and excl SUT)		1.717¢	1.043¢	1.041 ¢	1.067 ¢	0.001¢	1,084 ¢	0.001¢	0.617¢

(B) Transmission Surcharge rates by Transmission Project and Service Class (Including SUT)

6.625%

Transmission									
Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00001	\$0,00001	\$0,00001	\$0,00001	\$0.00001	\$0.00001	\$0.00001	\$0.00001
ACE - TEC	(2)	0.00003	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0,00010	0,00006	0.00006	900006	0.00000	0.00006	0.00000	0.00003
BG&E- TEC	(4)	0.00001	0.00001	0.00001	0.00001	0.00000	0,00001	0,00000	0.00001
Delmarva - TEC	(5)	0,00000	0.00000	0,00000	000000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	0.00001	0.00001	0.00001	0.00001	0.00000	0,00001	0.00000	0.00000
PEPCO - TEC	(7)	0,00001	0.00001	0,00001	0.00001	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00096	0.00058	0.00060	0.00063	0.00000	0,00061	0.00000	0,00035
PSE&G - TEC	(9)	0.00932	0.00566	0.00549	0.00547	0.00000	0.00584	0.00000	0.00326
TrAILCo - TEC	(10)	0.00020	0.00013	0.00013	0.00014	0.00000	0.00013	0.00000	0.00007
VEPCo - TEC	(11)	0.00022	0.00014	0.00013	0.00013	0.00000	0.00014	0.00000	0.00007
MAIT -TEC	(12)	0.00006	0.00004	0.00004	0.00004	0.00000	0.00004	0.00000	0.00002
JCP&L-TEC	(13)	0,00032	0,00020	0,00019	0.00019	0.00000	0.00020	0.00000	0.00012
PECO -TEC	(14)	0.00009	0.00005	0.00005	0.00005	0,00000	0.00005	0.00000	0.00003
EL05-121	(15)	0,00696	0.00419	0.00434	0,00460	0.00000	0.00441	0.00000	0.00258
Total (\$/kWh and incl SUT)		\$0.01830	\$0.01111	\$0,01109	\$0.01137	\$0.00001	\$0.01154	\$0.00001	\$0.00656
Total (¢/kWh and inc) SUT)		1.830¢	1.111 ¢	1.109¢	1.137¢	0.001¢	1.154 ¢	0.001 ¢	0.656¢

Notes:

- (1) RMR rates based on allocations by transmission zone.
- (2) ACE-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (3) AEP-East-TEC rates pursuant to the Board's Order dated January 17, 2019 in Docket No. ER18121290.
- (4) BG&E-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
 (5) Delmarva-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (6) PATH-TEC rates pursuant to the Board's Order dated January 17, 2019 in Docket No. ER18121290.
- (7) PEPCO-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (8) PPL-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (9) PSE&G-TEC rates calculated in Attachment 5 of the joint filing.
- (10) TrAILCo-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (11) VEPCo-TEC rates pursuant to the Board's Order dated January 17, 2019 in Docket No. ER18121290.
- (11) MAIT-TEC rates pursuant to the Board's Order dated January 17, 2019 in Docket No. ER18121290.
- (13) JCP&L-TEC rates pursuant to the Board's Order dated January 17, 2019 in Docket No. ER18121290.
- (14) PECO-TEC rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.
- (15) EL05-121 rates pursuant to the Board's Order dated November 19, 2018 in Docket No. ER18091061.

$\begin{array}{c} \textbf{Attachment 6a-PJM Schedule 12 (Transmission Enhancement)} \\ \textbf{Charges} \end{array}$

Revised
Attachment 6a
PSE&G Project Charges

Revised Imment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2019 - De Calculation or costs and monthly PJM charges for PSE&G Projects

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				Respons	ible Customers	- Schedule 12 Apper	ndix	Esti	mated New Jer	sey EDC Zone	Charges by Pro	piect
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	A	Jan - Dec 2019 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
Replace all derated Branchburg		T										
500/230 kava transformers	b0130	\$	1,660,782.00	1.36%	47.76%	50.88%	0.00%	\$22,587	\$793,189	\$845,006	\$0	\$1,660,782
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$	676,301.00	0.00%	51.11%	45.96%	2.93%	\$ 0	\$345,657	\$310,828	\$19,816	\$676,301
Build new Essex - Aldene 230 kV		1										
cable connected through phase		١.			WA 150/	0.4 2004	4 22204				****	
angle regulator at Essex Install 230-138kV transformer at	b0145	\$	7,232,235.00	0.00%	73.45%	21.78%	4.77%	\$0	\$5,312,077	\$1,575,181	\$344,978	\$7,232,235
Metuchen substation	b0161	s	2,225,851.00	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$2,221,399	\$4,452	\$2,225,851
Build a new 230 kV section from	וסופט	13	2,225,651.00	0.00%	0.00%	99.00%	0.20%	φU	φu	\$2,221,399	\$4, 4 52	\$2,225,651
Branchburg - Flagtown and move		1										
the Flagtown - Somerville 230 kV		1										
circuit to the new section	b0169	\$	1,373,629,00	1.76%	26,50%	60.89%	0.00%	\$24,176	\$364,012	\$836,403	\$0	\$1,224,590
Reconductor the Flagtown-	34.12	 	.,,			20.007.0	0,0070	4-1,111	7.5.7,5.1.		***	V 1,22 1,000
Somerville-Bridgewater 230 kV	İ	1										
circuit with 1590 ACSS	b0170	l s	600,707.00	0,00%	42.95%	38.36%	0.79%	\$D	\$258,004	\$230,431	\$4,746	\$493,180
Replace wave trap at Branchburg									,	• •	•	
500kV substation	b0172.2	\$	1,180.00	1 .61%	3.71%	6.19%	0.26%	\$19	\$44	\$73	\$3	\$139
Replace wave trap at Branchburg		T										
500kV substation	b0172.2_dfax	\$	1,180.00	3.72%	26.83%	52.82%	2.16%	\$44	\$317	\$623	\$25	\$1,009
Replace both 230/138 kV	-	1										
transformers at Roseland	b0274	\$	-	0.00%	0.00%	100,00%	0.00%	\$D	\$0	\$0	\$0	\$0
Branchburg 400 MVAR Capacitor	b0290	\$	3,381,011.00	1.61%	3.71%	6.19%	0.26%	\$54,434	\$125,436	\$209,285	\$8,791	\$397,945
Branchburg 400 MVAR Capacitor	b0290_dfax	\$	3,381,011.00	3.72%	26.83%	52,82%	2,16%	\$125,774	\$907,125	\$1,785,850	\$73,030	\$2,891,779
Inst Conemaugh 250 MVAR Cap	b0376	\$	131,366.00	1.61%	3,71%	6.19%	0.26%	\$2,115	\$4,874	\$8,132	\$342	\$15,462
Inst Conemaugh 250 MVAR Cap	b0376_dfax	\$	131,366.00	0.00%	32.79%	0.00%	0.00%	\$D	\$43,075	\$0	\$0	\$43,075
Install 4th 500/230 kV transformer		1										
at New Freedom	b0411	\$	1,838,012.00	47.01%	7.04%	22.31%	0,00%	\$864,049	\$129,396	\$410,060	\$0	\$1,403,506
Saddle Brook - Athenia Upgrade		1										
Cable	b0472	\$	1,342,882.00	0.00%	0.00%	96.40%	3.60%	\$0	\$0	\$1,294,538	\$48,344	\$1,342,882
Build new 500 kV transmission		1										
facilities from Pennsylvania - New			,									
Jersey border at Bushkill to		1										
Roseland (500kV and above		١.								** *** ***	***	* * * * * * * * * * * * * * * * * * * *
elements of the project)	b0489	\$	37,359,966.50	1.61%	3,71%	6.19%	0.26%	\$601,495	\$1,386,055	\$2,312,582	\$97,136	\$4,397,268
Build new 500 kV transmission										-		
facilities from Pennsylvania - New												
Jersey border at Bushkill to		1	1									
Roseland (500kV and above						FO 6001	0.0704	••	040 440 440	004 000 000	0000 101	**** *** ***
elements of the project)	b0489_dfax	\$	37,359,966.50	0.00%	35.98%	58.08%	2.37%	\$0	\$13,442,116	\$21,698,669	\$885,431	\$36,026,216
B 714		1	I									
Build new 500 kV transmission			1									
facilities from Pennsylvania - New												
Jersey border at Bushkill to		1										
Roseland (Below 500 kV elements	b0400.4		4 454 350 00	5 140/	33.04%	41.10%	1.53%	\$213,375	\$1,371,576	\$1,706,167	\$63,514	\$3,354,632
of the project) (In Service)	b0489.4	\$	4,151,259.00	5.14%	33,04%	41,10%	1.53%	\$210,010	φ1,3/1,3/Β	\$1,700,107	φ03 ₁ 314	φυ ₁ υυ4,0υ2
Susquehanna Roseland Breakers	60400 E	\$	283,217.00	1.61%	3.71%	6.19%	0.26%	\$4,560	\$10,507	\$17,531	\$736	\$33,335
(In-Service) Susguehanna Roseland Breakers	b0489.5	+3	203,217,00	1.01%	S.1 176	Ų, 1376	0.20%	₩,500	ψ1 0, 301	Ψ11,001	Ψ1 30	φυυισου
(In-Service)	b0489.5_dfax	s	283,217.00	0.00%	35.98%	58.08%	2.18%	\$0	\$101,901	\$164,492	\$6,174	\$272,568
Loop the 5021 circuit into New	DUTOU,U UIAX	+	200,211.00	V.0070	GD.3G /6	00.0070	۵. ۱۵/۵		4.01,001	₩.0·1,·10E	40,117	421 21000
Freedom 500 kV substation	b0498	\$	1,165,543,00	1.61%	3.71%	6.19%	0.26%	\$18,765	\$43,242	\$72,147	\$3,030	\$137,184
1 ICCOUNT OUR KA SUBSIGIUM	1 10450	1 4	1,100,070,00	1.01/0	0.7 170	0.1070	0.2070	410,100	4201747	~ ; ~ ; 1 − 3 1	40,000	4 .01 (104

(b) (c) (d) (e) (f) (g) (h) (i) Responsible Customers - Schedule 12 Appendix Estimated New Jersey EDC Zone Charges by Project Jan - Dec 2019 PSE&G Required ACE JCP&L 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 website per PJM spreadsheet per PJM Open Access Transmission Tariff Loop the 5021 circuit into New Freedom 500 kV substation b0498 dfax \$ 1,165,543.00 43.44% 8.35% 23.15% 1.77% \$97,323 \$269,823 \$506,312 \$20,630 \$894,088 Branchburg-Somerville-Flagtown Reconductor b0664-b0665 \$ 1,736,367.00 0.00% 36.35% 43.24% 1.61% \$631,169 \$750,805 \$0 \$27,956 \$1,409,930 Somerville -Bridgewater b0668 598,741.00 Reconductor 0.00% 39.41% 38.76% 1.45% \$0 \$235,964 \$232,072 \$8,682 \$476,718 Reconductor Hudson - South Waterfront 230kV circuit b0813 827,417.00 0.00% 9.92% 83,73% 3.12% \$0 \$82,080 \$692,796 \$25,815 \$800,691 New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie b0814 4,332,709.00 0.00% 23.49% 67.03% 2.50% \$0 \$1,017,753 \$2,904,215 \$108,318 \$4,030,286 Reconductor South Mahwah 345 kV J-3410 Circuit b1017 1,882,618.00 0.00% 29.27% 65.42% 2.55% \$0 \$551,042 \$1,231,609 \$48,007 \$1,830,658 Reconductor South Mahwah 345 kV K-3411 Circuit b1018 1.954,463,00 0.00% 29,44% 65.25% 2.55% \$0 \$575,394 \$1,275,287 \$49,839 \$1,900,520 West Orange Conversion (North Central Reliability) b1154 35,217,757,00 0.00% 0.00% 96.18% 3.82% \$0 \$33,872,439 \$1,345,318 \$35,217,757 \$0 3.64% Branchburg-Middlesex Sw Rack b1155 \$ 5,302,202,00 0.00% 4.61% 91,75% \$4,864,770 \$0 \$244,432 \$193,000 \$5,302,202 \$ Conversion b1156 34,244,174.00 0.00% 0.00% 3.82% \$0 96,18% \$0 \$32,936,047 \$1,308,127 \$34,244,174 Reconf Kearny Loop in P2216 b1589 \$ 2,311,429.00 0.00% 0.00% 77,16% 3.08% \$0 \$0 \$1,783,499 \$71,192 \$1,854,691 230kV Lawrence Switching Station b1228 0.00% 3.82% Upgrade 2,031,927.00 0.00% 96.18% \$0 \$77,620 \$2,031,927 \$0 \$1,954,307 Ridge Rd 69kV Breaker Station b1255 \$ 4,459,597.00 0.00% 0.00% 96.18% 3.82% \$0 \$0 \$4,289,240 \$170,357 \$4,459,597 Northeast Grid Reliability Project b1304.1-b1304.4 5 63,325,129.00 0.28% 1.43% 85.73% 3.40% \$177,310 \$54,288,633 \$57,524,547 \$905,549 \$2,153,054 Mickleton-Gloucester-Camden b1398-b1398.7 43,251,915.00 0.00% 13.03% 31.99% 1.27% \$0 \$5,635,725 \$13,836,288 \$549,299 \$20,021,311 \$ Aldene-Springfield Rd. Conv b1399 7,062,233,00 0.00% 0.00% 96.18% 3.82% \$0 \$ \$0 \$6,792,456 \$269,777 \$7,062,233 Replace Salem 500 kV breakers b1410-b1415 \$ 755,214,00 1,61% 3,71% 6.19% 0.26% \$12,159 \$28,018 \$46,748 \$1,964 \$88.889 Replace Salem 500 kV breakers \$ 755.214.00 3.87% b1410-b1416 dfax 0.00% 0.00% 96.13% SD \$0 \$725,987 \$29,227 \$755,214 Uprate Eagle Point-Gloucester 230 kV Circuit b1588 1.194.024.00 0.00% 10.48% 55.03% 2.19% \$0 \$125,134 \$657.071 \$26,149 \$808,354 Upgrade Camden Richmon 230kV \$ 1.106.078.00 b1590 0.00% 0.00% 0.00% 0.00% \$0 \$0 \$0 \$0 \$0 New Cox's Corner-Lumberton 230kV Circuit b1787 \$ 3,235,736.00 4.97% 44.34% 48.23% 1.93% \$160,816 \$1,434,725 \$1,560,595 \$62,450 \$3,218,587 Build Mickleton-Gloucester Corridor Ultimate Design b2139 \$ 1,946,706.00 0.00% 0,00% 61.11% 2.44% \$0 \$0 \$1,189,632 \$47,500 \$1,237,132 \$ Reconfigure Brunswick New 69kV b2146 17,908,278.00 0.00% 96.16% 3.84% \$17,220,600 \$687,678 \$17,908,278 0.00% \$0 \$0 Convert Bergen Marion 138 kV to double circuit 345kV and Sub b2436.10_dfax \$ 8,924,523.00 0.00% 0.00% 100.00% 0.00% \$0 50 \$8,924,523 50 \$8,924,523 Convert Bergen Marion 138 kV to double circuit 345kV and Sub \$ b2436,10 8,924,523,00 1.61% 3.71% 6.19% 0.26% \$143,685 \$331,100 \$552,428 \$23,204 \$1,050,416 Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and anv associated substation upgrades b2436.21 dfax 3,979,753.50 0.00% 0.00% 100.00% 0.00% \$0 \$0 \$3,979,754 \$0 \$3,979,754 Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any \$ associated substation upgrades b2436.21 3,979,753,50 1.61% 3 71% 6.19% 0.26% \$64,074 \$147,649 \$246,347 \$10,347 \$468,417 Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades b2436.22 dfax 2,309,676,00 0.00% 0.00% 100.00% 0.00% \$0 \$2,309,676 \$2,309,676 Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and anv associated substation upgrades b2436.22 \$ 2,309,676.00 1.61% 3.71% 6.19% 0.26% \$37,186 \$85,689 \$142,969 \$6,005 \$271,849 Revised hment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2019 - Diger 2010 Calculation of costs and monthly PJM charges for PSE&G Projects

Revised Att ent 6a

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					- Schedule 12 Apper			mated New Jerr			
Required		Jan - Dec 2019	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 i	PJM Open Acces	s Transmission Tariff						
Construct New Bayway-Bayonne											
345kV Circuit	b2436.33	\$ -	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct New North Ave-Bayonne											
345kV Circuit	b2436,34	\$ -	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct North Ave-Airport 345kV											
Circuit and Substation Upgrades	b2436.50	\$ -	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct a new Airport - Bayway											
345 kV circuit and any associated											
substation upgrades (CWIP)	b2436.70	\$ -	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Linden - North Ave "T" 138 kV			l								
circuit to Bayway, convert it to 345											
kV, and any associated substation	b2436.81_dfax	\$ 2,791,546.00	0.00%	0.00%	96.08%	3.92%	\$0	\$0	\$2,682,117	\$109,429	\$2,791,546
Linden - North Ave "T" 138 kV			1				, -	, -			
circuit to Bayway, convert it to 345	1		l								
kV, and any associated substation	b2436.81	\$ 2,791,546.00	1.61%	3.71%	6,19%	0,26%	\$44,944	\$103,566	\$172,797	\$7,258	\$328,565
	BE-TOOLO I	2,701,040.00	1.517	V., 170	0.1070	0,2370	A-1-10-1-	φ.00,000	Ψ112,701	ψ,,	Ψολο,σοσ
Convert the Bayway - Linden "Z"			İ								
138 kV circuit to 345 kV and any	10406 02 Henry	\$ 2,791,546,00	0.00%	0.00%	96.08%	3.92%	\$0	\$0	en con 447	6400 400	\$0 704 EAG
associated substation upgrades	b2436.83_dfax	\$ 2,791,546.00	0.00%	0.00%	96.08%	3.92%	\$0	20	\$2,682,117	\$109,429	\$2,791,546
Convert the Bayway - Linden "Z"											
138 kV circuit to 345 kV and any	50400.00		4.040/	0.740/	C 409/	0.000	644.044	£400 F00	きょうひ フロフ	67 050	6200 ECE
associated substation upgrades	b2436.83	\$ 2,791,546.00	1.61%	3.71%	6.19%	0,26%	\$44,944	\$103,566	\$172,797	\$7,258	\$328,565
Convert Bayway-Linden "W" to	h0400 04 des.	0 700 500 50	0.000/	0.000	00 0007	2 0204	\$0	40	en enn n47	#400 2E0	\$2,789,600
138kV circuit to 345kV	b2436,84_dfax	\$ 2,789,599,50	0,00%	0.00%	96.08%	3.92%	φu	\$0	\$2,680,247	\$109,352	\$2,769,0UU
Convert Bayway-Linden "W" to	b2436,84	\$ 2,789,599,50	1.61%	3.71%	6.19%	0.26%	\$44,913	\$103,494	\$172,676	\$7,253	\$328,336
138kV circuit to 345kV	02430,84	\$ 2,789,599.50	1.0176	3.7 170	0.1976	0.20%	\$ 44 ,913	\$103,454	\$172,070	Φ1,293	\$320,330
Convert Bayway-Linden "M" to	board of dear	\$ 2.858.981.00	0.00%	0.00%	96.08%	3.92%	\$0	\$0	\$2,746,909	\$112,072	\$2,858,981
138kV circuit to 345kV Convert Bayway-Linden "M" to	b2436.85_dfax	\$ 2,858,981.00	0.00%	0.00%	90.00%	3.9270	30	ΨU	\$2,740,909	\$112,012	φ Ζ, 000,901
138kV circuit to 345kV	b2436,85	\$ 2,858,981.00	1.61%	3.71%	6,19%	0.26%	\$46,030	\$106,068	\$176,971	\$7,433	\$336,502
Relocate Farragut - Hudson "B"	02430,65	\$ 2,030,501.00	1.0176	S.7 170	0,1376	0,2078	\$40,030	\$100,000	\$170,571	\$1,400	φυσυ,υυ2
and "C" 345 kV circuits to Marion											
345 kV and any associated											
substation upgrades	b2436,90 dfax	\$ 1,578,154.00	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$1,578,154	\$0	\$1,578,154
Relocate Farragut - Hudson "B"	DZ400,30 UIAA	μ 1,010,104.00	1 0.00%	U, UU / ()	100.0076	J.0078	,	Ψ	41,010,107	ψU	Ψ,,σ,σ, ω
and "C" 345 kV circuits to Marion											
345 kV and any associated											
substation upgrades	b2436.90	\$ 1,578,154.0D	1.61%	3.71%	6.19%	0.26%	\$25,408	\$58,550	\$97,688	\$4,103	\$185,749
New Bergen 345/230 kV	QZ-130.00	1,070,104,00	1 ''*	J.1 170	0.1070	J.2070	420,400	440,000	451,000	4-1,100	Ţ 100,1 40
transformer and any associated											
substation upgrades	b2437,10	\$ 2,943,541,00	0.00%	0.00%	96,08%	9,92%	\$0	\$0	\$2,828,154	\$291,999	\$3,120,153
New Bergen 345/138 kV	55.151.15		1 ".""		22.22,0	3,0270		+0	+,		+-1,1,
transformer #1 and any associated	, ·										
substation upgrades	b2437,11	s -	0,00%	0.00%	100.00%	0.00%	\$0	\$0	\$0	\$0	\$0
New Bayway 345/138 kV		-	1								**
transformer #1 and any associated											
substation upgrades	b2437.20	\$ 1,705,778.00	0.00%	0.00%	96.08%	3.92%	\$0	\$0	\$1,638,912	\$66,866	\$1,705,778
New Bayway 345/138 kV		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1				, -			•	
transformer #2 and any associated											
substation upgrades	b2437.21	\$ 1,705,407.00	0.00%	0.00%	96.08%	3.92%	\$D	\$0	\$1,638,555	\$66,852	\$1,705,407
New Linden 345/230 kV		i ,	1							•	
transformer and any associated											
substation upgrades	b2437,30	\$ 117,093.00	0.00%	0.00%	96.08%	3,92%	\$0	\$0	\$112,503	\$4,590	\$117,093
			•				-				

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(1)	(i)
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2019 Annual Revenue Requirement per PJM website	ACE Zone Share	JCP&L Zone Share	ers - Schedule 12 Appen PSE&G Zone Share1,2 cess Transmission Tariff	idix RE Zone Share	Estir ACE Zone Charges	nated New Jer JCP&L Zone Charges	sey EDC Zone PSE&G Zone Charges	Charges by Pro RE Zone Charges	oject Total NJ Zones Charges
Install two 175 MVAR Re at Hptcg Install two 175 MVAR Re at Hptcg Totals	b2702_dfax b2702	\$ 1,151,227.00 \$ 1,151,227.00 \$ 406,007,984.00	0.00% 1.61%	0.00% 3.71%	100.00% 6.19%	0.00% 0.26%		\$0 \$42,711 \$37,457,803	\$1,151,227 \$71,261 \$256,069,587	\$0 \$2,993 \$9,788,94 9	\$1,151,227 \$135,499 \$306,165,05 8
Notes on calculations >>>		(k)	(1)	(m)	(n)	(0)	= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) +
	Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2019	2019 Trans. Peak Load ²	Rate in \$/MW-mo. 1	2019 Impact (12 months)						
	PSE&G JCP&L ACE RE Total Impact on NJ	\$ 21,339,132.24 \$ 3,121,483.59 \$ 237,393.23 \$ 815,745.78	9,978.3 5,976.5 2,591.3 414.8	\$ 522.29 \$ 91.61	\$ 37,457,803 \$ 2,848,719						
Notes on calculations >>>	Zones	\$ 25,513,754.84	18,960.9	= (k) / (l)	\$ 306,165,058 = (k) *12						

 ¹⁾ Uncompressed rate - assumes implementation on January 1, 2019
 2) Data on PJM website

Notes:

Revised Attachment 7a – PSE&G OATT

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SCHEDULE 12 – APPENDIX

(12) Public Service Electric and Gas Company

Required T	ransmission Enhancements	Annual Revenue Requirem	ent 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 on		
	Branchburg - Flagtown		7070 (1001)
b0126	230 kV		PSEG (100%)
	Replace terminal		
	equipment to increase		
	Brunswick - Adams -		
1.0107	Bennetts Lane 230 kV to		DCEC (1000/)
b0127	conductor rating		PSEG (100%)
	Replace wavetrap on		
1.0100	Flagtown - Somerville 230 kV		DCEC (1000/)
b0129		-	PSEG (100%)
	Replace all derated		AEC (1.260/) / ICDI (47.760/) /
b0120	Branchburg 500/230 kV transformers		AEC (1.36%) / JCPL (47.76%) /
b0130	_		PSEG (50.88%)
	Upgrade or Retension PSEG portion of		
	Kittatinny – Newton 230		JCPL (51.11%) / PSEG
b0134	kVcircuit		(45.96%) / RE (2.93%)
00134	K v CHCuit		(43.2070) / INE (2.2370)

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.

Required	Transmission Enhancements	Annual 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%)
00110	Add 100MVAR capacitor		PSEG (100%)
	at West Orange 138kV		
b0157	substation		
***************************************	Close the Sunnymeade		PSEG (100%)
b0158	"C" and "F" bus tie		
	Make the Bayonne reactor		PSEG (100%)
b0159	permanent installation		
	Relocate the X-2250		PSEG (100%)
	circuit from Hudson 1-6		
b0160	bus to Hudson 7-12 bus		
	Install 230/138kV		PSEG (99.80%) / RE (0.20%)
	transformer at Metuchen		
b0161	substation		7070 (1000)
	Upgrade the Edison –		PSEG (100%)
10170	Meadow Rd 138kV "Q"		
b0162	circuit		DODG (100M)
	Upgrade the Edison –		PSEG (100%)
1.01.62	Meadow Rd 138kV "R"		
b0163	circuit Build a new 230 kV		
	Build a new 230 kV section from Branchburg		
	- Flagtown and move the		
b0169	Flagtown – Somerville		AEC (1.76%) / JCPL (26.50%)
	230 kV circuit to the new		/ Neptune* (10.85%) / PSEG
	section		(60.89%)
•	Reconductor the		
101=0	Flagtown-Somerville-		JCLP (42.95%) / Neptune*
b0170	Bridgewater 230 kV		(17.90%) / PSEG (38.36%) RE
	circuit with 1590 ACSS		(0.79%)

^{*} Neptune Regional Transmission System, LLC

Required'	Transmission Enhancements	Annual Revenue Requi	irement	Responsible Customer(s)
b0172.2	Replace wave trap at Branchburg 500kV substation		Load-R AEC (1. APS (5. BGI) (13.24 DEOK (13.17 JCPL (13.17 JCPL (5.34%) PEPCO (7.95EG) AEC (3. /NEPT)	Ratio Share Allocation: (61%) / AEP (14.10%) / (79%) / ATSI (7.95%) / E (4.11%) / ComEd %) / Dayton (2.07%) / (3.22%) / DL (1.73%) / (2.48%) / Dominion (%) / EKPC (2.13%) / (3.71%) / ME (1.88%) / (3.71%) / ME (1.88%) / (JNE* (0.42%) / PECO () / PENELEC (1.86%) / (3.98%) / PPL (4.76%) (6.19%) / RE (0.26%) (6.19%) / RE (0.26%) (72%) / JCPL (26.83%) (7UNE (4.75%) / PECO () / PSEG (52.82%) / RE (2.16%)
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			LEC (16.52%) / PSEG .29%) / RE (3.19%)

^{*} Neptune Regional Transmission System, LLC

ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
Branchburg substation: replace wave trap on Branchburg – Readington 230 kV circuit		PSEG (100%)
Replace New Freedom 230 kV breaker BS2-6		PSEG (100%)
Replace New Freedom 230 kV breaker BS2-8		PSEG (100%)
Replace both 230/138 kV transformers at Roseland		PSEG (100%)
circuits between Roseland and West		PSEG (100%)
Install 228 MVAR capacitor at Roseland 230 kV substation		PSEG (100%)
Install 400 MVAR capacitor in the Branchburg 500 kV vicinity	AEC APS BGE / (3. (2.4 EKP M (0 PE (3.9	d-Ratio Share Allocation: C (1.61%) / AEP (14.10%) / S (5.79%) / ATSI (7.95%) / (4.11%) / ComEd (13.24%) Dayton (2.07%) / DEOK 22%) / DL (1.73%) / DPL 8%) / Dominion (13.17%) / C (2.13%) / JCPL (3.71%) / IE (1.88%) / NEPTUNE* 0.42%) / PECO (5.34%) / NELEC (1.86%) / PEPCO 8%) / PPL (4.76%) / PSEG (6.19%) / RE (0.26%) DFAX Allocation: C (3.72%) / JCPL (26.83%) / EPTUNE (4.75%) / PECO 2%) / PSEG (52.82%) / RE (2.16%)
Reconductor the PSEG portion of Buckingham – Pleasant Valley 230 kV, replace wave trap and metering transformer		PSEG (100%)
	Branchburg substation: replace wave trap on Branchburg — Readington 230 kV circuit Replace New Freedom 230 kV breaker BS2-6 Replace New Freedom 230 kV breaker BS2-8 Replace both 230/138 kV transformers at Roseland Upgrade the two 138 kV circuits between Roseland and West Orange Install 228 MVAR capacitor at Roseland 230 kV substation Install 400 MVAR capacitor at Roseland 230 kV substation Reconductor the PSEG portion of Buckingham — Pleasant Valley 230 kV,	Branchburg substation: replace wave trap on Branchburg — Readington 230 kV circuit Replace New Freedom 230 kV breaker BS2-6 Replace New Freedom 230 kV breaker BS2-8 Replace both 230/138 kV transformers at Roseland Upgrade the two 138 kV circuits between Roseland and West Orange Install 228 MVAR capacitor at Roseland 230 kV substation Load AEC APC BGE // (3. (2.4 Install 400 MVAR capacitor in the Branchburg 500 kV vicinity Reconductor the PSEG portion of Buckingham — Pleasant Valley 230 kV, replace wave trap and

^{*} Neptune Regional Transmission System, LLC

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%)

toquiton 1		Annual Revenue Requirement	Responsible Customer(s)
104010	Replace W. Orange 138		DOEC (100%)
b0401.8	kV breaker 132-4	100	PSEG (100%)
	Install 4 th 500/230 kV		C (47.01%) / JCPL (7.04%)
	transformer at New	 	eptune* (0.28%) / PECO
b0411	Freedom	(2	3.36%) / PSEG (22.31%)
	Reconductor Readington		
b0423	(2555) – Branchburg		
00123	(4962) 230 kV circuit		
	w/1590 ACSS		PSEG (100%)
	Replace Readington		
b0424	wavetrap on Readington		
00727	(2555) - Roseland (5017)		
	230 kV circuit		PSEG (100%)
	Reconductor Linden		
	(4996) – Tosco (5190) 230		
	kV circuit w/1590 ACSS		
	(Assumes operating at 220		
b0425	degrees C)		PSEG (100%)
	Reconductor Tosco (5190)		
	- G22_MTX5 (90220) 230		
	kV circuit w/1590 ACSS		
	(Assumes operation at 220		
b0426	degrees C)		PSEG (100%)
	Reconductor Athenia		
	(4954) – Saddle Brook		
	(5020) 230 kV circuit river		
b0427	section		PSEG (100%)
	Replace Roseland		
	wavetrap on Roseland		
	(5019) – West Caldwell		
b0428	"G" (5089) 138 kV circuit		PSEG (100%)
	Reconductor Kittatinny		
1 0 4 0 0	(2553) – Newton (2535)	Jo	CPL (42.63%) / Neptune*
b0429	230 kV circuit w/1590		5%) / PSEG (51.45%) / RE
	ACSS		(2.27%)
	Spare Deans 500/230 kV		
b0439	transformer		PSEG (100%)
	Upgrade Bayway 138 kV		
b0446.1	breaker #2-3		PSEG (100%)
VV 1 10.1	Upgrade Bayway 138 kV		
b0446.2	breaker #3-4		PSEG (100%)
00110.2	Upgrade Bayway 138 kV		1020 (10070)
b0446.3	breaker #6-7		PSEG (100%)

Required Tr	ansmission Enhancements	Annual Revenue Requires	ment Responsible Customer(s)
104464	Upgrade the breaker associated with TX 132-		DODG (100N)
b0446.4	5 on Linden 138 kV	<u> </u>	PSEG (100%)
	Install 138 kV breaker		
b0470	at Roseland and close the Roseland 138 kV		
	buses		PSEG (100%)
	Replace the wave traps	•••	1 5125 (1 50 7 6)
	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%		
	by adding forced		DODG (04 (00)) / DE (2 (00))
	cooling		PSEG (96.40%) / RE (3.60%)
	Move the 150 MVAR		
b0473	mobile capacitor from Aldene 230 kV to		
004/3	Lawrence 230 kV		
	substation 230 kV		PSEG (100%)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
	Build new 500 kV		(2.48%) / Dominion (13.17%) /
	transmission facilities		EKPC (2.13%) / JCPL (3.71%) /
b0489	from Pennsylvania -		ME (1.88%) / NEPTUNE*
	New Jersey border at		(0.42%) / PECO (5.34%) /
	Bushkill to Roseland		PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)†
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)

^{*} Neptune Regional Transmission System, LLC

[†]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

Required T	ransmission Enhancements	Annual Revenue Requireme	nt Responsible Customer(s)
b489.1	Replace Athenia 230 kV breaker 31H		PSEG (100%)
b489.2	Replace Bergen 230 kV breaker 10H		PSEG (100%)
b489.3	Replace Saddlebrook 230 kV breaker 21P		PSEG (100%)
b0489.4	Install two Roseland 500/230 kV transformers as part of the Susquehanna - Roseland 500 kV project	I I	AEC (5.14%) / ComEd (0.29%) Dayton (0.03%) / DPL (1.78%) / JCPL (33.04%) / Neptune* (6.38%) / PECO (10.14%) / PENELEC (0.57%) / PSEG (41.10%) / RE (1.53%) ††
b0489.5	Replace Roseland 230 kV breaker '42H' with 80 kA	I	Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / 3GE (4.11%) / ComEd (13.24%)

