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# VIA ELECTRONIC MAIL & OVERNIGHT MAIL

January 12, 2018

In the Matter of the Provision of 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, 2015 -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

Irene Kim Asbury Secretary of the Board New Jersey Board of Public Utilities 44 South Clinton Avenue, 3<sup>rd</sup> Floor, Suite 314 Trenton, New Jersey 08625-0350

Dear Secretary Asbury:

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 initial filing made by the EDCs on December 8, 2017 in the above-captioned docket (the "December 8, 2017 Filing").

The attached updated tariff sheet sheets and supporting exhibits listed below are being submitted in order to incorporate PSE&G's January 9, 2018, filing with the Federal Energy Regulatory Commission ("FERC") revising its informational filing of PSE&G's 2018 Formula Rate Annual Update. This revised informational filing was made by PSE&G to implement the recent reduction in the federal corporate income tax rate pursuant to the Tax Cuts and Jobs Act of 2017 ("TCJA"), *Public Law No. 115-97*. More specifically, in this informational filing, PSE&G updated the Federal Income Tax Rate value from 35% to 21%. The revised informational filing, which is to be effective January 1, 2018, does not require FERC approval.

Submitted herewith are the following attachments:

- Attachment 1 (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 3b (JCPL Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 4a (ACE Pro-forma Tariff Sheets)
- Attachment 4b (ACE Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 5a (RECO Pro-forma Tariff Sheets)
- Attachment 5b (RECO Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 6a (PSE&G Project Charges)
- Attachment 11 (PSE&G FERC filing formula rates)

The EDCs reiterate the requests for approval set forth in the December 8, 2017 Filing as if incorporated herein. We note that in our December 8, 2017 filing letter, we asked the BPU to approve the EDCs' request to compensate suppliers. In that request we advertently neglected to include "AEP" as a supplier to be compensated. More specifically, the first sentence in the paragraph on Page 2 of the December 8<sup>th</sup> letter, starting with "The EDCs", should have include AEP.

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, 2018.

We thank the Board for all courtesies extended.

Respectfully submitted,

Hope D. MyDef.

Attachments

C Service List (email only)

# PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE BPU Docket No. ER17121278

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# PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE BPU Docket No. ER17121278

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# PUBLIC SERVICE ELECTRIC AND GAS COMPANY BGS TRANSMISSION ENHANCEMENT CHARGE BPU Docket No. ER17121278

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# Attachment 1

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

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

Line #	Description	Rate	<b>;</b>		Source
					Page 4 of Attachment 11
(1)	Transmission Service Annual Revenue Requirement	\$	1,248,819,352.00		-Line 164
(2)	Total Schedule 12 TEC Included in above	\$	(480,678,136.00)		Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$	199,997,602.94		Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$	968,138,818.94		=(1) +(2) +(3)
					Page 4 of Attachment 11 -
(5)	2018 PSE&G Network Service Peak		9,566.9 N	ЛVV	-Line 165
(6)	2018 Derived Network Integration Transmission Service Rate	\$	101,196.71 p	ber MW-year	
	Resulting 2018 BGS Firm Transmission Service Supplier Rate	\$	277.25 p	per MW-day	= (6)/365

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2018 through December 31, 2018

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. 15 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 kilowatthour:

	mo	in each of the nths of	For usage in each of the months of June through September			
Data	October	through May	June throu			
Rate		Charges		Charges		
<u>Schedule</u>	<u>Charges</u>	Including SUT	<u>Charges</u>	Including SUT		
RS – first 600 kWh	\$0.113924	\$0.121471	\$0.113978	\$0.121529		
RS – in excess of 600 kWh	0.113924	0.121471	0.123096	0.131251		
RHS – first 600 kWh	0.092558	0.098690	0.087662	0.093470		
RHS – in excess of 600 kWh	0.092558	0.098690	0.099854	0.106469		
RLM On-Peak	0.194795	0.207700	0.206233	0.219896		
RLM Off-Peak	0.053779	0.057342	0.050015	0.053328		
WH	0.054424	0.058030	0.051835	0.055269		
WHS	0.054891	0.058528	0.051426	0.054833		
HS	0.092157	0.098262	0.093036	0.099200		
BPL	0.051712	0.055138	0.046936	0.050046		
BPL-POF	0.051712	0.055138	0.046936	0.050046		
PSAL	0.051712	0.055138	0.046936	0.050046		

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:

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.

Revised Attachment 2a Page 2 of 3

## PUBLIC SERVICE ELECTRIC AND GAS COMPANY

#### B.P.U.N.J. No. 15 ELECTRIC

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

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

#### (Continued)

#### **BGS CAPACITY CHARGES:**

Applicable to Rate Schedules GLP and LPL-Sec.

#### Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September	\$ 5.7899
Charge including New Jersey Sales and Use Tax (SUT)	\$ 6.1735

Charge applicable in the months of October through May.....\$ 5.7899 Charge including New Jersey Sales and Use Tax (SUT) ......\$ 6.1735

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	.\$ 101,196.71 per MW per year
PJM Reallocation	\$ 0.00 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	\$102.26 per MW per month
Virginia Electric and Power Company	\$ 88.04 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	(\$10.28) per MW per month
PPL Electric Utilities Corporation	\$ 52.22 per MW per month
American Electric Power Service Corporation	
Atlantic City Electric Company.	
Delmarva Power and Light Company	
Potomac Electric Power Company.	\$ 3.24 per MW per month
Baltimore Gas and Electric Company	\$ 6.91 per MW per month

Above rates converted to a charge per kW of Transmission	
Obligation, applicable in all months	\$ 8.7207
Charge including New Jersey Sales and Use Tax (SUT)	\$ 9.2984

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:

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. Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 15 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:

charges per knowatt 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\$ 101,196.71 per MW per year	r
PJM Reallocation	
PJM Seams Elimination Cost Assignment Charges \$ 0.00 per MW per month	n I
PJM Reliability Must Run Charge \$ 2.82 per MW per month	٦
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company \$102.26 per MW per month	ſ
Virginia Electric and Power Company \$ 88.04 per MW per month	٦
Potomac-Appalachian Transmission Highline L.L.C(\$10.28) per MW per month	٦
PPL Electric Utilities Corporation	
American Electric Power Service Corporation \$ 31.06 per MW per month	
Atlantic City Electric Company \$ 11.09 per MW per month	า
Delmarva Power and Light Company \$ 0.33 per MW per month	
Potomac Electric Power Company	
Baltimore Gas and Electric Company	I

Above rates converted to a charge per kW of Transmission	
Obligation, applicable in all months	\$ 8.7207
Charge including New Jersey Sales and Use Tax (SUT)	

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:

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. Effective:

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

# Network Integration Service Calculation - BGS-RSCP NITS Charges for January 2018 - December 2018

	PSE&G Annual Transmission Service Revenue Requirement Total Schedule 12 TEC Included in above PSE&G Customer Share of Schedule 12 NITS NITS Charges for Jan 2018 - Dec 2018 PSE&G Zonal Transmission Load for Effective Yr. (MW) Term (Months) OATT rate		Ef 1,248,819,352.00 (480,678,136.00) 199,997,602.94 968,138,818.94 9,566.90 12 8,433.06 //V		1 <u>8 - 12/31/18</u>	all v	values show	w/o NJ SUT		
	converted to \$/MW/yr =	= \$ \$	101,196.71 /N 82,474.75 /N		Jan 18 - Dec 18 NIT 2015 - 2017 Weighte			\$ 72,688.29 \$	82,516.44 \$	92,569.05
		\$	92,201.16 /N	W/yr	2016- 2018 Weighte	d Average of:		\$ 82,516.44 \$	92,569.05 \$	101,196.71
	Resulting Increase in Transmission Rate	\$ \$	88,148.49 /M 13,048.22 /M		Jan 18 - Dec 18 Wei	ghted Average	9			
	Resulting Increase in Transmission Rate	e \$	1,087.35 /N	W/month						
			RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
	Trans Obl - MW Total Annual Energy - MWh		3,892.6 12,201,595.6	25.5 133,055.9		0.0 1,283.0	0.0 27.0		0.0 158,968.0	0.0 296,268.0
	Change in energy charge in \$/MWh in \$/kWh - rounded to 6 places	\$ <b>\$</b>	4.1627 \$ <b>0.004163 \$</b>			- \$ - \$	•	\$ 2.4042 \$ <b>\$ 0.002404 \$</b>	- \$ - \$	
Line #										
1	Total BGS-RSCP Trans Obl Total BGS-RSCP energy @ cust		6,658.8 M 23.949.599 M							s Obl adjusted for migration @ cust adjusted for migration
2	Total BGS-RSCP energy @ trans nodes		25,728,145 M		unrounded			= (2) * loss expans		
4	Change in OATT rate * total Trans Obl	\$	86,885,503		unrounded				rate * Total BG	S-RSCP eligible Trans Obl adjusted for migration
5 6	Change in Average Supplier Payment Rate Change in Average Supplier Payment Rate	\$ \$	3.3771 /M 3.38 /M		unrounded rounded to 2 decimal	places		= (4) / (3) = (5) rounded to 2	decimal places	
7	Proposed Total Supplier Payment Difference due to rounding	\$ \$	86,961,128 75,626		unrounded unrounded			= (6) * (3) = (7) - (4)		
0	Enterence due to realizing	Ŷ	10,020		4			$= \langle \cdot \rangle \langle \cdot \rangle$		

Attachment 3 – JCP&L Tariffs and Rate Translation

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

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

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

Revised Attachment 3a Page 1 of 2

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

XX<sup>th</sup> Rev. Sheet No. 36 Superseding XX<sup>th</sup> 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 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 September 1, 2017, 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 **\$0.000461** per KWH PEPCO-TEC surcharge of **\$0.000015** per KWH ACE-TEC surcharge of **\$0.000084** per KWH Delmarva-TEC surcharge of **\$0.000001** per KWH PPL-TEC surcharge of **\$0.000211** per KWH BG&E-TEC surcharge of **\$0.000031** per KWH

Effective January 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:

AEP-East-TEC surcharge of **\$0.000115** per KWH PATH-TEC surcharge of **(\$0.000039)** per KWH VEPCO-TEC surcharge of **\$0.000341** per KWH PSEG-TEC surcharge of **\$0.001513** per KWH

**3) BGS Reconciliation Charge per KWH: (\$0.000207)** (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.

Issued:

Effective: January 1, 2018

Filed pursuant to Order of Board of Public Utilities Docket No. dated BPU No. 12 ELECTRIC - PART III

XX<sup>th</sup> Rev. Sheet No. 38 Superseding XX<sup>th</sup> 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 September 1, 2017, 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 \$0.000461 \$0.000283 \$0.000251 \$0.000059	<u>PEPCO-TEC</u> \$0.000015 \$0.000009 \$0.000007 \$0.000002	<u>ACE-TEC</u> \$0.000084 \$0.000052 \$0.000046 \$0.000011
GS and GST GP GT GT – High Tension Service	<u>Delmarva-TEC</u> \$0.000001 \$0.000001 \$0.000001 \$0.000000	<u>PPL-TEC</u> \$0.000211 \$0.000129 \$0.000114 \$0.000027	BG&E-TEC \$0.000031 \$0.000019 \$0.000017 \$0.000004

Effective January 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:

	AEP-East-TEC	PATH-TEC	VEPCO-TEC	PSEG-TEC
GS and GST	\$0.000115	(\$0.000039)	\$0.000341	\$0.001513
GP	\$0.000078	(\$0.000027)	\$0.000231	<b>\$0.001024</b>
GT	\$0.000073	(\$0.000025)	\$0.000213	<b>\$0.000944</b>
GT – High Tension Service	\$0.000018	(\$0.000006)	\$0.000052	<b>\$0.000230</b>

4) BGS Reconciliation Charge per KWH: \$0.002032 (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.