^{*} Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement Responsible	Customer(s)
b0489.6	Replace Roseland 230 kV breaker '51H' with 80 kA	Load-Ratio Share A AEC (1.61%) / AEP APS (5.79%) / ATS BGE (4.11%) / Comf / Dayton (2.07%) (3.22%) / DL (1.73 (2.48%) / Dominion EKPC (2.13%) / JCP ME (1.88%) / NEI (0.42%) / PECO (PENELEC (1.86%) (3.98%) / PPL (4.76 (6.19%) / RE (0 DFAX Allocal JCPL (35.98%) / N (3.57%) / PSEG (58 (2.37%)	(14.10%) / I (7.95%) / Ed (13.24%) / DEOK %) / DPL (13.17%) / PL (3.71%) / PTUNE* (5.34%) / (6) / PEPCO (7.26%) tion: VEPTUNE
b0489.7	Replace Roseland 230 kV breaker '71H' with 80 kA	Load-Ratio Share A AEC (1.61%) / AEP APS (5.79%) / ATS BGE (4.11%) / ComI / Dayton (2.07%) (3.22%) / DL (1.73 (2.48%) / Dominion EKPC (2.13%) / JCP ME (1.88%) / NE (0.42%) / PECO (PENELEC (1.86%) (3.98%) / PPL (4.76 (6.19%) / RE (0 DFAX Alloca JCPL (35.98%) / N (3.57%) / PSEG (58 (2.37%)	(14.10%) / I (7.95%) / Ed (13.24%) / DEOK 6%) / DPL (13.17%) / PL (3.71%) / PTUNE* (5.34%) / (5.34%) / PSEG (5.26%) ption:

^{*} Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirer	nent Responsible Customer(s)
b0489.8	Replace Roseland 230 kV breaker '31H' with 80 kA		Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)

^{*} Neptune Regional Transmission System, LLC

Required Transmission Enhancements		Annual Revenue Requireme	ent Responsible Customer(s)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
		l l	APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
	Replace Roseland 230		EKPC (2.13%) / JCPL (3.71%) /
b0489.9	kV breaker '11H' with		ME (1.88%) / NEPTUNE*
	80 kA		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
		•	(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
	Davidson Bassian d 220		(2.48%) / Dominion (13.17%) /
			EKPC (2.13%) / JCPL (3.71%) /
b0489.10	Replace Roseland 230 kV breaker '21H'		ME (1.88%) / NEPTUNE*
	KV Dreaker 21ri		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)

^{*} Neptune Regional Transmission System, LLC

Required Transmission Enhancements		Annual Revenue Requireme	nt Responsible Customer(s)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
	Danisas Bassland 220		EKPC (2.13%) / JCPL (3.71%) /
b0489.11	Replace Roseland 230 kV breaker '32H'		ME (1.88%) / NEPTUNE*
	k v breaker 32m		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)
			Load-Ratio Share Allocation:
	D. L. D. D. L. J. 220		AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
			EKPC (2.13%) / JCPL (3.71%) /
b0489.12	Replace Roseland 230 kV breaker '12H'		ME (1.88%) / NEPTUNE*
	KV breaker 12H		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)

^{*} Neptune Regional Transmission System, LLC

Required Transmission Enhancements		Annual Revenue Requirement	nt Responsible Customer(s)_
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
	Panlaga Pagaland 120		EKPC (2.13%) / JCPL (3.71%) /
60489.13	Replace Roseland 230 kV breaker '52H'		ME (1.88%) / NEPTUNE*
	k v breaker 32H		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
	Replace Roseland 230		EKPC (2.13%) / JCPL (3.71%) /
b0489.14	kV breaker '41H'		ME (1.88%) / NEPTUNE*
	kv breaker 41H		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			JCPL (35.98%) / NEPTUNE
			(3.57%) / PSEG (58.08%) / RE
			(2.37%)

^{*} Neptune Regional Transmission System, LLC

Required Transmission Enhancements		Annual Revenue Requirement Responsible Customer(s)
		Load-Ratio Share Allocation:
		AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
		(3.22%) / DL (1.73%) / DPL
		(2.48%) / Dominion (13.17%) /
	Replace Roseland 230 kV	EKPC (2.13%) / JCPL (3.71%) /
b0489.15	breaker '72H'	ME (1.88%) / NEPTUNE*
	bleaker 7211	(0.42%) / PECO (5.34%) /
		PENELEC (1.86%) / PEPCO
		(3.98%) / PPL (4.76%) / PSEG
		(6.19%) / RE (0.26%)
		DFAX Allocation:
		JCPL (35.98%) / NEPTUNE
		(3.57%) / PSEG (58.08%) / RE
		(2.37%)
		Load-Ratio Share Allocation:
		AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
		/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL
		/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) /
	Loon the 5021 circuit into	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) /
h0408	Loop the 5021 circuit into	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE*
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) /
b0498		/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE*
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) /
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG (6.19%) / RE (0.26%)
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG (6.19%) / RE (0.26%) DFAX Allocation:
b0498	New Freedom 500 kV	/ Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG (6.19%) / RE (0.26%) DFAX Allocation: AEC (8.35%) / JCPL (23.15%) /

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Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0498.1	Upgrade the 20H circuit breaker		PSEG (100%)
b0498.2	Upgrade the 22H circuit breaker		PSEG (100%)
b0498.3	Upgrade the 30H circuit breaker		PSEG (100%)
b0498.4	Upgrade the 32H circuit breaker		PSEG (100%)
b0498.5	Upgrade the 40H circuit breaker		PSEG (100%)
b0498.6	Upgrade the 42H circuit breaker		PSEG (100%)
b0512	MAPP Project – install new 500 kV transmission from Possum Point to Calvert Cliffs and install a DC line from Calvert Cliffs to Vienna and a DC line from Calvert Cliffs to Indian River	/ APS / B (13.2 DEOF DP (13. JCPL NEP) (5.349	(1.61%) / AEP (14.10%) (5.79%) / ATSI (7.95%) GE (4.11%) / ComEd 24%) / Dayton (2.07%) / K (3.22%) / DL (1.73%) / L (2.48%) / Dominion 17%) / EKPC (2.13%) / (3.71%) / ME (1.88%) / TUNE* (0.42%) / PECO %) / PENELEC (1.86%) / EPCO (3.98%) / PPL %) / PSEG (6.19%) / RE (0.26%)
b0565	Install 100 MVAR capacitor at Cox's Corner 230 kV substation		PSEG (100%)

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Required?	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0578	Replace Essex 138 kV breaker 4LM (C1355 line to ECRRF)		PSEG (100%)
b0579	Replace Essex 138 kV breaker 1LM (220-1 TX)		PSEG (100%)
b0580	Replace Essex 138 kV breaker 1BM (BS1-3 tie)		PSEG (100%)
b0581	Replace Essex 138 kV breaker 2BM (BS3-4 tie)		PSEG (100%)
b0582	Replace Linden 138 kV breaker 3 (132-7 TX)		PSEG (100%)
b0592	Replace Metuchen 138 kV breaker '2-2 Transfer'		PSEG (100%)
b0664	Reconductor with 2x1033 ACSS conductor		(36.35%) / NEPTUNE* :0%) / PSEG (43.24%) / RE (1.61%)
b0665	Reconductor with 2x1033 ACSS conductor		(36.35%) / NEPTUNE* :0%) / PSEG (43.24%) / RE (1.61%)
b0668	Reconductor with 2x1033 ACSS conductor		(39.41%) / NEPTUNE* 8%) / PSEG (38.76%) / RE (1.45%)
b0671	Replace terminal equipment at both ends of line		PSEG (100%)
b0743	Add a bus tie breaker at Roseland 138 kV		PSEG (100%)
b0812	Increase operating temperature on line for one year to get 925E MVA rating		PSEG (100%)
b0813	Reconductor Hudson – South Waterfront 230 kV circuit	NEPT	1.25%) / JCPL (9.92%) / UNE* (0.87%) / PEPCO 6) / PSEG (83.73%) / RE (3.12%)

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Required T	ransmission Enhancements	Annual Revenue Requirem	ent 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 'I 5HF' with 80 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Kearny 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.3	breaker '14HF' with 80 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Kearny 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.4	breaker 'IOHF' with 80 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Kearny 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.5	breaker '2HT' with 80 kA		(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%)
	Replace Kearny 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.7	breaker '4HT' with 80 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	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*
b0814.9	breaker '2LM' with 63 kA		(1.61%) / PENELEC (5.37%) /
50814.9	breaker and 2.5 cycle		PSEG (67.03%) / RE (2.50%)
	contact parting time		

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Required Tra	ansmission Enhancements	Annual Revenue Requirem	ent Responsible Customer(s)
	Replace Essex 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.10	breaker '1BT' with 63 kA		(1.61%) / PENELEC (5.37%) /
00814.10	breaker and 2.5 cycle		PSEG (67.03%) / RE (2.50%)
	contact parting time		
	Replace Essex 138 kV		JCPL (23.49%) / NEPTUNE*
60814.11	breaker '2PM' with 63 kA		(1.61%) / PENELEC (5.37%) /
00814.11	breaker and 2.5 cycle		PSEG (67.03%) / RE (2.50%)
	contact parting time		
	Replace Marion 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.12	breaker '2HM' with 63 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Marion 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.13	breaker '2LM' with 63 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Marion 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.14	breaker '1LM' with 63 kA		(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*
b0814.17	breaker '4LM' with 63 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)

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Required Tra	ansmission Enhancements	Annual Revenue Requiren	nent Responsible Customer(s)
	Replace Marion 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.18	breaker '3LM' with 63 kA		(1.61%) / PENELEC (5.37%) /
	breaker		PSEG (67.03%) / RE (2.50%)
	Replace Marion 138 kV		JCPL (23.49%) / NEPTUNE*
b0814.19	breaker 'IHM' 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*
b0814.21	breaker '2PM1' with 63		(1.61%) / PENELEC (5.37%) /
	kA breaker		PSEG (67.03%) / RE (2.50%)
	Replace ECRR 138 kV breaker '903'		JCPL (23.49%) / NEPTUNE*
b0814.22			(1.61%) / PENELEC (5.37%) /
	bleaker 903		PSEG (67.03%) / RE (2.50%)
	Replace Foundry 138 kV breaker '21P'		JCPL (23.49%) / NEPTUNE*
b0814.23			(1.61%) / PENELEC (5.37%) /
	Dicarci 211		PSEG (67.03%) / RE (2.50%)
	Change the contact parting		JCPL (23.49%) / NEPTUNE*
b0814.24	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
00014.24	breaker '3LM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles		
	Change the contact parting		JCPL (23.49%) / NEPTUNE*
b0814.25	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
00014.23	breaker '2BM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles		

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Required Tra	ansmission Enhancements	Annual Revenue Requiren	nent Responsible Customer(s)
b0814.26	Change the contact parting		JCPL (23.49%) / NEPTUNE*
	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
	breaker '1BM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles		
b0814.27	Change the contact parting		JCPL (23.49%) / NEPTUNE*
	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
	breaker '3PM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles		
	Change the contact parting		JCPL (23.49%) / NEPTUNE*
b0814.28	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
DU814.28	breaker '4LM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles		
b0814.29	Change the contact parting		JCPL (23.49%) / NEPTUNE*
	time on Essex 138 kV		(1.61%) / PENELEC (5.37%) /
	breaker '1PM' to 2.5		PSEG (67.03%) / RE (2.50%)
	cycles	,	
b0814.30	Change the contact parting		
	time on Essex 138 kV		JCPL (23.49%) / NEPTUNE*
	breaker '1LM' to 2.5		(1.61%) / PENELEC (5.37%) /
	cycles		PSEG (67.03%) / RE (2.50%)

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Required Transmission Enhancements		Annual Revenue Requirement	nt Responsible Customer(s)
b0829	Build Branchburg to Roseland 500 kV circuit as part of Branchburg – Hudson 500 kV project		AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
b0829.6	Replace Branchburg 500 kV breaker 91X		Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
b0829.9	Replace Branchburg 230 kV breaker 102H		PSEG (100%)

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Required Transmission Enhancements		Annual Revenue Requirement Responsible Customer(s)
b0829.11	Replace Branchburg 230 kV breaker 32H	PSEG (100%)
ь0829.12	Replace Branchburg 230 kV breaker 52H	PSEG (100%)
b0830	Build Roseland - Hudson 500 kV circuit as part of Branchburg – Hudson 500 kV project	AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
b0830.1	Replace Roseland 230 kV breaker '82H' with 80 kA	PSEG (100%
b0830.2	Replace Roseland 230 kV breaker '91H' with 80 kA	PSEG (100%)
b0830.3	Replace Roseland 230 kV breaker '22H' with 80 kA	PSEG (100%)

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Required T	ransmission Enhancements	Annual Revenue Requirer	nent Responsible Customer(s)
	Replace 138/13 kV		
	transformers with 230/13		
b0831	kV units as part of		ComEd (2.57%) / Dayton
	Branchburg – Hudson 500		(0.09%) / PENELEC (2.82%) /
	kV project		PSEG (90.97%) / RE (3.55%)
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
	Build Hudson 500 kV		(3.22%) / DL (1.73%) / DPL
b0832	switching station as part of		(2.48%) / Dominion (13.17%) /
00052	Branchburg - Hudson 500		EKPC (2.13%) / JCPL (3.71%) /
	kV project		ME (1.88%) / NEPTUNE*
	-		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
	Build Roseland 500 kV		(3.22%) / DL (1.73%) / DPL
60833	switching station as part of		(2.48%) / Dominion (13.17%) /
00833	Branchburg – Hudson 500	,	EKPC (2.13%) / JCPL (3.71%) /
	kV project		ME (1.88%) / NEPTUNE*
			(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)

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Required 7	Transmission Enhancements	Annual Revenue Requirer	ment Responsible Customer(s)
b0834	Convert the E-1305/F-1306 to one 230 kV circuit as part of Branchburg – Hudson 500 kV project		ComEd (2.57%) / Dayton (0.09%) / PENELEC (2.82%) / PSEG (90.97%) / RE (3.55%)
b0835	Build Hudson 230 kV transmission lines as part of Roseland – Hudson 500 kV project as part of Branchburg – Hudson 500 kV project		ComEd (2.57%) / Dayton (0.09%) / PENELEC (2.82%) / PSEG (90.97%) / RE (3.55%)
b0836	Install transformation at new Hudson 500 kV switching station and perform Hudson 230 kV and 345 kV station work as part of Branchburg – Hudson 500 kV project		ComEd (2.57%) / Dayton (0.09%) / PENELEC (2.82%) / PSEG (90.97%) / RE (3.55%)
b0882	Replace Hudson 230 kV breaker 1HA with 80 kA		PSEG (100%)
b0883	Replace Hudson 230 kV breaker 2HA with 80 kA		PSEG (100%)
b0884	Replace Hudson 230 kV breaker 3HB with 80 kA		PSEG (100%)
b0885	Replace Hudson 230 kV breaker 4HA with 80 kA		PSEG (100%)
b0886	Replace Hudson 230 kV breaker 4HB with 80 kA		PSEG (100%)
b0889	Replace Bergen 230 kV breaker '21H'		PSEG (100%)
b0890	Upgrade New Freedom 230 kV breaker '21H'		PSEG (100%)
b0891	Upgrade New Freedom 230 kV breaker '31H'		PSEG (100%)
b0899	Replace ECRR 138 kV breaker 901		PSEG (100%)
b0900	Replace ECRR 138 kV breaker 902		PSEG (100%)

Required T	ransmission Enhancements A	annual Revenue Requiremen	nt Responsible Customer(s)
b1013	Replace Linden 138 kV breaker '7PB'		PSEG (100%)
b1017	Reconductor South Mahwah Waldwick 345 kV J-3410 circuit		JCPL (29.27%) / NEPTUNE* (2.76%) / PSEG (65.42%) / RE (2.55%)
b1018	Reconductor South Mahwah Waldwick 345 kV K-3411 circuit	1	JCPL (29.44%) / NEPTUNE* (2.76%) / PSEG (65.25%) / RE (2.55%)
b1019.1	Replace wave trap, line disconnect and ground switch at Roseland on the F-2206 circuit	1	PSEG (100%)
b1019.2	Replace wave trap, line disconnect and ground switch at Roseland on the B-2258 circuit	n	PSEG (100%)
b1019.3	Replace 1-2 and 2-3 section disconnect and ground switches at Cedar Grove on the F-2206 circuit		PSEG (100%)
b1019.4	Replace 1-2 and 2-3 section disconnect and ground switches at Cedar Grove on the B-2258 circuit		PSEG (100%)
b1019.5	Replace wave trap, line disconnect and ground switch at Cedar Grove on the F-2200 circuit		PSEG (100%)
b1019.6	Replace line disconnect and ground switch at Cedar Grove on the K-2263 circuit	е	PSEG (100%)

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

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1082.1	Replace Bergen 138 kV breaker '30P' with 80 kA		PSEG (100%)
b1082.2	Replace Bergen 138 kV breaker '80P' with 80 kA		PSEG (100%)
b1082.3	Replace Bergen 138 kV breaker '70P' with 80 kA		PSEG (100%)
b1082.4	Replace Bergen 138 kV breaker '90P' with 63 kA		PSEG (100%)
b1082.5	Replace Bergen 138 kV breaker '50P' with 63 kA		PSEG (100%)
b1082.6	Replace Bergen 230 kV breaker '12H' with 80 kA		PSEG (100%)
b1082.7	Replace Bergen 230 kV breaker '21H' with 80 kA		PSEG (100%)
b1082.8	Replace Bergen 230 kV breaker '11H' with 80 kA		PSEG (100%)
b1082.9	Replace Bergen 230 kV breaker '20H' with 80 kA		PSEG (100%)
b1098	Re-configure the Bayway 138 kV substation and install three new 138 kV breakers		PSEG (100%)
b1099	Build a new 230 kV substation by tapping the Aldene – Essex circuit and install three 230/26 kV transformers, and serve some of the Newark area load from the new station		PSEG (100%)
b1100	Build a new 138 kV circuit from Bayonne to Marion		PSEG (100%)
61101	Re-configure the Cedar Grove substation with breaker and half scheme and build a new 69 kV circuit from Cedar Grove to Hinchman		PSEG (100%)

Required Tr	ansmission Enhancements	Annual Revenue Requirement Responsible Customer	<u>(s)</u>
bII54	Convert the West Orange 138 kV substation, the two Roseland – West Orange 138 kV circuits, and the Roseland – Sewaren 138 kV circuit from 138 kV to 230 kV	PSEG (96.18%) / RE (3.82%	á)
b1155	Build a new 230 kV circuit from Branchburg to Middlesex Sw. Rack. Build a new 230 kV substation at Middlesex	JCPL (4.61%) / PSEG (91.759 / RE (3.64%)	%)
b1155.3	Replace Branchburg 230 kV breaker '81H' with 63 kA	PSEG (100%)	
b1155.4	Replace Branchburg 230 kV breaker '72H' with 63 kA	PSEG (100%)	
b1155.5	Replace Branchburg 230 kV breaker '61H' with 63 kA	PSEG (100%)	
b1155.6	Replace Branchburg 230 kV breaker '41H' with 63 kA	PSEG (100%)	
b1156	Convert the Burlington, Camden, and Cuthbert Blvd 138 kV substations, the 138 kV circuits from Burlington to Camden, and the 138 kV circuit from Camden to Cuthbert Blvd. from 138 kV to 230 kV		6)
b1156.13	Replace Camden 230 kV breaker '22H' with 80 kA	PSEG (100%)	
b1156.14	Replace Camden 230 kV breaker '32H' with 80 kA	PSEG (100%)	
b1156.15	Replace Camden 230 kV breaker '21H' with 80 kA	PSEG (100%)	

^{*}Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirem	ent 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		PSEG (96.18%) / RE (3.82%)
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 (0.28%) / BGE (1.18%) / ComEd (2.83%) / Dayton (0.16%) / JCPL (1.43%) / Neptune (0.09%) / PENELEC (3.63%) / PEPCO (1.27%) / PSEG (85.73%) / RE (3.40%)

Required Tr	ansmission Enhancements	Annual Revenue Requirement	nt Responsible Customer(s)
b1304.2	Expand existing Bergen 230 kV substation and reconfigure the Athenia 230 kV substation to breaker and a half scheme		AEC (0.28%) / BGE (1.18%) / ComEd (2.83%) / Dayton (0.16%) / JCPL (1.43%) / Neptune (0.09%) / PENELEC (3.63%) / PEPCO (1.27%) / PSEG (85.73%) / RE (3.40%)
b1304.3	Build second 230 kV underground cable from Bergen to Athenia		AEC (0.28%) / BGE (1.18%) / ComEd (2.83%) / Dayton (0.16%) / JCPL (1.43%) / Neptune (0.09%) / PENELEC (3.63%) / PEPCO (1.27%) / PSEG (85.73%) / RE (3.40%)
b1304.4	Build second 230 kV underground cable from Hudson to South Waterfront		AEC (0.28%) / BGE (1.18%) / ComEd (2.83%) / Dayton (0.16%) / JCPL (1.43%) / Neptune (0.09%) / PENELEC (3.63%) / PEPCO (1.27%) / PSEG (85.73%) / RE (3.40%)

Required Tra	ansmission Enhancements	Annual Revenue Requiremen	nt 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 Requiren	nent 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%)
ь1398	Build two new parallel underground circuits from Gloucester to Camden		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) / PEPCO (0.58%) / PSEG (31.99%) / RE (1.27%)
b1398.1	Install shunt reactor at Gloucester to offset cable charging		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) / PEPCO (0.58%) / PSEG (31.99%) / RE (1.27%)
b1398.2	Reconfigure the Cuthbert station to breaker and a half scheme		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) / PEPCO (0.58%) / PSEG (31.99%) / RE (1.27%)
b1398.3	Build a second 230 kV parallel overhead circuit from Mickelton – Gloucester		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) / PEPCO (0.58%) / PSEG (31.99%) / RE (1.27%)

Required Tra	·	Annual Revenue Requirem	
b1398.4	Reconductor the existing Mickleton – Gloucester		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) /
	230 kV circuit (PSEG portion)		PEPCO (0.58%) / PSEG (31.99%) / RE (1.27%)
	Reconductor the Camden - Richmond 230 kV circuit (PSEG portion) and		JCPL (13.03%) / NEPTUNE (1.20%) / PECO (51.93%) / PEPCO (0.58%) / PSEG
b1398.7	upgrade terminal equipments at Camden substations		(31.99%) / RE (1.27%)
b1398.15	Replace Gloucester 230 kV breaker '21H' with 63 kA		PSEG (100%)
b1398.16	Replace Gloucester 230 kV breaker '51H' with 63 kA		PSEG (100%)
b139 8. 17	Replace Gloucester 230 kV breaker '56H' with 63 kA		PSEG (100%)
b139 8.18	Replace Gloucester 230 kV breaker '26H' with 63 kA		PSEG (100%)
b139 8 .19	Replace Gloucester 230 kV breaker '71H' with 63 kA		PSEG (100%)
b1 3 99	Convert the 138 kV path from Aldene – Springfield Rd. – West Orange to 230 kV		PSEG (96.18%) / RE (3.82%)
b1400	Install 230 kV circuit breakers at Bennetts Ln. "F" and "X" buses		PSEG (100%)

Required T	ransmission Enhancements	Annual Revenue Requireme	nt Responsible Customer(s)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
		E	GGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
	j		(3.22%) / DL (1.73%) / DPL
	Replace Salem 500 kV		(2.48%) / Dominion (13.17%) /
b1410	breaker '11X'	F	EKPC (2.13%) / JCPL (3.71%) /
	oreaker 11A		ME (1.88%) / NEPTUNE*
			(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.13%) / RE (3.87%)
			Load-Ratio Share Allocation:
	Replace Salem 500 kV		AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
		E	GE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
b1411	breaker '12X'	F	EKPC (2.13%) / JCPL (3.71%) /
	breaker 12X		ME (1.88%) / NEPTUNE*
			(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.13%) / RE (3.87%)

^{*} Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement Responsible Customer(s)
	-	Load-Ratio Share Allocation:
		AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
		(3.22%) / DL (1.73%) / DPL
	Danlass Salam 500 kV	(2.48%) / Dominion (13.17%) /
b1412	Replace Salem 500 kV breaker '20X'	EKPC (2.13%) / JCPL (3.71%) /
	breaker 20X	ME (1.88%) / NEPTUNE*
		(0.42%) / PECO (5.34%) /
		PENELEC (1.86%) / PEPCO
		(3.98%) / PPL (4.76%) / PSEG
		(6.19%) / RE (0.26%)
		DFAX Allocation:
		PSEG (96.13%) / RE (3.87%)
		Load-Ratio Share Allocation:
	Replace Salem 500 kV	AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
		(3.22%) / DL (1.73%) / DPL
		(2.48%) / Dominion (13.17%) /
b1413	breaker '21X'	EKPC (2.13%) / JCPL (3.71%) /
	breaker 21%	ME (1.88%) / NEPTUNE*
		(0.42%) / PECO (5.34%) /
		PENELEC (1.86%) / PEPCO
		(3.98%) / PPL (4.76%) / PSEG
		(6.19%) / RE (0.26%)
		DFAX Allocation:
		PSEG (96.13%) / RE (3.87%)

^{*} Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement	t Responsible Customer(s)
			Load-Ratio Share Allocation:
		_ A	AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
		B	GE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
	Dealess Galace 500 lay		2.48%) / Dominion (13.17%) /
b1414	Replace Salem 500 kV	E	KPC (2.13%) / JCPL (3.71%) /
	breaker '31X'		ME (1.88%) / NEPTUNE*
			(0.42%) / PECO (5.34%) /
		•	PENELEC (1.86%) / PEPCO
			3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.13%) / RE (3.87%)
	Davidson Colom 500 hV		Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) / 🗼
		B	GE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
		1	2.48%) / Dominion (13.17%) /
b1415	Replace Salem 500 kV breaker '32X'	E	KPC (2.13%) / JCPL (3.71%) /
	breaker 32A		ME (1.88%) / NEPTUNE*
			(0.42%) / PECO (5.34%) /
		1	PENELEC (1.86%) / PEPCO
			3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.13%) / RE (3.87%)

^{*} Neptune Regional Transmission System, LLC

Required T	ransmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1539	Replace Tosco 230 kV breaker 'CB1' with 63 kA		PSEG (100%)
b1540	Replace Tosco 230 kV breaker 'CB2' with 63 kA		PSEG (100%)
b1541	Open the Hudson 230 kV bus tie		PSEG (100%)
b1588	Reconductor the Eagle Point - Gloucester 230 kV circuit #1 and #2 with higher conductor rating	(1.0	L (10.48%) / Neptune* 0%) / PECO (31.30%) / G (55.03%) / RE (2.19%)
b1589	Re-configure the Kearny 230 kV substation and loop the P-2216-1 (Essex - NJT Meadows) 230 kV circuit	(9.74%)	I (10.02%) / PENELEC %) / PSEG (77.16%) / RE (3.08%)
b1590	Upgrade the PSEG portion of the Camden Richmond 230 kV circuit to six wire conductor and replace terminal equipment at Camden	BGE PE	(3.06%) / ME (0.83%) / CO (91.70%) / PEPCO .94%) / PPL (2.47%)
b1749	Advance n1237 (Replace Essex 230 kV breaker '22H' with 80kA)		PSEG (100%)
b1750	Advance n0666.5 (Replace Hudson 230 kV breaker '1HB' with 80 kA (without TRV cap, so actually 63 kA))		PSEG (100%)
b1751	Advance n0666.3 (Replace Hudson 230 kV breaker '2HA' with 80 kA (without TRV cap, so actually 63 kA))		PSEG (100%)

^{*}Neptune Regional Transmission System, LLC

Required 7	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1752	Advance n0666.10 (Replace Hudson 230 kV breaker '2HB' with 80 kA		
	(without TRV cap, so actually 63 kA))		PSEG (100%)
b1753	Marion 138 kV breaker '7PM' - delay the relay time to increase the contact parting time to 2.5		
	cycles		PSEG (100%)
b1754	Marion 138 kV breaker '3PM' - delay the relay time to increase the contact parting time to 2.5		
	cycles		PSEG (100%)
b1755	Marion 138 kV breaker '6PM' - delay the relay time to increase the contact parting time to 2.5		
	cycles		PSEG (100%)
b1787	Build a second 230 kV circuit from Cox's Corner - Lumberton		EC (4.97%) / JCPL (44.34%) / NEPTUNE* (0.53%) / PSEG (48.23%) / RE (1.93%)
b2034	Install a reactor along the Kearny - Essex 138 kV line		PSEG (100%)
b2035	Replace Sewaren 138 kV breaker '11P'		PSEG (100%)
b2036	Replace Sewaren 138 kV breaker '21P'		PSEG (100%)
b2037	Replace PVSC 138 kV breaker '452'		PSEG (100%)
b2038	Replace PVSC 138 kV breaker '552'		PSEG (100%)

^{*}Neptune Regional Transmission System, LLC

Responsible Customer(s) Required Transmission Enhancements Annual Revenue Requirement Replace Bayonne 138 kV b2039 breaker 'IIP' PSEG (100%) Reconductor the Mickleton - Gloucester b2139 230 kV parallel circuits with double bundle PSEG (61.11%) / PECO (36.45%) / RE (2.44%) conductor Re-configure the Brunswick 230 kV and 69 b2146 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 kV substations. Construct b2159 and loop new 138 kV circuit to new airport PSEG (96.16%) / RE (3.84%) station

^{*}Neptune Regional Transmission System, LLC

SCHEDULE 12 - APPENDIX A

(12) Public Service Electric and Gas Company

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

^{*}Neptune Regional Transmission System, LLC

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

Required Tr		Annual Revenue Requiremen	nt 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%)

^{*}Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual 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 (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
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 (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)

^{*}Neptune Regional Transmission System, LLC

Required Transmission Educate thems. Admidal Revenue Reculternett. Responsible education			
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)	
b2436.33	Construct a new Bayway – Bayonne 345 kV circuit and any associated substation upgrades	PSEG (100%)	
b2436.34	Construct a new North Ave – Bayonne 345 kV circuit and any associated substation upgrades	PSEG (100%)	

^{*}Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requiremen	nt 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 (100%)
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 (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%) / Dayton (2.07%) / DEOK (3.22%) / DL (1.73%) / DPL (2.48%) / Dominion (13.17%) / EKPC (2.13%) / JCPL (3.71%) / ME (1.88%) / NEPTUNE* (0.42%) / PECO (5.34%) / PENELEC (1.86%) / PEPCO (3.98%) / PPL (4.76%) / PSEG (6.19%) / RE (0.26%) DFAX Allocation: PSEG (96.08%) / RE (3.92%)

^{*}Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirem	ent Responsible Customer(s)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
			/ Dayton (2.07%) / DEOK
	Convert the Bayway -		(3.22%) / DL (1.73%) / DPL
	Linden "Z" 138 kV circuit		(2.48%) / Dominion (13.17%) /
b2436.83	to 345 kV and any		EKPC (2.13%) / JCPL (3.71%) /
	associated substation		ME (1.88%) / NEPTUNE*
	upgrades		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.08%) / RE (3.92%)
			Load-Ratio Share Allocation:
			AEC (1.61%) / AEP (14.10%) /
			APS (5.79%) / ATSI (7.95%) /
			BGE (4.11%) / ComEd (13.24%)
	Convert the Bayway – Linden "W" 138 kV		/ Dayton (2.07%) / DEOK
			(3.22%) / DL (1.73%) / DPL
			(2.48%) / Dominion (13.17%) /
b2436.84	circuit to 345 kV and any		EKPC (2.13%) / JCPL (3.71%) /
	associated substation		ME (1.88%) / NEPTUNE*
	upgrades		(0.42%) / PECO (5.34%) /
			PENELEC (1.86%) / PEPCO
			(3.98%) / PPL (4.76%) / PSEG
			(6.19%) / RE (0.26%)
			DFAX Allocation:
			PSEG (96.08%) / RE (3.92%)

^{*}Neptune Regional Transmission System, LLC

Required Tra	ansmission Enhancements	Annual Revenue Requirement Responsible Customer(s)
		Load-Ratio Share Allocation:
		AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
	Convert the Bayway –	(3.22%) / DL (1.73%) / DPL
	Linden "M" 138 kV	(2.48%) / Dominion (13.17%) /
b2436.85	circuit to 345 kV and any	EKPC (2.13%) / JCPL (3.71%)
	associated substation	ME (1.88%) / NEPTUNE*
	upgrades	(0.42%) / PECO (5.34%) /
		PENELEC (1.86%) / PEPCO
		(3.98%) / PPL (4.76%) / PSEG
		(6.19%) / RE (0.26%)
		DFAX Allocation:
		PSEG (96.08%) / RE (3.92%)
	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	Load-Ratio Share Allocation:
		AEC (1.61%) / AEP (14.10%) /
		APS (5.79%) / ATSI (7.95%) /
		BGE (4.11%) / ComEd (13.24%)
		/ Dayton (2.07%) / DEOK
		(3.22%) / DL (1.73%) / DPL
		(2.48%) / Dominion (13.17%) /
b2436.90		EKPC (2.13%) / JCPL (3.71%)
		ME (1.88%) / NEPTUNE*
		(0.42%) / PECO (5.34%) /
	1 -	PENELEC (1.86%) / PEPCO
		(3.98%) / PPL (4.76%) / PSEG
		(6.19%) / RE (0.26%)
		DFAX Allocation:
		PSEG (100%)
	Relocate the Hudson 2	
1040505	generation to inject into	7070 (1000)
b2436.91	the 345 kV at Marion and	PSEG (100%)
	any associated upgrades	

^{*}Neptune Regional Transmission System, LLC

1100 000 110	III III III III III III III III III II	idat (CVC) de l'expensione Customer(a)
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	PSEG (96.08%) / RE (3.92%)
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	PSEG (100%)
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	PSEG (96.08%) / RE (3.92%)
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	PSEG (96.08%) / RE (3.92%)
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	PSEG (96.08%) / RE (3.92%)
b2437.33	New Bayonne 345/69 kV transformer and any associated substation upgrades	PSEG (100%)
b2438	Install two reactors at Tosco 230 kV	PSEG (100%)
b2439	Replace the Tosco 138kV breaker 'CB1/2 (CBT)' with 63kA	PSEG (100%)
b2474	Rebuild Athenia 138 kV to 80kA	PSEG (100%)
b2589	Install a 100 MVAR 230 kV shunt reactor at Mercer station	PSEG (100%)
b2590	Install two 75 MVAR 230 kV capacitors at Sewaren station	PSEG (100%)

^{*}Neptune Regional Transmission System, LLC

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
		C ID C CI . All.

Tecquired 11	ansinission enhancements. Am	idat Revenue Requirement Responsible Customer(s)
b2633.3	Install an SVC at New Freedom 500 kV substation	Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
b2633.4	Add a new 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)

	Add a new 500/230 kV	TO CO COOK (TO COOK)
b2633.5	autotransformer at Hope Creek and a new Hope Creek 230 kV substation	AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
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 (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)

^{*}Neptune Regional Transmission System, LLC

	adi Nevende Nequilement - Nessponsiole Customer(s)
Implement changes to the tap settings for the two Salem units' step up transformers	AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
Implement changes to the tap settings for the Hope Creek unit's step up transformers	AEC (0.01%) / DPL (99.98%) / JCPL (0.01%)
Install a 350 MVAR reactor at Roseland 500 kV	Load-Ratio Share Allocation: AEC (1.61%) / AEP (14.10%) / APS (5.79%) / ATSI (7.95%) / BGE (4.11%) / ComEd (13.24%)
Install a 100 MVAR reactor at Bergen 230 kV	PSEG (100%)
Install a 150 MVAR reactor at Essex 230 kV	PSEG (100%)
Install a 200 MVAR reactor (variable) at Bergen 345 kV	PSEG (100%)
Install a 200 MVAR reactor (variable) at Bayway 345 kV	PSEG (100%)
Install a 100 MVAR reactor at Bayonne 345 kV	PSEG (100%)
	Implement changes to the tap settings for the two Salem units' step up transformers Implement changes to the tap settings for the Hope Creek unit's step up transformers Install a 350 MVAR reactor at Roseland 500 kV Install a 100 MVAR reactor at Bergen 230 kV Install a 150 MVAR reactor at Essex 230 kV Install a 200 MVAR reactor (variable) at Bergen 345 kV Install a 200 MVAR reactor (variable) at Bayway 345 kV Install a 100 MVAR reactor

^{*}Neptune Regional Transmission System, LLC

Required 113	ansmission Ennancements Ann	uai 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%)
62811	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		PSEG (100%)

Required In	ansmission Enhancements Ani	nual Revenue Requirement	Responsible Customer(s)
b2836	Convert the N-1340 and T- 1372/D-1330 (Brunswick – Trenton) 138 kV circuits to 230 kV circuits		PSEG (100%)
b2837	Convert the F-1358/Z1326 and K1363/Y-1325 (Trenton – Burlington) 138 kV circuits to 230 kV circuits		PSEG (100%)
b2870	Build new 138/26 kV Newark GIS station in a building (layout #1A) located adjacent to the existing Newark Switch and demolish the existing Newark Switch		PSEG (100%)
b2933	Third Source for Springfield Rd. and Stanley Terrace Stations		PSEG (100%)
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%)
b2933.3	Construct a 69 kV network between Front Street, Springfield and 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%)

Required In	ansmission Enhancements Anni	ual 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 (93.78%) / NEPTUNE* (6.22%)
b2956	Replace existing cable on Cedar Grove - Jackson Rd. with 5000kcmil XLPE cable		JCPL (0.05%) / NEPTUNE* (0.01%) / PSEG (96.07%) / RE (3.87%)
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		PSEG (100%)

required 118	ansimission Emilancements - Amin	iai Nevenue Requirement	responsible Customer(s)
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%)
b3003.4	Install Maywood 69 kV ring bus		PSEG (100%)
ь3003.5	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%)

Attachment 12 Updated PSE&G Formula Rate for January 1, 2019 to December 31, 2019

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Hesser G. McBride, Jr.
Associate General Regulatory Counsel

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January 18, 2019

VIA ELECTRONIC FILING

Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, DC 20426

Re:

Public Service Electric and Gas Company

Docket No. ER09-1257-000

Informational Filing of 2019 Formula Rate Annual Update (Revision)

Dear Secretary Bose:

On behalf of Public Service Electric and Gas Company ("PSE&G"), attached please find a revised informational filing of PSE&G's 2019 Transmission Formula Rate Annual Update. On October 15, 2018, PSE&G filed with the Federal Energy Regulatory Commission ("FERC" or "Commission") a 2019 Formula Rate Annual Update ("Annual Update") in the above-captioned docket.

This revised informational filing is being made to implement revisions to PSE&G's Formula Rate Template approved by the Commission on December, 28, 2018 in Docket No. ER19-204-000. The revisions, which are effective January 1, 2019, address various income tax-related items relating to the effects of the Tax Cuts and Jobs Act of 2017 (TCJA) and other Commission formula rate determinations.¹

In accordance with the Protocols set forth in PSE&G's Formula Rate, this submission is provided to the Commission for informational purposes only and requires no action by the Commission. As required by the Protocols, PSE&G is also providing a copy of this filing to PJM for posting on the PJM website. Consistent with the Commission Staff's Guidance on Formula Rate Updates, PSE&G is submitting the updated formula rate template in Microsoft Excel format.

 $^{^1}$ PJM Interconnection, L.L.C., Public Service electric and Gas Company, 165 FERC ¶ 61,275 (2018).

The attached revised version of PSEG's 2019 Formula Rate Annual Update reduces the 2019 annual revenue requirement forecasted in the October 15, 2018 Annual Update by \$153,972,115.

In addition to PSE&G's revised 2019 Annual Formula Rate Update template, PSE&G also submits Workpaper 1, which contains additional exhibits providing supporting information pursuant to Commission Staff's Guidance on Formula Rate Updates.³

Thank you for your attention to this matter and please advise the undersigned of any questions.

Respectfully submitted,

Hesser G. McBride, Jr.

Attachments

	Service Electric and Gas Company			
ATTA	CHMENT H-10A			
Form	ila Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2019
	d cells are input cells			
Alloca				
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense	(Note O)	Attachment 5	33,000,000
2	Total Wages Expense	(Note O)	Attachment 5	207,904,693
3	Less A&G Wages Expense Total Wages Less A&G Wages Expense	(Note O)	Attachment 5 (Line 2 - Line 3)	7,904,693 200,000,000
5	Wages & Salary Allocator		(Line 1 / Line 4)	16,5000%
•			(CATO TI ENG.)	1000000
6	Plant Allocation Factors Electric Plant in Service	(Note B)	Attachment 5	22,375,394,716
7	Common Plant in Service - Electric	,/	(Line 22)	228,215,832
8	Total Plant in Service		(Line 6 + 7)	22,603,610,548
9	Accumulated Depreciation (Total Electric Flant)	(Note B & J)	Attachment 5	4,054,244,063
10	Accumulated Intangible Amortization - Electric	(Nate B)	Attachment 5	6,208,457
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	43,587,119
12 13	Accumulated Common Americation - Electric Total Accumulated Depreciation	(Note B)	Attachment 5 (Line 9 + Line 10 + Line 11 + Line 12)	53,591,921 4,157,631,559
14	Net Plant		(Line 8 - Line 13)	18,445,978,989
15	Transmission Gross Plant		(Line 31)	12,356,298,172
	Gross Plant Allocator		(Line 15 / Line 8)	54.6652%
17	Transmission Net Plant		(Line 43)	11,166,342,138
	Iransmission Net Plant Net Plant Allocator		(Line 43) (Line 17 / Line 14)	11,165,342,138 60.5354%
18			(Line 43) (Line 17 / Line 14)	
18	Net Plant Allocator Solculations		(Line 43) (Line 17 / Line 14)	
18	Net Plant Allocator	(Note B)	(Line 43) (Line 17 / Line 14)	60.5354%
18 Plant 19	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service		(Line 17 / Line 14) Attachment 5	60.5354% 12,258,566,555
18 Plant 19 20	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General	(Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5	12,258,566,555 331,405,374
18 Plant 19 20 21	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangble - Electric	(Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5	60.5354% 12.258.568.555 331,405,374 11,451,940
18 Plant 19 20	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric	(Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5	12,258,568,555 331,405,374 12,451,940 228,215,832 57,073,145
18 Plant 19 20 21 22 23 24	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications	(Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 6 (Line 20 + Line 21 + Line 22) Attachment 5	60.5354% 12.258.568.555 331.405.374 11.451.940 228.215.832 571,073.146 18,70,054
19 20 21 22 23 24 25	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications Less: Common Plant Account 397 — Communications	(Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 Attachment 5	60.5354% 12.258,568,555 331,405,374 11,451,940 228,215,832 571,073,145 18,700,575 28,203,705
19 20 21 22 23 24 25 26	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General intrangible - Electric Common Plant - Electric Total General, intrangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Intangible Excluding Acct 397	(Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25)	60.5354% 12.258.568.555 331.405,374 11.451,940 228.215.832 571,073.145 18,700.575 28,203.70 523,168.65
19 20 21 22 23 24 25 26 27	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intargible - Electric Common Plant - Electric Total General, Intargible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct. 397 Wage & Safary Allocator	(Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5)	60.5354% 12.258,566,555 331,405,374 11,451,940 228,215,832 571,073,146 18,70,075 29,203,705 523,168,866 16,5000%
19 20 21 22 23 24 25 26 27 28	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 297 Wage & Salary Allocator General and thangible Plant Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 23 - Line 24 - Line 25) (Line 6) (Line 6) (Line 6)	60.5354% 12.258.568.555 331,405,374 11,451,940 229,215.832 571,073,146 18,700,575 22,203,705 523,168.866 16,5000% 66,322,863
19 20 21 22 23 24 25 26 27	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intargible - Electric Common Plant - Electric Total General, Intargible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct. 397 Wage & Safary Allocator	(Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5)	60.5354% 12,258,566,555 331,405,374 11,451,940 228,215,832 571,073,146 18,700,575 29,203,705 523,168,866 16,5000% 65,322,853 11,406,754
19 20 21 22 23 24 25 26 27 28 29 30	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Intangible Evoluting Aoct. 397 Wage & Satary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directry Assigned to Transmission Total General and Intangible Plant Allocated to Transmission Total General and Intangible Plant Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 26 - Line 27) Attachment 5 (Line 28 + Line 29)	
19 20 21 22 23 24 25 26 27 28 29	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General intrangible - Electric Common Plant - Electric Common Plant - Electric Total General, intrangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Intangible Evoluting Acct 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission Total General and Intangible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 Line 27) Attachment 5 (Line 26 - Line 27) Attachment 5	60.5354% 12.256.566.555 331,405,374 11,451,940 226,215,832 571,073,146 16,700,575 22,203,705 523,168,666 16,5000% 65,322,633 11,406,754 97,731,617
18 Pisnt 19 20 21 22 23 24 25 26 27 28 29 30 31	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant Less: General Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 26 - Line 27) Attachment 5 (Line 28 + Line 29)	60.5354% 12.258.568.555 331.405,374 11.451,940 229.215.832 571,073,146 18,700,575 26,203,705 523,168,866 16,5000% 65,322,863 11,408,754 97,731,617
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intargible - Electric Common Plant - Electric Total General, Intargible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct. 397 Wage & Safary Allocator General and Intargible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intargible Functionalized to Transmission Total General and Intargible Functionalized to Transmission Total Plant in Rate 8ase Accumulated Depreciation Transmission Account/lated Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 LUne 20 + Line 21 + Line 22) Attachment 5 Attachment 5 LUne 23 - Line 24 - Line 25) (Line 6) (Line 6) (Line 26 - Line 27) Attachment 5 (Line 28 + Line 28) (Line 19 + Line 30) Attachment 5	60.5354% 12.258,569,555 331,405,374 11,451,940 228,215,832 571,073,146 18,70,075 29,203,705 523,168,866 16,5500% 66,322,653 11,408,754 97,731,617 12,356,298,172
18 Plant 19 20 21 22 23 24 25 26 27 28 30 31 32 33	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Equiting Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directry Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate 8ase Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B & J)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 6) (Line 26 + Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5	60.5354% 12.256.666.555 331,405,374 11,451,940 228,215.832 571,073.148 18,700.575 22,203,705 523,168,666 16,5000% 65,322,653 11,409,754 97,731,617 12,356,296,172 1,136,185,567 171,880,645
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Not Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account Na. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 36) (Line 36 - Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5	60.5354% 12.258,566,555 331,405,374 11,451,940 228,215,832 571,073,146 18,700,575 22,203,705 523,188,866 16,5000% 65,322,855 11,408,754 97,731,617 12,356,298,172 1,136,185,567 171,880,545 97,179,046
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General intrangible - Electric Common Plant - Electric Total General, intrangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 397 Wage & Salary Allocator General and Inlangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and intangible Punctionalized to Transmission Total Plant in Rate 8ase Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 24 + Line 25) (Line 5) (Line 6) (Line 26 + Line 27) Attachment 5 (Line 28 + Line 28) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5	60.5354% 12.258.668.556 331,405,374 11.451,940 228,215.832 571,073.148 18,700.575 22,203.705 523,188,868 16,5000% 65,322,633 11,408,754 97,731,617 12,356,298,172 1,136,185,567 171,880,645 97,179,040 23,357,405
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and inlangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation - Electric Less: Amount of General Depreciation - Electric Less: Amount of General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation Batance of Accumulated General Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 36) (Line 36 - Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5	60.5354% 12.258.568.555 331,405,374 11,451,940 228,215,832 57,073,146 18,700,575 29,203,705 523,188,866 16,500% 65,322,853 11,406,754 97,731,617 12,356,298,172 1,136,185,567 17,880,645 97,179,040 23,357,435 245,702,255
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General intrangible - Electric Common Plant - Electric Total General, intrangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 397 Wage & Salary Allocator General and Inlangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and intangible Punctionalized to Transmission Total Plant in Rate 8ase Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	(Line 17 / Line 14) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 26 - Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment	60.5354% 12.256.566.555 331,405,374 11.451,940 226,215,832 571,073,146 18,700,575 22,203,705 523,168,666 16,50034 65,322,853 11,408,754 97,731,617 12,356,298,172 1,136,185,567 171,880,645 97,179,040 23,357,435 245,702,250 6,208,457 251,910,707
18 Plant 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 37 37	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: Cenmon Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 397 Wage & Salary Allocator General and thangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General of Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation - Electric Accumulated General Depreciation - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Balance of Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 26 + Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 55)	60.5354% 12.258.566.555 331,405,374 11,451,940 226,215,832 57,1073,146 16,5003% 65,322,863 11,408,754 97,731,617 12,356,298,172 1,136,185,567 171,880,645 97,179,046 23,357,435 245,702,256 6,208,457 251,910,707 16,5003%
18 Pisat 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 39 40	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General intangible - Electric Common Plant - Electric Common Plant - Electric Total General, intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Evoluting Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directry Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated Common Plant Depreciation Accumulated Common Plant Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation - Associated with Acct. 397 Balance of Accumulated General Depreciation - Electric Accumulated Intangible Amortization - Electric Accumulated Common Plant Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Depreciation Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B B B J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 6) (Line 26 + Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 5) (Line 5) (Line 38 + Line 39)	60.5354% 12.256.666.555 331,405,374 11,451,940 228,215.832 571,073.145 18,700.575 29,203,705 523,168,666 16.5000% 65.322,653 11,409,754 97,731,617 12,356,296,172 1,136,185,567 171,880,645 97,179,040 223,57,435 245,702,250 6,208,457 251,910,707 16.550,267
18 Plant 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General Intangible - Electric Common Plant - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: Cenmon Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Excluding Acct 397 Wage & Salary Allocator General and thangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General of Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation - Electric Accumulated General Depreciation - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Balance of Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 26 + Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 55)	60.5354% 12.258,568,555 331,405,374 11.451,940 228,215,832 571,073,145 18,700,575 29,203,705 523,188,666 16,5000% 65,322,853 11,408,754 97,731,617
18 Pisat 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 39 40	Net Plant Allocator Siculations Plant in Service Transmission Plant in Service General intangible - Electric Common Plant - Electric Common Plant - Electric Total General, intangible & Common Plant Less: General Plant Account 397 — Communications Less: Common Plant Account 397 — Communications General and Inlangible Evoluting Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directry Assigned to Transmission Total General and Intangible Functionalized to Transmission Total Plant in Rate Base Accumulated Depreciation Transmission Accumulated Depreciation Accumulated Common Plant Depreciation Accumulated Common Plant Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation - Associated with Acct. 397 Balance of Accumulated General Depreciation - Electric Accumulated Intangible Amortization - Electric Accumulated Common Plant Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Depreciation Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J) (Note B B B J)	Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 6) (Line 26 + Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30) Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 5) (Line 5) (Line 38 + Line 39)	60.5354% 12.258,566,555 331,405,374 11.451,940 228,215,832 571,073,148 18,700,575 29,203,705 523,168,666 16,5000% 66,322,653 11,408,754 97,731,617 12,356,298,172 1,136,185,567 171,880,645 97,179,040 23,357,435 245,702,250 6,208,457 251,910,707 16,550,287

Publ	c Service Electric and Gas Company			
ATT	ICHMENT H-10A			
A111	WIMEN 1 CTOR			
Forn	ufa Rate – Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2019
Shac	ed cells are input cells			
Adju	streent To Rate Baso			
	Accumulated Deferred Income Taxes		45 A 4	4 000 770 404
44	ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-1,869,703,101
	Regulatory Assets and Liabilities			٥
44a	Deficient Deferred Taxes Regulatory Asset (Account 1823) Excess Deferred Taxes Regulatory Liability (Account 254)	(Note V) (Note V)		ن 750,501,298-
440	Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission	(Note V)	(Line 44a + 44b)	-750,501,298
	CWIP for Incentive Transmission Projects			
45	CW/P Balances for Current Rate Year	(Note B & H)	Attachment 6	0
	Abandoned Transmission Projects			
45a	Unamorized Abandoned Transmission Projects	(Note R)	Attachment 5	0
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	21,553,978
40		(11010 0 0 0)	Price of the Control	2,4421,210
47	Prepayments Prepayments	(Note A & Q)	Attachment 5	277,073
47	r: epayments	(Note A & C)	Attachment 5	2,7,1014
	Materials and Supplies	(11-1- 0)	Attachment 5	0
48 49	Undistributed Stores Expense Wage & Salary Allocator	(Note Q)	(Line 5)	16.5000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note_N & Q))	Attachment 5	29,539,555
52	Total Materials & Supplies Allocated to Transmission		(Line 50 + Line 51)	29,539,555
	Cash Working Capital			
53	Operation & Maintenance Expense		(Line 80) 1/8	129,886,619 12.5%
54 55	1/8th Rule Total Cash Working Capital Allocated to Transmission		(Line 53 * Line 54)	16,235,827
	Network Credits			
5 6	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)	(2,552,597,966)
58	Rate Base		(Line 43 + Line 57)	8,513,744,172
36	Nate Dase		(Care 45 + Care 51)	0,0(4,1+1,172
Oper	ations & Maintenance Expense			
	Transmission O&M			
59	Transmission O&M	(Note O) (Note O)	Attachment 5 Attachment 5	110,528,262
60 61	Plus Transmission Lease Payments Transmission O&M	(Note O)	(Lines 59 + 60)	110,528,262
•			,	
62	Allocated Administrative & General Expenses Total A&G	(Note O)	Attachment 5	116,449,462
63	Pius: Actual PBOP expense	(Note J)	Attachment 5	32,322,615
64	Less: Actual PBOP expense	(Note O)	Attachment 5	32,322,615
65	Less Property Insurance Account 924	(Note O)	Attachment 5	3,877,140
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5	10,559,683
67	Less General Advertising Exp Account 930.1	(Note O) (Note D & O)	Attachment 5 Attachment 5	3,492,891 0
68 69	Less EPRI Dues Administrative & General Expenses	(Note D & C)	Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	98,519,749
70	Wage & Salary Allocator		(Line 5)	16.5000%
71	Administrative & General Expenses Allocated to Transmission		(Line 69 * Line 70)	16,255,759
	Directly Assigned A&G			
72 73	Regulatory Commission Exp Account 928	(Note G & O) (Note K & O)	Attachment 5 Attachment 5	755,558 0
73	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related	INDIDIX & C)	(Line 72 + Line 73)	755,558
	Property Insurance Account 924		(Line 65)	3,877,140
	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5	0
75 76			(Line 75 + Line 76)	3,877,140
76 77	Total Accounts 928 and 930.1 - General			
76 77 78	Net Plant Allocator		(Line 18)	60,6354%
76 77			(Line 18) (Line 77 * Line 78) (Lines 61 + 71 + 74 + 79)	2,347,041 129,886,619

Formula Rate Appendix A Shaded cells are input cells Depreciation Expense 11 Transmission Depreciation Expense including Amortization of Limited Term Plant 12 Amortization Expense 13 Transmission Depreciation Expense including Amortization of Limited Term Plant 13 Amortization (Association of Plant Projects 14 Amortization (Association of Plant Projects 15 Amortization (Association of Plant Projects 16 Amortization (Association of Plant Projects 17 Amortization (Association of Plant Projects 18 Amortization (Association of Plant Projects 18 Amortization (Association of Plant Projects 19 Amortization (Association of Plant Plant (Note 1) Amortization Association of Limited Term Plant 19 Amortization (Association Plant Plant Plant (Note 1) Amortization Association Plant Plant Plant (Note 1) Amortization (Note 2) Amortization Plant Pl	
Shaded cells are imput cells	
Shaded cells are imput cells	12 Months Ended
Depreciation & Another Expense	
### ### ### ### ### ### ### ### ### ##	
Arrotteation of Abandoned Plant Projects (Note R)	
22 General Depreciation Expense Including Amortization of Limited Term Plant (Note J & O) Attachment 5 1 Less Amount of General Depreciation Expense Associates with Acct. 397 (Note J & O) Attachment 5 1 Intagglish Amortization (Line 5) (Line 64 + Line 65) (Line 64 + Line 65) (Line 65 +	291,319,276
Basin Communication Commun	28.572.417
Balance of General Depreciation Expense (Line 82 - Line 63) Attachment 5 Intanglise Amortization (Note A & C) Attachment 5 (Line 96 - Fr. 99 - 99	4,771,700
Total Mage & Salary Allocator (Line 84 + Line 85)	23,800,717
Wase & Salary Allocator Line 5 Line 5	11,230,055
Seneral Depreciation & Intergelial Amortization Allocated to Transmission (Note J & C) General Depreciation Expenses for Act 235 O'Drebtly Assigned to Transmission (Note J & C) General Depreciation Expenses for Act 235 O'Drebtly Assigned to Transmission (Note J & C) Total Transmission Depreciation & Amortization Functionalized to Transmission (ILine 88 + Line 88) 1 Total Transmission Depreciation & Amortization Functionalized to Transmission (ILine 88 + Line 88) 2 Taxes Other than Income Taxes (Note O) Attachment 2 3 Total Taxes Other than Income Taxes (ILine 92) Return 1 Population Coloribation Coloribations 4 Long Term Interest p117.52.c through 67 5 Preferred Dividends enter positive p118.29.d Common Stock p118.29.d (Note P) Attachment 5 Less Account 216 (Note P) Attachment 5 Less Account 216 (Note P) Attachment 5 Capitalization (Note P) Attachment 5 Capitalization (Note P) Attachment 5 Capitalization (Note P) Attachment 5 Capitalization (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Note P) Attachment 5 Total Long Term Debt (Line 107 - Line 108) Debt % Total Long Term Debt (Line 107 - Line 108) Debt Common Stock (Line 107 - Line 108) Debt Cost Total Long Term Debt (Line 107 - Line 108) Preferred Cost Preferred Stock (Note J) Fixed Total Long Term Debt (Line 107 - Line 108) Preferred Cost Of Preferred Preferred Stock (Line 107 - Line 118) Weighted Cost of Preferred Preferred Stock (Line 107 - Line 118)	35,030,772 16.50%
89 General Depreciation Expense for Acct. 397 Obselby Assigned to Transmission (Line 8 + Line 89) 90 General Depreciation and intangible Amortization Functionalized to Transmission (Line 8 + Line 89) 91 Total Transmission Depreciation & Amortization (Line 8 + Line 89) 92 Taxes Other than income Taxes 92 Taxes Other than income Taxes (Note O) Attachment 2 93 Total Taxes Other than income Taxes (Line 92) 94 Long Term Interest (Line 92) 95 Preferred Dividends enter positive p117.52 c. through 67 96 Preferred Dividends enter positive p118.29.d 97 Common Stock (Note P) Attachment 5 98 Less Preferred Stock (Note P) Attachment 5 99 Less Preferred Stock (Note P) Attachment 5 90 Less Accountated Other Comprehensive income Account 219 (Note P) Attachment 5 91 Common Stock (Note P) Attachment 5 92 Less Less on Reacquired Debt (Note P) Attachment 5 93 Less Less on Reacquired Debt (Note P) Attachment 5 94 Less Less on Reacquired Debt (Note P) Attachment 5 95 Less Less on Reacquired Debt (Note P) Attachment 5 96 Less Less on Reacquired Debt (Note P) Attachment 5 97 Less About 219 (Note P) Attachment 5 98 Less Less on Reacquired Debt (Note P) Attachment 5 99 Less Less on Reacquired Debt (Note P) Attachment 5 90 Preferred Stock (Note P) Attachment 5 91 Total Long Term Debt (Note P) Attachment 5 92 Less Abit associated with Gain or Loss (Note P) Attachment 5 93 Total Common Stock (Note P) Attachment 5 94 Less Abit associated with Gain or Loss (Note P) Attachment 6 95 Total Common Stock (Line 100) (Line 107 Line 108) 96 Less Abit associated with Gain or Loss (Line 100) (Line 107 Line 108) 97 Less Abit associated with Gain or Loss (Line 100) (Line 107 Line 108) 98 Less Abit associated with Gain or Loss (Line 100) (Line 107 Line 108) 99 Lebt % Total Long Term Debt (Line 107 Line 108) 90 Lebt % Total Long Term Debt (Line 107 Line 108) 91 Less Abit associated with Gain or Loss (Line 100) (Line 57 Line 108) 91 Less Abit associated with Gain or Loss (Line 100) (Line 57 Line 108) 91 Less Abit associated with Gain or Loss (Line 100) (Li	5,780,077
Total Transmission Depreciation & Amortization (Lines 81 + 81a + 90	1,132,353
Taxes Other than Income Taxes 2 Taxes Other than Income Taxes (Note O) Attachment 2 Total Taxes Other than Income Taxes (Line 92) Retern Variable Conference Collections 4 Long Term Interest Preferred Dividends Comman Stock Proprietary Capital Comman Stock Proprietary Capital Less Accumulated Other Comprehensive Income Account 219 Less Preferred Stock Comman Stock Comman Stock Proprietary Capital Common Stock (Note P) Attachment 5 Less Preferred Stock Capitalization Capitalization Long Term Debt Long Term Debt Less Loss on Reacquired Debt Puts Gain on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt Common Stock (Note P) Attachment 5 (Line 101 Long Term Debt Common Stock (Note P) Attachment 5 (Line 102 + 1	6,912,431
92 Taxes Other than Income Taxes (Note O) Attachment 2 93 Total Taxes Other than Income Taxes (Line 92) Return Volonitalization Calculations 94 Long Term Interest printerest printerest print Interest properties of the properties of the printer	298,231,707
92 Taxes Other than Income Taxes (Note O) Attachment 2 93 Total Taxes Other than Income Taxes (Line 92) 84 Long Term Interest p117.52.c through 67 95 Preferred Dividends enter positive p118.29.d Common Stock (Note P) Attachment 5 96 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 97 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 98 Less Preferred Stock (Note P) Attachment 5 99 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 90 Common Stock (Note P) Attachment 5 91 Common Stock (Note P) Attachment 5 92 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 93 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 94 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 95 Less Accountated Other Comprehensive Income Account 219 (Note P) Attachment 5 96 Less Cost on Reacquired Debt (Note P) Attachment 5 97 Less Loss on Reacquired Debt (Note P) Attachment 5 98 Less Loss on Reacquired Debt (Note P) Attachment 5 99 Less Loss on Reacquired Debt (Note P) Attachment 5 99 Less Loss on Reacquired Debt (Note P) Attachment 5 90 Less Loss on Reacquired Debt (Note P) Attachment 5 90 Less Loss on Reacquired Debt (Line 101 - 102 + 1	
Return Capitalization Calculations	10,899,920
Page Preferred Dividends	10,899,920
94 Long Term Interest p117.62.c through 67 95 Preferred Dividends enter positive p118.29.d Common Stock Proprietary Capital (Note P)	
Common Stock Proprietary Capital Common Stock Proprietary Capital Common Stock Proprietary Capital Common Stock Capital Stock	
Common Stock Proprietary Capital (Note P)	320,692,877
Proprietary Capital Ca	0
	9,339,162,134
See Less Preferred Stock Claim 106 Attachment 5	657,984
Common Stock	0
Capitalization Capi	1,805,139
Loss Loss on Reacquired Debt (Note P) Attachment 5	9,336,699,012
102	8,250,250,992
	57,960,830
Total Long Term Debt (Line 101 - 102 + 103	
Peferrad Stock (Note P) Attachment 5	14,425,336 1) 8,177,864,827
107 Common Stock Cline 100 (Sum Lines 105 to 10 108 Total Capitalization Common Stock Cline 105 to 10 109	0,177,004,027
Total Capitalization	9,336,699,012
110 Preferred % Common % Preferred Stock Common % (Line 106 / Line 108) (Line 107 / Line 108) 112 Debt Cost Preferred Cost Preferred Stock (Line 95 / Line 105) (Line 95 / Line 106) (Line 95 / Line 106) (Line 95 / Line 106) 113 Preferred Cost Cost Common Stock (Note J) (Note J) 114 Weighted Cost of Debt (Vector) Total Long Term Debt (WCLTD) (Line 109 * Line 112) 115 Weighted Cost of Preferred Preferred Stock (Line 113) (Line 110 * Line 112)	17,514,563,838
111 Common % Common Slock (Line 107 / Line 108) 112 Debt Cost Total Long Term Debt (Line 94 / Line 105) 113 Preferred Cost Preferred Stock (Line 95 / Line 106) 114 Common Cost Common Stock (Note J) Fixed 115 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 109 * Line 112) 116 Weighted Cost of Preferred Preferred Stock (Line 110 * Line 113)	46.69%
112 Debt Cost Total Long Term Debt (Line 94 / Line 105) 113 Preferred Cost Preferred Stock (Line 95 / Line 106) 114 Common Cost Common Stock (Note J) 115 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 109 * Line 112) 116 Weighted Cost of Preferred Preferred Stock (Line 110 * Line 113) 117 Common Cost Common Stock (Line 110 * Line 112) 118 Weighted Cost of Preferred Preferred Stock (Line 110 * Line 113) 119 Cost of Preferred Preferred Stock (Line 110 * Line 113) 110 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 112 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 111 Cost of Preferred Preferred Stock (Line 110 * Line 113) 112 Cost of Preferred Preferred Stock (Line 110 * Line 113) 113 Cost of Preferred Preferred Stock (Line 110 * Line 113) 114 Cost of Preferred Preferred Stock (Line 110 * Line 113) 115 Cost of Preferred Preferred Stock (Line 110 * Line 113) 115 Cost of Preferred Preferred Stock (Line 110 * Line 113) 115 Cost of Preferred (Line 110 * Line 113) 116 Cost of Preferred (Line 110 * Line 113) 117 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferred (Line 110 * Line 113) 118 Cost of Preferre	0,00% 53,31%
113 Preferred Cost Common Cost (Line 95 / Line 106) 114 Preferred Stock Common Stock (Note J) (Line 95 / Line 106) 115 Weighted Cost of Debt (Note J) (Line 109 * Line 112) 116 Weighted Cost of Preferred (Preferred Stock (Line 110 * Line 113)	33.31%
114 Common Cost Common Stock (Note J) Fixed 115 Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 109 * Line 112) 116 Weighted Cost of Preferred Preferred Stock (Line 110 * Line 113)	0.0392
Weighted Cost of Debt Total Long Term Debt (WCLTD) (Line 109 * Line 112) 116 Weighted Cost of Preferred Preferred Stock (Line 113)	0.0000
116 Weighted Cost of Preferred Preferred Stock (Line 110 * Line 113)	0.1168
	0.0183
THE PROPERTY LOSS OF COMMON LAMBOR STOCK IT IN PROPERTY LINE 1341	0.0000 0.0623
118 Rate of Return on Rate Base (ROR) (Sum Lines 115 to 1	0.0623 0.0806
119 Investment Return # Rate Base * Rate of Return (Line 58 * Line 118)	694,044,243