Issued:

Effective: January 1, 2018

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

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

#### **Revised Attachment 3b**

#### Jersey Central Power & Light Company

Proposed PSEG Project Transmission Enhancement Charge (PSEG-TEC Surcharge) effective January 1, 2018 To reflect FERC-approved PSEG Project Transmission Enhancement Charge (Schedule 12 PJM OATT) for January - December 2018

2018 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone	\$ 2,272,269.98	(1)
2018 JCP&L Zone Transmission Peak Load (MW)	5,721.0	
PSEG-Transmission Enhancement Rate (\$/MW-month)	\$ 397.18	

				Effective Jar	nuary 1, 2018:
	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)	4934.8	23,520,079	16,572,627,418	\$ 0.001419	\$ 0.001513
Primary	348.5	1,661,009	1,730,276,418	\$ 0.000960	\$ 0.001024
Transmission @ 34.5 kV	293.5	1,398,870	1,581,370,077	\$ 0.000885	\$ 0.000944
Transmission @ 230 kV	15.5	73,876	341,655,635	\$ 0.000216	\$ 0.000230
Total	5592.3	26,653,834	20,225,929,548		

(1) Cost Allocation of PSEG Project Schedule 12 Charges to JCP&L Zone for 2018
(2) Based on 12 months PSEG Project costs from January through December 2018
(3) January 2018 through December 2018

#### BGS-RSCP Supplier Payment Adjustment

#### Line No.

1	BGS-RSCP Eligible Sales January through December @ Customer	15,159,224	MWH
2	BGS-RSCP Eligible Sales January through December @ Transmission Node	16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation	4,688	MW
4	PSEG-Transmission Enhancement Costs to RSCP Suppliers	\$ 22,345,219	= Line 3 x \$397.18 x 12
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$ 1.33	= 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

ATLANTIC CITY ELECTRIC COMPANY BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 60b

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

## **CIEP Standby Fee**

## \$0.000160 per kWh

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

## **Transmission Enhancement Charge**

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

	Rate Class							
	RS	<u>MGS</u> Secondary	<u>MGS</u> Primary	<u>AGS</u> Secondary	<u>AGS</u> Primary	TGS	<u>SPL/</u> <u>CSL</u>	DDC
VEPCo	0.000437	0.000361	0.000293	0.000242	0.000194	0.000187	-	0.000147
TrAILCo	0.000587	0.000491	0.000530	0.000324	0.000260	0.000249	-	0.000206
PSE&G	0.000582	0.000482	0.000391	0.000323	0.000259	0.000251	-	0.000197
PATH	(0.000050)	(0.000042)	(0.000034)	(0.000028)	(0.000022)	(0.000021)	-	(0.000017)
PPL	0.000237	0.000199	0.000214	0.000131	0.000105	0.000102	-	0.000083
Рерсо	0.000021	0.000018	0.000019	0.000012	0.000010	0.000010	-	0.000007
JCP&L	0.000003	0.000003	0.000003	0.000002	0.000002	0.000001	-	0.000001
Delmarva	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	-	0.000001
BG&E	0.000073	0.000061	0.000066	0.000041	0.000032	0.000031	-	0.000026
AEP - East	0.000131	0.000108	0.000087	0.000073	0.000058	0.000055	-	0.000044
Total	0.002022	0.001681	0.001570	0.001121	0.000899	0.000866		0.000695

**Effective Date:** 

# 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 Jan 1, 2018 To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective Jan 1, 2018

Transmission Enhancement Costs Allocated to ACE Zone (2018)	\$ 311,744
	\$ 311,744
2018 ACE Zone Transmission Peak Load (MW)	2,541
Transmission Enhancement Rate (\$/MW)	\$ 122.70

	Col. 1 Transmission	Col. 2	Col. 3	Col	. 4 = Col. 2/Col. 3 Transmission		= Col. 4 x 1/(1005) ission Enhancement	Col.	6 = Col. 5 x 1.06625 Transmission
	Obligation	Allocated Cost	BGS Eligible Sales Jun		Enhancement	Charge v	w/ BPU Assessment	Enha	ancement Charge w/
Rate Class	(MW)	Recovery	2017 - May 2018 (kWh)		Charge (\$/kWh)	-	(\$/kWh)		SUT (\$/kWh)
RS	1,545	\$ 2,275,400	4,171,964,933	\$	0.000545	\$	0.000546	\$	0.000582
MGS Secondary	353	\$ 519,884	1,152,950,462	\$	0.000451	\$	0.000452	\$	0.000482
MGS Primary	6	\$ 8,952	24,456,016	\$	0.000366	\$	0.000367	\$	0.000391
AGS Secondary	394	\$ 579,373	1,917,585,029	\$	0.000302	\$	0.000303	\$	0.000323
AGS Primary	94	\$ 138,649	571,955,641	\$	0.000242	\$	0.000243	\$	0.000259
TGS	146	\$ 215,084	920,786,585	\$	0.000234	\$	0.000235	\$	0.000251
SPL/CSL	0	\$ -	73,240,385	\$	-	\$	-	\$	-
DDC	2	\$ 2,329	12,621,752	\$	0.000185	\$	0.000185	\$	0.000197
	2,540	\$ 3,739,671	8,845,560,805						

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

Revised Attachment 5a Page 1 of 6

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 kWh	1.583 ¢ per kWh

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

All kWh ...... @ 0.853 ¢ per kWh 0.853 ¢ per kWh

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

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

\* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

ISSUED BY: Robert Sanchez, President Mahwah, New Jersey 07430

DRAFT

Revised Leaf No. 90 Superseding Leaf No. 90

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

## **RATE – MONTHLY (Continued)**

- Transmission Charges (Continued) (3)
  - (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 and Transmission Enhancement Charges.

	Summer Months*	Other Months
<u>Secondary Voltage Service Only</u> All kWh@		<mark>0.531</mark> ¢per kWh
Primary Voltage Service Only All kWh@	<mark>0.474</mark> ¢per kWh	<mark>0.474</mark> ¢per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Surcharges

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

\* Definition of Summer Billing Months - June through September

(Continued)

**ISSUED**:

DRAFT

Revised Attachment 5a Page 3 of 6

Revised Leaf No. 96 Superseding Leaf No. 96

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

## **RATE – MONTHLY (Continued)**

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

	Summer Months*	Other Months	
<u>Peak</u> All kWh measured betwe a.m. and 10:00 p.m., Mor			
through Friday@	1.583 ¢ per kWh	1.583 ¢ per kWh	
<u>Off-Peak</u> All other kWh@	1.583 ¢ per kWh	1.583 ¢ per kWh	
Transmission Surcharge	- This charge is applicable	to all customers taking I	3

(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 and Transmission Enhancement Charges.

All kWh@	<mark>0.519</mark> ¢ per kWh	<mark>0.519</mark> ¢ per kWh
----------	------------------------------	------------------------------

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

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

\* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

DRAFT

Revised Attachment 5a Page 4 of 6

Revised Leaf No. 109 Superseding Leaf No. 109

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

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

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

All kWh @	1.583 ¢ per kWh	1.583 ¢ per kWh

Summer Months\*

(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 and Transmission Enhancement Charges.

All kWh ..... @

0.569 ¢ per kWh

<mark>0.569</mark>¢ per kWh

Other Months

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

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

\* Definition of Summer Billing Months - June through September

(Continued)

ISSUED:

#### ROCKLAND ELECTRIC COMPANY B.P.U. NO. 3 – ELECTRICITY

Revised Attachment 5a Page 5 of 6

DRAFT

Revised Leaf No. 124 Superseding Leaf No. 124

High Voltage

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

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

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

Primary	<b>Distribution</b>							
Demand Charge								
Period I All kW @ \$2.55 per kW \$	62.55 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								
Period I All kWh @ 0.421 ¢ per kWh 0.42	21 ¢ per kWh							
Period II All kWh @ 0.421 ¢ per kWh 0.42	21 ¢ per kWh							
Period III All kWh @ 0.421 ¢ per kWh 0.42	21 ¢ per kWh							
Period IV All kWh @ 0.421 ¢ per kWh 0.42	21 ¢ 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 and Transmission Enhancement Charges.

		<u>Primary</u>	High Voltage Distribution
All Periods	All kWh @	<mark>0.344</mark> ¢ per kWh	<mark>0.344</mark> ¢ per kWh

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

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

(Continued)

ISSUED:

#### ROCKLAND ELECTRIC COMPANY B.P.U. NO. 3 - ELECTRICITY

Revised Attachment 5a Page 6 of 6

DRAFT

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 3.281 ¢ per kWh during the billing months of October through May and 5.304 ¢ per kWh during the summer billing months, a Transmission Charge of 0.421 ¢ per kWh and a Transmission Surcharge of 0.344 ¢ per kWh during all billing months. The applicability of Transmission Charges and the Transmission Surcharge is described in Part (3) of RATE – MONTHLY.