MIJACH	IMENT H-10A				
	meni n-ida				12 Months Ended
	Rate – Appendix A		Notes	FERC Form 1 Page # or Instruction	12/31/2019
Shaded Compos	cells are input cells ate income Taxos				
	come Tax Rates				
	FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite		(Note I)		21.00 9.00
122	P	(percent of federal income tax deduc		Per State Tax Code	0,00 28,11
	T T/(1-T)	T=1 - (((1 - S/T) * (1 - F/T)) / (1 - S	iii - esi - p)} =		39.10
	C Adjustment			***************************************	748.4
	Amortized Investment Tax Credit 1/(1-T)	enter negative	(Note O)	Attachment 5 1 / (1 - Line 123)	-716,43 139.10
127	Net Plant Allocation Factor			(Line 18)	60.54
128	ITG Adjustment Allocated to Transmission			(Line 125 * Line 126 * Line 127)	-803,26
	eficient/Excess Deferred Taxes Amortization Amortized Deficient Deferred Taxes (Account 410.1)		(Note S & V)		
128b	Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Note T & V)		-113,703,7
	Total 1/(1-T)			(Line 128a + Line 128b) 1 / (1 - Line 123)	-113,703,72 139.10
128e	Deficient/Excess Deferred Taxes Allocated to Transm	nission	1 ,,,,	(Line 128c * Line 128d)	-158,163,47
	FUDC Equity Permanent Difference				
	Tax Effect of AFUDC Equity Permanent Difference 1/(1-T)		(Note U)	1 / (1 - Line 123)	1,196,64 139,10
128h	AFUDC Equity Permanent Difference Tax Adjustment			(Line 1281 * Line 128g)	1,664,54
129 <u>In</u>	come Tax Component≖	(T/1-T) * Investment Return * (1-(V	WCLTD/ROR)) =	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	209,710,99
130 To	otal Income Taxes			(Lines 128 + 128a + 128h + 129)	52,608,80
Kovonuc	Requirement			•	
	ımmary Net Property, Plant & Equipment			(Line 43)	11,166,342,13
132	Total Adjustment to Rate Base			(Line 57)	-2,552,597,96
133	Rate Base			(Line 58)	8,613,744,17
	Total Transmission O&M			(Line 80)	129,886,61
	Total Transmission Depreciation & Amortization Taxes Other than Income			(Line 93)	298,231,70 10,899,92
137	Investment Return			(Line 119)	694,044,24 52,608,80
	Income Taxes			(Line 130) {Sum Lines 134 to 138}	1,185,671,25
	Gross Revanue Requirement			(Sum Lines 134 to 138)	1,100,01 (,2:
	ijustment to Remove Revenue Requirements Associa Transmission Plant in Service	ted with Excluded Transmission Fac	cilities	(Line 19)	12,258,566,55
141	Excluded Transmission Facilities		(Note B & M)	Attachment 5	40.050.500.50
	Included Transmission Facilities Inclusion Ratio			(Line 140 - Line 141) (Line 142 / Line 140)	12,258,568,55 100.00
144	Gross Revenue Requirement			(Line 139)	1,185,671,29
	Adjusted Gross Revenue Requirement			(Line 143 * Line 144)	1,185,671,28
	evenue Credits & Interest on Notwork Credits Revenue Credits		(Note O)	Attachment 3	24,750,24
	Interest on Network Credits		(Note N & O)	Attachment 5	
148	Net Revenue Requirement			(Line 145 - Line 146 + Line 147)	1,160,921,05
Ne	et Plant Carrying Charge				
149	Gross Revenue Requirement			(Line 144)	1,185,671,29
	Net Transmission Plant, CWIP and Abandoned Plant Net Plant Carrying Charge			(Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150)	11,122,380,98 10.6602
152	Net Plant Carrying Charge without Depreciation			(Line 149 - Line 81) / Line 150	8.0410
153	Net Plant Carrying Charge without Depreciation, Return,	nor Income Taxes		(Line 149 - Line 81 - Line 119 - Line 130) / Line 150	1.3279
	et Plant Carrying Charge Calculation per 100 Basis Po Gross Revenue Requirement Less Return and Taxes	int Increase in ROE		(Line 144 - Line 137 - Line 138)	439,018,24
155	Increased Return and Taxes			Attachment 4	810,526,0
	Net Revenue Requirement per 100 Basis Point increase Net Transmission Plant, CWIP and Abandoned Plant	in ROE		(Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a)	1,249,544,32 11,122,380,98
158	Net Plant Carrying Charge per 100 Basis Point increase			(Line 156 / Line 157)	11.2345
159	Net Plant Carrying Charge per 100 Basis Point in ROE wi	thout Depreciation		(Line 156 - Line 81) / Line 157	8.6153
	Not Revenue Requirement			(Line 148)	1,160,921,0
	True-up amount Plus any increased ROE calculated on Attachment 7 other	er than PJM Sch. 12 prolects not paid i	by other PJM transmission zones	Attachment 6 3 Attachment 7	27,631,67 6,204,98
162	Facility Credits under Section 30.9 of the PJM DATT			Attachment 5 (Line 160 + 161 + 162 + 163)	1,194,757,70
163				(min 100 - 101 - 104 - 196)	11104112111
163 164	Net Zonal Revenue Requirement				
163 164 Ne	net zonal Revenue Requirement atwork Zonal Service Rate 1 CP Peak		(Note L)	Attachment 5	9,978
163 164 Ne	etwork Zonal Service Rate		(Note L)	Attachment 5 (Line 164 / 165)	9,976 119,735.8

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

12 Months Ended 12/31/2019

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 fillings, or transmission siting itemized in Form 1 at 351.h
- H CWIP can only be included if authorized by the Commission
- I The currently effective income tax rate where FiT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes
- J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC
- PBOP expense shall be based upon the Company's Actual Annual PBOP Expense, until changed by a filing at FERC
- The actual Annual PBOP Expense to be included in the Formuta 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, PSE8G 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 reconcilitations
- M Amount of transmission plant excluded from rates per Attachment 5
- N Quislanding 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 "8A2488"."
- 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 delicient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.
- Deficient deferred income taxes will increase tax expense by the amount of the deficiency multiplied by (1/1-T) (Line 128e).
- T includes the amortization of any excess deferred income taxes resulting from changes to income tax taws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.
- Excess deferred income taxes will decrease tax expense by the amount of the excess multiplied by (1/1-T) (Line 128e).
- U Includes the annual income tax cost or benefits due to the AFUDC Equity permanent difference. (1/1-T) multiplied by the amount of AFUDC Equity permanent difference included in Line 128f and will increase or decrease tax expense by the amount of the expense or benefit included on Line 128f multiplied by (1/1-T) (Line 128h).
- V Unamortized Excess/Deficient Deferred Tax Regulatory Liabilities/Assets and the Amortization of those Regulatory Liabilities/Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Tazas (ADIT) Worksheet - December 31,2019

	Only Transmission Related	Plant Related	Labor Related	Toda ADIT	Page 1 of 3
ADIT-182 (Hat Subject to Proradon) ADIT-183 ADIT-183 ADIT-183 WORRE & Sallary Allocator Her Plant Allocator End of Year ADIT End of Year ADIT End of Proving Year ADIT (from Sheet (A-ADIT)	0 0	(4,905,051) (4,905,051) (4,905,051) (2,909,291) (1,902,669)	0 (967,854) 4,447,981 3,480,127 16,5000% 574,221 558,481	From Acct. 232 (Not Subject to Provation) solal, below From Acct, 133 Isrlal, below From Acct, 130 Isrlal, below (2,395,870) (1,395,870)	
Average Beginning and End of Year ADIT ADIT- 282 (Subject to Providion) Yotal Accumulated Deferred Income Taxos	(1,852,258,618)	(7,480,587) 0	556,351 (5,529,854)	[1,9:1,4:629] [1,9:17,793,4:72] From Acut, 292 (Subject to Proration) lotal, below [1,9:59,703,101] Appendix A, Line 44	

Note: ADXT 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
(4.9%,D51) < From Act 223, below

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

A	B Total	C Gas, Prod	מאיצ	E	F	Ġ
ADIT-199		Or Other Related	Transmission Related	Plant Related	Labor Related	Jzetification
ADIT - Contribution in Aid of Construction	30.572.191	30.572.191			٥	Represents the estimated RC 118 amount (CIAC)
CPEB	153,526,057	0	0	0	153.826.057	FASB 106 - Post ReGrement Oblication, labor related,
Deferred Divisions Equivalents	1,797,096			. 0	1,797,096	Book account of dividends on employee alock options affecting all functions
Delerred Compensation	356,287.	0	0	0	358 287	Book estimate approved and extremed, tax deduction when read - emokwees in all functions
Bankrundeien S Acfe	209.847	209.647	0	<u> </u>	۰	Sook setimate accrued and expensed, for deduction when paid - Generation Related
Federal Taxes Deferred	26,908,105	0		26,908,105		FASB 109 - defected that beset originally precipited with Herris previously flowed through due to regulation
Miscellaneous	2,292,596	0	. 0	0	2,292,598	Various
Subtotal - p234	218,764,181	30,782,038	٥٥	26,908,105	158,074,038	
Less FASS 109 Above II not separately temoved	26,908,155			26,908,105		
Less FASB 106 Above If not separately removed	153,626,057				153,626,057	
Total	55.230.019	30,782,038	0	0	4.447.981	

Instructions for Account 190:

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

6. Deferred income tazes stips when items are included in tazable income in different periods than they are included in tates, therefore if the item giving rise to the ADXT is not included in the formula, the associated ADIT amount shall be excluded.

Public Service Blecinic and Gas Company ATTACHINENT H-18A Attachment 1 - Accumulated Deferred Income Taxes (AUT) Wortsheel - December 31,2019

Attachment 1 - Accumulated Deletred Income Taxes (ADIT) Worksheet

Page 2 Id 3

•	-	ن	٥	u	_	0
ADT. 282 [Hot Subject to Procesion]	Total	Gas, Prod	Only	Pierr	Labor	
		Kewing	Market	Carriera	The state of the s	
Accounting for income Tarms	(374 980 ZVA)	(367.274.350)	(0.800.80)	9	(18)	TION, INC. 1753 THE CHARLES LIN MANING PRINCIPLE AND DESCRIPTION OF SECULO PRINCIPLE SECULOR SECULORISMS.
Subtonel - ADIT- 232 [Not Subject to Protation]	(100,000,100)	(257.274.955)	(57,560,663)	0	(105,185)	
Leas FASS 109 Above of not separately removed	(324,980,204)	(267,274,355)	(57,600,663)		(105,185)	
Less FASB 108 Above # not separately removed						
Total ADIT-282 (Not Subject to Prevation)	q	9	0	0	۵	
*	5	v	۵	u	Ľ	ט
	Total	Cas, Prod	Ajuo	i		
ADIT-282 (Subject to Provedan)		Orother	Transmission Related	Related	Refered	100 a 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Generalism - Derakon Dersectator Frebrish	898 162 507 50	(1,369,131,152)	11,330,991,3291	ō	(32.415.405)	For indexal - Column D may one his direct estatement of provated ADT associated with Transmission assets, column Frepresents ADIT associated with the allocation of common hint and column C nonewark selfmeted destricts distribution ADIT.
Depreciation - Department Depreciation (State)	(6:8.781,776)	(66.415.624)	(531.267.289)	o	(1388,851)	For sixto - Column D represents the direct resignment of provided ACM rescribted with Transmission waysh, column F represents AXX (1988,853) issuedated with the allocation of common stant and ooklimn C represents estimated alectical distribution AXX.
Subtotal - ADNT-252 (Subject to Proviition)	[238,816,136,6]	(11,455,546,776)	11,862,258,818;	٥	(33,514,268)	
Leur FASH 109 Above if not aeporately removed						
Less FASB 108 Above if not separately removed						
Total ADIT-292 (Subject to Proration)	(2,35,215,215)	(1,455,546,776)	(1,862,258,618)	٥	[33,514,268]	

instructions for Account 262;

4. ADIT bems subject to the BIS's provation methodology at vall be included in the ADIT-202 (Statiset to Provation in order to avoid the two-step averaging of proxited ADIT taktores

2, ADIT frems related orby to Non-Execute Operations (e.g., Gas, Waler, Sewel) or Production are directly assigned in Column C

3. ADIT Rems related only to Transmission are directly assigned to Column D

A. ANY Rent representant to transmission are directly autopress to course u.

8. ADIT Kems telaled to tabor and hot in Columns C.S. Darr included in Column F

6. Defered tecame lases after when lients are included in basable became in different periods than they are actualed in rates, therefore it the lient giving las to the ACTI is not becluded by the formata, the searchished ADT amount that be excluded

Public Savies Electic and Gas Company ATACHMANT H: 400 AT

A ADF: 283	B Toled	Ges, Prod Or Other Relend	D Only Thansmission Related	Plant	F Section	only responsed
Emfrancental Cleans Costs	(%).165.2631	(61.165.265)	a	0		D Book estimate accound and emonand, tax deduction when taid - Mandatiand Gas Plants
#64.]or	83(88)8	8,156,568	ď	0	٥	New Jones Corporate Income Tarr - Plant Rolated-Compa Account of 190 N.C.B.T.
	,	(15.995.63.0)	٥	0	٥	Demand Side management and Associated Programs - Retail Related
Sons on Reacculated Debi	(4,905,051)	0	0	(4.905.051)	0	0 Tax deduction when reaccuired, backed emotices to ercense
Additional Persion Deduction	(385,284,281)	(112,284,785)	0	c	0	0 Associated sift) Pension Uspolity net in 12/cs
200	(15.627.499)	(14 659 640)	0	0	P67.854)	1967 855) Wiscollandox Tar Atlanticents.
Defenred Galen	(58.859.862)	(\$3.259.66Z)	d	Ď	٥	Deferred pain meubod from 2000 descondation step up been
Accounting for Income Taxes (FAS 105) - Federal	186-129-9581	0	d	(86,129,958)	•	D FASB 109 - clouring the Juddite pulments pomplent rejuted forms previously fewer; prompt due to regulation
Subtotal - p217	(276,825,482)	(284,818,629)	0	1900,800,191	(967,854)	
Less FASB 109 Above if not separately removed	(85,129,950)			(86,129,958)		
Leas FASB 106 Above Frod appairable removed						
Total	(163,163,065)	(284,818,629)		(4,305,051)	(967,854)	

1, ADIT kems misted only to Non-Execute Operations (e.g., Cas, Water, Sewer) or Production are disectly assigned to Column C

2. ADIT Nerrs related only to Transmission are directly assigned to Column D

3. ADIT Arms related to Plant and not in Columns C & D are included in Column E

4. ADIT tems related to labor and not in Calumas & & D are included in Column F

6. Deferred become has a site when terma at a texthable become in offerend periods than they are behaved in take, iterators the bean giving ite to the ADIT is not behaved in the formula, the associated ADIT smooth shall be excluded

Public Bervice Exertic and Cas Company Attachment 1.4 - Accumulated Defende Income Trans (ADI) Worlscheet - December 31, 2018

Page 1 of 3

	Transmission Related	Plant Related	Labor Related	Touf ADIT
f to Provations	0	•	0	From Acct. 282 (Not Subject to Provation) total, below
	6	(3,291,743)	44,571	From Accd. 283 total, belong
	o		3340,160	From Acrt. 190 total, below
	0	(3.291,743)	3,364,730	
2			16.5000%	
		80.5354%		
	0	(1,992,069)	558,451	(681° rtp*1)

HOSF. ADT ASSICTED WITH GAST OF BESTEWING DRIVE INTERNATION COLUMN A PRIVE AND INCLUDED IN CORT OF DRIVEN A LIFE TOB. Abborn ALL ABOVE.

in then and this stackment, a tall and complete chestriphics of each them and justification for the absorates to column B-7 and each separate ADIT beamwill be Teach as a measure exceeding 5100,000 will be fasted apparently.

≺.	œ	ű	۵	w	u.	*
190	Total	Gas, Prod Or Other Related	Goly Transmission Printed	Plant	Refered	Jauneess
- Contribution in Aid of Construction	E17.179.00	33.971.473	0	8	0	Recresents the selfmated BC 118 annount GMsC
W Par	47,961	0	0	0	47.961	42,093. Vacation are sented and orders and for books, the deduction when tolid - engineered in all functions.
	152,074,701	8	0	ō	152,074,705	152 074 701 FASS 106 - Pool Reviewent Obligation, labor related
and Divisions Enuit alonis	2,888.518	-0	0	a	2,000,015	2.886.915 Book pocuse of childrends on employing glock collegies affecting all fencions
ed Complement	131,404	0	0	٥	404.183	404-183 Book switneste accused and expensed, Let deduction when haid - employees in all functions
upitibes \$ Acta	248.554	248.554	0	ō	0	0 Book estimate excitant and expensed; the deduction when paid a Generation Related.
al Tares Deferred	13.454.052	0	0	13 454 952	0	FASE 109 - deferred far stead orithan its meanabled with forms proviously flowed formants due to manifelian
enosite.	\$71.742.356	577.742.356	0	0	0	0 lockson the propercipion as cases signatured terms
441-p234	780,831,256	611,962,383	0	13,454,052	155,414,869	
FASB 109 Above if not separately removed.	13,454,052			13,454,052		
FASS 106 Above if not sample by temover	101,470,521				152,074,701	
	612 404 313	246 273 383	¢		4 440 480	

Instructions for Account 190:

1. ADIT frems related only to Kon-Electric Operations (e.g., Cas, Water, Sewir) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3, ADCT from related to Plant and not in Columns C.& Date Included in Column E.

4. ADT Hems related to labor and not in Columns C & D are included in Column F

6. Deferred icrosse Lass also when Hend are beclubed in basable forome in different periods than Newy are included in a hand, in the man graphing like to the ADRI for not included in the forms, the associated ADRI amount shall be excluded

Public Service Beeric and Gas Company ATACHMENT Fillor ATACHMENT Fillor ATACHMENT Fillor ATACHMENT Fillor

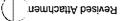
Page 2 of 3

Attachment 1 - Accumdated Deferred Income Taxes (ADIT) Worksheet

For desiral. Carrier Dispussors the street suppress of parameters (are incident in Timensman much, channe) impressed ASIT (2.2014.G) preseded the broadcast of the properties of propert 284.855) FASB 178 - determed ter Tebility primural, esecciated with plans related froms previously flowed floward states in translation. (754.89S) (284.25S) (2) 452 XH 11.553.265.3471 D Oraly Transmis slon Retained D Drahy Transmission Releted 287.374.356 (0.147.1565) (0.147.1565) (0.147.1568) (0.147.1568) Gas, Prod Or Other Releted Cas, Prod Or Other Releted 317,127,3573 G942775.15D n or Total Less FASB 106 Alove if not separately tennoved Less FASB 106 Alove if not separately removed Total ADT-252 (Subject to Provision) Less FASE (108 Above # not separately removed Less FASE 108 Above # not separately removed Total ADT-222 (Hat Subject to Protation) Agranting lig become Teams Subtotal - ADT - 282 (Not Subject to Providon) n - Liberakted Depreciation (State) Subtokal - ADIT-282 (Subject to Proration) ACMT-282 (Hat Subject to Provation) ADVT- 282 (Subject to Proration)

Instructions for Account 282:

- t. ADIT thens subject to the WS's prosition methodology stud be subdeed in the ADIT-222 (Subject to Picaribor) section in order to wood the function growing of provised ADIT behaves
- 2, ADIT fems related only to Man-Electric Operations [e.g., Gax, Water, Sewel] or Production are directly assigned to Cohum C
- 3. ADIT froms related only to Transmission are directly assigned to Column D
- 4. ADIT kems related to Plant and not in Columns C. & Dure Included in Column E
- 5. Abif Rens related to labor and not in Columns C.B. Dare included in Column F
- 6. Deferred brome to res arise when terms are brokeded in trastele brome in different perfoot than they are included in rates, therefore if the term giving itse to the ADIT is not included in the formula, the associated ADIT amount abalf he established



Public Service Electrics and Gas Company ATTACHMENT H-Roc Attachment IA - Accumulated Deforted Income Taxes (ADNI) Wothsheet - December 31, 2018

C XX E ADES

	625'97	[C92'142'E]	0	(865,878,885)	(114,558,825)	leto?
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		(00£,802,25)		1	(006,805,25)	beworth (Alexagas for it wood a Edit HEA's ass.)
	P72,62	(CA2, RET, RS)	ō	(805,878,885)	(015,456,485)	1150-1430kh-2
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A SECONDARY WITH EMISSION LINES WAY ON IN DRIVER	0	0	0	<u>जिस्कावम्स</u>	खादशदम्ब	notizubeG notene 9 tonoinitob.
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Year Jonney Connormal Tax - Plant Habited- Contra Assessmil of 190 MJCBT	a	0	9	\$62,656.01	Ses great	3m1 arrentation Business Tax
street se2 basisselves/4 - blea matry exilasional, her require bornes elemines stock	0	0	0	G1.165.265)	(685,281.18)	Environmental Cleans
ned solution.	Notal) Related	Resign Soleloff	tolatimanani batalah	Palaks Or Oake		265.71ADA
	vdai	and led	YNO	borg, Prod	Total	885 3104
g	4	a	a	Þ	9	v

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3. ADIT Rems related only to Non-Electric Operations (e.g., Gaz, Wales, Sevent or Production are raterity assugned to Column C

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Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2019

Oth	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount	
	Plant Related				
1	Real Estate	22,188,000			Attachment #5
2	Total Plant Related	22,188,000	N/A	8,848,000	
	Labor Related	Wages	s & Salary Alloc	ator	
3 4 5 6 7	FICA Federal Unemployment Tax New Jersey Unemployment Tax New Jersey Workforce Development	11,122,823 251,132 536,298 525,625			
8	Total Labor Related	12,435,878	16.5000%	2,051,920	
	Other included	Ne	t Plant Allocato	r	
9 10 11 12					
13	Total Other Included	0	60,5354%	0	
14	Total Included (Lines 8 + 14 + 19)	34,623,878		10,899,920	
	Currently Excluded				
15	Corporate Business Tax	0			
16	TEFA	0			
17 18	Use & Sales Tax Local Franchise Tax	0			
19	PA Corporate Income Tax	0			
20	Municipal Utility	ŏ			
21	Public Utility Fund	0			
22	Subtotal, Excluded	0			
23	Total, Included and Excluded (Line 20 + Line 28)	34,623,878			
24	Total Other Taxes from p114.14.g - Actual	34,623,878			
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, 2019

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)		600,000
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		5,040,000
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		10,200,000
7 Professional Services (Note 2) 8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)		45,000 7,550,991
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)		4,805,691
10 Gross Revenue Credits	(Sum Lines 1-9)	28,241,682
11 Less line 18 12 Total Revenue Credits	- line 18 line 10 + line 11	(3,491,440) 24,750,242
15 Loter Veseting Ougus	M10 10 1 1110 11	w 110 Anter 1st
13 Revenues associated with lines 2, 7, and 9 (Note 2) 14 Income Taxes associated with revenues in line 13		5,450,691 1,532,189
 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 	t.	1,959,251
issue. 17 Line 15 plus line 16		1,959,251
18 Line 13 less line 17		3,491,440

- 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.
- 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).

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 Α

Line 27 + Line 47 from below

810,526,076

47

Total income Taxes

1 0000

70,563,511

8	100 Basis Point increase in ROE			1.00%
Return (acculation		Appendix A Line or Source Reference	
1	Rate Base		(Line 43 + Line 57)	8,613,744,172
2	Long Term Interest		p117.62.c through 67.c	320,692,877
3	Proferred Dividends	enter positive	p116.29.d	o
	Common Stock			
4	Proprietary Capital		Attachment 5	9,339,162,134
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	657,984
6	Less Preferred Stock		(Line 106)	C
7	Less Account 215.1		Attachment 5	1,805,139
8	Common Stock		(Line 96 - 97 - 98 - 99)	9,336,699,012
	Capitalization			
9	Long Term Debt		Attachment 5	8,250,250,992
10	Less Loss on Reacquired Debt		Attachment 5	57,960,830
11	Plus Gain on Reacquired Debt		Attachment 5	0
12	Less ADIT associated with Galn or Loss		Attachment 5	14,425,336
13	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	8,177,864,827
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 100)	9,336,699,012
16	Total Capitalization		(Sum Lines 105 to 107)	17,514,563,838
17	Debt %	Total Long Term Debt	(Line 105 / Line 108)	46.7%
18	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.0%
19	Common %	Common Stock	(Line 107 / Line 108)	53.3%
20	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0392
21	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
22	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.1268
		m	#D= + 400 + (lo + 440)	0.0183
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0000
24	Weighted Cost of Preferred	Preferred Stock Common Stock	(Line 110 * Line 113) (Line 111 * Line 114)	0.0676
25 26	Weighted Cost of Common Rate of Return on Rate Base (ROR)	Common Stock	(Sum Lines 115 to 117)	0,0859
27	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	739,962,564
Compos	te Income Taxes			
	Income Tax Rates			
28	FiT=Federal Income Tax Rate			21.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tex Code	0.00%
31	T = 1 - (((1 - SIT) * (1 - FIT)) / (1 - FIT) * (1 - FIT)	^ p)} =		28.11%
32	C(T = T)(1-T)			39.10%
33	1/(1-T)			139.10%
	ITC Adjustment			
34	Amortized Investment Tax Credit	enter negative	Attachment 5	-716,424
35	1/(5-7)		1 / (1 - Line 123)	139,10%
36	Net Plant Allocation Factor		(Line 18)	60.5354%
37	ITC Adjustment Allocated to Transmission		(Line 125 * Line 126 * Line 127)	-603,269
	Deficient/Excess Deferred Taxes Amortization			
38	Amortized Deficient Deferred Taxes (Account 410.1)		(Line 128a)	0
39	Amortized Excess Deferred Taxes (Account 411.1)	enter negative	(Line 128b)	-113,703,722
40	Total		(Line 128a + Line 128b)	-113,703,722
41	1/(1-T)		1 / (1 - Line 123)	139,10%
42	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 128c * Line 128d)	-158,163,475
	AFUDC Equity Permanent Difference			
43	Tax Effect of AFUDC Equity Permanent Difference		(Line 128f)	1,196,644
44	1/(1-T)		1 / (1 - Line 123)	139,10%
45	AFUDC Equity Permanent Difference Tax Adjustment		(Line 128f * Line 128g)	1,664,649
46	Income Tax Component = CIT=(T/1-T) * Investment Return * (1-(WCL	.TD/R)) =		227,665,706
	The state of the s			



Page 1 of 3 Previous Year Electric / Non-electric Cost Support Current Year - 2019 Non-electric Descriptions

Flant Association Factors

Electric Plant in Service (Eschutes Asset Retirement Costs - ARC)

Common Plant in Service - Electric

Accumulated Operacions (Total Electric Plant) Notes Page d's & Instructions noineacus noithers Form (Dec 22,375,394,716 228,215,832 4,054,244,063 6,206,457 43,587,118 53,591,621 (Note B) p207,104g (Note B) p356 (Note B & J) p19,29c (Note B) p200,21c (Note B & J) p356 (Note B) p356 21,967,426,367 218,665,109 3,878,355,027 8,751,248 39,157,861 52,754,481 21,993,774,771 215,871,494 3,914,599,000 5,864,166 40,195,093 50,381,678 22,051,969,598 216,919,197 3,947,783,802 6,017,088 41,314,438 51,096,443 22,114,308,367 219,601,760 3,962,258,632 6,150,006 41,569,427 51,830,012 22,233,640,669 220,100,465 4,014,829,800 6,282,929 42,581,724 52,66,957 22,520,651,009 222,097,636 4,051,620,624 0,170,661 43,543,503 52,751,519 22,544,771,207 237,052,398 4,087,774,624 6,259,582 44,418,646 53,617,970 22,569,047,304 237,749,779 4,124,694,718 6,235,065 45,367,225 54,490,574 22,601,575,344 239,031,422 4,162,054,904 6,381,123 45,067,072 55,373,348 21,940,212,019 219,757,362 3,841,765,213 5,615,327 39,368,191 51,992,974 22,835,863,101 239,245,834 4,199,710,465 6,507,161 46,505,377 56,262,540 22,673,350,055 239,357,984 4235,348,876 6,633,239 47,699,549 55,345,983 23,633,461,35 241,324,156 4,264,373,436 6,759,297 48,704,645 57,231,091 9 10 11 12 Accumulated Intangible Amortization
Accumulated Common Plant Depreciation - Electric Plant in Service
Transmission Tiest in Concer | Excludes Asset Retrement Costs - ARC)
Transmission Tiest in Concer | Excludes Asset Retrement Costs - ARC)
Formal Plant in Service - Electric
Common Plant in Service - Electric
Common Plant in Service - Electric
Common Plant in Service - Electric
Common Plant in Costs 387 - Communications
Common Plant Records 387 - Communications
Account Ris. 270 Descript Assettation to Transmission p207.58.g p207.98.g p205.5.g p356 p207.84g p358 Company Recercis 11,975,475,245 329,734,415 11,647,395 219,737,382 20,895,453 79,226,233 12,431,418 11,683,919,582 330,225,641 11,647,395 218,656,109 19,945,044 79,226,233 12,189,144 11,892,781,915 331,004,553 11,647,395 215,871,494 18,498,710 29,256,233 11,617,610 12,031,455,248 329,851,275 11,647,395 218,919,197 17,628,637 29,226,233 11,298,972 12,073,176,581 331,318,552 11,647,365 219,601,760 17,950,603 29,246,233 11,263,939 12,374,665,247 329,617,346 11,426,245 222,097,605 18,051,605 29,254,239 11,192,536 12,377,277,580 330,496,623 11,406,246 237,052,398 18,186,605 29,256,233 11,192,538 12,381,742,913 331,416,727 11,235,571 237,749,771 18,311,505 29,258,233 11,192,538 12,366,331,246 331,871,877 11,235,671 239,031,422 18,435,605 29,097,554 11,187,538 12,416,119,579 \$33,677,487 11,225,671 239,245,834 18,561,605 29,097,554 11,192,338 12,428,475,912 334,664,954 11,235,871 229,337,961 18,686,606 29,067,534 11,192,538 12,258,568,565 331,405,374 11,451,640 228,215,832 18,700,675 29,203,705 11,408,754 (Note E) (Note E) (Note E) (Note E) (Note E) (Note E) (Note E) 12,178,552,914 329,724,124 11,647,396 230,100,485 17,988,570 20,266,233 11,192,538 12,758,390,245 335,721,146 11,235,671 241,372,155 18,775,826 29,049,412 11,156,738 mulated Depreciation
Transmission Accumulated Depreciation
Accumulated Centeral Depreciation
Accumulated Centeral Depreciation
Accumulated Common Part Depreciation A Amortization - Electric
Accumulated Sciences Depreciation Associated side Acct, 387
Acc, Deprecia Acct, 397 Directly Assigned to Transmission (Note B 8.3) p219.25.c (Note B 8.3) p219.26.b (Note B 8.3) p356 (Note B 8.3) Company Records (Note B 8.3) Company Records 1,024,866,880 172,947,040 91,361,155 23,746,383 1,043,775,317 172,879,422 91,912,372 22,607,385 12,515,764 1,080,777,374 171,394,781 92,410,881 21,092,442 1,062,849,480 173,103,977 90,576,169 22,468,742 1,097,285,711 172,467,213 90,419,439 21,658,641 1,115,557,801 169,494,932 95,148,281 22,130,274 1,135,018,730 170,021,775 96,295,023 22,683,661 1,153,793,884 170,537,677 98,036,815 23,370,043 1,102,676,229 171,238,502 101,460,420 24,263,134 1,229,766,386 173,406,963 104,945,532 25,470,413 1,172,684,966 171,119,065 99,857,869 23,854,661 12,177,149 1,211,951,453 172,678,224 102,867,917 24,875,540 1,249,306,157 173,156,816 105,905,636 1,136,185,567 171,690,645 97,179,640 23,357,436

Wages & Sab	(7			
Line #s	Descriptions	Notes	Page 3's & justications	End of Year
3 1	Total Wage Expose Total ASC Wages Expose Transmission Wages	(Note A) (Note A)	p854.20s p854.27s p854.77s	207,904,663 1,904,669 13,000,000

Transmission	n / Non-transmission Cost Support					
Line As	Pracriptions	Notes	Page We & Instructions	Beginning Year Balance	End of Year	Average
	Plant Held for Future Use (Including Land)	(Note C & Q)	pole-atio	20,440,107	27,040,107	24,190,107
46	Transmission Only			18,702,478	24,205,478	21,553.678

		Sectic Beginning	Electric End of		Wege & Salary	
Notes: Fage #5 & Instructions	Previous Year	AGEL ROMUCO	Yen/ Bamnce	Average Balanca	ABOCSTOT	To Line 47
place A.S.O; p111.57c	1,679,232	1,579,232	1,679,232	1,679,232	18,500%	277,073
	Note: Page WS & Instructions (Note: A & C): p111.57a	Notes Proje 8's & Instructions Previous Year	Holes Page # & Instructions Provious Year Balanco	Holes Page #6 & Instructions Provious Year Balance Year Balance	Holes Page #6 & Instructions Previous Year Balance Year Balance Average Balance .	Holes Fage # & Instructions Previous Year Balance Assesse Balanca Adocator - Adocator

Materials and	Supplies						
Line Bs	Descriptions	Hates	Page #F & Instructions		Reginning Year Salance	End of Year	Average
	Maierials and Supplies						
48 51	Undalabled Sloves Exp Transmission Materials & Supplies	(Note O) (Note N & O)	p227.48.b.c p227.48.p.c	par.	0 29,539,555	29,539,555	0 29,539,555

Outstandin	Network Credits Cost Bupport						
Line Se	Descriptions	Notes Page #s & Instructions	Beginning Balanc	Year	of Year	Average	
Lave Fa	Descriptions Noteoris Credits	177					
56	Outstanding Network Credits	(Note M & O)) From PMI		0	٥	•	0

OBM Expens	··				
Line #s	Descriptions	Notes	Page #s & Instructions	Price Price	of Year
58 50	Transmission O&M Transmission Lease Powerts	(Note C)	p.321.112.b p321.96.b		10,528,262 G

Propert	Insurance Expenses				
Line #c	Descriptions	Notes	oge #s & instructions	End of Year	1
	•		<u></u>		
	5 Property Insurance Account 924	(Note O)	323.185b	3,677,140	1

Page 2 of 3

20,00

10,359,563 125,538

5	Line for Descriptions	Holes Page F. & letiruthons	End of Year
ß	Total AEG Expresss	ענודלא	Conformal);
82	Actual PROP experies Actual PROP experies	(Nate J) Company Preparts (Nate Q) Company Preparts	sisara sisara
Requirement E	Regulatory Expense Related to Transmits then Gost Empach		
Lhe *	Lhe#s Descriptions	Notes Page 63 & Instructions	Janathako Endat Yenr Rained
	Abocated Deneral & Common Expenses		

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(Note G & C) p351,11-13n (NATE & CO) pOZX1880 Reputatory Commission Broadcourt S28 Directly Assigned AAO Regulatory Commission Exp. Account 978

Canaral & Common Expenses

. B.	e Re Descriptions	NOSes Page 18 & Estrictions	End of Year 6P til Dote	Al Dota	
8	Less EPRIDues	হেত্তে ও গুলু বন্ধ	u	o	
'Hy Related	ety Related Advectisky Cost Support				
	e be Descriptions	Hores Page 6 a kinstructions	End of Year Safety Related Related	Non-sale by Related Related	,
	Directly Assigned A& G				
æ	General Adventising Exp Account (00.1	hwe k.b.) xxxx inb	3,492,897	3,462,891	ŝ

Education and Out Reach Cost Support

(Note K.2.O) p323.191b Directly Assigned ASG Genesi Adventing Etg Account 930.1

Notes Page # & Instructions

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Che	*	Descriptions	Nobes	Nober Page B's & Includions	
		December Evence			
_					
	5		New JE C) p336.72	12 Epid	
	85	100	DE	Note J.R.O.) p336.10611.t	
_	2	Depreciation-General Expense Associated with Acot, 397	tota JAO	Company Recents	
_	2	Depreciation-handible	NOBA & CO	1232.1	
_	8	Transmission Depreciation Expense for Acct, 397	toe Ja Oj	Company Records	

Officed Assignment of Transmission Real Estate Taxes

Notes Page Ps & Inchwitians pate 133

Descriptions
Real Estine Taxes - Directly Assigned to Transmission

End of Year Related Transmission 22,186,000 3,640,000 13,340,000

291,319,276 28,572,417 4,771,700 11,226,065 1,192,353

3,492,891

3,402,091 End of Year

Page 3 of

Revised Attachmen

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Une %	Descriptions	Moues. Page s'a à huituitions.	2016 End of Year 2017 End of Year		Average	•
8	Proprietary Capital Accountable Observations became Account 219 Accountable Observations became Account 219 Accountable Observations became Account 219		8,774,388,736 816,474 3,187,722	8.RCD;835,477 409,464 422,555	9,339,162,134 557,864 1,645,139	
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	Income Tax Rates			ă		

Amortiz.	Amorbized Investment Tax Credit																	
ž,	Une its Descriptions	Norse	Notes Page #5 & Instructions			١										End of Year		Γ
t)	125 Anotized Investment Tar Cincil	(Note C) porto.	parael													715,424		
Erchide	Excluded Transmission Facilities																	İ
Une	Line the Descriptions	Notes	Notes Page #'s & Instructions Form 1Dec	Yn 1Dec	Jan.	£	Ą	Ape	Mary	earl.	, full	ę m	Sep	g.	Mery	Form 1 Dec Average	Avetage	Г
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Facility Cred	Seculty Credity under Section 30,0 of the PUM OATT		1
Jne ex		Rote Pay-25 & Instructions End at Year	
;	Revenue Requiement		

Une Be	Descriptions		BRH Plaject Project X Project Y	
Atlactivence? b	Beginsing Beanne of Unannation Transmission Projects Version remarked for Annational Programs Transmission Depretation Depretation Part Plats Transmission Depretation Depretation Depretation Commission of Limited Team Plats	Per FERC Oxider Per FERC Oxider (Arts at line b)	47 47 47 47 47 47 47 47	
~ •	d Ending Balance of Unamoritized Transmission Projects Average Balance of Unamoritized Azandoned Transmission Projects	(line a - line c) (line a + d)/2		
B M Matchemater 1	g Man kronton Return and kronon Tame. h Rain Shad i Non kronton Return and kromo Tame.	(Appendix A line 137+ line 138) (Appendix A line 58) (line g+line it)	40 40 3 1 4	
	Occited No. FR12-2274-200 authorizing \$3,500,000 amprovation case construction provider of BRH Abandoned Transmission Project	RM Abandoned Transmission Project	ER12/2774	

Public Service Electric and Gas Company ATTACHMENT H-10A

Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2019

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

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

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

Where:

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

Summary of Formula Rate Process Including True-Up Adjustment

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

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

Α	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.
^	
В	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.
Ç	Difference (A-B)
0	Future Value Factor (1+i)^24
F	True-un Adjustment (C*D)

1,211,730,993
1,185,164,918
26,586,074 <Note: for the first rate year, divide this 1,04011 reconciliation amount by 12 and multiply 27,531,675 by the number of months and fractional months the rate was in effect.

Where:

i = average interest rate as calculated below

Interest on	Amount of	Refunds	or	Surcharges

	or Kelulus or Gurellanges	
Month	Yr	Month
January	Year 1	
February	Year 1	
March	Year 1	
InqA	Year 1	
May	Year 1	0.1000%
June	Year 1	
July	Year 1	
August	Year 1	
September	Year 1	
October	Year 1	
November	Year 1	0.1200%
December	Year 1	
January	Year 2	
February	Year 2	0.1300%
March	Year 2	0.1900%
April	Year 2	0.1900%
May	Year 2	0,1800%
June	Year 2	0.1800%
July	Year 2	0,1900%
August	Year 2	0,1800%
September	Year 2	0.1800%
Average Interest Ra	ila	0.1540%

Public Service Electric and Cas Company
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(1)			٥	0	0	٥	0	0	٥	0	0	٥	6	0	0	0	ŀ	0		\mid
(6)			٥	0	٥	0	a	0	G	٥	a	٥	٥	o	0	0	۱	o		
0		Other Projects P15 (monthly additions)	11,976,476,249	7,443,333	8,862,333	38,673,333	41,721,333	103 376 333	196,112,333	2,612,333	4,465,333	14.588,333	13.786.333	18,356,333	379,814,333	12,758,390,245		981,414,B34		
L		Cober	11									_			_	L	though	1	LI UXIO	rage
(1)			Dec-19	Jan	Feb	Mar	Apr	Kay	Ę	195	Aug	Sep	8	Nov	Dec	Total	Average 13 Month	Kalance	service	13 Month Average
E																				
1																				
(6)			0	0	٥	0	٥	o	٥	0	o	٥	°	Ó	o	٥				
			0 0	0 0	0		0	0	0	0	0	0	0		0 0	0				
(6)						o		a	a		O		٥		0					
(a) (a)			0	0	0	o	a	a 0	a	0	O	9	٥	0	0 0	o				
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(P) (E) (P) (G) 1			0 0	اه ده اه ده	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				
		Others)	10 10 10	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	6 0 0 0		0 0 0				
(5) (6) (6) (7) (9) 1		Cither Projects PIS (Intractity additions)	10 10 10	10 10 10 10	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				

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimale and Reconciliation Worksheet - December 31, 2019

Page 2 of 11

1841		A Company	4 = 4	endige in	animi metama	::	Estimated Tran	smission Enhancem	ent Charges (Molara Trus-L	p) = 2071 9		:: ·······				
													_			
1																
								Branchburg-				Reconductor	Reconductor	Reconductor		
		Sranchburg	Kittalinny	Essex Aldene	New Freedom	New Freedom	Metuchen Transformer	Flagtown- Somerville	Flagtown-Somerville-	Roseland	Wave Trap Branchburg	Rudson - South Waterfront	South Matriath 3-3410 Circuit	K-3411 Cloux	Branchburg 400 MVAR Capacitox	Albenia Upgrade
L-	Total Projects	(B0130)	(80134)	(80145)	Trans.(80411)	Loop (80496)	(80161)	(80169)	Bridgevater (B0170)	Transformers (80274)	(80172.2)	(80813)	(B1017)	(81018)	(80290)	Cable (80472)
	490,646,817	1,637,120	664,682	7,120,018	1,806,282	2,290,326	2,206,673	1,349,529	590,205	1,805,780	2,319	812,756	1,249,162	1,919,620	7,055,589	1,318,877

			Maria Berrana	in with the		Actu	ai Transmission Enh	incoment Charges = 2017	. N. H	Harren in N	·. 1-21.	·		1 1	
						****	Branchburg-				Reconductor	Reconductor South Mahwah	Reconductor		
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Metuchen Transformer	Flagtown- Somerville	Flagtown-Somerville-	Roseland	Wave Trep Branchburg	Hudson - South Waterfront	J-3410 Circuit	K-3411 Circuit	Branchburg 400 MVAR Capacitor	Athenia Upgrade
Total Projects	(B0130)	(B0134)	(80145)	Trans.(BD411)	Loop (30498)	(B0161)	(B0169)	Bridgewater (80170)	Transformers (B0274)	(B0172,2)	(80813)	(B1017)	(B(C(8)	(80290)	Cable (80472)
586,633,835	2,199,635	894,158	9,579,691	2,429,204	3,084,752	2,973,432	1,818,367	794,917	2,433,270	3,120	1,096,394	2,495,347	2,591,411	9,526,626	1,781,001

Public Service Electric and Gas Company ATTACHMENT H-16A Attachment RA - Project Specific Estimate and Reconciliation Viorksheet - December 31, 2019

Page 7 of 11

	Total Projects	Branchburg (80130)	Kitatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans. (80411)	New Freedom Loop (80498)	Meluchen Transformer (B0161)	econcillation by Proj Branchburg- Flagionn- Somerille (80169)	Flagtows-Somervillo- Bridgewater (B0170)	Roseland Transformers (B1274)	Wave Trap Branchburg (801722)	Reconductor Hudson - South Waterforth (80813)	Reconductor South Matiwah J-3410 Circuit (B1917)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MAYAR Capacilor (B0290)	Sadde Brook - Atheria Upgrade Cable (80472)
18,367,317 22,750 11,267 107,922 30,507 39,187 18,534 23,171 10,097 23,225 39 14,096 32,765 33,499 (287,246) 2		22,750	0 11,267	107,922	30,507	29,187	18,534	23,171	10,097	23,225	39	14,096	32,165	33,499	(282,246)	23,078

				to the second se			. True Up by Project	(adth interest) -2017							
							Branchburg-				Reconductor	Reconductor	Reconductor South Mahwah		
Total Projects	Branchburg (B0130)	Kitationy (BØ134)	Essex Aldene (80145)	New Freedom Trans. (80411)	New Freedom Loop (80498)	Meluchen Transformer (B0161)	Flaglown- Somerville (80169)	Flagtown-Somerville- Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Hudson - South Waterfront (B0613)	South Mahveh J-3410 Circuit (B1D17)		MVAR Capacitor (B0290)	Athenia Upgrade Cable (60472)
19,104,658		11,719	112,147	31,731	45,759	19,278	24,101	10,502	24,156	41	14,661	33,455		(293,567)	

	`		or yes didin			Estimated Tra	nsmission Enhancem	ent Charges (After True-U) + 2019	1111 601 100 100 611 100 1611				land on the c	1
1															
							Branchburg-				Reconductor	Reconductor	Reconductor		
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Metuchen Transformer	Flagtown- Somerville	Flactown-Somerville-	Roseland	Wave Trap Branchburg	Hodson - South Waterfront	South Mahwah J-3410 Circuit	South Mahwah K-3411 Circuit	MVAR Capacitor	
Total Projects	(BD130)	(80134)	(B0145)	Trans.(B0411)	Loop (B0498)	(80151)	(B0169)	Bridgewater (B0170)	Transformers (B0274)	(80172.2)	(80613)	(81017)	(81018)	(80290)	Cable (50472)
509,750,872	1,660,782	676,301	7,232,235	1,838,012	2,331,086	2,225,851	1,373,629	600,747	1,829,937	2,360	827,417	1,882,618	1,954,463	6,762,022	1,342,882

Public Service Electric and Gaa Company
ATTACHMENT N-10A
Attachment 8A - Project Specific Estimate and Reconstitution Worksheet - December 31, 2319

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Public Service Electric and Gas Company ATTACHMENT I-1-10A Attachment 6A - Project Specific Esitmate and Reconcillation Worksheet - December 31, 2019

Page 3 of \$1

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Branchburg- Sommerville-	Someniile-	New Essex- Keamy 138 kV						Susquehanna					North Central Reliability (West		
Flaglown Reconductor (B0664 & B0665)	Bridgewater Reconductor (B0668)	circuit and Keamy 138 kV bus tie (80814)				Alciene-Springfield Rd. Conversion (81399)	Upgrade Camden- Richmond 230kV Circuit (81590)	Roseland Breakers (b0489.5 B0489.15)	Susquehanna Roseland < 500KV (80489.4)	Susquehanna Roseland > 500KV (80489)	Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester- Camden(B1398- B1398-7)	Orange Conversion) (81154)	Northeast Grid Reliability Project (81304,1-81304,4)	Northeast Grid Reliability Project (81304.5-81304.21)
(50,004 & 50,000)	(60000)	(20014)	5(4(3)	Upgrada (B1228)	Nata (8) (33)	Course and Locasa)	Circui (B1350)	50489.197	(14,604-00)	SOURY (DU-00)	(001100)	D12307.1	(61134)	(DISEM, INDIGENA)	(313042-31304.21)
1,705,347	588,024	4,250,154	1,483,693	2,035,186	6,943,239	6,945,193	1,086,004	556.176	4,075,005	73,492,563	33,657,737	42,590,650	34,613,073	61,718,183	36,714,365

							Actual Transmiss	on Enkancement Cha	rget -2017						lade and see a sold
									ĺ						
															1 1
															1 1
Branchburg- Sommerville-	Somerville-	New Essex- Kearny 138 kV						Suscuehanna					North Central Reliability (West		1 1
Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden	Roseland	Susquehanna	Susquehanna		Micidelon-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor (B0664 & B0665)	Reconductor (B0668)	138 (V bus tie (80814)	breakers (81410- B1415)	Upgrade (B1228)		Aldene-Springfield Rd. Conversion (B1399)	Richmond 230kV Circuit (B1590)	Breakers (50489.5 B0489.15)	Roseland < 500KV (80489.4)	Roseland > 500KV (80489)	230KV Convention (81156)	Camden(B1396- B1398,7)	Conversion) (B1154)	Reliability Project (81304,1-81304,4)	Reliability Project (B1304,5-B1304,21)
2,302,728	794,193	5,754,880	2,004,944	2,751,687	8,033,708	9,393,426	1,468,905	747,840	5,487,093	98,979,324	45,496,882	57,629,494	46,773,818	83,447,128	47,272,470

Public Service Electric and Gas Company ATTACHMENT N-19A Attachment 6A - Project Specific Estimale and Reconcidation Worksheet - December 31, 2019

Page 8 of 11

7	***************************************			MA SIM NO. 4	Joy Server States		Reconcillation	r by Project (without	interest)		interior in the second		······································		
Branchburg- Sommerväle- Flagtown Reconductor (B0864 & B0865)	Somerville- Bridgewater Reconductor (B0668)	New Essex- Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	breakers (B1410-	230kV Lawrence Switching Station Upgrade (B1228)	Middlesex Switch	Aldene-Springfield Rd. Convention (B1389)	Upgrade Camden- Richmond 230kV Circuit (81590)	Susquehanna Roseland Breakers (50489.5: 80488.15)	Susquehanna Roseland < 500KV (80489.4)	Susquehanna Roseland > 500KV (80489)	Butlingdh - Camden 230kV Conversion (81156)	Mickleton-Gloucester Carriden(81398- 81398.7)	North Central Refiability (West Oranga Convension) (B1154)	Northeast Grid Rejability Project (B1304.1-B1304.4)	Northeast Grid Resoluty Project (813045-8130425)
29,824	10,304	69,757	25,794	[4,095]	f6 16,2 16)	112,526	19,300	9,963	73,313	1,180.037	563,821	635,764	581,354	1,544,975	(420,229)
			,						,						
1,04011	1,04011	3,04011	1,04011	1,04011	1,04011	104011	3,04011	1,04011	1,84911	1,04011	1,04011	1,04011	1,54011	194011	1,0-011

200 / 10 March	A	a se digital se di la	*	44 maria (1877)	S Kiise Kii Ye		True Up by	Project (with inter	est)-2017			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Branchburg- Sommerville-	Somerv@e+	New Essex- Kearny 138 kV						Susquehanna					North Central Reliability (Nest		
Flegtown		circuit and Kearny		230kV Lawrence			Upgrade Camden-		Susquehanna	Susquehanna		Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor (B0664 & B0665)	Reconductor (B0668)	138 kV bus tie (BD814)	breakers (81410- 81415)	Switching Station Upgrade (B1226)		Aldene-Springfield Rd, Conversion (81399)	Richmond 230kV Circuit (B1590)	Breakers (b0489,5 80489,15)	Roseland < 500KV (B0489.4)	Roseland >	230kV Conversion	Camden(B1398- B1398,7)	Conversion)	Reliability Project	Reliability Project
										500KV (BD489)	(81156)		(B1154)		(B1304.5-B1304.21)
31,020	10,717	72,555	26,735	(4,259)	(641,038)	117,040	20,074	10,259	76,254	1,227,370	586,437	651,265	604,583	1,606,946	(437,025)

7		in		W Water Street	lan salamataby.	Estimated	Transmission Ent	ancement Charge	(ARer True Up) - 20	92					
] !
Branchburg-		New Essex-											North Central		
Sommerville-	Somerville-	Kearny 138 kV						Susquehanna					Reliability (West		
Flagtown		circuit and Kearny		230kV Lawrence			Upgrade Camden-		Susquehanna	Susquehanna	Burlington - Carnden	Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor	Reconductor		breakers (61410-				Richmond 230kV		Roseland < 500KV	Roseland >	230kV Conversion	Camden(B1398-	Conversion)	Reliability Project	Reliability Project
(80664 & 80665)	(B0668)	(80814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (81399)	Circuit (81590)	80489.15)	(B0489.4)	500KV (B0489)	(B1156)	81398.7)	(B1154)	(B1304,1-B1304,4)	(81304.5-81304.21)
1,736,367	598,741	4,332,769	1,510,428	2,031,927	5,302,202	7,862,233	1,106,078	556,434	4,151,259	74,719,933	34,244,174	43,251,915	35,217,767	63,325,128	35,277,070

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment \$A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

Page 4 of 11

<i>*************************************</i>			4.734.4	i po	resum mass	Estimate	d Transmission Enl	encement Charges (lefore True-Lip) = 2011	(Sar	1 4.				-
		"C" 138 kV clrouit	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	North Ave - Bayonne 345 kV	North Ave - Airport 345 kV circuit and any associated	Relocate the underground portion of North Ave - Linden "I" 138 kV intuit to Bayway, convert & In 345 kV, and any associated substition upgrades (B2436.60)	Airport - Bayway 34S kV circuit and arry associated		"Z" 138 kV circuit to 345 kV and any	Cowert the Bayway. Linden "A" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Linden "M" 138 kV circuit to 345 kV and any associated	345 kV circuits to Marion 345 kV and any associated		New Bargen 345/230 RV transformer and any associated substation upgraces (82437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)
17,814,025	6,480,727	4,789,386	16,868,860	12,816,149	6,757,574	4,959,296	9,086,471	4,995,013	4,995,013	4,754,914	4,853,677	3.164,339	2,483,396	2,753,578	2,753,670

L	T TO THE STATE OF		· · · · · · · · · · · · · · · · · · ·				Actual Trans	ndston Enhancemen	d Charges ~ 2017	2756	XX.25				
Convert the Bergen - Marion 138 kV path to double circuit 34S kV and associated substation upgrades (82436.10)	to 345 kV and any	"C" 138 kV circuit to 345 kV and any associated substation	Construct a new Bayway - Bayonno	North Ave - Bayonne 345 kV circuit and any associated substation	North Ave - Airport 345 kV circuit and any associated substation	Relocate the underground portion of North Ave – Linden "T" 138 kV circuit to Bayvey, convert it to 345 kV, and any associated substation upgrade (82436.60)	Airport - Bayway 34S kV circuit and any associated	circuit to Bayway, convert it to 345		Convent the Rayway, Linden "N" 138 kV Circuit to 345 kV and any associated any associated (6246.84)	Linden "M" 138 kV	345 KV circuits to Marion 345 kV and any associated		New Bergen 345/230 kV transformer and any associated substation upgrades (8243/10)	
23,733,509	5,198,758	3,294,965	1,226,916			1,226,916	1,226,915	2,658,611	2,658,611	3,723,870	3,723,870	3.942.897	3.294.965	3,685,570	3,695

Public Service Electric and Gas Company ATTACHMENT II-10A Attachment 6A-Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

Page 9 of 11

<u>; </u>							Reconciliation	by Project (Mithoul L	desiral)						
Convert the Bergen - Marion 138 KV path to touble caccu 345 kV and associated substation upgrades (B2495, (b)	to 34S kV and any	Convert the Marion – Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 KV circut and any associated substation upgrades (82408.33)	Construct a new North Ave - Bayonne 345 kV circult and any associated substation substation (B2436.34)	North Ave - Airport 345 kV circuit and any associated	Relocate the underground portion of North Ave - Linden "T" 138 kV clicut to Bayway, convert it to 345 kV, and any associated substation ingrades (\$2436.60)		Relocate the overhead portion of Linden - North Ave "1" 138 kV circuit to Bayvary, convert it to 345 kV, and any associated substation upgrades (82406.81)	Corwert the Bayway - Linden "Z" 138 kV clicuit to 345 kV and any associated substation upgrades (82435,83)	Convert the Bayway to character of the Bayway to character of the Bayway and any associated is ubstation upgate (92436,84)	Linden "M" 138 kV circuit to 345 kV and any associated	345 kV circuits to Marion 345 kV and any associated	generation to inject	New Bergen 345/230 kV transformer and any associated substation typorades (82437,10)	New Bergen 345/138 kV transformer #1 and mny associated substation upgrades (82437.11)
414,171	1,999,258	95,416	138,575	-	-	(237,139)	136,575	750,046	750,046	986,778	986,770	98,841	3,294,965	279,981	279,551
				1	·							Г		1	
1,04011	1,04011	1,04011	1,64011	1,04011	1,04011	1.04011	1.04011	1 04011	1,04011	1,04011	1,04011	1,04011	104011	1,04011	1,04311

		gettin i legatik		γ			True Up by	Project (with leter	est)-2017		r	· · · · · · · · · · · · · · · · · · ·			
138 kV path	345 to 345 kV and any sted associated substation upgrades	"C" 138 kV circuit to 345 kV and any associated substation	Construct a new	North Ave - Bayonne 345 kV circuit and any associated substation	North Ave - Airport 345 kV circuit and any	Relocate the underground portion of North Ave - Linder "T" 138 kV circuit to Bayway, cornect I to 345 kV, and any associated substation upgrades (82436.60)		Refocate the everhead portion of Linden - North Ave "T 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation updates (82436,81)	to 345 kV and any	Convert the Bayway. Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B246.84)	Lindan "M" 138 kV circuit to 345 kV and any essociated	345 kV circuits to		New Bergen 345/230 kV transformer and any associated substation upgrades (82437,10)	New Bergen 345/138 kV Iransformer #1 and mry associated substation upgrades (B2437,11)
430,	2,079,399	59,243	142,055		•	(246,642)	142,053	780,131	780,131	1,028,350	1,025,360	192,895	3,427,131	291,222	291,227

Variable Committee		ta aur urtus (A. A.	73440 Commi			Estimated	Transmission Enh	ancement Charge	s (After True-Up) -	2013		alectica di di constitucione	21 A. CHE 12	and the second of the	
	Convert the Marion - Bayonne			North Ave -	North Ave -		Construct a new Alrport - Bayway	circuit to Bayway.	Convert the Bayway - Linden			Rejocale Farragut	Relocate the Hudson 2	,	New Bergen 345/138 xV
138 kV parts to						Linden T 138 kV		convert it to 345		Convert the Bayway - Linden "W" 138 kV				New Berpen 345/230	Iransformer#1
kV and associated	to 345 kV and any associated	any associated	Bayway - Bayonna 345 kV circuit and	elecuit and any	circuit and any associated	circuit to Bayway, convert it to 345 kV.	and any associated	kV, and any associated		circuit to 345 kV and			Marion and any	kV transformer and	associated
substation	substation	substation	any associated	substation		and any associated	substation	substation	noinstatue	any associated	any associated	any associated	associated	any associated	substation
upgrades	uncracies		substation upgrades	upgrades		substation upgrades	upgrades	upgrades	upgrades	substation upgrades				substation upgrades	upgrades
(B2436,10)	(82435.21)	(82436.22)	(B2436.33)	(82436.34)	(82438.50)	(82436.60)	(E2436.70)	(82436.81)	(82436.83)	(82436.84)	(82436.85)	(82436.90)	(B2436.91)	(B2437.10)	(B2437.11)
18,244,809	8,560,125	4,887,629	17,011,912	12,815,145	6,757,574	4,712,654	9,228,524	5,775,144	6,776,144	5,741,264	5,880,028	3,267,145	5,910,527	3,054,892	3,854,892

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment BA - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

Public Service Electric and Gas Company ATTACHMENT N-10A Attactment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

Page 5 of 11

New Bayway 345/138 kV transformer #1 and any associated substation upgrades	New Bayway 345/138 kV transformer #2 and any associated autostation upgrades		New Bayonne 345'59 kV transformer and any associated substation upgrades	Point-Gloucester 230kV Circuit	Mickfeton-Gloucester 230kV Ctruit	Ridge Raad 69kV Breaker Station	Cox's Corner- Lumberton 230kV	ament Charges (Before True-Up Install Conemaugh 250MVAR Cap Bank	Reconfigure Kearry- Loop in P2216 Ckt	Reconfigure Brunswick Swelves	350 MVAR Reactor Hopatoong 500kV	to double circuit 345 kV and associated substation upgrades (82436.10)	Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (82436.21)	circuit to 345 kV and any associated substation upgrades (82436,22)	Construct a new Express - Bayrone 345 kV circuit and any essociated substation upgrades (8/436,33) (6/436)
(B2437.20)	substation upgrades (B2437.21)	upgrades (B2437,30)	substation upgrades (B2437.33)	230kV Circuit (B1588)	(B2139)	(B1255)	Circuit (B1787)	250MVAR Cap Bank (B0376)	(81589)	69kVCkl-T (B2146)	(B2702)	(CWIP)	(CWIP)	(62/CX6,22) (CWIP)	(6245633) (CWIP)
1,502,222	1,502,199	2,128,205	1,426,533	1,172,258	1,879,878	4,262,193	3,138,615	109,117	2,289,910	15,333,762	2,302,454	0	0	0	0

1.3			La car Mane			SSStanzairadia *vm ,p	. Actual Transmission i	nhancement Chatges + 2017	d-74144755_11.11				:::::- here,hb		
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (82437.20)	New Bayway 34S/138 kV transformer #2 and any associated substation upgrades (62437.21)	New Linden 345/200 kV transformer and any associated substation upgrades (92437.30)	New Bayonne 345/56 kV transformer and any associated substation upgrates (82437,33)	Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (82138)	Ridge Road 59kV Breaker Station (B1255)	Con's Comer- Lumberton 230kV Circuit (81787)	250MVAR Cap Bank (80376)	(B1589)	69KVCkt-T (B2146)	350 MVAR Reactor	Marion 136 kV path to double circuit 345 kV and associated substation upgrades (82435,10) (CWIP)	circuit to 345 kV and any associated substation upgrades (B2435.21) (CWIP)	circuit to 345 KV and any associated substation upgrades (92436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circut and any associated substation upgrades (92438.33) (CWIP)
1,227,17	1,227,163	1,584,077	l 0	1.585.839	2,542,966	1,592,248	4,250,525	147,691	21,564	2,475,231	0	43,159	1,723,268	829,190	11,692,332

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

Page 10 of 11

and any associated train substation a upgrades sub-	New Bayway 34S/138 kV ransformer #2 and eny associated ubstation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437-30)		Middeton-Gloucester 230kV Circuit (82139)	Ridge Road 69kV Breaker Station (B1255)	Car's Corner- Lumberton 230kV Circuit (81787)	Install Conemaugh 250MVAR Cap Bank (80375)	Reconfigure Keamy- Loop in P2215 Ckt (81589)	Reconfigure Branswick Swi-New 66N/CM-T (B2146)	350 MVAR Reactor	Marion 138 kV path to double circuit 345 kV and associated	and any associated	circuit to 345 kV and any associated	Construct a new Bayyay - Bayonne 345 kV circuit and any associated substation upgrades (82436,33) (CWIP)
126,831	136,812	(3.225,280)	 20,927	64,250	93,548	93,375	147,691		2,475,231	0	(476,643)	<u> </u>		

L	11 1 KAST BU	n i del Lib	ska se	ció de e	Jan Karing I		True Up by Pro	sect (with interest)-2017				<u> </u>			
substation upgrades (82437.20)	any associated substation upgrades (82437.21)	upgrades (B2437.30)	associated substation upgrades (B2437.33)	Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (82139)	Breaker Station (B1255)	Cor's Comer- tumberton 230KV Circuit (81787)	250MVAR Cap Bank (B0376)	(81589)	Brunswick Sw-New 69kVCki-T (B2146)	350 MVAR Reactor Hopatoong 500kV (82702)	Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Bayonne "L" 138 kV circuit to 345 kV and any essociated substation upgrades (82438.21) (CWIP)	circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Bayway - Bayonne 345 kV circuit and any associated substation upgrades (82436.33) (CWIP)
142,320	142,300	[3,364,660]	1 0	21,767	66,827	97.405	97,120	153,615	22,419	2,574,516	ם ו	(495,762)	(600,619)	(268,277)	3,364,107

L : Chillian Chill	TITE BULL FREE		n) 4 - A. Wall	ali bali		Estimated	Transmission Enhanc	ement Charges (Alter True	-Up) = 2019	hin ishi na 150	er jaggskyar is a			***	i
									1						
New Baryway 345/138 kV transformer #1	New Bayway		New Bayonne									Convert the Bergen -		Convert the Marion - Bayonne "C" 138 kV	Constituct a new
and any	345/138 kV		345/69 KV		1					1		to double circuit 345		circuit to 345 KV and	345 kV circuit and
associated	transformer #2 and	New Linden 345/230 kV	transformer and any		1 1						l	kV and associated		any associated	any associated
substation	any associated	transformer and any	associated		Mickelon-Gloucester	Ridge Road 69kV	Cox's Comer-	Install Conemaugh	Reconfigure Kearny-			substation upgrades		substation upgrades	substation upgrades
upgrades	substation upgrades	associated substation	substation upgrades	230kV Circuit	200kV Circuit	Breaker Station	Lumberton 230kV	2SOMVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopetoong 500kV	(B2436.10)	(82436.21)	(B2436.22)	(82436.33)
(82437.20)	(82437.21)	upgrades (82437.30)	(82437.33)	(81588)	(82139)	(81265)	Circuit (81787)	(80376)	(B1589)	69kVCkt-T (82146)	(82702)	(CYMP)	(CWIP)	(CV/IP)	(CW(P)
1,744,641	1,744,499	(1,226,445)	1,426,533	1,194,024	1,945,708	4,459,597	3,235,726	262,732	2,311,429	17,508,278	2,302,454	(495,762)	(600,619)	(268,277)	3,364,137

Public Service Electic and Gas Company
ATTACHNENT H-10A
Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - (Recember 31, 2019

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December \$1, 2019

Page 8 of 11

i e deste dell'initia	·		127 18			Estina	ited Transmission Enha	cement Charges (Before	rus-Upi-2018		4:::5:2.275723::::				
Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2438.50) (CWIP)	associated substation upgrades	Construct a new Airport - Bayway 345 KV circuit and any	and any associated substation upgrades	Convert the Bayway - Linden "Z" 136 KV circuit to 345 kV and any associated	Linden "W" 138 kV circuit to 345 kV and any associated	Linden "M" 138 kV circuit to 345 kV and any associated	Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation	generation to inject into the 345 kV at Marion and any associated	New Bergen 345230 kV transformer and any associated substition upgrades (82437.10) (CWIP)	and any associated substation upgrades	transformer #1 and any associated	New Baywey 345/138 kV transformer 82 and any associated substation upgrades (62437.21) (CWIF)	any associated	New Sayonne 345/6 kV transformer and a
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1::::::::::::::::::::::::::::::::::::::		2.00		Calculation .	unatestarentini		Actual Transmission	Enhancement Charges +:	Me17						
Construct a new North Are - Bayone 345 KV circuit and any associated substation upgrades (8243634) (CWIP)	Construct a new North Ave - Atport 345 XV circuit and any associated substation upgrades (E2436.50) (CWIP)	associated substation upgrades	Construct a new Airport - Bayway 345 kV circuit and any	and any associated	Linden "2" 138 kV circuit to 345 kV and any associated	Linden "W" 138 kV circuit to 345 kV and any associated	Linden "M" 138 kV circuit to 345 kV and any associated	Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation	the 345 kV at Marion	New Bergen 345/230 kV transformer and any associated substation	and any associated	transformer #1 and any associated	any associated		New Bayonne 345/59 kV bransformer and any associated substation upgrades (82457.33) (CWIP)
9,031,610	4,902,694	2,000,772	5,839,024	752,918	762,918	1,072,332	1,072,332	51,033	2,923	23,661	10,903	456,263	455,980	2,983,144	731,664

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Public Service Electric and Cas Campany ATTACHMENIT KA10A Attachmenk 8A - Project Specific Estimate and Reconciliation Worlschet - December 31, 2019