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

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

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

#### (B) Budget Billing Plan

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

(Continued)

ISSUED:

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

6.625%

#### **Rockland Electric Company**

Calculation of Transmission Surcharges reflecting proposed changes effective January 1, 2018 **RMR** Costs

To reflect:

FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT)

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
- FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates

FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates

FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT)

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

FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT)

FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT) filed on October 24, 2017

#### (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)	0.00004	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00012	0.00008	0.00007	0.00008	0.00000	0.00008	0.00000	0.00005
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	(0.00004)	(0.00003)	(0.00002)	(0.00003)	0.00000	(0.00003)	0.00000	(0.00002)
PEPCO - TEC	(7)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00021	0.00013	0.00010	0.00013	0.00000	0.00014	0.00000	0.00008
PSE&G - TEC	(9)	0.00685	0.00426	0.00385	0.00415	0.00000	0.00457	0.00000	0.00278
TrAILCo - TEC	(10)	0.00041	0.00025	0.00020	0.00026	0.00000	0.00027	0.00000	0.00016
VEPCo - TEC	(11)	0.00035	0.00022	0.00020	0.00021	0.00000	0.00023	0.00000	0.00014
MAIT -TEC	(12)	0.00002	0.00001	0.00001	0.00002	0.00000	0.00001	0.00000	0.00001
Total (\$/kWh and excl SUT)		\$0.00801	\$0.00498	\$0.00445	\$0.00487	\$0.00001	\$0.00533	\$0.00001	\$0.00323
Total (¢/kWh and excl SUT)		0.801¢	0.498 ¢	0.445 ¢	0.487 ¢	0.001¢	0.533 ¢	0.001 ¢	0.323 ¢

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

Transmission SC2 Sec SC6 Project Note SC1 SC2 Pri SC3 SC4 SC5 SC7 \$0.00001 Reliability Must Run \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 \$0.00001 (1)0.00002 0.00002 0.00002 0.00000 0.00001 ACE - TEC (2) 0.00004 0.00002 0.00000 AEP-East - TEC 0.00013 0.00009 0.00007 0.00009 0.00000 0.00009 0.00000 0.00005 (3) BG&E- TEC (4) 0.00003 0.00002 0.00001 0.00002 0.00000 0.00002 0.00000 0.00001 Delmarva - TEC (5) 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 PATH - TEC (6) (0.00004)(0.00003)(0.00002)(0.00003)0.00000 (0.00003)0.00000 (0.00002)PEPCO - TEC (7)0.00001 0.00001 0.00000 0.00000 0.00000 0.00001 0.00000 0.00000 PPL - TEC (8) 0.00022 0.00014 0.00011 0.00014 0.00000 0.00015 0.00000 0.00009 PSE&G - TEC (9) 0.00730 0.00454 0.00411 0.00442 0.00000 0.00487 0.00000 0.00296 TrAILCo - TEC (10)0.00044 0.00027 0.00021 0.00028 0.00000 0.00029 0.00000 0.00017 VEPCo - TEC (11)0.00037 0.00023 0.00021 0.00022 0.00000 0.00025 0.00000 0.00015 MAIT -TEC (12)0.00002 0.00001 0.00001 0.00002 0.00000 0.00001 0.00000 0.00001 \$0.00001 Total (\$/kWh and incl SUT) \$0.00853 \$0.00531 \$0.00474 \$0.00519 \$0.00569 \$0.00001 \$0.00344 Total (¢/kWh and incl SUT) 0.853¢ 0.531¢ 0.474 ¢ 0.519¢ 0.001¢ 0.569¢ 0.001 ¢ 0.344 ¢

#### Notes:

- (1) RMR rates based on allocations by transmission zone.
- (2) ACE-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
- (3) AEP-East-TEC rates calculated in Attachment 5 of the joint filing.
- (4) BG&E-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
- (5) Delmarva-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.

(6) PATH-TEC rates calculated in Attachment 5 of the joint filing.

- (7) PEPCO-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
- (8) PPL-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.

(9) PSE&G-TEC rates calculated in Attachment 5 of the joint filing.

(10) TrAILCo-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.

(11) VEPCo-TEC rates calculated in Attachment 5 of the joint filing.

(12) MAIT-TEC rates calculated in Attachment 5 of the joint filing made on October 24, 2017.

Revised Attachment 5b Page 1 of 2

Col. 6 = Col. 5 x 1.07

#### **Rockland Electric Company**

Col. 1

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2018 To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2018 to December 2018

Col. 2 Col.3=Col.2 x \$662,620 x 12

2018 Average Monthly PSE&G-TEC Costs Allocated to RECO 2018 RECO Zone Transmission Peak Load (MW)	\$ 662,620 (1) 439.8 (2)	
Transmission Enhancement Rate (\$/MW-month)	\$ 1,506.60	
SUT	6.625%	

			. ,				
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales January 2018 - December 2018 (kWh)	Transmission Enhancement Charge (\$/kWh)	Enł	Transmission nancement Charge w/ SUT (\$/kWh)
SC1	262.5	59.69%	\$ 4,746,197	692,439,000	\$ 0.00685	\$	0.00730
SC2 Secondary	124.6	28.32%	\$ 2,251,950	528,990,000	\$ 0.00426	\$	0.00454
SC2 Primary	13.9	3.15%	\$ 250,835	65,159,000	\$ 0.00385	\$	0.00411
SC3	0.1	0.01%	\$ 1,141	275,000	\$ 0.00415	\$	0.00442
SC4	0.0	0.00%	\$ -	6,441,000	\$ -	\$	-
SC5	3.7	0.85%	\$ 67,463	14,763,000	\$ 0.00457	\$	0.00487
SC6	0.0	0.00%	\$ -	5,550,000	\$ -	\$	-
SC7	35.1	7.97%	\$ 633,854	227,701,000	\$ 0.00278	\$	0.00296
Total	439.8 (2)	100.00%	\$ 7,951,440	1,541,318,000			

Col. 4

Col. 5 = Col. 3/Col. 4

(1) Attachment 4 - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for January 2018 through December 2018 (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)	1,263,798	MWH
2	BGS-RSCP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,176,362	MWH
3	BGS-RSCP Eligible Transmission Obligation	405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	\$ 7,317,576.09	= Line 3 x \$1506.6 * 12
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 6.22	= Line 4/Line 2

# Attachment 6 - PJM Schedule 12 (Transmission Enhancement) Charges

Revised Attachment 6a PSE&G Project Charges

# Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018 Calculation of costs and monthly PJM charges for PSE&G Projects

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Respons	sible Customers	- Schedule 12 Apper	ndix	Estir	nated New Jers	sey EDC Zone	Charges by Pro	oject
Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Ar	an - Dec 2018 nnual Revenue Requirement er PJM website	ACE Zone Share per l	JCP&L Zone Share PJM Open Acces	PSE&G Zone Share1,2 s Transmission Tariff	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Replace all derated Branchburg 500/230 kava transformers	b0130	\$	1,877,462.00	1.36%	47.76%	50.88%	0.00%	\$25,533	\$896,676	\$955,253	\$0	\$1,877,462
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS Build new Essex - Aldene 230 kV	b0134	\$	763,586.00	0.00%	51.11%	45.96%	2.93%	\$0	\$390,269	\$350,944	\$22,373	\$763,586
cable connected through phase angle regulator at Essex	b0145	\$	8,165,842.00	0.00%	73.45%	21.78%	4.77%	\$0	\$5,997,811	\$1,778,520	\$389,511	\$8,165,842
Install 230-138kV transformer at Metuchen substation	b0161	\$	2,535,989.00	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$2,530,917	\$5,072	\$2,535,989
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$	1,551,830.00	1.72%	25.94%	59.59%	0.00%	\$26,691	\$402,545	\$924,735	\$0	\$1,353,972
Reconductor the Flagtown- Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$	678,523.00	0.00%	42.95%			\$0				
Replace wave trap at Branchburg		э \$	*	1.70%		38.36%	0.79%	\$U \$45	\$291,426 \$101	\$260,281 \$166	\$5,360 \$7	\$557,067
500kV substation Replace both 230/138 kV transformers at Roseland	b0172.2 b0274	э \$	2,664.00 2,067,525.00	0.00%	3.78% 0.00%	6.22% 96.77%	0.25% 0.00%	\$45 \$0	\$101	\$100 \$2,000,744	\$7 \$0	\$318 \$2,000,744
Branchburg 400 MVAR Capacitor	b0274 b0290 b0376	Գ Տ Տ	7,661,319.00 294,411.00	1.70% 1.70%	3.78% 3.78%	6.22% 6.22%	0.00% 0.25% 0.25%	\$0 \$130,242 \$5,005	\$0 \$289,598 \$11,129	\$2,000,744 \$476,534 \$18,312	\$0 \$19,153 \$736	\$2,000,744 \$915,528 \$35,182
Install 4th 500/230 kV transformer at New Freedom	b0370	\$ \$	2,074,869.00	47.01%	7.04%	22.31%	0.23%	\$975,396	\$146.071	\$462,903	\$730	\$33,182 \$1,584,370
Saddle Brook - Athenia Upgrade Cable	b0472	\$	1,518,454.00	0.00%	0.00%	94.41%	3.53%	\$0 \$0	\$0	\$1,433,572	\$53,601	\$1,487,174
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$	83,726,646.00	1.70%	3.78%	6.22%	0.25%	\$1,423,353	\$3,164,867	\$5,207,797	\$209,317	\$10,005,334
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements												
of the project) (In Service) Susquehanna Roseland Breakers	b0489.4	\$	4,655,898.00	5.09%	32.73%	40.71%	1.52%	\$236,985	\$1,523,875	\$1,895,416	\$70,770	\$3,727,046
(In-Service) Loop the 5021 circuit into New	b0489.515	\$	635,009.00	1.70%	3.78%	6.22%	0.25%	\$10,795	\$24,003	\$39,498	\$1,588	\$75,884
Freedom 500 kV substation Branchburg-Somerville-Flagtown	b0498	\$	2,633,067.00	1.70%	3.78%	6.22%	0.25%	\$44,762	\$99,530	\$163,777	\$6,583	\$314,652
Reconductor Somerville -Bridgewater	b0664-b0665	\$	1,963,330.00	0.00%	36.35%	43.24%	1.61%	\$0	\$713,670	\$848,944	\$31,610	\$1,594,224
Reconductor Reconductor Hudson - South	b0668	\$	676,946.00	0.00%	39.41%	38.76%	1.45%	\$0	\$266,784	\$262,384	\$9,816	\$538,984
Waterfront 230kV circuit New Essex-Kearny 138 kV circuit	b0813	\$	935,200.00	0.00%	9.92%	83.73%	3.12%	\$0	\$92,772	\$783,043	\$29,178	\$904,993
and Kearny 138 kV bus tie Reconductor South Mahwah 345	b0814	\$	4,903,080.00	0.00%	23.49%	67.03%	2.50%	\$0	\$1,151,733	\$3,286,535	\$122,577	\$4,560,845
kV J-3410 Circuit	b1017	\$	2,128,153.00	0.00%	29.01%	64.85%	2.53%	\$0	\$617,377	\$1,380,107	\$53,842	\$2,051,327

# Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018 Calculation of costs and monthly PJM charges for PSE&G Projects

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
				Respons	ible Customers	- Schedule 12 Apper	ndix	Estir	nated New Jer	sey EDC Zone	Charges by Pr	oject
Required		Ja	in - Dec 2018	ACE	JCP&L	PSE&G	RE	ACE	JCP&L	PSE&G	ŘE	Total
Transmission	PJM	Anı	nual Revenue	Zone	Zone	Zone	Zone	Zone	Zone	Zone	Zone	NJ Zones
Enhancement	Upgrade ID		equirement	Share	Share	Share1,2	Share	Charges	Charges	Charges	Charges	Charges
per PJM website	per PJM spreadsheet	per	r PJM website	per H	PJM Open Acces	s Transmission Tariff						
Reconductor South Mahwah 345												
kV K-3411 Circuit	b1018	\$	2,209,709.00	0.00%	29.18%	64.68%	2.53%	\$0	\$644,793	\$1,429,240	\$55,906	\$2,129,939
West Orange Conversion (North												
Central Reliability)	b1154	\$	40,101,459.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$38,569,583	\$1,531,876	\$40,101,459
Branchburg-Middlesex Sw Rack	b1155	\$	6,761,094.00	0.00%	4.61%	91.75%	3.64%	\$0	\$311,686	\$6,203,304	\$246,104	\$6,761,094
Conversion	b1156	\$	38,998,661.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$37,508,912	\$1,489,749	\$38,998,661
Reconf Kearny Loop in P2216	b1589	\$	1,639,441.00	0.00%	0.00%	61.59%	2.46%	\$0	\$0	\$1,009,732	\$40,330	\$1,050,062
230kV Lawrence Switching Station												
Upgrade	b1228	\$	2,299,055.00	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$2,203,184	\$87,594	\$2,290,778
Ridge Rd 69kV Breaker Station	b1255	\$	1,698,080.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$1,633,213	\$64,867	\$1,698,080
Northeast Grid Reliability Project	b1304.1-b1304.4	\$	43,961,786.00	0.23%	1.17%	70.16%	2.78%	\$101,112	\$514,353	\$30,843,589	\$1,222,138	\$32,681,192
Mickleton-Gloucester-Camden	b1398-b1398.7	\$	51,110,727.00	0.00%	12.82%	31.46%	1.25%	\$0	\$6,552,395	\$16,079,435	\$638,884	\$23,270,714
Aldene-Springfield Rd. Conv	b1399	\$	8,012,066.00	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$7,706,005	\$306,061	\$8,012,066
Replace Salem 500 kV breakers	b1410-b1415	\$	1,643,978.00	1.70%	3.78%	6.22%	0.25%	\$27,948	\$62,142	\$102,255	\$4,110	\$196,455
Uprate Eagle Point-Gloucester 230			, ,									. ,
kV Circuit	b1588	\$	1,360,297.00	0.00%	10.31%	54.17%	2.16%	\$0	\$140,247	\$736,873	\$29,382	\$906,502
Upgrade Camden Richmon 230kV	b1590	\$	1,274,565.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
New Cox's Corner-Lumberton	01390	ψ	1,274,303.00	0.0078	0.0078	0.0078	0.00 %	φυ	ψŪ	φυ	ψŪ	ψυ
230kV Circuit	b1787	\$	4,013,704.00	4.96%	44.20%	48.08%	1.92%	\$199,080	\$1,774,057	\$1,929,789	\$77,063	\$3,979,989
Build Mickleton-Gloucester Corridor	51101	Ψ	4,010,704.00	4.0070	44.2070	40.0070	1.5270	φ100,000	ψ1,774,007	ψ1,525,765	φ//,000	ψ0,07 0,000
Ultimate Design	b2139	\$	2,314,572.00	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,414,435	\$56,476	\$1,470,911
Reconfigure Brunswick New 69kV		\$						\$0	\$0			
Convert Bergen Marion 138 kV to	b2146	Ф	10,815,286.00	0.00%	0.00%	96.16%	3.84%	<b>Ф</b> О	<b>4</b> 0	\$10,399,979	\$415,307	\$10,815,286
double circuit 345kV and Sub	b2436.10	\$	22,235,210.00	0.85%	1.89%	6.94%	0.28%	\$188,999	\$420,245	\$1,543,124	\$62,259	\$2,214,627
Convert the Marion - Bayonne "L"	52430.10	ψ	22,233,210.00	0.0376	1.0970	0.9476	0.20%	\$100,999	φ <del>4</del> 20,243	φ1, <b>3</b> 43,124	φ02,20 <del>9</del>	φ2,214,027
138 kV circuit to 345 kV and any												
associated substation upgrades	b2436.21	\$	7,446,697.00	0.85%	1.89%	3.11%	0.13%	\$63,297	\$140,743	\$231,592	\$9,681	\$445,312
Convert the Marion - Bayonne "C"	52100121	Ψ	1,110,001.00	0.0070	1.0070	0.1170	0.1070	φ00,201	φ110,110	\$201,002	<i>\\</i> 0,001	ψ110,012
138 kV circuit to 345 kV and any												
associated substation upgrades	b2436.22	\$	5,638,544.00	0.85%	1.89%	3.11%	0.13%	\$47,928	\$106,568	\$175,359	\$7,330	\$337,185
Construct New Bayway-Bayonne	52100122	Ψ	0,000,011.00	0.0070	1.0070	0.1170	0.1070	ψ11,020	φ100,000	ψ170,000	ψ1,000	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
345kV Circuit	b2436.33	\$	19,138,377.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct New North Ave-Bayonne		Ť	,							<b>*</b> *		
345kV Circuit	b2436.34	\$	13,179,230.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct North Ave-Airport 345kV			, ,									
Circuit and Substation Upgrades	b2436.50	\$	6,293,352.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Relocate the underground portion		Ť	-,					+-			+-	
of North Ave - Linden "T" 138 kV												
circuit to Bayway, convert it to 345												
kV, and any associated substation												
upgrades (CWIP)	b2436.60	\$	5,234,688.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Construct a new Airport - Bayway												
345 kV circuit and any associated												
substation upgrades (CWIP)	b2436.70	\$	10,406,460.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Linden - North Ave "T" 138 kV												
circuit to Bayway, convert it to 345												
kV, and any associated substation	b2436.81	\$	5,539,839.00	0.85%	1.89%	47.56%	1.88%	\$47,089	\$104,703	\$2,634,747	\$104,149	\$2,890,688
Convert the Bayway - Linden "Z"		Ľ	.,,					,	,		,	. ,
138 kV circuit to 345 kV and any												
associated substation upgrades	b2436.83	\$	5,539,530.00	0.85%	1.89%	47.56%	1.88%	\$47,086	\$104,697	\$2,634,600	\$104,143	\$2,890,527
	•	• *	, ,					. ,			, -	

# Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018 Calculation of costs and monthly PJM charges for PSE&G Projects

			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Responsible Customers - Schedule 12 Append				ndix	Esti	nated New Jer	rsey EDC Zone	Charges by Pr	oject
Required Transmission	PJM		Jan - Dec 2018 nnual Revenue	ACE Zone	JCP&L Zone	PSE&G Zone	RE Zone	ACE Zone	JCP&L Zone	PSE&G Zone	RE Zone	Total NJ Zones
Enhancement per PJM website	Upgrade ID per PJM spreadsheet		Requirement ber PJM website	Share per	Share PJM Open Acces	Share1,2 ss Transmission Tariff	Share	Charges	Charges	Charges	Charges	Charges
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$	5,488,331.00	0.85%	1.89%	3.11%	0.13%	\$46,651	\$103,729	\$170,687	\$7,135	\$328,202
Convert Bayway-Linden "M" to		Ť						. ,	. ,	. ,		
138kV circuit to 345kV Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion	b2436.85	\$	5,488,331.00	0.85%	1.89%	3.11%	0.13%	\$46,651	\$103,729	\$170,687	\$7,135	\$328,202
345 kV and any associated substation upgrades	b2436.90	\$	4,076,416.00	0.85%	1.89%	48.41%	1.91%	\$34.650	\$77.044	\$1,973,393	\$77,860	\$2,162,946
New Bergen 345/230 kV transformer and any associated		Ť	.,,					•••,•••	<b>4</b> , <b>2</b>	÷,,,,,,,,,,,,,,	••••	·-,·-,···
substation upgrades	b2437.10	\$	3,191,830.00	0.00%	0.00%	5.38%	0.22%	\$0	\$0	\$171,720	\$7,022	\$178,742
New Bergen 345/138 kV transformer #1 and any associated												
substation upgrades New Bayway 345/138 kV	b2437.11	\$	3,201,998.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
transformer #1 and any associated substation upgrades	b2437.20	\$	1,818,772.00	0.00%	0.00%	92.71%	3.66%	\$0	\$0	\$1,686,184	\$66,567	\$1,752,751
New Bayway 345/138 kV transformer #2 and any associated												
substation upgrades New Linden 345/230 kV	b2437.21	\$	1,820,116.00	0.00%	0.00%	93.23%	3.68%	\$0	\$0	\$1,696,894	\$66,980	\$1,763,874
transformer and any associated substation upgrades	b2437.30	\$	3,907,406.00	0.00%	0.00%	85.78%	3.39%	\$0	\$0	\$3.351.773	\$132,461	\$3,484,234
Install two 175 MVAR Re at Hptcg	b2702	\$	1,368,726.00	0.85%	1.89%	53.11%	0.13%	\$11,634	\$25,869	\$726,930	\$1,779	\$766,213
Totals		\$	480,678,136.00					\$3,740,932	\$27,267,240	\$199,997,603	\$7,951,439	\$238,957,214

Notes on calculations >>>

(n)

(o)