Page 11 of 11

	New Bayonne 24,669 NY Transformer and my escotabled substation Upprodes (P2,427,23) (CS,NP)	(262,345)	1,04011
	We have not seen a see of seen and see of see of sees	1,291,724	1,04011
	New Bayuay Asir 138 KV Asir 138 KV Asir 138 KV Asir 138 A	(\$65,78)	1,04011
	New Baynay A4573B KY Transforms \$1 and any associated substition upgades (CWIP)	(\$7,268)	10401
	New Bergen 345/136 kV transforms # 1 and any associated subsidion upgastes (8247.11) (CWMP)	(123,117)	1,04011
Comment of the second of the s	Connect the Bayway - Connect the Bayway - Reductate Faringst. Loben 77:100 M. Loben 17:100 M.	1190,7057)	1,04011
THE TANK THE	Relecate the Hackon 2 Prevention to Hackon 2 See SE VIV. A Marken Vibraschmers and Any and my secocled Broadcasted Associated superior See See See See See See See See See Se	(T10,CB)	10201
ect (with our impress)	oment the Bayway - Convett the Bayway - Convert the Bayway - Rebcate Farngat. Useden 72 1004. Useden 72 10	(106,562)	10001
Recenciation by Pro-	Comet the Bayway - Comet the Bayway - Retroate Farragat - Loent to Set V and dreat to Set	(155,816)	10001
* - 200	Convert the Bayway – Linden "VP 138 kV decircul to derout to 38 kV and away associated subsection upgrades (GOMP)	(155,816)	1,04011
	Corrett the Bayway - Under 72: 138 kV efront 25: 25 kV and any associated subsidion tugaries (CWHP)	(184,646)	1,04011
	Rebcate the overhead pictor at Libera - Nanh Ave T 128 kg order to Egyway, convert ito 245 kV, and any associated subdation tugméns (DA458) ((DA4581) ((DA467)	(184,646)	1,04011
	Refeating to Refea	358,853	1,04011
		19,034	1,0-0,1
	Construct a new Nath Ave - Alroot 345 kV circlik and any associated substation upgrades (E2456.55) (CWIS)	426,517	1,04011
	Conduct a new North Ave - Bayone 345 V circuit and any ascociated substation upgrades (GMDP)	1,865,304	1,040.1

	Count the Bayway Count the B	(128,056) (38,764) (39,892) (1,343,537) (2
	Coment the Bayway - Convert the Bayway - Convert the Bayway - Release Farangel - Release	(11,251)) (11,251)
	Commut the Bayway - Cownet the Bayway - Connect the Bayway - Relocate Foreignt - Relocate to Horizon 2 (2004) and Control to 300 (2004) and Control to 300 (2004) and Control to 300 (2004) and Seed to 300 (2	1162.0661 (110,237)
	Convertible Bayeay - Convertible Bayeay - Co. See See See See See See See See See Se	(192.052)
	Relocate the overhead position of Linden - worth Ave TT 138 M convert it to 345 kV, convert it to 345 kV, and any associated substation upgrades [R2156.31] (CWIP)	(192.052)
	d the first Construct a new respect 18 to the respect 18 to the respect 18 to the respect to the	1973 75R
Relocate the	undergrand portion of Nove - Linken T 335 Vol drant lo 33	440, 626
	Construct a new C Morth Ave - Bayenne No 345 (V drout and 34 and 34 and 34 and 35 and	1 944 464

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	New Bayonne 345/69 kV baresformet and any assemble as beause supple (CWIP)	(210,461)
	New Lincen 345/230 RV Pantsformer and any associated subsellon urganess (125,473,30) (CWEP)	1,343,537
	New Bayway 3-451138 MV transforme #2 and any associated subsition tograses (EQART/21) (CWNP)	(39,092)
	New Bayway 3451738 Iv transformer \$1 and any associated substance ungances (CWRP)	493'8C)
	New Bergen 345/138 kV Investomer #1 and any associated Substation upgrades (BAS) 11) (CWIP)	(128,956)
	Connect the Bayway - Connect t	(111,351)
	Conneil the Bayway - Conneil the Bayway - Comment the Bayway - Rebotate Faringst - Listen 77 138 V U. Leber W. 1934 V Listen 193	(\$6,243)
	Rebcate Farngut • Hudson "2" and "C" 13-50 W efforts to [lavin 345 W and any seacciated substation appraises (182436.30))	(110,837)
	Conveil the Bayway - Conveil the Bayway - Conveil the Bayway - Rebotas Farragid - Table 17-138 M. Leber W-138 M	(162,066)
	Cornet the Bayway - Inches WY 138 kV circuit by 35 kV circuit by 35 kV and any associated substation upgrades (CAME BA) (CAME BA) (CAME BA)	1982.0461
	Convert the Bayway - Linden 27: 138 kV envalue to 245 kV and any associated substation upgrades (BC335.83) (CWR)	(192,052)
١	potential the overhead potential the factor of Linder of Linder of Circuit to Bayway, correst to Bayway, convert it to 345 kV, and any aveocated substation upgrades (E2436.81) (CWRP)	(192.052)
	Rebeals the reference of the control	373.268
	Rebcale the medeground porters of North Ave - Linden T 138 kV circuit to Bayway, convent is 1945 kV, and any associated substation upgrades (B2346.84) (CAMP)	14.74
	Constitut a new kerth Ave - Arport 245 for details and 245 for details and 245 for details and 245 for details and 255 for det	443.625
	Construct a new fact Ave - Bayonne 1953 V cient and any susceighted any susceighted (BZ-50.3.4) (CWIF)	191164

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A	W Increased ROE	60	20.188.202	480,395	4555422	8.089.022	60,050	200 200	86.505.529	858.786	18.272.191	72 188 863	454.261	4947,757
Ħ.	W 11.66 \$ 700	8	19,095,007	402,308	164572	7,986,972	1, 18, 18, 18, 18, 18, 18, 18, 18, 18, 1	69,967,	85,705,845 85,705,845	2,051,055	67,100,01 07,100,01	7,704,502	528,305	4 554 365
1 2	W 11.56 K.ROE	8	19,203,412	92,36	4.522,234	7,756,053	18,	1.828,696	25, 25, 25	2,061,086	19,618,517	21,176,276	200,000	N CO
2	W Increased ROE	SUS	19,200,412	CD2, XOE	4,523,234	7,796,853	192 120	828,606	89,545,736	2,061,006	19,518,517	21,176,278	\$28,306	4971.254
3 :	W 11.88 % ROE	2010	18,711,018	92,36	4,055,968	25,500	15. 25.	22.5	564,670	2061,064	1,773.557	20,647,970	800	4304.919
a 9	W 11.08 % ROE	į	18,218,621	492,395	3,745,858	7,412,613	192,120	1,516,263	25.05	2061,086	16,266,692	20,119,663	528.30	4122360
2	W Presented ROE	128	18,218,621	402,356	3,745,658	7,412,613	182,120	1,516,263	72 523 54M	2,001,086	16,356,592	20,119,563	528,306	4122,360
3 :	W 11.08 % ROE	2 5	1,75,28	8,5	3,154,418		ž Š	1276.451		2000	13 680 562	19,591,357	300.00	349
R X	W 11,08 % ROE	ă	17,233,831	492,395	2,696,736	7,008,074	192,120	95.93	75,411	2061,086	12,536,896	19,063,061	\$24,306	3,178,607
2	W Porsesed ROE	2013	17,233,631	402,305	2,886,756	7,029,374	81,21	1,158,596	75,401,411	2,061,086	12,536,636	13,063,051	528,306	1,176,807
* 1	W 11.56 % ROE	Ā	16,741,436	402,385	2355,172	58.55	162,120	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13.00.04	2051,005	000	18,534,745	528.306	7,812,043
• 3	W 11.59 % ROE	200	16,249,041	492,395	2307 208	6.644.735	192,120	96026	11279278	2001090	10-416 861	16,000,439	226.20	2 679 133
	W howard ROE	20.00	16,249,041	497,395	2,387,208	6,644,135	192,120	970,066	71,279,236	2,061,086	10,416,881	13,000,430	528,306	2,639,139
*	W 11.58 % ROE	ģ	15,743,850	492,086	2,283,690	8,452,046	192,120	B30,449	49,120,244	2,058,755	9,968,442	17,478,132	\$26,306	2,528,394
:	W homesed RDE	8	15,743,650	492,086	2,253,690	6.452,016	192,120	930,443	69,120,244	2,058,725	9,968,442	17,478,132	526,306	2,529,304
ī	W 11.68 % ROE	ã	15,229,564	20,12	2,489,535	6,234,836	182,120	200	67,067,488	2000	109/12/00	75.948.00	228,300	2 2 2
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	W Processed ROE	ä	14,737,169	491,582	1,901,939	6,067,776	192,120	772.043	55,000,402	2,058,755	8,379,691	16,421,520	528,306	2,099,946
	W 11.68 % ROE	6102	14,246,440	491,562	1,607,120	5,675,657	182,120	285	67.943,878	2,058,725	7,120,086	15,883,213	907 925	1,806,292
	W PERMINDE	SUN.	14, 240, 441	700	20,120	2000	S 756		O A S	(ACC)	1 3000	C17.C80-C1	200	1000

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the Track Contract 13	11.60% ROF		204		••	E OS		_	* Des			ROW		
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16 15/160	POR tor Time Project	_	\$			£04			5,04%		_	*		
Service Account 101 of 100 of 100	-													
17 baterce	Institute		27,005,248			25,654,455			16,731,554			4,501,475		
	Assessed Destructions on Arrest Pass				_									
to Line 17 thridded by line 12			642,982			610,620			374,561			465,720		
to decreasion extraction			13.00		_	15.00			OL.			1100		
Year placed in Sewice (D F			ř						£			on.		
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		ì	New A	Depositation or Amprilation	Reserve	Poding	Deprivation of Americanies	Properties	Ending	Depreciation or Amortization	Revenue	Bading	Depreciation or Amantemies	Revenue
: #	W 11.55 % ROE	2002				ı		-						
•	W Increased RCE	900												
	W 11.08 % KDE	Ž.												
	W 11,68 % ROE	3000	24,921,237	200 E	557,584						_	6,961,405	25,372	226,73
	W Increased ROE	800	24,921,230	89.546	837.584 A		and the		1			6961.05	200	2
	W 11.86 % ROE	8 8	200 018 00	2 2 2 2	0.000	10,700	200,478		10,773,000	9	7.7	21.00.0	25.50	
	W 11 SA SERVE	36	26.271.620	20.00	3,000	25 406 527	813.738	5 572 598	15,539,319	97356	3369301	6,770,372	057.50	1.480 56
	W Ingresed ROS	0,00	26,273,620	642,982	5,703,044	25 498 527	613 738	5,522,568	15,539,319	375,568	3,368,301	6,770,372	166,750	1,468,56
9	W 11.68 % ROE	ē	25,630,832	26.36	5,221,521	24,896,838	514,263	5,001,862	15,121,425	374.561	3,005,759	6.804.623	166,750	2
	WindestedROE	2	25,520,502	6.0,957	200	24 PBG K58	2	200,000	5151	174,000	9		20,000	
	SCHOOL STORY	2 5	24.00	9	000	24 282 576	814.760	4260 673	14748 864	374 %	2559 159	6.03873	02.730	132.70
	W 1148 % ROE	8	24.344.650	542,982	4005.278	21 669 312	614.263	3,602,530	14372303	374,561	2,371,359	6,273,123	166,750	1,037.2
	W from tasked ROE	ă	24,344,689	84.962	4 025 278	21,668,312	814,253	3,902,590	14372,303	374,561	2,371,359	6,273,123	165,750	200
	W 11.68 % ROE	22	23,701,687	542,682	3,563,158	23,034,040	614.263	344	13,007,743	374.26	2,039,276	6,107,373	20, 30	518.2
	W Professed ROE	2	73,701,687	8-0,962	000000	23.02.40.00	24.30	3.65.51	13.887.76	37,56	2039,276	6,107,373	165,750	
	W 11.58 * SEC.	í s	27,000,700	264,982	2,740,007	22,422,130	04,00	3.344.794	13,043, 102	124.56	427.55		3 5	100.00
_	TO THE PERSON NAMED IN	3 6		200	200		514 411	240054	12 248 677	37.456	053 009	5775.874	266 750	676 705
	W horseast ROE	ğ	22415773	642 982	3,508,097	27,819,123	614,111	3,110,954	13,248,621	374.561	1 850 650	5,775,874	162,750	826,735
	W 11,53 % ROE	2	21,772,741	200,5243	3,084,762	21,008,812	610,630	2,973,432	12,874,060	374.561	1,818,367	5,610,124	165,750	794.917
	W Increased ROE	ž	M.777,14	642,982	3,084,762	21,066,812	610,820	2,973,432	12,874,050	374.563	1,818,367	5,610,124	165,750	784,817
	W 11,58 % ROE	2019	21,22,759	286.29	2,665,229	20,452,549	610,800	2,558,254	12,459,469	174,563	1,570,639	5,404,374	165,750	605,810
	W Increased ROE	8	21,129,759	642,982	2665,239	20,452,549	610,820	2,588,754	12,498,499	374,561	570.839	5,446,374	200	018280
•	W 11,68 % ROE	ĝ	22.00	200.00	2200128	19,865.17	610,8.0	2,205,573	2,124,630	975	200	27.000	60	9

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Page 1 af 25 ange asses 153 Net Part Cempry Charge without Decreciation, Rehart, not browns Trees

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2		Quest.		Roseland	Roseland Transformery (80274)	200	West Tra	Move Trip Branchburg (SOTTLE)	_	Recombined No.	Incompassed Hudeen - Road Manerican (\$481)	151-00-02	Recentance	Lecteduries Board Manuals 4-0316 Chouse (519617)	60467
	Yea? If a project under P.34 CATT Schoolde 12, otherwise														
2		Schedules 12	(Yes or Ne)	3 :			ž :			ţ			į		
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			tr james	Ending	Depreciation of Amortization	Besente	Ending P	Depreciation of Amorbigation R	Revenue	Enemo	Depreciation or Amortization	- E	S S	Depreciation or Amortization	Revenue
R		W 11.68 % ROE	5005			-	ı	ı							
a z		W 11.66% ROE	300												
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n t		W TASS NOS	9000				90,00	16	41.4						
, 1		W 11,68 % ROE	900	27,082,458	368,347	2,634,966	35,782	99	6,373						
		W Protested ROE	8	21,092,458	26.24	267,066	2	98	6.3	out out o	9	500 000			
8 5		W transport ROE	8	20,297,967	201279	4 507.079	12	88	2 00	0.006,222	\$ 700 007.81	200			
2		W 11.58 # ROE	262	20,302,520	501,755	4128,443	25,679	9	5,239	9,140,219	218,069	1,050,822	70,522,951	300,198	2.005,78
a		W refraged ROE	į	20,302,520	57.75	412840	8	9	0,200	9,140,216	218,060	C#(054,1	2000	300,188	7.057
* :	_	S Trees of the	25	19,002,000	27.00	5,000,000	2 2 2	9 55	3 5	8 800 4 80	218,060	3	20,000	100	9
* *		W 11.59 % ROE	ž	19,300,300	157.58	3,183,218	2	3	4077	8,704,079	218,069	OR 127	18,835,674	611.19	32.68
2		W horassed ROE	Sid:	19,300,300	501,755	3,183,218	24,548	999	4.07	8,704,079	218,069	1,427,360	19,636,674	611,113	3,246,96
۹.		W 11.58 % ROE	Š	26.765.65	\$57,756	2,617,896	2 2	989	9 5	8,425,010	218,069	200	18,744,535	61,16	2,874,636
. :	_	W TENENSON NO.	100	18.296.780	8 5 5 5	2646518	22.5	8	33.00	200.00	218,000	1117.180	18.659.417	61.15	2.07.2
:		W horeased ROE	ŝ	18,295,790	504,755	2,545,518	23,213	999	3,388	8,267,940	218,069	1,167,289	18,653,637	431,119	2,701,2
2	_	W 11.88 % ROE	2046	17.75.762	2003	2529.913	22,542	93	3,347	8,049,671	718,050	1,139,246	18,352,318	491,159	7.283
7		W benneed ROE	900	17,736,762	200	2,529,913	3 3	999	3247	8,049,673	218,069	139,248	18,362,319	A1,119	2,592,367
		W Personnel ROF	100	12 225 619	100 100 100 100 100 100 100 100 100 100	7.03 220	8	8	2	2,833,804	218 089	960	17.871.159	\$1.13	263
		W 11.68 % ROE	96	16,733,664	500344	2,101,858	21,214	3	2697	7,613,732	218,069	946,750	17,340,08d	401,119	2.154.499
3		W Increased RDE	2018	16,730,564	500,344	2,101,856	7,214	999	7,6837	7,613,732	218,009	948,750	17,380,080	421,115	24.4
1		W 11.68 % ROE	8	16,234,731	¥.03	1,805,780	3	92 5	2,0	7,396,662	218,069	812,756	16,889,981	461,119	186.162
c		PARTOCOCOUNT	212		100	1 2000 1 200 1	100	200	4377	200000	4.12.24.4				

Public Service Electric and Gas Company
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	Yes" it a project under P.M.														
=	£	Schedule 12	(Ves or No)	į.			, ,			3 t			į:		
¢	Year of the Customer has paid a	5	_	*			•			ı			,		
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ž		Increased ROE (Tasks Power)		•			•			•			•		
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#		FCR for This Project		E.perk			Ę			S			2013		
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		Arrest Depreciation or Amort Stp.													
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£				160			245			212			2017		١
			1	Ž	Depreciation or Amortization	Persons	S. S. S. S. S. S. S. S. S. S. S. S. S. S	Depreciatos or Americados	r s	Ending	Depractation of Amontization	Rewellse	Ending	Depreciation or Amortization	4
8		W 11.64 % ROE	3002												
A :		W Increased ROE	98									_			
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4 4		W Program ROE	200												
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2 2		W 11.65 % ROE	200												
2		W 11.66 % ROE	201	20,511,158	37,568	25.73									
2		W increased ROE	ž	20,511,158	35,58	2	*0 500 50	4 240 200	000000	TA 504 AT	210.012	1 517 540	19.800,617	318 340	
x x		W Protested ROC	200	21,122,707	26 26 26	3677641	191,700,81	(240,23	9,002,770	14.401.477	210,412	1,537,549	19,820,557	218,342	23
*		W 11.58 % ROE	cies	20,629,652	25.05	3,370,070	78, 195, D92	1,815,127	12,917,996	14,194,429	342,872	2,315,058	18,294,505	45,163	7
×		W Incressed ROE	50.0	20,628,652	20,05	0.370,070	28,082	1,915,127	12,917,996	20.00	26.00	2,315,068	200	40,183	۲,
7 .		W 11.58 K ROE	į,	20,124,000	200	2000000	77,770,005	1 915 127	21 677 086		1000	200000	1,900	444	หล
4 8		W 11.56 % ROC	Š	18 620 544	30,08	2,304,096	75,354,829	1,915,127	10,749,859	13,506,484	342,972	1,976,521	17,459,022	444,600	, şi
=		W Incressed ROE	200	19 620 544	204054	2,804,006	75,364,829	1,915,127	10,749,859	13,508,484	342,972	1,926,521	17 459 022	444,403	e e
7		W 11.58 % ROE	9102	19,136,400	20,03	2691,625	70,419,117	1,8-42,970	B, BGH, 294	13,165,512	2000	1,549,554	17,014,619	14,48	
		W tracessed ROE	200	19,110,480	70000	2591,622	64524248	1841.734	8 526 626	12822540	30.97	1781,001	18,570,218	4	13
: :		W. Vernsted ROE	100	18.612.436	2000	2591.411	68,524,248	1,641,734	9,526,626	12,822,540	342.972	1,781,001	16,570,216	200	2
7		W 11.83 % ROE	2014	18,108,382	504,054	2,237,137	56,609,121	1,841,734	8.218.634	12,478,567	342,972	1,537,340	16,125,613	444,433	8.
3		W trenssed ROE	2018	18,108,382	20,00	2,237,137	66,609,121	5	8,216,634	12,478,557	30,872	25,755	16,725,813	09°44	8.
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Public Service Electric and das Company ATRICHAERT I-LOA ATRICHAERT I-LOA Attachment 7 - Transmission Enhancement Charges Worksheet (TOC) - Decreiser 31, 2019

•	How Plant Curry	2 Charles				Page 5 of 25
2	Flood Charge Re	ne (FCR) if				
			Formula Line			
,		*		Not Plant Carrying Charge without Depreciation	BD4%	
4		8	150	Net Plant Carrying Charge per 100 Basis Point in RDE without Depreciation	PULK	
•		c		Line Bless Line A	0.57%	
•	FCR WACIAC					
•		D	153	Not Plant Charging Charge sufficial Departation, Ratum, nor Econne Tarea	1.33%	
				the PCR resulting beauferencie in a given year is used for that your only.		
				Therefore actual revenues collected to a year do not change haved on cost data for subsequent years.		
				Per FERS Coder dated December 10, 1911 in Clocket No. EBit 1868, the RCE for the Northean Grid Reliability Project in	x 11,19%,	
				which includes a 25 basis point transmission ROE apper as authorized by FERC to become effective January 1, 2812.	,	
•				For soundweed place like 5 12, 14, 15, and 15 will be been Attachment 5 - Abandoned Transmission Projects, Line 17 b.	i Ber	
				The safe recovery defense days deposit the safe by and the different samples of market by the same days of the same same safe and		

W 11.68 W RCE 2006 W 11.69 W RCE 2006 W 11.69 W RCE 2006 W 11.69 W RCE 2007 W W 11.69 W RCE 2007 W W 11.69 W RCE 2007 W W 11.69 W RCE 2007 W W 11.69 W RCE 2007 W W 11.69 W RCE 2009 W W 11.69 W RCE 2								1			1					
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			FCR for This Project		4.06%			4.04%			4062			LOTS		
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W 17.56 % ROE 2014 6,161/332 152/152 913.777 4/767/550 1064/16 6,057/579 15.48.6.07 286/003 1.755.050 21/702/104 524/777 3.																1,695,64
W Increased ROE 2014 6,181,302 102,152 913,777 4747,560 1,094,148 6,107,679 15,445,972 280,033 1,755,563 21,772,104 1,772,546 1,772,54																3,229,856
W 11.09 % ROCE 2015 6,070.216 122,152 665,055 4,772,546 1,006,667 6,228,271 15,276,646 378,049 2,148,847 21,257,227 524,777 3, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12																3,209,86
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PAGE EW 23

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Public Betwee Electric and Car. Company
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Public Service Electric and Day Company ATTACHMENT I-140A Attachysist Y - Transmission Entrancement Charges Worksheet (TEX) - December 31, 2019

•	New Plant Corrying Charge		e.	age 9 of 23
2	Fixed Charge Rate (FCR) if (Fnot a CIAC			
*	Formula Line A 152 B 159 C	NetPlant Carrying Charge without Deplendment NetPlant Carrying Charge without Deplendment Net Plant Carrying Charge per 160 Basin Plant in ROE without Depreciation Carroll Seas Line A A A	8,00% 8,60% 0,50%	
	FGR II A GLAC			
	p cer	30st Plant Carrying Charge without Depreciation, Return, nor income Taxes	1.33%	
		The FCR resulting from Formula in a given gracks med for that year only.		
		Therefore usball revenues collected in a year do not change based not code data for subscienced years. Per PERC Ender Adres December 36, 2011 in Dockel No. EPI2-216, the RDE for the Northwast Crist Rel 6-Rey Project in 11.0 115,		
		which includes a 25 benin-gebit transmission DOE address substrained by PERC to become effective Lineary 1, 2913. Fat abstraction of plant files 11, 14, 15, and the last affected of Anadosand Transmission Projects, then 17 is the 17 sound: exercise publicate lates Atlant 6 to, and thus 19 in 3 for provides to greates to be a manifesting yearships exec.		

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Public Service Excitic and Oss Company
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Page 1 of 23

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*		W 11.58 % ROE	202	009,406,02	915,068	5,198,758	24,558,823	583,272	3,294,965	14 747 154	214,966	1,226,916			
-		W Increment RDE	<u> </u>	42,933,400	916,068	5,198,758	24,558,823	2/2,536	3,294,965	14,747,154	214,966	1,226,916			
*		W 11.53 K ROE	2102	67,424,378	1,472,017	1,311,454	48,719,195	1,000,782	4,946,403	162,127,145	3,286,469	16.480.486	120,572,525	2,000,348	10,206,735
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Constitution of the contract o	Avnual Deprecation or Amost Exp.		į					1111007			2	
Months in service for			2011		95			88			9	
Year placed in Service (Oil			ź		ž			2015			2015	
,		in the state of th	Profess	Deprecution to Amortization	a r	Depreciation or Amortization Re	Rosente	Ending Amor	Depreciation or Amonization Perenus	_	Depreciation or Ending Amountation	1 Of Revenue
: # I	W 11.89 % ROE	3008					-					
e z	W 11.59 % ROE	7007								_		
71 75	W Increased ROS											
1 \$	W Increased ROE	200										
n	W 11.58 % ROE	ĝ										
. ,	W tracessed FOE									_		
: =	W thoreased ROE	20102								_		
9	W 1159 % ROE	ē										
2.3	W 1159% ROE	12					_					
· *	W transverd ROE	2012										
1	W 11.68 \$ ROE	e i					_			-		
• :	W recessed ROE	i i					_			_		
2 1	W brossed ROE	Š										
	W 11.08 * ROE	8			228,007	4	2,441	225 037	412		225,037	412 2,441
s	W Incressed ROE	2015			725,007	45	2,441	200				
*	W 1168 % ROE	8 8			726,027	200	157		200	200		
4 :	W 1454 & BOE	3 5			14747.154	·			-			
: :	W Incremed ROE	Ä			_	•						465,743 2,656
	W 11.68 % RDE	2018	63,112,380						1,680,467 8,47	8,471,130	45,260,482	
•	W Increased ROE	2018	60,112,386	5,445,730	99,084,712	3. 3.	4,618,939	1, 017,077,00				
•		200										

Public Sentice Electric and Gas Company ATTACHMENT 1-10A ATTACHMENT 1-10A ATTACHMENT 2-17-10-10 Instance Francis Mortanese CERTA Decree her 31, 2019

•	New Place Carry	ng Charge				Page 11 of 23
ž .	Flund Charge Ru	NT (LCL) A				
			Formula Line			
1			152	Net Plant Carrying Charge wathout Depreciation	6.0 PM	
4		В	150	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	6.62N	
		¢		Line II less time A	Q.57%	
•	FORHECIAC					
7		D	153	Not Plant Carrying Charge without Deprenation, Return, nor Income Taxes	1.29%	
				The FCR resulting these Formeds in a given year in sured he shat year only.		
				Therefore actual reviewer expected in a year do not change based on goal data for subsequent years,		
•				Per FEPO Order dated December 38, 3855 in Doches Wa. ERES LINE, the ROE for the Months at Drie Resource; Project	is 11.97%,	
				which includes a 15 hardworld burnatesian RDE adder as softeneed by FERC to become effective Lancary 1, 2315	1	
				For abandoned plant lines 12, 14, 15, and 18 will be from Attachment II - Manchened Transmission Projects, Line 17	d Par	

_															
				Convertible Bay 345 kV and any	rway - Linden "Z" 138 associated substatio	EV cincult to upgrades	Convert the Bayo to 345 kV and	any associated a	substation	to 345 KV an	neny - Linden "N" dany associated :	aubstation	circuits to M	agut - Huduon "8" : arion 343 kV and ar	y associate
10	Deta	ults			(67436.83)		98	rades (B2414.64)	_	- UE	grades (82436.85)	\rightarrow	Return	atlem upgrædes (EZ-	36.3%
	"Yes" if a project under RJM DATT Schedule 12, otherwise						l		- 1			- 1			
		odula 12	(Yes or No)	Van.			V		- 1	Yee		- 1	Tee		
	Userful life of the project Life	72	(1223112)	42			40		- 1	42		- 1			
-	"Yee" if the customer has paid a			-			1 "		1	•		- 1	•		
	turgeum payment in the arrount						Į.		- 1			- 1			
	of the premitment on line 29,	_					ł		- 1			- 1			
	Otherwise "No" CIAC Input the allowed increase in	•	(Yes or No)	No			No		1	Ha		1	Ha		
	RCIE Incresional Incresion In	meters ROE (Basis Points)					١.		- 1			- 1			
	From line 3 above if "No" on line			-			ı ·		- 1			1	•		
	13 and From line 7 above 8						1		- 1			- 1			
15	Yes* on line 13 11.6	6% 月心臣		1.Det			1007		1	AD+%		- 1	2012		
	Una 14 plus (See 5 limes line						1		- 1			- 1			
		tion That Project		anes.			LINES			1003		- 1	8.06%		
	Service Account 101 or 106 if not vet classified - End of year						1		1			1			
17		street		49,911,440			48,541,405			48,587,408		- 1	31,620,773		
				44,7.1.4			10.22.00					- 1			
		nual Depreciation or Amort Exp.					l					- 1			
12	Line 17 divided by fine 12			1,168.530			1,100.001			1,100,003		- 1	757,637		
	Months in service for		i				l					į			
15	depreciation process from Year placed in Service (D.II			13.06			13,00			15.00		- {	13.06		
•	CWIP			2015			2011			3915		1	2014		
-				1											
	I .	1		l	Depreciation or			Apracision or			Gepraciation or	- 1		Depresention or	
21	_		Jovenst VP	Ending	Amortization	REPUBLIS	Ending	Ameritzation	Beanne	Ending	Ameritzation	Resyston	Ending	Amortization	Revenie
72	l l	W 11.58 % ROE	2006				l								
23	I .	W Increased RDE	2006				l								
*	l l	W 11.58 % ROE	2007				l								
25	I .	W Increased RCE	2007				l								
26	I .	W 11.66 % ROE Windowsed ROE	2006				l								
25	l l	W 11.68 % ROE	2006				l								
*	I .	W Indexed ROE		l											
	I														
			2009												
x 0	I .	W 11.68 % ROE	2010												
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31 32		W 11.68 % ROE Wincressed ROE W 11.68 % ROE	2010 2010 2011												
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M 72 73 74		W 11.68 % ROE Wincressed ROE W 11.69 % ROE W 11.69 % ROE W 11.69 % ROE W 11.69 % ROE W 11.69 % ROE	2010 2010 2011 2011 2012 2012 2012 2019												
* **		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.69 % ROE W Increased ROE	2010 2010 2011 2011 2012 2012												
* **		W 11.68 % ROE Windrased ROE W 11.68 % ROE Windrased ROE W 11.68 % ROE Windrased ROE Windrased ROE Windrased ROE Windrased ROE Windrased ROE	2010 2010 2011 2011 2012 2012 2012 2013												
* **		W 11.68 % ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE Windowsed ROE	2010 2010 2011 2011 2012 2012 2013 2013	225,037	412	2,441	225,637	412	2,441	225,037	412	2.441			
* **		W 11.68 % ROE W increased ROE W 11.68 % ROE W increased ROE W 11.68 % ROE W increased ROE W increased ROE W increased ROE W increased ROE W increased ROE W increased ROE W increased ROE	2010 2010 2011 2011 2012 2012 2013 2013	225,017 225.037	412 412	2,441 2,441	225,037 255,007	412 412	2,441 2,441	225,037 225,037	412 412	2.441 2.441			
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*************		W 11,68 % ROE W 11,69 % ROE W 11,69 % ROE W 11,69 % ROE W 11,69 % ROE W 10,69 % ROE	2010 2010 2011 2011 2012 2012 2013 2013	225,037 723,468	412 12,273	2,441 71,227	225,007 723,468	412 12,273	2,441 71,227	225,037 723,468	412 12,273	2,441 71,227			
***************************************		W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,59 % ROC W 11,59 % ROC W 11,59 % ROC W 11,59 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC	2010 2010 2011 2011 2012 2012 2013 2014 2014 2015 2015 2016 2016	225,037 723,465 723,468	412 12,273 12,273	2,441 71,227 71,227	225,007 723,468 723,468	412 12,273 12,273	2,441 71,227 71,227	225,007 723,468 723,468	412 12,273 12,273	2,441 71,227 71,227	28,441,681	387,863	2,252
*************		W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W horsesed ROE W 11,58 % ROC W horsesed ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC W 11,58 % ROC	2010 2010 2011 2011 2012 2012 2013 2014 2014 2015 2015 2016 2016 2017	225,037 723,468 723,468 31,239,305	412 12,273 12,273 465,743	2,441 71,227 71,227 2,658,611	225,007 723,468 723,468 43,917,206	412 12,273 12,273 652,296	2,441 71,227 71,227 3,723,870	225,007 723,468 723,468 43,917,206	412 12,273 12,273 852,285	2,441 71,227 71,227 3,723,870	28,441,681 30,818,452	387,893 697,633	2,252 3,942
*****		W 11.68 % PGC W 11.68 % RGC W 11.69 % RGC	2010 2010 2011 2011 2012 2012 2013 2014 2014 2015 2015 2016 2016 2017 2017	225,037 723,468 723,468 31,239,305 31,239,305	412 12,273 12,273 465,743 465,743	2,441 71,227 71,227 2,658,611 2,658,611	225,007 723,468 723,468 43,917,206 43,917,206	412 12,273 12,273 652,296 652,296	2,441 71,227 71,227 3,723,870 3,723,870	225,007 723,468 723,468 43,917,206 43,917,206	412 12,273 12,273 852,285 652,295	2,441 71,227 71,227 3,723,870 3,723,870	28,441,681 30,818,452 30,818,452	387,893 697,633 697,633	2,252 3,942 3,942
************		W 11.68 % ROC W TUTASH ROC W 11.69 % ROC	2010 2010 2011 2011 2012 2012 2013 2014 2014 2015 2015 2015 2016 2016 2017 2017 2017 2017	225,037 723,468 723,468 31,239,305 31,239,305 45,260,492	412 12,273 12,273 465,743 465,743 1,055,752	2,441 71,227 71,227 2,658,611 2,658,611 5,266,819	225,007 723,468 723,468 43,917,206 43,917,206 44,735,591	412 12,273 12,273 652,296 652,296 1,073,403	2,441 71,227 71,227 3,723,870 3,723,870 5,340,569	225,037 723,468 723,468 43,917,206 43,917,206 44,735,591	412 12,273 12,273 852,286 652,295 1,073,403	2,441 71,227 71,227 1,723,870 3,723,870 5,340,569	28,441,681 30,818,452 30,618,452 37,324,329	387,863 697,633 697,633 804,914	2,252 2,252 3,942 3,942 3,943
*****		W 11.68 % PGC W 11.68 % RGC W 11.69 % RGC	2010 2010 2011 2011 2012 2012 2013 2014 2014 2015 2015 2016 2016 2017 2017	225,037 723,468 723,468 31,239,305 31,239,305	412 12,273 12,273 465,743 465,743	2,441 71,227 71,227 2,658,611 2,658,611	225,007 723,468 723,468 43,917,206 43,917,206	412 12,273 12,273 652,296 652,296	2,441 71,227 71,227 3,723,870 3,723,870	225,007 723,468 723,468 43,917,206 43,917,206	412 12,273 12,273 852,285 652,295	2,441 71,227 71,227 3,723,870 3,723,870	28,441,681 30,818,452 30,818,452	387,893 697,633 697,633	2,252 3,942 3,942

Public Service Electric and Clas Company ATTACHMENT 1-10A ATTACHMENT 1-10A ATTACHMENT 1-10A ATTACHMENT 1-10A

| New Plant Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges in Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Carrying Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Product Charges | Pro

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10		Donale		the 345 kV a	idson 2 generation to d Marion and any aus oursides (82436.55)			H5/230 KV transfor Outsiden upp rades			IS/136 W transform			345/134 kV translon SubStation bibatade	
	"Yes" if a project under PJM					- 1									
	DATT Schedule 12, otherwise "No"	Schedule 12	**						į						
		SCHOOLIN LZ	(Yee or No)	42		1	Yes 40		,	Ym 42			42		
	"Yes" if the customer has said a			٠.		- 1	41						42		
	Amoust payment in the amount	}		1		ŀ									
	of the investment on line 29.			1		i									
		EMC	(Yes or Ho)	Na Na		- 1	tea		,	File			ME		
	input the allowed increase in ROE	Increased ROE (Basis Points)				- 1			1						
14	HUE: From line 3 above #"No" on line	Increased MOS (ISSNE POWER)		٠ ١		- 1				•			•		
	13 and From line ? above f			1		- 1			,						
	"Yas" on line 13	11,88% ROE		ADVX.		- 1	ADIE			£M%			ADM		
	Line 14 pkm (line 5 times line			1		- 1			,						
	15)/100 Sensor Account 101 or 105 if not	FCR for This Project		2.04%		- 1	\$154%		,	2015			\$734%		
	Service Account 101 or 105 if not wel classified - End of year			1		l l			1						
		Investment		SA SMILLES		l l	27,439,819		1	27,639.619			15.638,121		
				1		l l			1						
		Ahread Depreciation or Amort Exp				l l			j						
	Line 17 divided by Irre 12			554,636		- 1	002.500		,	60,536			378,560		
	Months in service for decreasition expense from			15.00		- 1	13.00			13,00			13,00		
	Year placed in Service (0 F					- 1	-350		,	****					
20	CYMP			2014			2016			7019			3019		
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_			lovest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
77 22		W 11.68 % RDE	2006	CHOING	Amenication	Newsons.	60000	KINONIZERMI	KEWMUSE	ENGING	A THE STATE OF THE	N.Evenue	Enging	NAME OF THE PARTY	HENGHLIP
P		W Increased ROE	2006	1		- 1			,						
34		W 11.68 % ROF	2007	}											
2		W Increased ROE	2007	1		- 1			1						
28		W 11,68 % ROE	2008	I		- 1			,						
27		W Increased ROE	2008	1		- 1			1						
ж		W 11,68 % ROE	2009	I		- 1			1						
>		W Incressed ROE	2009	1		- 1			,						
28		W 11.68 % ROE	2010	I		ı			1						
34		W Incressed ROE	2010	I		- 1			,						
3.7		W 11.68 % ROE	2011			- 1			1						
**		W Increased ROE	2011	1		- 1			1						
34		W 11.88 % ROE Wincressed ROF	2012 2012	l		- 1			1						
*		W Increased NOE W 11.68 % ROE	2012	1		- 1			1						
35		W Increased ROE	2013			- 1			1						
		W 11.68 % ROE	2014	l		l l			1						
-		W Incressed ROE	2014	1		l l			,						
		W 11.60 % ROE	2015	I		- 1			,				225,007	412	2,441
		W Increased ROE	2015	1		- 1			1				225,037	412	2,441
42		W 11.68 % ROE	2016	23,849,835	322,903	1,874,645	27,523,727	407,034	2,363,328	27,523,727	407,034	2,363,328	349,923	4,465	25,896
43		W Increased ROE	2016	23.849.835	322,903	1,874,846	27,523,727	407,034	2,363,328	27,523,727	407,034	2,353,325	349,923	4,465	25,899
		W 11,68 % POE	2017	24,556,823	583,272	3,294,965	27,091,582	653,428	3,685,670	27,091,682	553,429	3,685,670	14,750,891	214,966	1,227,17
		W Increased ROE	2017	24.558,823	583,272	3.294,965	27,091,682	653,428	3,685,670	27,091,682	653,420	3,685,670	14750,591	214,966	1,227,17
		W 11.68% ROE	2018	24.490,096	500,341	2,932,429	25.802.041	638,561	3,107,551	25,802,041	539 561	3,107,951	15.376.287	369,378	1,835,236
-											538.561	3.107.951	15.376.287		1,835,238
**		Wincressed ROF	2018	24 490 096	550 341										
*		W Increased ROE W 11.68 % ROE	2018 2019	24.490,096 23.485,587	590,341 594,636	2,932,429 2,483,396	25,802,041 26,129,595	632,561 682,586	3,107,951 2,763,670	25,802,041 26,129,595	662,586	2,763,670	15,238,900	369,378 376,863	1,502,222

Public Sowier Electric and Can Company ATACHAERT F-10A Page 13 of 25 25.00

L						L					ŀ			
				Mee Sector 3490	me bos Chromothoch VIII		a West of the Control	Ì	New Revenue Selection	September 176	7	Dografe Page Point Clouresets 2000 Current	Scaleurenter 230	W.Carant
2		Details	_	processed tobe	percented submerson upgrades (\$2437,21)		Percolated substation upgrades (82437.3th	82437.30	peacetized publishing upgrades (B2637.23)	MON upgrades (B.	N37.23		(81586)	
	Tas 'it a project under P.St.													
=		Schedule 12	Cres or No.	ş		***			ş		-	ţ		
2	Chart of the present	5		4		æ			c		_	2		
_	"Yes" if the customer has paid a		_								-			
	Ampean payment of the amount							_			-			
2	Obernie No	one one	(VIII or Ho)	ź		1		_	,			3		
_		_									_			
3	- ROE	Increased RDE (Best Point)		۰								•		
	13 sect Frontine 7 above if										_			
2	•	11.08% ROE		104		ş			5		-	*101		
											_			
#	a taylo	ACR for This Propert		KON		ğ			193		_	101		
	yet chemistred - End of year													
•		Investment		15,628,523		th (b) (b)			S. P. S. S.			121,122		
_		Avyzal Depreciation or Appet Exp	,											
2	_			278.880		\$15.000			\$18.tct			30.544		
2				9761		- 1			200			mit		
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٤	CHANG			202		100			21.5		1	12	-	
,			ì		Deposition or America	2	Depreciation or Am extrasting		and a	Depreciation of	110	Parties Age	Depreciation or	Personne
9 6		W 11.85 % ROE	2006	l	L		l		l	ı	-	ı	ı	
A		W Increased ROE	808											
X X		W 11.68 % ROE	2000											
1		W 1169 % POE	á											
R	_	W Premoted ROE	ĝ											
£	-	W 11.68 % ROE	5555											
*	_	W Increment ROE	90			_		_						
×	_	W 1.68 KROE	É											
		W MENERORDE	3 5											
		W Promoned ROE	Á					_						
2		W 11.68 % ROE	200											
¥	-	W Increased POE	ŝ											
Ħ		W 1168 ROE	Ę.			_								
* :	_	W Increased ROE	6.5											
,		W bernand BOR	į					_						
* \$		W 11.65 \$ BOE	2	225.037		-						11,980,348	215.491	1,282,387
¥		w increased ROE	2002	225,007	412 2,441	5		_				11,980,348	216,491	1,282,387
÷	_	W 11,58 % ROE	2018	340,873				141,823				11,871,005	287,786	1,646,241
٠	_	W Increased ROE	30.5	349,823			24,426	141,623				11,677,005	267,738	1,546,241
3		W 11,55 K ROE	ž.	14,750,613	•			1,564,077			-	11,523,746	75.756	1,586.A39
\$		W httestad ROE	201	14,750,613	214,968 1,227,153		225,245	1.684.077				11,583,748	287,739	1,586,739
*		W 11.66 K ROE	2 1 1 1 1	15,376,009				2228.613	15,251,024		1,479,354	11,256,576	257,750	1,368,948
¥		W Incressed POE	2018	15,376,009	369,378 1,805,212	19,782631		2,226,613	15,251,024	700	1,479,264	11,296,526	287,788	1,368,549
4		W TESS TOO	S S				Elegas.	200	1		2	1,00,20	20,000	
\$		TALLESSED INC.	S	12,000	į			7 150 ON	13000,400	į	1400 000 1	1,000,000	Cor, or co	

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 + Transmission Enhancement Chanuss Worksteet (TEC) - December 31, 2019

Place Carrying Change
Place Carrying Change
Place Carrying Change
Place Carrying Change
Place Carrying Change
Place Carrying Change without Dependence
Place Carrying Change pair 100 Basis Place Carrying Change pair 100 Basis Place In HOE without Dependence
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ı		l.		1									l		
IR		Details		Mickleton-Q	leurester 23044 Ci	TEN 8 (B21 897	Wickya Rain	ad \$400 Secular Station	(R 1256)		THE PERSON LINE	W. (1) / (1)	2545.3	Switch 230kV Converse	Q0 (0227k)
l	"Yest" if a project under PUM CATT Schedule 12, otherwise	l		1					- 1				ĺ		
۱,,	766	Schedule 12	(Yest or No.)	Yes			Yes		- 1	Yes			Yes		
	Useful life of the project	Lille		42			42		1	12	,		12		
ı	"Yee" of the sustamer has part a	l		l			;		- 1	1			ĺ		
ı	hampeum payment in the arround	1		1			į.		1				ĺ		
l 13	of the investment on line 29, Otherwise "No"	avc.	[Yes or No)						1	He			Na.		
l "	input the altered increase at	T	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				i		- 1				ĺ		
14	ROE	increased ROE (Basis Points)		,					1)				
ı	From Son 3 above if "No" on bree 13 and From Son 3 above 4	1		l			1		- 1	1			ĺ		
ء ا	"Yes" on line 13	11,69% ROE		190			2.04%		- 1	ROVE.			LDFR		
Ι"	Line 14 plus (fine 5 times line	l		1			1		1				ĺ		
18	15/100	FCR for This Project		LOTE			EDI'S.		1	6.51%			2.57%		
ı	Service Account 101 or 100 if not	I		1			i		1	1			ĺ		
۱,,	yet classified - End of year belance	Incomic and		19.279 047			42711-100		1	27,029 000					
Ι"									1	1			i .		
ı		Arrest Depression of Arrort Exp		1					ı						
12	Una 17 divided by line 12	I		450 021			1,018,417		I	792,610			•		
١.,	Months in service lot description expense from	I		1133			13,60			13.00			ĺ		
1 -	Year placed in Service (0 of	I					1		i	i			ĺ .		
1.2	CMP		,	2015			2019			7015					
ı		l :	i	ĺ	Depreciation or		i	Depreciation or	- 1	ĺ	Depreciation or		ĺ	Depreciation or	
l a			Javest Yr	Ending	Amontestion	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Scottes	Ending	Amortization	Revenue
- B		W 11.58 % ROE	2006							1					
22		W Increased ROE	2008	1			1		I	í			£		
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32		W Increased ROE	2011	1			i			i			i		
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1 .		W Increased ROE	2014	ĺ			i			í			i		
44		W 11.58 % RCE	2015	18,250,361	232,128	1,375,013	į.		I	17,370,246		1,096,185	13,591,177	156,762	926,580
44		W Increased RDE	2015	19,260,361	232,128	1,375,013	i			17,370,246		1,096,185	13,591,177	156,762	926,580
42		W 11,55 % ROE	2016	19,039,119	450,800	2,617,556	4,024,723	95,877	556,391	32,167,824	770,307	4,451,390	118,268,759	2,820,131	16,356,354
1 0		W Increased ROE	2016	19,009,119	45R 809	2,637,558	4,024,723	95,827	556,391	32,167,824		4,451,390	118,258,759	2,820,131	16,356,354
		W 11,56 % ROE	2017	10,586,669	458,892	2,542,906	39,658,124	277,639	1,582,248	31,074,276		4,250,525	{ a	9	9
47		W Increased ROE	2017	18,586,569	455,892	2,542,908	39,858,124	277,639	1,582,248	31,074,276		4,250,525	9	a	9
-		W 11,68 % ROE	2018	18,526,720	458,872	2,193,902	34,366,749	826,899	4,116,007	20,316,605		3,664,036		9	
1 41		W Increased ROE	2018	18,128,720	458,872	2 193 902	34,366,749	276,899	4,116,007	33,316,636		3,664,036		0	5
		W 11,68 N RCE	2019	17,570,135	450,021	1,079,076	41,581,532	1,018,617	4,362,193	29,545,578	762,610	3,138,615		D	
-		W Increased ROE	2019	17.670.135	459 021	1 879 878	41 581 532	1018617	4 362 193	29 548 579	752 610	3.138.615			

Public Service Bactric and Cles Company ATTACHMENT H-104 Page 15 of 23 ACCY ACCY ACCY 133% 153 Net Plant Cernong Charge

														
9	Desir		Install Consmangh	Install Consmangh 250MVAR Cae Bank (BO37C)	_	Reconfigure Keamy-Loop in 22216 Cat 18 (509)	Less in 72218 Ch	_	Recommens Enumented Sending SSNAC19-1 (8 2146)	Sch Sendige (SM)C)	N-T (82146)	350 MVAR Resider Hopersong Solev (82707)	Haplespera Som	V1827021
Yes if a project trade P.M.					_			_						
11 746	Schoolsie 12	Con a la	ì			ţ			,			ş		
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of the investment on line 20,	one.	SA SA SA	ź			1						2		
Part the aloned ecousie in	Character DOSE (Seein Prints)		•			•			•			•		
						•			•			•		
the Time College 13	11,00% ROE		499			EM			69			SAS		
to 150nth	FCR for This Project		M			ś			š			T TOTAL		
n Natura	brondment		1,104,258			27,718,239			144,736,847			TANK BELL		
	Annual Depreciation or Amort Exp.													
12 Line 17 decided by line 12			ZK PK			828,000			1,000,000			114,617		
We debredden externe born			arc.			410			828			811		
20 CMP)			*100			2018			201		-	1.62		
		į	ag «	Depracution or Amortization or	September 1	Pedin	Depreciation or Amortischen		T will	Depreciation or Amortization		Poding	Depractation or Amortization	Berreit
: 2	W 11.68 % POE	2002						Ļ			-	l	1	
а	W Instanted ROE	900												
z n	W Potested ROE	2002												
: #	W 11.89 % ROE	80%												
ħ.	W Morested NOE	888												
: *	W Promosed ROE	200												
	W 11.68 % ROE	50 50												
5 R	W 11.58 % ROE	ã												
2	W horeward ROE	ā												
× 1	W bernand ROS	200						-						
; ×	W 11.88 % ROE	S.												
* :	W Increased ROE	25												
	W Prevented ROE	Š												
8	W 11.08 % ROE	8 3												
• •	W 11.68 % ROE	a s	1,108,058	28,362	163,181									
7	W hypraged ROE	2016	1,105,058	25,382	150,161									
ī	W 11.68 # ROE	ន៍ន	1,061,675	26,362	147,691	2,060,962	51.75 51.75	2 2	75,384,047	8 6	26333			
* :	W treested ROE	i i	1,061,575	2 S	120,000	2,000,962	20/10	2 5 5 5	146 250 715	2 154 507	10.815.786	21,301,080	272673	1,368,726
	W Increased ROE	2018	1,061,575	CRESC	129,902	20,787,134	325,604	1839 441	146,250,715	27.72	10,815,296	21,301,063	272,673	138
	W 11.58 % ROE	50.00	1,029,011	36.382	109,117	27,007,050	\$39,006	2,288,010	148,538,027	3,550,621	15,333,782	22,030,024	50,02	2,302,454
	W Increased No.	8602	10/2011	200.00	105.11	000 100 13	300,000	S COLUMN	140 250 027	332052	2015 000 (2)	*2000024	10.00	1

Page 15 of 23

EST.

123 Net Plant Comping Charge

2	Control		2 Junganupanupa Rossburg	Card County Man - Dormal manufacture	Parameters Produce besiden (place)		(pril) Cardeni Refuiriti	Marth Cantrel Relation (Mens Disorge Cotymology) (83954) (CMIT)	1994 CHES	Me theur-Oleve	Me Manue Cheux energy profes (2004) 17 (Cheff)	
"Yes" if a project under P.34 CATT Schedule 12, otherwise	:				i		j			ì		
to the distance of	School 12	(See See See See See See See See See See	ţ		ž Q		Į Q			ŧ		
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13 Otherway No.	CHC	West or No.	4		4		ą		_	4		
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13 and Flore the 7 above d	11,58% ROE		W/CT		a.pers		204		•	2002		
Uha 14 plus (for 5 lones los			!		ļ				-	ž		
Service Account 101 or 105 linet vet chausfied - End of year	I-Cit to This Propert		S	•						•		
r) balance	(constitute)		•		•		٠			•		
14 Una 17 desided by time 12	Annual Dependantem or Annual Esp		•		a		۰			•		
,		, i	Depreciation or English Ameritation	ation or Bayesus	Depreciation or finding Amortization	Clon or Beyman	Ending	Depreciation or Amortization Re	and and	g embed	Depreciation ar Amortization Rev	Byenge
5 R	W 11.89 % ROE	×	1	1		l						
я	W Protessed ROE	90										
Z N	W Increased ROE	Ä										
. **	W 11,58 % ROE	900			8,827,062	819,421						
	W accessed FOE	80	A 600 83.4	254.647		300,000						
* *	W Processed POE	88	8,601,534	152,737	33,090,756	4,120,411						
*	W 11,69 % ROE	2010	10,121,290	1,719,499		10,780,919						
	W Indiabath NOS	2 2	30,000,000	3378 923		19.674.374	19,588,655			1,540,651		56,108
1 2	W hurasad ROE	ĕ	30,431,150	3,565,674		20,775,227	18,500,655			1,848,651		8
*	W 11.69 % ROE	ä	38,077,851	339,127		27,190,938	130,002,307			22.00		20,30
x ;	W remed HOE	N E	20,017,051 40,030,044	Series of Series		56.420759	702022			117,558,966		324.05
	W Increased ROE	ñ	40,538,248	8,720,133		80,074,507	79,292,223			117,559,865	~	1,924.475
	W 11.58 % RDE	<u>8</u>	12,476,737	100,700,1		28,945,163	31,517,517			160,260,325	# ;	1000
,	W Increased ROE	Š	12,476,737	1,646,580		31,000,624	31,617,517			160,360,925	2	100 PM
3:	W LEE HOL	2 5	9 6		15,544,617	1977701				26.03.18		8,500,846
: 3	W 11.68 % ROE	ž		a	0	5	a			9		
	W Increased ROE	3016	•	0	۵	0	•		0	Q	,	
,	W 11,58 % ROE	201	6	Q i	۵ ۰	65 (a 1		•			0 6
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\$ 1	W 11.68 % ROE	2 8	9	. 0	• •	•			. 0	۵		۵

Page (7 to 7)

		100	_	McMann-Chastana Carden Braden (61304.15-01394.19)	Indiana (Billion 15-01790.18)	Barbarbari Caratari 2004 Caranana (1885) (2007)	_	Tabagan Grade 3000 Conserve (1) (5.13 dect. 20 gran	Chick theretary by Chair	Northeast Grud R	Northeast Grd Reliability Project (B1304.1-B1304.4) (Cwile)	04.1-81304.4)
	Ven. If a project under P.IM. DATT Schoolife 12, otherwea											
= 1	1	Schedule 12	GY B	! :		1 4		, e		ì.		
7	Yes' if the customer has paid a	ţ		,		;		,		;		
	Ampaum payment in the minority											
ŧ,	Oborana NG	chc	(Yes or No)	약		2		э		ž		
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	From live 3 above 8 740" on live			•		•	_	,		ı		
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2	line to the flee firms for	THE R WILL										
2	19,100	FCR for This Project		FOR:		400		SD#K		4,187		
	Service Account 101 or 100 if not						_					
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=	Manthus in service for decreciation imposes from											
8												
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× 8		W 11 68 K BOTE	T SAME	Engline Amount	ZINDE KAMADA	Carlotte Among and	Kentura	Charles Amount	NAMES OF TAXABLE PARTY.	200	ARBITISTO	*******
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X i		W 11.68 % ROE	Đ.									
4 8		W 17 FF ROSE	į									
ı Fş	_	W hereneed ROE	2002									
×	_	W 11.68 A ROE	99									
* :		W Introduction	8 8									
, 5		VV Increased ROE	800				_					
я	_	W 11.58 % ROE	Ř			22,069,378	1,874,440					
*	_	W Incomed RO	E I		-	22,066,378	1,874.40		1			
4 :		W 11.08 W KCE	2 6	575,375	24,500	128.000,138	20,000,00	27,122,4	100,000	84 587 572		215,192,0
2 4		W 1168 % ROE	200	\$32,375	13,965	155 344 760	22,819,786	8,854,018	1,275,855	154 611, 443		16,512,178
2		W Increased ROS	£	\$32,375	73,865	155,344,780	22,819,755	8,854018	1,775,855	184,611,449		18,751,945
*		W 11.66 % ROE	204	572,375	95,53	56,976,430	7,020,265	3,745,932	461,661	21,553,988		76.70
*		W Increased ROE	ž	502,375	85,586	55,675,438	7,020,785	3,745,802	192,551	211,553,988		29,152,116
* :		W Incorporation	2 4	204.70	24000	3 6	9 6			717 783 181		202.00
. 2		W 11.55 % ROE	Ş		-		ם	• •	0	103,162,268		11,805,342
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\$		W Increased RDE	201		0	9	0	a	0	e ·		٠.
Ŧ	_	W 11,56 × ROE	800	-	aı	a 1	a	•	0 1	0 1		۰.
7		W increased ROE	2			01	01	0 (6	0		•
\$	_	N THE PERSON	ELY.		3.	٥.	=	٥	,	3		3

Pubbs Service Electric and Clas Company ATTACHAISMY N-19A Attachment F+Trensmission Enhancement Charges Worksheet (TES) + December 31, 2019

1 New Plant Carrying Charge

2 Privad Charge Ret (PCR) 4

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3 A 153 Med Plant Carrying Charge veltood Depressation

3 A 153 Med Plant Carrying Charge veltood Depressation

4 B 150 Med Plant Carrying Charge veltood Depressation

5 FCR # & CLAC

7 D 153 Med Plant Carrying Charge veltood Depressation

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ıò.		Details		Northeast Orte	Redishisty Project (B1904) (CWIP)	I-8130421)	CHEST MANY	gen – Marion 136 kV puth to nd associated substation up 193456,101 (CWIP)			-Bayanne "L" 130 KV circuit to 345 ted substation apprades (B2436.21) (CWIP)		on - Bayonne TCT 138 KV circuit fated substation apprades (834 15(Y19)	
	Yes' if a project under PJM	1		i			1			1		i		
.,	DATT Schedule 12, otherwise	Schedule 12	(Yes or No)	Y.a			Yes			Yes		Yes		
		Us.	(1-45-165)	42			42			6		42		
	"Yes" if the sustainer has paid a									1		1		
	lumpours payment in the amount	ł.		1			1			l		l		
	of the investment on time 29, Otherwise "No"	curc .	(Yes, or No)	. No			No			No		No.		
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	150/100	FCR for This Project		8.18%			205%			B.C.PS		8.04%		
	Service Account 101 or 106 if not	1					1			l		I		
,	yer stass-fied - End of year balance	Investment		١.										
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t		W increased ROE	2008				1			1		1		
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		W Increased ROE	2009				1			1		1		
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		W 11.68 % ROE	2011	I			l			I		i		
		W Increased ROE	2011	I			1			1		1		
		W 11.68 % ROE	2012	5,537,185		457,198	l			1		i		
		W Increased ROE	2012	5,537,185		462,613	I			1		I		
		W 11.68 % ROE	2013	18,052,410		1,527,531	I			1		I		
		W Increased ROE	2013	18,052,410		1,649,610	I					1		
		W 11,58 % ROE	2014	33,290,621		3,559,551	9,496,512		191,363	1,589,541	61,526	1,531,032		54
		W Incressed RDE	2014	33,293,621		3,752,145	9,496,612		191,383	1,589,541	61,526	1,531,032		5
		W 11.68 % ROE	2015	31,157,349		2,302,742	79,533,944		10,309	14,261,935	A36,684	14,001,213		81
		W Incressed ROE	2015	31,157,349		2,336,446	79,833,944		18,309	14,281,935	835,684	14,081,213		811
		W 11,68 % ROE	2016	35,334,506		4,043,459	518,235		126,158	11,570,665	857,240 857,240	2,658,598 2,658,598		97
		W Increased ROE	2016	35,334,506		4,104,014	518,235		26,158	11,570,565				
		W 11,68 % RDE	2017	0		0	281,639		43,159	20,566,179	1,723,268	14,556,795		82
		W Increased ROE	2017	0		0	281,839		43,159	20,566,179	1,723,268	14,566,795		a2
		W 11,68 % RDE	2018			٥	327,500		31,344	3,373,416	322,657	4,366,775		41
12		W increased ROE	2018	0		c	327,500		31,344	3,373,416	322,857	4,386,776		418
		W 11.68 % ROE	2019	1 5		D.	0		٥	0	g.	1 8		

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Public Service Beathe and Dan Company
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Page 20 of 23

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			PAR (LOPE) - EMPINE SELECTION OF SELECTION O		Convec the Engrany - Linden "2" 139 av oftong to AS IV and any resociated substations	Convert the Bayway - Linden "N" 138 KV Eitcut to 345 NY and any essociated scientation upgrades (95N X.84)
Year of a project under P.M.	uran.	-	NA SPORTER STATE OF THE SPORT AND THE SPORT			
13 No.	Schenide 12 (Yes or No)	Ę	,	7,00	Yes	*
12 Deep like of the project	3	_	4	ç	•	·
Year's the contenter has part a						
	Self-resident se		£	ź	2	2
Prot the sloved increase in		!	!		•	•
" ROE	Increased ROE (Status Points)		ø	•		•
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ts "Vac on love 13	11.02% ROE		2002			
15 15/100	FCR to The Popel		200	ahos.	ROFF	anex
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я	W Ingressed ROE	8 8				
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		2				
а	W 11.63 % ROE	E :				
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*		2				
* 1	W 1164 RROF 201	200				566,297
				587,317	591,317	568,293
7		5	7,110,556	4,018,145	4,018,145	3,852,871
	-	2	•		21015 450	
7	W TEST W	e 1	40,000,419		21015450	72913840 1342797
s :					2,241,385	
. 1	_	-		2241.295	2,241,295	211,045
		2	•	94,069		
	_	910			80.847	0
	507 13 SRING ROE 203	- 050	•			

Public Service Electric and User Consumy ATTACHNERNT H-1 DA Attachment 7 - Transmission Enhancement Charges Workstoen (TEC) - December 31, 2015

•	Now Plant Carry	ing Charge				Page 21 of 23
2	Fixed Charge R If not a CLAC	tate (PCR) If	Formula Line			
3		A	152	Net Plant Carrying Charge without Depreciation	AGANA	
4		В	159	Net Plant Carrying Charge per 100 Basis Point in ROE webset Degressions	A.CO.	
\$		c		Line B loss Line A	0.57%	
_	FCR II a CIAC					
•	PCK II \$ CARC					
7		D	153	Net Pfort Corrying Charge without Depreciation, Return, nor Income Teres	1.20%	
				The PCS testiling true Forests in a given year is used for that year only.		
				Transfers actual reservoir collected in a year do not change haved on cost data for subsequent years,		
				Per FERC Cinies dated December 18, 2616 in Dackel Ma, ERIS-208, the ROE for the Hanke set Gold Refoliging Project in 13,52%,		
				which includes a 22 basing-cost transmit seen RDE adder as authorized by FERC to become affective January 1, 2012.		
				For abbrighted plant lines 12, 14, 15, and 18 will be trute Affactive at 3 - Abundanced Transmission Projects, Line 17 is the		
				13 month presign balance from Atlach Fa, and Line 19 will be mander of months to be accorded in year plus one.		