= (a) \* (b) = (a) \* (c) = (a) \* (d) = (a) \* (e) = (f) + (g) +

Zonal Cost Allocation for New Jersey Zones	Ir	verage Monthly npact on Zone stomers in 2018	2018 Trans. Peak Load <sup>2</sup>	\$/	Rate in ⁄MW-mo. <sup>1</sup>	2018 Impact (12 months)
PSE&G	\$	16,666,466.91	9,566.9	\$	1,742.10	\$ 199,997,603
JCP&L	\$	2,272,269.98	5,721.0	\$	397.18	\$ 27,267,240
ACE	\$	311,744.36	2,540.8	\$	122.70	\$ 3,740,932
RE	\$	662,619.91	401.7	\$	1,649.54	\$ 7,951,439
Total Impact on NJ						
Zones	\$	19,913,101.16	18,230.4			\$ 238,957,214
					= (k) / (l)	= (k) *12

(I)

(m)

(k)

Notes on calculations >>>

### Notes:

1) Uncompressed rate - assumes implementation on January 1, 2018

2) Data on PJM website

Attachment 11 Updated PSE&G Formula Rate for January 1, 2018 to December 31, 2018 Law Department 80 Park Plaza, T5G, Newark, NJ 07102-4194 tel: 973.430.5333 fax: 973.430.5983 Hesser.McBride@PSEG.com



January 9, 2018

VIA EFILING

Hon. 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 2018 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 2018 Transmission Formula Rate Annual Update. On October 16, 2017, PSE&G filed with the Federal Energy Regulatory Commission in the above-captioned docket a 2018 Formula Rate Annual Update ("Annual Update"). The Annual Update filing was revised by an errata filing made by PSE&G on October 27, 2017.

This revised informational filing is being made to implement the recent reduction in the federal corporate income tax rate pursuant to the Tax Cuts and Jobs Act of 2017 ("TCJA"), *Public Law No. 115-97*. More specifically, in this informational filing PSE&G has updated the Federal Income Tax Rate value posted in Excel Row 206 of Appendix A to the Annual Update from 35% to 21%.

Also, enclosed please find an updated version of Exhibit 1 of the Annual Update, which includes a revised version of PSEG's 2018 Formula Rate Annual Update. Any other aspects of the TCJA that impact the 2018 annual revenue requirement will be incorporated in the true-up filing of the 2018 rate.

The October 27, 2017 Annual Update filing remains unchanged in all other respects. This revised informational filing reduces the 2018 annual revenue requirement forecasted in the Annual Update by \$148,235,120.

The revised formula rate template in Exhibit 1 is also being provided to PJM Interconnection, L.L.C. for posting on its 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.

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

Respectfully submitted,

Hesser G. McBride, Jr.

Hesser G. McBride, Jr.

Attachments

upl	c Service Electric and Gas Company			
TT/	CHMENT H-10A		FERC Form 1 Page # or	12 Months Ended
	ula Rate Appendix A	Notes	Instruction	12/31/2018
	ed cells are input cells			
100	ators			
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense	(Note O)	Attachment 5	31,626,0
2	Total Wages Expense	(Note O)	Attachment 5	207,395,0
3	Less A&G Wages Expense	(Note O)	Attachment 5	9,733,0
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	197,662,0
5	Wages & Salary Allocator		(Line 1 / Line 4)	16.0000
	Plant Allocation Factors			
6	Electric Plant in Service	(Note B)	Attachment 5	20,900,387,6
7	Common Plant in Service - Electric		(Line 22)	180,548,9
8	Total Plant in Service		(Line 6 + 7)	21,080,936,5
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	3,736,217,3
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,181,3
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	29,686,3
2	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	49,202,1
3	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	3,821,287,1
14	Net Plant		(Line 8 - Line 13)	17,259,649,4
15	Transmission Gross Plant		(Line 31)	11,254,947,4
16	Gross Plant Allocator		(Line 15 / Line 8)	53.3892
7	Transmission Net Plant		(Line 43)	10,235,109,3
18	Net Plant Allocator		(Line 17 / Line 14)	59.3008
9	Plant In Service Transmission Plant In Service	(Note B)	Attachment 5	11,162,840,2
20	General	(Note B)	Attachment 5	332,299,6
21	Intangible - Electric	(Note B)	Attachment 5	15,038,4
22	Common Plant - Electric	(Note B)	Attachment 5	180,548,9
23	Total General, Intangible & Common Plant		(Line 20 + Line 21 + Line 22)	527,887,0
24	Less: General Plant Account 397 Communications	(Note B)	Attachment 5	36,924,2
25 26	Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397	(Note B)	Attachment 5 (Line 23 - Line 24 - Line 25)	35,209,9 455,752.8
27	Wage & Salary Allocator		(Line 5)	455,752,8 16.0000
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	72.920.6
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	19,186,5
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	92,107,1
31	Total Plant In Rate Base		(Line 19 + Line 30)	11,254,947,4
	Accumulated Depreciation			
32	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	968,854,8
33	Accumulated General Depreciation	(Note B & J)	Attachment 5	139,970,8
34	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	78,888,4
85	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	30,305,3
86	Balance of Accumulated General Depreciation		(Line 33 + Line 34 - Line 35)	188,553,9
37	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	6,181,3
38	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 36 + 37)	194,735,2
	Wage & Salary Allocator		(Line 5) (Line 38 * Line 39)	16.000
	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission			04 457 7
40	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmis	(Note B & J)	Attachment 5	
40 41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmis	(Note B & J)	Attachment 5	19,825,4
40 41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmis Total Accumulated Depreciation	(Note B & J)	Attachment 5 (Lines 32 + 40 + 41)	31,157,7 19,825,4 <b>1,019,838,0</b>
39 40 41 42 43		(Note B & J)		19,825

ATT				
	ACHMENT H-10A		FERC Form 1 Page # or	12 Months Ended
	nula Rate Appendix A	Notes	Instruction	12/31/2018
Shac <mark>Adju</mark>	led cells are input cells stment To Rate Base			
44	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-2,502,792,69
44			Attachment	-2,302,792,09
45	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	102,222,42
45a	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	18,085,19
	Prepayments			
47	Prepayments	(Note A & Q)	Attachment 5	
48	Materials and Supplies Undistributed Stores Expense	(Note Q)	Attachment 5	
40	Wage & Salary Allocator	(Note Q)	(Line 5)	16.0000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	10.00007
51	Transmission Materials & Supplies	(Note N & Q))	Attachment 5	48,632,00
52	Total Materials & Supplies Allocated to Transmission	, <i>u</i>	(Line 50 + Line 51)	48,632,00
	Cash Working Capital			
53	Operation & Maintenance Expense		(Line 80)	133,933,18
54 55	1/8th Rule Total Cash Working Capital Allocated to Transmission		1/8 (Line 53 * Line 54)	<u>12.59</u> 16,741,64
	Network Credits			
56	Outstanding Network Credits	(Note N & Q))	Attachment 5	
57	Total Adjustment to Rate Base		(Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56)	(2,317,111,428
58	Rate Base		(Line 43 + Line 57)	7,917,997,90
Oper	ations & Maintenance Expense			
	Transmission O&M			
59	Transmission O&M	(Note O)	Attachment 5	107,887,01
60	Plus Transmission Lease Payments	(Note O)	Attachment 5	
61	Transmission O&M		(Lines 59 + 60)	107,887,01
	Allocated Administrative & General Expenses			
62	Total A&G	(Note O)	Attachment 5	172,512,00
63	Plus: Actual PBOP expense	(Note J)	Attachment 5	26,864,00
64	Less: Actual PBOP expense	(Note O)	Attachment 5	37,487,00
65 66	Less Property Insurance Account 924 Less Regulatory Commission Exp Account 928	(Note O) (Note E & O)	Attachment 5 Attachment 5	3,032,000 10,400,000
67	Less General Advertising Exp Account 930.1	(Note O)	Attachment 5	2,125,000
68	Less EPRI Dues	(Note D & O)	Attachment 5	2,120,000
69	Administrative & General Expenses		Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	146,332,00
70	Wage & Salary Allocator		(Line 5)	16.0000%
	Administrative & General Expenses Allocated to Transmission		(Line 69 * Line 70)	23,413,17
71	Directly Assigned A&G			
			Attachment 5	835,00
72	Regulatory Commission Exp Account 928	(Note G & O)		000,00
	Regulatory Commission Exp Account 928 General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related	(Note G & O) (Note K & O)	Attachment 5 (Line 72 + Line 73)	
72 73 74	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related		Attachment 5 (Line 72 + Line 73)	835,00
72 73	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related Property Insurance Account 924	(Note K & O)	Attachment 5 (Line 72 + Line 73) (Line 65)	835,00
72 73 74 75	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related		Attachment 5 (Line 72 + Line 73)	835,00
72 73 74 75 76	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1	(Note K & O)	Attachment 5 (Line 72 + Line 73) (Line 65) Attachment 5	
72 73 74 75 76 77	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related Property Insurance Account 924 General Advertising Exp Account 930.1 Total Accounts 928 and 930.1 - General	(Note K & O)	Attachment 5 (Line 72 + Line 73) (Line 65) Attachment 5 (Line 75 + Line 76)	835,00 3,032,00 3,032,00

ΑΤΤΑ	CHMENT H-10A				
Form	ula Rate Appendix A		Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
	ed cells are input cells		Notes		
	eciation & Amortization Expense				
	Depreciation Expense				
81	Transmission Depreciation Expense Including	Amortization of Limited Term Plant	(Note J & O)	Attachment 5	266,279,92
81a	Amortization of Abandoned Plant Projects	tingtion of Limited Terms Direct	(Note R)	Attachment 5	07 700 00
82 83	General Depreciation Expense Including Amo Less: Amount of General Depreciation Expense		(Note J & O) (Note J & O)	Attachment 5 Attachment 5	27,729,08 7,252,14
84	Balance of General Depreciation Expense	Se Associated with Acct. 397		(Line 82 - Line 83)	20,476,94
85	Intangible Amortization		(Note A & O)	Attachment 5	11,136,69
86	Total		(**************************************	(Line 84 + Line 85)	31,613,63
87	Wage & Salary Allocator			(Line 5)	16.009
88	General Depreciation & Intangible Amortization	n Allocated to Transmission		(Line 86 * Line 87)	5,058,19
89	General Depreciation Expense for Acct. 397 D		(Note J & O)	Attachment 5	1,908,45
90	General Depreciation and Intangible Amort	ization Functionalized to Transmission		(Line 88 + Line 89)	6,966,64
91	Total Transmission Depreciation & Amortizat	ion		(Lines 81 + 81a + 90)	273,246,57
91				(Lines of + ofa + 30)	213,240,31
axe	s Other than Income Taxes				
92	Taxes Other than Income Taxes		(Note O)	Attachment 2	10,432,80
93	Total Taxes Other than Income Taxes			(Line 92)	10,432,80
Retu	rn \ Capitalization Calculations				
94	Long Term Interest			p117.62.c through 67.c	299,596,59
95	Preferred Dividends		enter positive	p118.29.d	
	Common Stock				
96	Proprietary Capital		(Note P)	Attachment 5	8.201.697.08
97	Less Accumulated Other Comprehensive In	come Account 219	(Note P)	Attachment 5	1,021,73
98	Less Preferred Stock		(10001)	(Line 106)	.,02.,,0
99	Less Account 216.1		(Note P)	Attachment 5	3,331,16
100	Common Stock			(Line 96 - 97 - 98 - 99)	8,197,344,17
	Capitalization				
101	Long Term Debt		(Note P)	Attachment 5	7,362,278,24
102	Less Loss on Reacquired Debt		(Note P)	Attachment 5	63,934,37
103	Plus Gain on Reacquired Debt		(Note P)	Attachment 5	40,000,44
104 105	Less ADIT associated with Gain or Loss Total Long Term Debt		(Note P)	Attachment 5 (Line 101 - 102 + 103 - 104)	<u>16,982,11</u> 7,281,361,75
105	Preferred Stock		(Note P)	Attachment 5	7,201,301,75
107	Common Stock			(Line 100)	8,197,344,17
108	Total Capitalization			(Sum Lines 105 to 107)	15,478,705,93
109	Debt %	Total Long Term Debt		(Line 105 / Line 108)	47.049
110	Preferred %	Preferred Stock		(Line 106 / Line 108)	0.00
111	Common %	Common Stock		(Line 107 / Line 108)	52.969
112	Debt Cost	Total Long Term Debt		(Line 94 / Line 105)	0.041
113	Preferred Cost	Preferred Stock		(Line 95 / Line 106)	0.000
114	Common Cost	Common Stock	(Note J)	Fixed	0.116
115	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 109 * Line 112)	0.019
116	Weighted Cost of Preferred	Preferred Stock		(Line 110 * Line 113)	0.000
117	Weighted Cost of Common	Common Stock		(Line 111 * Line 114)	0.061
118	Rate of Return on Rate Base ( ROR )			(Sum Lines 115 to 117)	0.081
	Investment Return = Rate Base * Rate of Retu			(Line 58 * Line 118)	643,031,19

Public	Service Electric and Gas Company				
ΑΤΤΑ	CHMENT H-10A				
Formu	ıla Rate Appendix A		Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
	d cells are input cells osite Income Taxes				
	Income Tax Rates				
120	FIT=Federal Income Tax Rate		(Note I)		21.00%
121 122	SIT=State Income Tax Rate or Composite	(percent of federal income tax deductible	e for state purposes)	Per State Tax Code	9.00% 0.00%
123	T T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT )	* FIT * p)} =		28.11%
124	T / (1-T)				39.10%
125	ITC Adjustment Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5	-561.000
126	1/(1-T)		()	1 / (1 - Line 123)	139.10%
127 128	Net Plant Allocation Factor ITC Adjustment Allocated to Transmission			(Line 18) (Line 125 * Line 126 * Line 127)	<u>59.30%</u> -462,759
129	Income Tax Component =	(T/1-T) * Investment Return * (1-(WC	LTD/ROR)) =	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	191,508,964
130	Total Income Taxes			(Line 128 + Line 129)	191,046,205
Reven	ue Requirement				
	Summary				
131	Net Property, Plant & Equipment			(Line 43)	10,235,109,330
132 133	Total Adjustment to Rate Base Rate Base			(Line 57) (Line 58)	<u>-2,317,111,428</u> 7,917,997,903
134	Total Transmission O&M			(Line 80)	133,933,189
135	Total Transmission Depreciation & Amortization			(Line 91)	273,246,570
136	Taxes Other than Income			(Line 93)	10,432,800
137 138	Investment Return Income Taxes			(Line 119) (Line 130)	643,031,192 191,046,205
139	Gross Revenue Requirement			(Sum Lines 134 to 138)	1,251,689,957
				(buil Lilles 134 to 130)	1,231,003,337
140	Adjustment to Remove Revenue Requirements A Transmission Plant In Service	Associated with Excluded Transmission F	acilities	(Line 19)	11,162,840,225
141	Excluded Transmission Facilities		(Note B & M)	Attachment 5	0
142 143	Included Transmission Facilities Inclusion Ratio			(Line 140 - Line 141) (Line 142 / Line 140)	11,162,840,225 100.00%
144	Gross Revenue Requirement			(Line 139)	1,251,689,957
145	Adjusted Gross Revenue Requirement			(Line 143 * Line 144)	1,251,689,957
	Revenue Credits & Interest on Network Credits		()	44	04 054 400
146 147	Revenue Credits Interest on Network Credits		(Note O) (Note N & O)	Attachment 3 Attachment 5	21,251,492 0
148	Net Revenue Requirement			(Line 145 - Line 146 + Line 147)	1,230,438,464
	· · · · · ·				.,200,100,101
149	Net Plant Carrying Charge Gross Revenue Requirement			(Line 144)	1,251,689,957
150	Net Transmission Plant, CWIP and Abandoned P	lant		(Line 19 - Line 32 + Line 45 + Line 45a)	10,296,207,758
151	Net Plant Carrying Charge			(Line 149 / Line 150)	12.1568%
152 153	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation,	Return, nor Income Taxes		(Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(	9.5706% 1.4698%
	Net Plant Carrying Charge Calculation per 100 B	asis Point increase in ROF			
154	Gross Revenue Requirement Less Return and Ta			(Line 144 - Line 137 - Line 138)	417,612,559
155	Increased Return and Taxes			Attachment 4	892,406,517
156 157	Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P			(Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a)	1,310,019,076 10,296,207,758
158	Net Plant Carrying Charge per 100 Basis Point in			(Line 156 / Line 157)	12.7233%
159	Net Plant Carrying Charge per 100 Basis Point in	ROE without Depreciation		(Line 156 - Line 81) / Line 157	10.1371%
160	Net Revenue Requirement			(Line 148)	1,230,438,464
161 162	True-up amount Plus any increased ROE calculated on Attachme	nt 7 other than P.IM Sch. 12 projects not paid	hv other P.IM transmission	Attachment 6	12,591,534 5,789,354
163	Facility Credits under Section 30.9 of the PJM OA			Attachment 5	0
164	Net Zonal Revenue Requirement			(Line 160 + 161 + 162 + 163)	1,248,819,352
	Network Zonal Service Rate		(Note L)	Attachment 5	0 500 0
					9,566.9
165 166	1 CP Peak Rate (\$/MW-Year)		(Note L)	(Line 164 / 165)	130,535.22

ATTACHMENT H-10A			
Formula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ende 12/31/2018
Shaded cells are input cells	Heree		
Notes			
A Electric portion only			
B Calculated using 13-month average balances			
C Includes Transmission portion only. At each annual informational filing, Company v	will identify for each parcel of land an ir	ntended 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	e, RTO filings, or transmission siting ite	mized 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; SI	IT 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 abs	ent a filing at FERC		
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense	e until changed by a filing at FERC		
The actual Annual PBOP Expense to be included in the Formula Rate Annual Upda	ate that is required to be filed on or bet	fore October 15 of each year shall be	
based upon the Actual Annual PBOP Expense as charged to FERC Account 926 o	on behalf of electric employees for PBC	OP 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 cont	fidential copy of relevant pages from a	nnual actuarial valuation	
report supporting the derivation of the Actual Annual PBOP Expense as charged to	FERC Account 926 on behalf of elect	tric employees	
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a	a filing at FERC		
If book depreciation rates are different than the Attachment 8 rates, PSE&G will pro	ovide workpapers at the annual update	e 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 bil	lling		
L As provided for in Section 34.1 of the PJM OATT; the PJM established billing deter	rminants will not be revised or updated	I in the annual rate reconciliations	
M Amount of transmission plant excluded from rates per Attachment 5			
N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits	due Transmission Customers who ha	ve made lump-sum payments	
towards the construction of Network Transmission Facilities consistent with Paragra	aph 657 of Order 2003-A		
Interest on the Network Credits as booked each year is added to the revenue requi	irement to make the Transmission Ow	ner whole on Line "&A248&"."	
O Expenses reflect full year plan			
P The projected capital structure shall reflect the capital structure from the FERC For	rm 1 data. For all other formula rate ca	alculations, the	
projected capital structure and actual capital structure shall reflect the capital struct	ture from the most recent FERC Form	1 data available.	
Calculated using the average of the prior year and current year balances			
O Calculated using beginning and year and projected balances			

Q Calculated using beginning and year end projected balances END R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion

Page 1 of 3

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADT) Worksheet - December 31,2018

	Transmission Related	Plant Related	Labor Related	Total ADIT	
ADIT- 282	(2.597.832.425)	0	(36,267,968)	From	Acct. 282 total. below
ADIT-283	0	(14,192,780)	0	From	Acct. 283 total, below
ADIT-190	0	0	12,168,870	From	Acct. 190 total, below
Subtotal	(2,597,832,425)	(14,192,780)	(24,099,098)		
Wages & Salary Allocator			16.0000%		
Net Plant Allocator		59.3008%			
End of Year ADIT	(2,597,832,425)	(8,416,431)	(3,855,865)	(2,610,104,721)	
End of Previous Year ADIT (from Sheet 1A-ADIT (3))	(2,383,691,531)	(8,797,786)	(2,991,346)	(2,395,480,663)	
Average Beginning and End of Year ADIT	(2,490,761,978)	(8,607,109)	(3,423,606)	(2,502,792,692) Appe	ndix A, Line 44

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108 (14,192/780) < From Acct 283, below

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

A	B Total	C Gas, Prod	D Only	E	F	G
ADIT-190	/ Otal	Or Other	Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	33.971.473	33.971.473				Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750	-	-	-	631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	180.153.245				180.153.245	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3.105.261	-			3.105.261	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	395,586	-		-	395,586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	-	-		-		Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	189,384	189,384		-		Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5.554.630	-	-	5.554.630		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1.631.739)	(9.668.012)		-	8.036.273	
Subtotal - p234	222,369,590	24,492,845		5,554,630	192,322,115	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	180,153,245				180,153,245	
Total	36,661,715	24,492,845		0	12,168,870	

Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADT) Worksheet - December 31,2018

Page 2 of 3

### Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	В	с	D	E	F	G
ADIT- 282	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(4.004.267.788)	(1.595.753.854)	(2.375.774.816)		(32.739.118)	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets., column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(412,147,501)	(186,561,043)	(222,057,608)		(3,528,850)	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets,, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(317,127,352)	(267,274,356)	(49,588,141)		(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,733,542,641)	(2,049,589,252)	(2,647,420,566)	0	(36,532,823)	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	(4,683,689,644)	(2,049,589,252)	(2,597,832,425)	0	(36,267,968)	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

Page 3 of 3

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2018

A	в	C Gas. Prod or Other	D Only Transmission	E	F	G
ADIT-283	Total	Related	Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)	-	-		- Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,114,837	11,114,837		-		New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(105,453,531)	(105,453,531)		-		- Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(14.192.780)			(14.192.780)		- Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(158.168.868)	(158.168.868)		-		- Associated with Pension Liability not in rates
Sales Tax Reserve				-		- Sales tax audit reserve
Miscellaneous	37,177,610	37,177,610		-		- Miscellaneous Tax Adjustments
Deferred Gain	(46,845,469)	(46,845,469)		-		- Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)			(232,692,205)		<ul> <li>FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation</li> </ul>
Subtotal - p277	(570,225,671)	(323,340,687)		(246,884,985)		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	(337,533,467)	(323,340,687)		(14,192,780)		

Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

Page 1 of 3

#### Public Service Electric and Gas Company ATTACHMENT H-10A

Attachment 1	<ul> <li>Accumulated</li> </ul>	Deterred Incom	e Taxes (	(ADIT)	Worksheet -	December	31,2017	

ADT-282         (2,383,691,531)         0         (30,864,733)         From Acc. 282 taib, below           ADT-283         0         (4,383,665)         0         From Acc. 282 taib, below           ADT-780         0         0         12,168,870         From Acc. 283 taib, below           ADT-780         0         0         12,168,870         From Acc. 283 taib, below           Subtral         (2,383,691,531)         (4,853,865)         (16,865,653)         From Acct. 190 taib, below           Wages & Salary         16,0000*         16,0000*         16,0000*         16,0000*           Find for ADT         (2,383,691,531)         (7,397,765)         (7,291,340,673)         16,0000*		Only Transmission Related	Plant Related	Labor Related	Total ADIT
ADIT-190         0         0         12,168,870         From Accl. 190 total, below           Subtotal         (2,383,691,531)         (14,833,865)         (16,865,863)         Wages & Salary Allocator           Weighes & Salary Allocator         16,000%         16,000%         16,000%		(2,383,691,531)		(30,864,733)	
Subtoal         (2,383,691,531)         (14,835,865)         (18,695,963)           Wages & Salary Allocator         16,0000%         16,0000%           Net Plant Allocator         59,3008%         16,0000%		0	(14,835,865)	0	
Wages & Salary Allocator 16.0000% Net Plant Allocator 59.3008%		0	0		From Acct. 190 total, below
Net Plant Allocator 59.3008%	Subtotal	(2,383,691,531)	(14,835,865)	(18,695,863)	
	Wages & Salary Allocator			16.0000%	
End of Year ADIT (2.383.691.531) (8.797.786) (2.991.346) (2.395.480.663)	Net Plant Allocator		59.3008%		
	End of Year ADIT	(2,383,691,531)	(8,797,786)	(2,991,346)	(2,395,480,663)

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
(14.835,865) < From Acct 283, below

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

A	B Total	C Gas. Prod	D Only	E	F	G
ADIT-190	10131	Or Other	Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	37,748,575	37,748,575			-	Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750	-			631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	179,879,275	-			179,879,275	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3.105.261	-			3.105.261	Book accrual of dividends on employee stock cotions affecting all functions
Deferred Compensation	395.586	-			395.586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	-	-			-	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	189,384	189,384			-	Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5,554,630	-		5,554,630	-	FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1.631.739)	(9.668.012)	<u> </u>		8.036.273	٥
Subtotal - p234	225,872,721	28,269,947		5,554,630	192,048,144	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	179,879,275				179,879,275	
Total	40,438,817	28,269,947		0	12,168,870	

Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2017

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	в	c	D	E	F	G
ADIT- 282	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(3,710,135,516)	(1,484,577,833)	(2,198,221,800)		(27,335,883)	For Federal - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(360.901.871)	(171.903.290)	(185.469.731)		(3.528.850)	For State - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(49,852,996)	-	(49,588,141)			FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,120,890,383)	(1,656,481,123)	(2,433,279,672)	0	(31,129,588)	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	(4,071,037,387)	(1,656,481,123)	(2,383,691,531)	0	(30,864,733)	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Page 2 of 3

# Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2017

						Page 3 of 3
A	В	C Gas. Prod or Other	D	E	F	G
ADIT-283	Total	Related	Only Transmission Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)		-	-	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,699,896	11,699,896		-	-	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(104.257.965)	(104.257.965)			-	Demand Side management and Associated Programs - Retail Related
Loss on Reacouired Debt	(14.835.865)	-		(14.835.865)	-	Tax deduction when reacouired, booked amortizes to expense
Additional Pension Deduction	(158.168.868)	(158.168.868)		-	-	Associated with Pension Liability not in rates
Sales Tax Reserve		-		-	-	Sales tax audit reserve
Miscellaneous	32,730,151	32,730,151		-	-	Miscellaneous Tax Adjustments
Deferred Gain	(46.845.469)	(46.845.469)		-		Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)			(232,692,205)		FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(573,535,590)	(326,007,521)		(247,528,070)		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	(340,843,386)	(326,007,521)		(14,835,865)		

Instructions for Account 283: 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

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

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

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

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2018

Oth	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount
	Plant Related			
1 2	Real Estate Total Plant Related	21,308,000 21,308,000	N/A	Attachment #5 7,881,000
	Labor Related	Wages	s & Salary Allocate	or
3 4 5 6 7	FICA Federal Unemployment Tax New Jersey Unemployment Tax New Jersey Workforce Development	14,264,750 322,070 687,790 674,100		
8	Total Labor Related	15,948,710	16.0000%	2,551,800
9	Other Included	Ne	t Plant Allocator	
10 11 12	Total Other Included	0	59.3008%	0
	Total Included (Lines 8 + 14 + 19)	37,256,710		10,432,800
	Currently Excluded			
	Corporate Business Tax TEFA Use & Sales Tax Local Franchise Tax PA Corporate Income Tax Municipal Utility Public Utility Fund <b>Subtotal, Excluded</b> Total, Included and Excluded (Line 20 + Line 28) Total Other Taxes from p114.14.g - Actual	0 0 0 0 0 0 37,256,710 37,256,710		
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, 2018

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 divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)	4,665,000
<ul> <li>6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner</li> <li>7 Professional Services (Note 2)</li> <li>8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)</li> </ul>	6,650,000 45,000 7,962,979
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)         10 Gross Revenue Credits       (Sum Lines 1-9)	4,845,371 24,768,349
11 Less line 18     - line 18       12 Total Revenue Credits     line 10 + line 11	(3,516,857) 21,251,492
<ol> <li>Revenues associated with lines 2, 7, and 9 (Note 2)</li> <li>Income Taxes associated with revenues in line 13</li> <li>One half margin (line 13 - line 14)/2</li> <li>All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.</li> </ol>	5,490,371 1,543,343 1,973,514
17 Line 15 plus line 16 18 Line 13 less line 17	1,973,514 3,516,857

- Note 1 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.
- Note 2 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). PSE&G will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 13-18, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

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

	Return and Taxes with 100 Basis Point increase in 100 Basis Point increase in ROE and Incor			Line 27 + Line 42 from below	892,406,517
	100 Basis Point increase in ROE				1.00
n Ca	Iculation			Appendix A Line or Source Reference	
	Rate Base			(Line 43 + Line 57)	7,917,997,90
	Long Term Interest			p117.62.c through 67.c	299,596,596
	Preferred Dividends	e	enter positive	p118.29.d	
	Common Stock				
	Proprietary Capital			Attachment 5	8,201,697,0
	Less Accumulated Other Comprehensiv	e Income Account 219		p112.15.c	1,021,7
	Less Preferred Stock			(Line 106)	
	Less Account 216.1			Attachment 5	3,331,16
	Common Stock			(Line 96 - 97 - 98 - 99)	8,197,344,17
	Capitalization Long Term Debt			Attachment 5	7.362.278.24
	Less Loss on Reacquired Debt			Attachment 5	63,934,37
	Plus Gain on Reacquired Debt			Attachment 5	00,004,07
	Less ADIT associated with Gain or Los	s		Attachment 5	16,982,11
	Total Long Term Debt			(Line 101 - 102 + 103 - 104)	7,281,361,75
	Preferred Stock			Attachment 5	
	Common Stock			(Line 100)	8,197,344,17
	Total Capitalization			(Sum Lines 105 to 107)	15,478,705,93
	Debt %	т	otal Long Term Debt	(Line 105 / Line 108)	47.0
	Preferred %		Preferred Stock	(Line 106 / Line 108)	0.0
	Common %	C	Common Stock	(Line 107 / Line 108)	53.0%
	Debt Cost		otal Long Term Debt	(Line 94 / Line 105)	0.041
	Preferred Cost		Preferred Stock	(Line 95 / Line 106)	0.000
	Common Cost	C	Common Stock	(Line 114 + 100 basis points)	0.126
	Weighted Cost of Debt	т	otal Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.019
	Weighted Cost of Preferred		Preferred Stock	(Line 110 * Line 113)	0.000
	Weighted Cost of Common	C	Common Stock	(Line 111 * Line 114)	0.067
	Rate of Return on Rate Base ( ROR )			(Sum Lines 115 to 117)	0.086
	Investment Return = Rate Base * Rate of Return			(Line 58 * Line 118)	684,963,99
osit	e Income Taxes				
	Income Tax Rates				
	FIT=Federal Income Tax Rate				21.00
	SIT=State Income Tax Rate or Composite				9.00
	p = percent of federal income tax deductible			Per State Tax Code	0.00
	T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =			28.11
	CIT = T / (1-T)				39.10
	1 / (1-T)				139.10
	ITC Adjustment Amortized Investment Tax Credit		enter negative	Attachment 5	-561,00
	1/(1-T)		enter negative	1 / (1 - Line 123)	-301,00
	Net Plant Allocation Factor			(Line 18)	59.3008
	ITC Adjustment Allocated to Transmissi	ion		(Line 125 * Line 126 * Line 127)	-462,75
	Income Tax Component =	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R))	=		207,905,280