		Ortalo		Convect the Bayway - Linden "N" 130		Marion 345 KV and are	doon "8" and "C" 345 KV climits to y associated substation approdes 456.5th (CMIP)		R generation to Inject into the 345 kV at occurs you protect (FE)449-3() (CWIP)		ZIO NV transformer and any associal on upgrades (8243), 131 (CWIF)
T	Yes's a project under P.M.	Detain		and any associated substition undrade	PIBSEN RELICEMENT	163	OS 90 (CMP)	Marion and any sep	oci je tag nodavaca (1834/18/34) (C.M.L.L.)	TUTO PROFIT	on upgrades (82437,12) (CW/IP)
	CATT Schedule 12 otherwise			1		1		1		!	
11	No"	Schedule 12	(Yes or No)	Yes		Yes		Yee		Yes	
12	Lisant & life of the newcot	i.m				42		42		42	
	"Yes" if the contoner has paid a fumpourn payment in the arrount										
13		анс	(Yea or No)	No.		No		No		No	
10	Input the allowed increase in ROE	Introaset ROE (Seeis Points)		1 0		l n					
	From line 3 above 7 "No" on line	l land and the same of the same of		i "		l "		l "		1	
	13 and From tine 7 above if			1				1		1	
15	Yes as line 13	11.88% ROE		20%		8.04%		800%		8.04%	
	Line 14 plus fine 5 tents line			1		l		l		l	
*	15)/100 Service Account 101 or 108 if not	PCR for This Project		BOPS .		8.0%		8,500		8.04%	
	wet classified - End of year			1		l		1		1	
17	balance	bwassnest		1 .		١ .					
				1		Ι .		1 *		1	
		Annual Depreciation or Amort Exp		1 .		I		1		1	
u	Line 17 divided by See 12					٠ -		١ •			
10	Months in service for dependantion expense from			1							
	Year placed in Service (0 if			1							
20	CWP			1							
				Depreciation or			Depreciation or		Depreciation or		Depreciation or
21			Invest Vr	Endine Ameritation	REVERSE	Sed in a	Amortizion Revenue	Ending	Amortization Revenue	Enting	Amortization Revenue
21		W 11.58 % ROE	2006	Language Rings Page 1	AL VEINE		MC781MC	- Dame			7,74103
23		W Increased ROE	2006	1		l		1		1	
34		W 11.58 %-ROE	2007								
25		W Increased ROE	2007			Ì					
24		W 11,58 % ROE	2006			ŀ					
27		W Increased ROE	2008			l					
		W 11,58 % ROE	2009			ŀ					
ж		W Incressed RDE	2009			1				i	
×		W 11.69 % ROE	2010	1		l		1		1	
5+		Wincreased ROE	2010	1		l		1		I	
**		W 11.68 % ROE Windressed ROE	2011	1		l				1	
72		W 11.68 % ROE	2012	1		i		1		i	
-		W 11.56 % ROE W tocommed ROE	2012	1		1		l		ł	
×		W 11,68 % ROE	2013	l .		i		I		1	
,		Witsterned ROE	2013	I .		l		I		1	
-		W 11.68 % ROE	2014	569,297	24,114	1,581,597	53,896	1,286,903	49,434	4,799,334	220
-		Witzensed ROE	2014	559,297	24,114	1,581,597	53,898		49,434		220,
5		W 11.08 % ROE	2015	3,852,871	236,639	14,750,089	849,382		760,003	20,855,739	1,506
*1		W Increased RCE	2015	3,852,871	236,630	14,750,089	849,382		780,003	20,855,739	1,506
**		W 11.68 % RCE	2015	22.912.843	1,342,797	946,969	868,196		704,952		906
**		Wincressed ROE	2016	22,912,843	1,342,797	946,989	863.19S		704952		906
-		W 11.66 % RCE	2017	211.945	1,072,332	891,553	91,333			210,961	23,
		W Increased RCE	2017	211,045	1,072,332	891,553	91,333				23.
**		W 11,68 % ROE	2018	1 21000	0,512,004	1,421,804	136,075		702	352.57a	33,
		Wincreased ROE	2018	1 6	0	1,421,804	136,075		702		33.
		W 11.68 % ROE	2019	ĭ	Ď	1,421,004	Ď	1 ,		1	

Public Service Electric and Gas Company ATTACHMENT M-10A Attachment 7 - Transmission Enhances set Charges Workshee (TEC) - December 31, 2019

Page 2 of 2 of Page Response Charge Response

				Haw Bergen 2459	26 kV stansformer #1 and any	New Bayway	NAST MEN'S considerate of 41 and any	Men Bayway 34	SST 36 KV (tanaformer 62 and any		No MV transform at and any associat
10		Details		associated substati	on operacles (82437,11) (CMP	3760Clisted State	## (5) VACUTARINE (\$2437.30) (CHAPP)	agenciated subst	ation upgrades (82437.21) [CWIP]	sub-#ati-go	HOGINGH IBBAST, 301 (CWIP)
	'Yes' if a project under PUM DATT Schedule 12 offerwise			!		1		Į.		1	
	"No"	Schedule 12	(Yes or No)	Yes		Yes		Yes		Tot.	
	Lineful life of the brosest	مغا	, ,	42		42		42		42	
	Yes" if the customer has paid a furnishin payment in the amount					-					
	of the investment on line 29, Otherwise "No"	CINC	(Yes or No)	No		No		l No		No	
"	input the allowed increase in		(remain range			1		l		1	
	ROE From line 3 strave of "Not" on line	Increased ROE (Susin Points)		۵				۰ ا		0	
	13 and From Erm 7 above 4					t		l		1	
15	Yes on the 12	11,6MLROE		8,04%		A.Deta		A.DAY.		ADM	
	Line 14 plus (line 5 terres line 159100	FCR for This Project		ADPS		apes		a.om.		apes	
	Service Account 101 or 105 il not	PCR for Find Project		***				1			
	yet classified + End of year			1				l		1 .	
17	bulance	branch training				*		•			
		Annual Depreciation or Amost Exp						}		ł	
4	Liner 57 divaded by line 12										
48	Months in service for decreosition extense from							l		i	
	Year placed in Service (D it CWIP)							1		1	
70	CMPS							 		 	
					Depreciation of		Depreciation or	1	Depreciation or	1	Copreciation or
21	1		INVEST YE	Ending	Americation Revenue	Ending	Amortization Research	Ending	Amortization Reserve	Ending	Amortization Resetted
22		W 11.68 % ROE W Increased ROE	2006 2006					ł		1	
72 24		W 11.58 % ROE	2007					l		1	
29		W Increased ROE	2007					1		1	
×		W 11.68 % ROE	2008	l				1			
27		W Increased ROE	2008					l			
>		W 11.68 % ROE	2009					l			
*		W Increased ROE	2003	l				l			
×		W 11.68 % ROE W Increased ROE	2010 2010					1			
31		W 11.53 % ROE	2011	l				į			
22		W Increased ROE	2011	l		1		1			
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м		W Increased ROE	2012	į.		1)			
*		W 11.68 % ROE	2013	i				i			
23		W Increased ROE W 11.68 % ROE	2013 2014	5,002,105	223,17	1 123,509	4,946	124,051	4,952	337,481	12.
10		W Increased ROE	2014	5,002,105	223,17		4,946	124061	4,952		13.
*		W 11.68 % ROE	2015	21,058,511	1,530,12		146,281	2,602,395	148,345		
**		W Increased ROE	2015	21,058,511	1,530,12		148,261	2,602,395	148,345	2,972,226	
•2		W 11.68 % ROE	2016	95,330	915,29		597,380	9,750,168	507,124	35,616,949	
43		W Increased ROE	2016	56,330	915,23		597,380	9,750,168	597,124		
-4		W 11.68 % ROE	2017	96,330	10,80		456,263	8,039	455,980		2,683,
25		W Increased ROE	2017	96,330	10,80		456,263	8,039	455,900		2,983,
		W 11.68 % ROE	2016	352,578	33,74		735	7,676	735	1,573,479	
**											
4		W Increased ROE W 11,68 % ROE	2018	352,578	33,74	4 7,678	735	7,578	735		160,

Public Service Electric and Oas Company ATTACOMENT 1-10A Attachment 7 - Transmission Enhancem me Changes Worksheet (TEC) - December 31, 2010

		New Plant Corning Charge									Page 23 of 23
2		Fixed Charpe Rate (FCR) ((
		Wnot a CSAC	Formula Line								
3		Á	152	Net Plant Carryle	ng Charge without De ng Charge per 100 Ba	preciation	~	u a Dunas ariation		EGN6	
- 7		č	134	Line Bless Line	A COMPANIES	MA TURK IT IS	JE WUY	M Deixerzekei		0.57%	
٠		FCR H a CIAC									
,		۵	153	Net Plant Carryin	ng Charge without Die	processors, Risk	barro, mos	busine Taxes.		1,33%	
				The FCS reculting	ina formalis lo a giron	veter in used for	that was	east.			
								na cost data ha nabango	unt years.		
									Grid Reliability Project is 11,	£9%,	
									ettecise <i>e Ja</i> rouny 1, 1911. Billion Projetti, Liew 17 to the		
				1) possib presage (balance from Allach Fa	, and Lien 13 will	l he numi	ber of worths to be man	rkiet in year plus ana.		
				1			Г				i
					345/68 KV (randorn		ı				
10		Details		ansociated or	ubstation upgrades (CWIP)	(B2437.23)	1				
	"Yes" it a project under PJM DATT Schedule 12, ctherwise						1				
11	74o*	Schedule 12	(Yes or No)	Yes		1	1				
12	Usant the of the project "Yes" if the customer has paid a	Line .		47							
	lumpsum payment in the amount of the investment on line 29,			1			I				
9	Otherwise Tio* Input the allowed increase in	cuc:	(Yest or No)	No							
14	ROE From large 3 shows 11 "Mo" on large	Increased ROE (Bassa Ponts)		0							
۱.,	13 and From Sno 7 above if "Yes" on Sno 13	11.66% ROE		8.04%							
	Line 14 plus (line 5 trose line 15/100	FCR for This Project		100							
1	Service Account 101 or 108 if not	PCR IOI INS Project		8.54%							
12	yet classified + End of year balance	line quatrisping									
ı		Annual Depreciation or Amort Exp									
1*	Line 17 divided by line 12 Months in service for			۰ ا							
14	depreciation embense from Year placed in Service (D.F										
 *	CWIP			 			 			1	
,			(nvest Yr	Ending	Depreciation of Amortization	Revenue		Total	Meanive Charges	Revenue Credit	
22		W 11.68 % ROE	2006	1			\$	4,652,471		\$ 4,552,471	
24		W Increased ROE W 11.68 % ROE	2006 2007				s	4,652,471 29,476,571	\$ 4,652,471	\$ 29,476,571	· .
25		Wincressed ROE W 11.68 N ROE	2007 2008				\$	29,476,571 32,346,385	\$ 29,476,571	\$ 32,346,365	s .
23		W Increased ROE	2008				5	32,385,646	\$ 32,385,646		\$ 39,261
3		W 51.68 % ROE W Increased ROE	2009				s s	\$1,356,608 \$1,586,883	\$ 51,586,863	\$ 51,356,608	s 232,275
25		W 11.68 % ROE Windersed ROE	2010 2010				5	61,349,032	\$ 62,015,568	\$ 61,349,032	3 660,536
25		W 11.58 % RCE	2015	1			3	78,438,322		5 78,438,322	5 -
:		Wincremed RCE W 11.68 % RCE	2011 2012	1			5	79,623,709 129,728,618	\$ 79,823,709	5 129,728,618	\$ 1,385,386
*		W Increased ROE W 11,88 % ROE	2012 2013	1			\$	131,856,773 279,708,533	\$ 101,858,775	5 279,708,533	\$ 2,130,155
w		W increased ROE	2013				Īŝ	254,314,797	\$ 284,314,707	1	\$ 4,606,285
*		W 11,58 % ROE W increased ROE	2014 2014	123,460 133,460		5,677 5,677	5	342,977,142 349,623,024	\$ 349,823,024	\$ 342,977,142	\$ 6,845,683
4		W 11.58 % ROE Windersed ROE	2015 2015	258,129 258 129		20,604 20,604	5	434,110,713	\$ 441,514,467	S 434,110,713	\$ 7,500,754
4)		W 11,53 % ROE	2015	2,173,541		157,509	\$	558,001,204		\$ 558,001,294	
43		W Increased ROE W 11,63 % ROE	2016 2017	2,173,541 12,011,798		157,609 731,664	1	566,000,659 578,780,093	\$ 566,060,859	s 578,780,093	\$ 8,079,655
-		W Increased ROE	2017	12,011,798		731,564	3	586,633,635	\$ 566,633,835		\$ 7,853,742
-		W 11.68 % ROE W Increased ROE	2018 2018	1,914,773		183,255	5	506,060,336 511,849,690	\$ 511,549,690	\$ 506,060,336	S 5,789,054
							1 >		◆ 211,599,660	l	1 5,189,354
4		W 11.68 % ROE W Increased ROE	2019	9		0	1 .	494,441,635	5 490,646,817	\$ 494,441,635	\$6204.982

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 Projected Costs of Plant in Forecasted Rate Base and In-Service Dates 12 Months Ended December 31, 2019

Required Transmission Enhancements

lpgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2019) *	Anticipated/Actual in Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,645,602	Jan-05
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-09
b0498	Loop the 5021 circuit Into New Freedom 500 kV substation	S 27,005,248	May-09
b0161	Install 230-138kV transformer at Metuchen substation	\$ 25,654,455	Nov-08
	Build a new 230 kV section from Sranchburg - Flagtown and move the Flagtown -		
b0169	Somerville 230 kV circuit to the new section	S 15,731,554	May-08
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	Мву-09
b0172.2	Replace wave trap at Branchburg 500kV substation	\$ 27,988	Feb-07
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$ 9,158,918	May-12
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$ 20,626,991	Dec-12
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$ 21,170,273	May-11
b0290	Branchburg 400 MVAR Capacitor	\$ 77,352,830	Nov-10
_b0472	Saddle Brook - Alhenia Upgrade Cable	\$ 14,404,842	Nov-08
b0664-b0666	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	\$ 48,035,637	Dec-10
b1410-b1415	Replace Salem 500 kV breakers	\$ 15,865,267	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	\$ 21,736,918	May-11
b1155	Branchburg-Middlesex Swich Rack	s 62,938,142	Dec-11
b1399	Aldene-Springfield Rd. Conversion	5 72,376,948	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit	\$ 11,276,183	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,081,133	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,278,867	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 42,781,896	Jun-16
b1787	New Cox's Comer-Lumberton 230kV Circuit	\$ 32,029,640	Nov-13
ь0376	Install Conemaugh 250MVAR Cap Bank	\$ 1,108.058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt	\$ 22,2 <u>18,229</u>	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T	\$ 149,126,087	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV	\$ 22,302,597	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at	\$ 5,857,687	Jun-14
b0489.4	Bushkill to Roseland (Below 500 kV elements of the project)	\$ 40,538,248	Nov-11
60489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 721,881,272	Mar-15
b1156	Burlington - Camden 230kV Conversion	\$ 356,333,540	Oct-14
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$ 438,746,971	Jun-15
b1154	North Central Reliability (West Orange Conversion)	\$ 370,007,352	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project	\$ 625,126,924	Jun-15
b2436,10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$ 180,222,157	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 64,274,999	May-16
	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation		
b2438.22	upgrades Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway,	\$ 47,416,059	May-16
b2438.60	convert it to 345 kV, and any associated substation upgrades	\$ 48,470,597	Dec-15
b2435.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 49,111,440	Dec-15
	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation	\$ 49,111,440	Dec-15
62436,83	upgrades Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation		
b2436.84	upgrades Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation	\$ 46,581,405	Dec-15
	upgrades Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any	\$ 46,581,405	Dec-15
b2436.85	Transcent Cattadar - Underst in initial in the sea walenter to Matter the Annual Cattadar		May-16
b2436.85 b2436.90	associated substation upgrades	\$ 31,820,773	
b2436.90 b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 27,828,619	May-16
b2436.90 b2437.10 b2437.20	New Bergen 345/230 KV transformer and any associated substation upgrades New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 27,828,619 \$ 15,828,121	Dec-15
b2436.90 b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 27,828,619	

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

Attachment 14 FERC Order

165 FERC ¶ 61,275 UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Neil Chatterjee, Chairman; Cheryl A. LaFleur, Richard Glick.

PJM Interconnection, L.L.C. Public Service Electric and Gas Company Docket No. ER19-204-000

ORDER ACCEPTING TARIFF REVISIONS SUBJECT TO THE ADDITION OF FOOTNOTE AND TO THE CORRECTION OF ACCOUNT NUMBERS

(Issued December 28, 2018)

1. On October 29, 2018, pursuant to section 205 of the Federal Power Act (FPA), PJM Interconnection, L.L.C. (PJM) filed on behalf of Public Service Electric and Gas Company (PSEG) proposed revisions to PJM's Open Access Transmission Tariff (OATT, or Tariff)² transmission formula rate (Formula Rate) to address various income tax-related items relating to the effects of the Tax Cuts and Jobs Act of 2017 (TCJA) and other Commission formula rate determinations.³ In this order, we accept the proposed revisions, subject to the correction of account numbers, the addition of a clarifying footnote, and submission of a compliance filing, effective January 1, 2019, as discussed more fully below.

I. Background

2. Among other things, the TCJA reduced the federal corporate income tax rate from a maximum of 35 percent to a flat 21 percent, effective January 1, 2018. This tax rate reduction also results in a reduction in accumulated deferred income tax (ADIT) liabilities and ADIT assets on the books of rate-regulated companies. Moreover, a portion of an ADIT liability that was collected from customers will no longer be owed to the Internal Revenue Service (IRS) and is considered excess ADIT. On November 15,

¹ 16 U.S.C. § 824d (2012).

² PJM Interconnection, L.L.C., Intra-PJM Tariffs, <u>OATT ATT H-10A</u>, <u>OATT Attachment H-10A</u> - Public Service <u>Electric and Gas Comp (11.0.0)</u>.

³ Tax Cuts and Jobs Act, Pub. L. No. 115-97, 131 Stat. 2054 (2017) (TCJA).

2018, the Commission issued a Notice of Proposed Rulemaking to address the effects of the TCJA on the ADIT reflected in all transmission rates under an OATT, a transmission owner tariff, or a rate schedule of public utility transmission providers (ADIT NOPR).⁴

II. Filing

3. PSEG proposes to revise its Formula Rate template under PJM's Tariff to address income tax-related items that are the result of the TCJA and other recent Commission precedent. Specifically, PSEG proposes the following three changes: (1) a modification to allow the return to (or recovery from) customers of the excess (or deficient) ADIT resulting from changes in the income tax laws; (2) a revision to prospectively account for deferred income taxes associated with the equity component of the Allowance for Funds Used During Construction (AFUDC Equity); and (3) the elimination of the two-step averaging method of calculating the prorated ADIT balance. PSEG states the result of its proposed changes will be an 11.7 percent reduction in 2019 transmission rates, or a reduction of approximately \$157 million. PSEG requests that the Commission treat this as a single-issue rate filing, consistent with recent precedent, and requests an effective date of January 1, 2019.⁵

A. Flow-Back of Excess (or Recovery of Deficient) ADIT

- 4. PSEG proposes modifications to Appendix A of its Formula Rate in order to return to customers the excess deferred taxes that it collected as a result of the reduction in the federal income tax rate from 35 percent to 21 percent under the TCJA. PSEG explains that this proposed change will also enable the flow-back to, or recovery from, customers of excesses or deficiencies if there are future changes in income tax rates.
- 5. First, PSEG proposes to add line items to its Formula Rate that will adjust rate base for excess ADIT recorded in Account 254 (Other Regulatory Liabilities), or for deficient ADIT recorded in Account 182.3 (Other Regulatory Assets). PSEG states that the addition of lines 44a, 44b, and 44c (Regulatory Assets and Liabilities) are necessary to ensure that its rate base is adjusted to reflect the sum of any excess and deficient deferred taxes. PSEG states that it recorded excess deferred tax balances at the end of

⁴ Pub. Util. Transmission Rate Changes to Address Accumulated Deferred Income Taxes, 165 FERC ¶ 61,117, at P 1 (2018) (ADIT NOPR); see also Inquiry Regarding the Effect of the Tax Cuts and Jobs Act on Commission-Jurisdictional Rates, 162 FERC ¶ 61,223 (2018) (seeking comment on whether, and if so how, the Commission should address the effects of the TCJA on ADIT and bonus depreciation in Commission-jurisdictional rates).

⁵ PSEG Filing Letter at 1–2.

2017 in Account 254, and the addition of these line items will ensure that plant-related excess deferred tax remains a reduction to rate base.⁶

- 6. Second, PSEG proposes additional lines 128a to 128e, and Notes S and T to provide for the flow-back of excess (or recovery of deficient) deferred income taxes to customers.⁷
- 7. PSEG proposes to amortize the "protected" excess ADIT amounts using the IRS-mandated average rate assumption methodology (ARAM). For "unprotected" excess ADIT amounts, PSEG proposes to flow back the amounts to customers evenly over calendar year 2019. PSEG states that during its annual Formula Rate update, it will provide a work paper identifying and describing the excess or deficient deferred income taxes being amortized, which will come directly from its tax accounting records.
- 8. PSEG states that these proposed revisions are consistent with Commission guidance and recent Commission precedent. For example, PSEG states that the Commission has previously approved tariff revisions to enable amortization of the effect of tax law or tax rate changes in the income tax calculation of formula rates, and reflect the effect of excess or deficient ADIT on rate base by reducing or increasing the tax expense. PSEG asserts that the Commission has approved similar formula rate

⁶ *Id.* at 5.

⁷ PSEG proposes that lines 128a and 128b will include the "amortized deficient deferred taxes" recorded to Account 407.3 (Regulatory Debits) and "amortized excess deferred taxes" recorded to Account 407.4 (Regulatory Credits), respectively. Line 128c is the total of 128a and 128b. Line 128d is the tax gross-up percentage. Line 128e is the total net deficient and excess deferred tax amortization grossed up for taxes (Line 128c multiplied by Line 128d). PSEG Filing Letter at 5.

⁸ Protected excess ADIT consists of tax depreciation associated with plant assets. *Id.* at 6.

⁹ Unprotected excess ADIT consists of items not subject to tax depreciation, such as book-to-tax basis adjustments. *Id.*

 $^{^{10}}$ Id. (citing Midcontinent Indep. Sys. Operator, Inc., 163 FERC ¶ 61,163, at P 7 (2018) (Ameren)).

modifications that permit the return of excess deferred taxes (or the recovery of deficient taxes) because they provide for a more accurate annual revenue requirement.¹¹

9. Finally, PSEG states that its proposed revisions are consistent with the Commission's normalization rules and the Commission's Chief Accountant's guidance on accounting for income taxes. 12

B. AFUDC Equity

- 10. PSEG proposes to modify Appendix A of its Formula Rate to recognize that the portion of depreciation expense associated with AFUDC Equity is not deductible for income tax purposes. PSEG states that, currently, its Formula Rate treats the depreciation component of its revenue requirement as if it was fully deductible. PSEG states that this fails to collect its actual tax expense associated with AFUDC Equity, resulting in a deficiency in tax revenues. PSEG states that this modification is intended to be prospective in nature, starting in 2019, so that it captures on-going amounts that have not yet been recovered in rates. ¹³
- 11. PSEG estimates that this change to its Formula Rate will result in a \$1.7 million transmission rate increase approximately 0.1 percent in 2019. As with its other proposed changes to Appendix A of the Formula Rate, PSEG states that it will provide a work paper during its annual Formula Rate filing that identifies and describes the amount of AFUDC Equity (and associated depreciation), and the effect on its income tax expense. PSEG states that the work paper will come directly from its tax accounting records.
- ¹¹ Id. (citing Midcontinent Indep. Sys. Operator, Inc., 153 FERC ¶ 61,374, at P 12 (2015) (ITC Companies)).
- ¹² Id. at 6–7 (citing, e.g., Regulations Implementing Tax Normalization for Certain Items Reflecting Timing Differences in the Recognition of Expenses or Revenues for Ratemaking and Income Tax Purposes, Order No. 144, FERC Stats. & Regs. ¶ 30,254 (1981), order on reh'g, Order No. 144-A, FERC Stats. & Regs. ¶ 30,340 (1982), aff'd sub nom. Pub. Sys. v. FERC, 709 F.2d 73 (D.C. Cir. 1983)).
- ¹³ PSE&G proposes to add lines 128f, 128g, and 128h, labeled "AFUDC Equity Permanent Difference," to its Formula Rate Appendix A. Specifically, line 128f includes the addback of book deprecation related to AFUDC Equity. Line 128g is the tax gross-up percentage (1/(1-T)). Line 128h computes the AFUDC Equity Permanent Difference Tax Adjustment by multiplying the tax gross-up percentage on Line 128g by the depreciation expense associated with AFUDC included on Line 128f. PSEG also proposes to add Note U to provide further explanation. PSEG Filing Letter at 7.

12. PSEG argues that these proposed revisions are consistent with: recent Commission precedent; the Commission's recognition that the depreciation associated with AFUDC Equity is not tax-deductible; and, the Commission's normalization rules detailed in Order No. 144-A.¹⁴

C. Averaging Method Used to Calculate ADIT

13. PSEG states that, in Attachment 1 of its current Formula Rate, PSEG calculates the ADIT balance by prorating the projected monthly change in plant-related deferred taxes, and then averaging the beginning and end-of-year balances. PSEG states that this is referred to as the two-step averaging method. PSEG notes that following a 2017 private letter ruling by the IRS to a public utility taxpayer on this issue, the Commission rejected a proposal that applied the two-step averaging method; moreover, the Commission later identified additional entities that use this method and could address the Commission's concerns with it by eliminating its use in determining ADIT balances. Accordingly, PSEG proposes in the instant filing to eliminate the two-step averaging method so that the calculation method is consistent with a methodology recently supported by the Commission. Based upon its 2019 annual Formula Rate forecast, PSEG estimates this change will result in an approximately \$1 million reduction in its revenue requirement.

 $^{^{14}}$ Id. at 8 (citing, e.g., Ameren, 163 FERC ¶ 61,163 at P 57; Order No. 144-A, FERC Stats. & Regs. ¶ 30,340 at 30,136).

¹⁵ Id. at 9 (citing, e.g., Ameren Ill. Co., 163 FERC ¶ 61,200 (2018)).

¹⁶ PSEG proposes to revise Formula Rate Attachments 1 and 1A by separating the amounts in Account 282 (Accumulated Deferred Income Taxes—Other Property) in to two categories: those that are not prorated, and those that are. The former will continue to use the simple average of the beginning and end-of-year balances. The latter will reflect the pro rata amount of any increase during the future portion of the period as determined by multiplying the monthly increase or decrease by a fraction: the number of days remaining in the period at the time the increase is to accrue, divided by the total number of days in the future portion of the period. PSEG states that the monthly prorated amounts will be shown in the ADIT – 282 (Subject to Proration) section of Attachment 1 – ADIT Worksheet. The prorated balance included in Total ADIT – 282 (Subject to Proration) will be added to the simple average of ADIT Accounts 190 (Accumulated Deferred Income Taxes), 282 (Not Subject to Proration), and 283 (Accumulated Deferred Income Taxes—Other). PSEG Filing Letter at 9.

III. Notice and Responsive Pleadings

14. Notice of PSEG's filing was published in the *Federal Register*, 83 Fed. Reg. 55,158 (2018), with interventions and protests due on or before November 19, 2018. The New Jersey Board of Public Utilities, PPL Electric Utilities Corporation, and the Public Power Association of New Jersey each filed timely motions to intervene. The New Jersey Division of Rate Counsel (Rate Counsel) filed a timely motion to intervene and limited protest. PSEG filed a motion for leave to answer and answer to Rate Counsel's limited protest.

A. Protest

- 15. Rate Counsel's protest is limited to PSEG's proposal to flow back excess/deficient ADIT amounts, and it states that it does not oppose PSEG's proposals regarding rate treatment of AFUDC Equity and elimination of the two-step averaging method to calculate ADIT balances.¹⁷
- 16. Rate Counsel argues that PSEG's proposal to flow back excess/deficient ADIT amounts violates Commission policy with respect to ratemaking treatment of regulatory assets/liabilities, because PSEG seeks to include these amounts in rates without prior Commission approval, which Rate Counsel argues requires a separate FPA section 205 filing. Rate Counsel also notes that the Commission stated in the ADIT NOPR that the return of excess ADIT or collection of deficient ADIT is not a "one-size-fits-all" proposition for all utilities, and Rate Counsel thus argues that the Commission should require a utility to show that its rate—after including a regulatory asset or liability—is just and reasonable. ¹⁹
- 17. Rate Counsel also argues that PSEG's proposed formula rate revisions do not meet the Commission's requirements because PSEG has not provided sufficient data to enable review of its calculations. Rate Counsel objects to PSEG's reliance on a promise to provide a work paper and data as part of its formula rate annual update. Rate Counsel

¹⁷ Rate Counsel Protest at 4.

 $^{^{18}}$ Id. at 4–5 (citing Piedmont Mun. Power Agency v. Duke Energy Carolinas, LLC, 162 FERC ¶ 61,109, at P 32 (2018) (Piedmont) (citing Virginia Elec. and Power Co., 128 FERC ¶ 61,026, at PP 22, 31–34 (2009))).

¹⁹ Id. at 6-7 (citing ADIT NOPR, 165 FERC ¶ 61,117 at PP 27, 37).

also asserts that PSEG's proposal is inconsistent with the ADIT NOPR because it fails to provide the transparency the Commission seeks from formula rates.²⁰

- 18. Finally, Rate Counsel expresses concerns that PSEG's proposed formula rate revisions would allow it to flow back excess/deficient ADIT amounts arising from future changes in tax law without first seeking Commission approval. Rate Counsel states that it does not oppose a one-year amortization period for unprotected excess ADIT amounts, because this adjustment promotes rate stability in light of other case-specific rate adjustments in PSEG's transmission rates. However, Rate Counsel reiterates that flowing back these amounts is case-specific and that a different amortization period may be appropriate in the future.²¹
- 19. Rate Counsel accordingly requests that the Commission nominally suspend PSEG's proposed changes, establish a refund effective date, and summarily rule that PSEG must seek Commission approval under FPA section 205 before recovering any future regulatory asset or liability, including flowing back any ADIT-related regulatory asset or liability created by a future change in tax law. Alternatively, Rate Counsel requests that the Commission set this matter for hearing and settlement procedures. ²²

B. Answer

20. PSEG argues a single change to its Formula Rate is sufficient under Commission precedent to address the return of excess or the collection of deficient ADIT. PSEG notes that in Ameren the Commission specifically rejected the argument that formula rate revisions should apply to existing ADIT only. PSEG further argues that its proposal is just and reasonable because its Formula Rate identifies the nature of the specific excess deferred taxes, and customers retain their rights to review inputs. PSEG next maintains that its proposal to address excess/deficient ADIT is consistent with the ADIT NOPR.

²⁰ Id. at 8–9.

²¹ *Id.* at 10–11.

²² *Id.* at 11.

²³ PSEG Answer at 4 (citing Ameren, 163 FERC ¶ 61,163 at P 55).

²⁴ *Id.* at 5.

will require a new FPA section 205 filing to address excess/deficient ADIT once utilities include a mechanism in their formula rates to address this issue.²⁵

- 21. PSEG also argues that Rate Counsel's use of Commission precedent in its protest is unpersuasive. PSEG points out that *Piedmont* was issued before the Commission considered a FPA section 205 filing involving ADIT in Ameren, and that the ADIT NOPR suggests PSEG's single FPA section 205 filing is sufficient. PSEG further maintains that *Piedmont* is factually distinguishable because the Commission focused its discussion there on Account 407 (Amortization of Property Losses, Unrecovered Plant and Regulatory Study Costs) and specifically Account 407.3. By contrast, PSEG explains that it seeks recovery of amounts in Account 254 or 182.3 that are to be recorded in Accounts 410.1 (Provision for Deferred Income Taxes, Utility Operating Income) and 411.1 (Provision for Deferred Income Taxes—Credit, Utility Operating Income), consistent with a recent Commission policy statement (the ADIT Policy Statement).²⁶
- 22. PSEG next points out that, because the ADIT NOPR is not a final rule, Rate Counsel's argument regarding the permanent worksheet discussed in the NOPR is premature. PSEG maintains that if a final rule makes the permanent worksheet a requirement, then PSEG will submit a compliance filing. In any case, PSEG states, it provided detailed information in the exhibits in its filing; moreover, this is the sort of information PSEG would include in the suggested worksheet. PSEG also clarifies that its proposal consists of a tariff change, not calculations. PSEG maintains that Rate Counsel will have full opportunity to review PSEG's calculations after approval of the requested revisions.²⁷
- 23. Finally, PSEG states a commitment to submit a compliance filing to make its proposal consistent with the ADIT Policy Statement. In the compliance filing, PSEG explains, it will change references to Accounts 407.3 and 407.4 to Accounts 410.1 and 411.1.²⁸

²⁵ *Id.* at 5–6.

 $^{^{26}}$ Id. at 6–8; see Accounting and Ratemaking Treatment of Accumulated Deferred Income Taxes and Treatment Following the Sale or Retirement of an Asset, 165 FERC \P 61,115 (2018).

²⁷ PSEG Answer at 8–9.

²⁸ *Id.* at 9–10.

IV. Discussion

A. Procedural Matters

- 24. Pursuant to Rule 214 of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.214 (2018), the timely, unopposed motions to intervene serve to make the entities that filed them parties to this proceeding.
- 25. Rule 213(a)(2) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.213(a)(2) (2018), prohibits an answer to a protest unless otherwise ordered by the decisional authority. We accept PSEG's answer because it has provided information that assisted us in our decision-making process.

B. Substantive Matters

- 26. We find the proposed revisions to PSEG's Formula Rate to be just and reasonable, and accept the revisions, subject to the correction of account numbers, the addition of a clarifying footnote, and submission of a compliance filing, effective January 1, 2019.²⁹ The proposed revisions, including the revision to effectuate the return of net excess protected and unprotected ADIT resulting from the TCJA, provide for a more accurate annual revenue requirement for PSEG. We further find that PSEG's proposal to flow back unprotected net excess deferred taxes related to the 2017 tax changes over one year, as well as its proposal to flow back protected net excess deferred taxes related to the 2017 tax changes using ARAM, to be just and reasonable.³⁰
- 27. PSEG initially proposed to amortize the deficient deferred taxes to Account 407.3 and amortize the excess deferred taxes to Account 407.4. PSEG, however, recognized that it erred in choosing these accounts and commits to submit a compliance filing to correct the references to Accounts 407.3 and 407.4 in its proposal to Accounts 410.1 and

The United States Court of Appeals for the District of Columbia Circuit has held that, in certain circumstances, the Commission has "authority to propose modifications to a utility's [FPA section 205] proposal *if the utility consents to the modifications.*" *NRG Power Mktg., LLC v. FERC*, 862 F.3d 108, 114–15 (D.C. Cir. 2017).

³⁰ The TCJA requires public utilities to return excess protected ADIT no more rapidly than over the life of the underlying asset using ARAM, or, where a public utility's books and underlying records do not contain the vintage account data necessary, it must use an alternative method. TCJA, Section 13001(b)(6)(A), 131 Stat. at 2099. In contrast, the TCJA does not specify what method public utilities must use for excess or deficient unprotected ADIT.

- 411.1. Accordingly, we accept PSEG's proposed corrections, subject to a compliance filing to be submitted within 30 days of the date of this order.
- Rate Counsel contends that PSEG's proposal to add line items in its Formula Rate 28. to flow back or recover future excess/deficient ADIT amounts violates Commission policy with respect to ratemaking treatment of regulatory assets/liabilities. In this filing, PSEG sought only the return of net excess protected and unprotected ADIT related to the TCJA; in order to effectuate that return PSEG established a mechanism in its Formula Rate to reflect the costs of those regulatory assets and liabilities in rates. We do not find a violation of Commission policy in accepting a mechanism in a formula rate template related to the return/recovery of excess/deficient ADIT.31 However, we agree with Rate Counsel that any future attempts to return/recover excess/deficient ADIT will require PSEG to make a FPA section 205 filing before those regulatory assets and liabilities can be reflected in rates. Accordingly, we will accept PSEG's proposal subject to the condition that, within 30 days of the date of this order, PSEG add a footnote to its Formula Rate clarifying that PSEG must submit a FPA section 205 filing to obtain Commission approval prior to reflecting in rates any regulatory assets and liabilities arising from future tax changes.
- 29. As for Rate Counsel's argument that PSEG has not provided sufficient data to enable review of its calculations regarding the flow-back of ADIT, we find that PSEG's filing, including Exhibits III through VI, provides sufficient detail for us to approve the proposed changes to PSEG's Formula Rate.³² However, we note that, as the Commission has previously explained, PSEG must provide in its annual formula rate informational filings sufficient support and explanation for all inputs so that interested entities can verify that each input is consistent with the requirements of the formula without forcing interested entities to make extensive information requests to understand the implementation of the formula rate and to verify its correctness.³³ In addition, as to Rate Counsel's argument that PSEG's proposal is inconsistent with the ADIT NOPR, we remind Rate Counsel that the ADIT NOPR is only a proposal to require public utilities

 $^{^{31}}$ Ameren, 163 FERC \P 61,163 at P 52; ITC Companies, 153 FERC \P 61,374 at P 1.

³² Exhibit III is a summary of the estimated impact to the 2019 annual transmission revenue requirement relating to flow-back of excess deferred taxes. Exhibit IV is a summary of estimated excess deferred income tax amortizations. Exhibit V reflects protected and unprotected excess deferred income taxes. Exhibit VI reflects excess deferred income taxes amortization using the ARAM PowerTax Report.

³³ Ameren, 163 FERC ¶ 61,163 at P 57.

with transmission formula rates to incorporate a new permanent worksheet to track ADIT information and is not final.³⁴

The Commission orders:

PSEG's proposed Tariff revisions are hereby accepted, effective January 1, 2019, subject to the submission of a compliance filing to add a clarifying footnote and to correct certain account numbers within 30 days of the date of this order, as discussed in the body of this order.

By the Commission. Commissioner McIntyre is not voting on this order. Commissioner McNamee is not participating.

(SEAL)

Nathaniel J. Davis, Sr., Deputy Secretary.

³⁴ Our action in this order does not foreclose on any potential further action to address the effects of the TCJA through a final rule.