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2018

### Exhibit 1

																•		
Electric / N	Ion-electric Cost Support			Previous Year						Current	Year - 2018							Page 1 of 3
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average	Non-electric Portion
	Plant Allocation Factors																	
6	Electric Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.104g	19,742,890,957	19,825,595,886	20,104,813,744	20,326,447,804	20,629,167,815	20,938,813,587	21,251,316,482	21,275,826,367	21,310,782,349	21,361,638,363	21,392,735,723	21,488,874,616	22,056,135,585	20,900,387,637	1
7	Common Plant in Service - Electric	(Note B)	p356	166,892,472	174,040,289	175,018,338	175,371,682	177,520,426	178,196,663	183,353,886	183,803,836	184,182,556	184,503,100	184,138,849	184,739,613	195,374,795	180,548,962	
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	3,575,858,512	3,602,342,995	3,624,829,494	3,648,313,023	3,672,223,218	3,698,796,132	3,725,777,927	3,754,325,988	3,787,335,889	3,820,361,059	3,852,958,335	3,887,247,801	3,920,455,502	3,736,217,375	1
10	Accumulated Intangible Amortization	(Note B)	p200.21c	5,106,935	5,257,546	5,408,158	5,558,770	5,709,382	5,859,994	6,089,439	6,319,170	6,549,187	6,779,346	7,009,506	7,239,665	7,469,825	6,181,302	
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	26,784,199	27,457,199	28,135,932	28,228,175	28,909,914	29,458,853	30,106,466	30,706,076	31,152,681	31,616,888	31,348,042	32,065,970	29,952,655	29,686,389	1
12	Accumulated Common Amortization - Electric	(Note B)	p356	44,901,775	45,593,505	46,288,901	46,986,589	47,707,734	48,432,088	49,160,796	49,893,170	50,630,128	51,371,669	52,117,564	52,867,814	53,675,584	49,202,101	1
	Plant In Service																	
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	10,365,352,227	10,418,460,440	10,654,754,333	10,803,752,626	11,047,483,689	11,197,875,412	11,396,279,745	11,402,371,078	11,409,839,411	11,442,672,744	11,453,360,077	11,528,537,410	11,996,183,743	11,162,840,225	
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	283,648,204	282,074,003	282,991,051	296,126,545	317,361,077	334,115,384	359,257,530	357,382,915	358,669,946	359,343,461	360,848,977	363,831,120	364,244,743	332,299,612	
21	Intangible - Electric	(Note B)	p205.5.g	11,449,861	11,449,861	11,449,861	11,449,861	11,449,861	11,449,861	18.069.861	18.093.861	18,117,861	18,129,861	18,129,861	18,129,861	18,129,861	15.038.477	1
22	Common Plant in Service - Electric	(Note B)	p356	166.892.472	174.040.289	175.018.338	175.371.682	177,520,426	178,196,663	183.353.886	183.803.836	184,182,556	184,503,100	184,138,849	184,739,613	195,374,795	180,548,962	1
24	General Plant Account 397 Communications	(Note B)	p207.94g	32,169,518	31,810,056	31,876,056	31,943,056	31,436,763	31,502,763	42,721,534	40.247.165	40,412,165	40,515,165	40.582.125	42,738,947	42.060.110	36,924,263	
25	Common Plant Account 397 Communications	(Note B)	p356	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,265,190	35,265,190	35,000,156	35,000,156	34,992,175	34,985,952	35,209,921	1
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	20,410,777	20,410,777	20,410,777	20,410,777	20,410,777	20,410,777	20,409,814	17,787,788	17,787,788	17,787,788	17,787,747	17,777,570	17,621,777	19,186,533	1
	Accumulated Depreciation																	1
32	Transmission Accumulated Depreciation	(Note B & J)	p219.25.c	892,839,935	905,106,797	917,307,248	928,910,694	938,625,603	949,517,295	961,072,796	976,553,613	993,348,882	1,009,381,169	1,024,313,830	1,040,675,847	1,057,459,855	968,854,890	1
33	Accumulated General Depreciation	(Note B & J)	p219.28.b	143,531,156	142,881,390	139,215,665	137,245,265	137,612,587	138,829,382	139,517,055	137,607,804	138,477,823	139,342,936	140,970,309	142,263,293	142,125,843	139,970,808	1
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	p356	71,685,975	73,050,704	74,424,833	75,214,764	76,617,648	77,890,941	79,267,262	80,599,246	81,782,809	82,988,557	83,465,606	84,933,784	83,628,239	78,888,490	1
35	Accumulated General Depreciation Associated with Acct. 397	(Note B & J)	Company Records	28,475,982	28,693,363	29,337,757	29,982,709	30,050,149	30,691,431	31,416,975	29,436,351	30,151,445	30,600,156	31,314,418	32,028,469	31,790,354	30,305,351	1
41	Acc. Deprec. Acct. 397 Directly Assigned to Transmission	(Note B & J)	Company Records	20,064,602	20,234,691	20,404,781	20,574,871	20,744,961	20,915,051	21,084,169	18,610,375	18,758,606	18,906,838	19,055,029	19,192,998	19,184,053	19,825,463	1

Wages & S	Wages & Salary									
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year							
2	Total Wage Expense	(Note A) p354.28b	207.395,000							
3	Total Wage Expense Total A&G Wages Expense Transmission Wages	(Note A) p354-22b (Note A) p354-27b p354-27b	207395,000 9,733,000 31,626,000							
1	Transmission Wages	p354.21b	31,626,000							

Transmiss	on / Non-transmission Cost Support				
Line #s	Descriptions	Notes Page #'s & Instructions	Beginning Year Balance	End of Year	Average
	Plant Held for Future Use (Including Land)	(Note C & Q) p214.47.d	20,440,107	27,940,107	24,190,107
46	Transmission Only		17,076,194	19,094,194	18,085,194

Prepayment	s							
Lino #c	Descriptions	Notes Page #'s & Instructions	Brovious Yoar	Electric Beginning	Electric End of Year Balance	Average Balance	Wage & Salary Allocator	To Line 47
Line #5	Prepayments	nores	Flevious real					To Line 47
47	Prepayments	(Note A & Q) p111.57c	0	(	0	0	16.000%	-

Materials and Supplies Beginning Year Beginning Yea							
Line #s	Descriptions	Notes Page #s & Instructions	Balance	End of Year	Average		
	Materials and Supplies						
48 51	Undistributed Stores Exp Transmission Materials & Supplies	(Note Q) p227.16.b.c (Note N & Q)) p227.8.b.c	0 48,632,000	0 48,632,000	0 48,632,000		
Outstanding Network Credits Cost Support							

	g network of carls out outport		Beginning Year			
Line #s	Descriptions	Notes Page #'s & Instructions	Balance	End of Year	Average	
	Network Credits					
56	Outstanding Network Credits	(Note N & Q)) From PJM	0	0 0		0

O&M Exper	Ses		
Line #s	Descriptions	tes Page #s & Instructions	End of Year
59	Transmission O&M (No	e O) p.321.112.b	107,887,010
60	Transmission Lease Payments	e 0) p.321.112.b p.321.06.b	-

Property Ins	Property Insurance Expenses						
Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year			
65	Property Insurance Account 924	(Note O)	p323.1865	3,032,000			

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Exhibit 1

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2018

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### Adjustments to A & G Expense

Aujustitieli	S TO A & G Expense			
Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
62	Total A&G Expenses (Benefit Costs determined in accordance with ASU 2017-17)		р323.1976	172,512,000
63 64	Actual PBOP expense Actual PBOP expense	(Note J) (Note O)	Company Records Company Records	26,864,000 37,487,000

	Expense Related to Transmission Cost Support			Transmission
ine #s	Descriptions	Notes Page #'s & Instructions	End of Year	Related
	Allocated General & Common Expenses			
66	Regulatory Commission Exp Account 928	(Note E & O) p323.1896	10,400,000	-
	Directly Assigned A&G			
72	Regulatory Commission Exp Account 928	(Note G & O) p351.11-13h	835,000	835,000

General 8	General & Common Expenses							
Line #s	Descriptions	Notes Page #5 & Instructions	End of Year	EPRI Dues				
68	Less EPRI Dues	(Note D & O) p352-353	-	-				

Safety Related	Advertising Cost Suppo	ort

					Non-safety
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
	Directly Assigned A&G				
73	General Advertising Exp Account 930.1	(Note K & O) p323.1915	2,125,000		2,125,000
Education a	nd Out Reach Cost Support				
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year	Education & Outreach	Other
	Directly Assigned A&G				
76	General Advertising Exp Account 930.1	(Note K & O) p323.1915	2,125,000		2,125,000
Depreciatio	Expense				

	n Expense		
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
	Depreciation Expense		
81 82 83 85 89	Depreciation-Transmission Depreciation-General & Common Depreciation-General Expense Associated with Acct. 397 Depreciation-Intangible Transmission Depreciation Expense for Acct. 397	(Note J & O) p336.7.f (Note J & O) p336.1081.1.f (Note J & O) Company Records (Note A & O) p336.1.f (Note A & O) Company Records	266,279,024 277,220,08 7,252,148 11,136,699 1,006,451

Direc	t Assignment o	f Transmission	Real Estate	Taxes	
	-				

				Transmission	Non-
Line #s	Descriptions Notes	Page #'s & Instructions E	Ind of Year	Related	Transmission
92	Real Estate Taxes - Directly Assigned to Transmission	p263.33i	21,308,000	7,881,000	13,427,000

PSE&G's real estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which are billed on a quarterly basis for various parcels of property by major classification. Every parcel is associated with a Lot & Block number. These Lot & Blocks are identified to a particular type of property and are labeled. This is the breakout of transmission real estate taxes from total electric. Page 2 of 3

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

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2018

Exhibit 1

Page 3 of 3

Return \ Cap	pitalization					
Line #s	Descriptions	Notes	Page #5 & Instructions	2015 End of Year	2016 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.c,d	7,629,005,378	8,774,388,796	8,201,697,087
97	Accumulated Other Comprehensive Income Account 219		p112.15.c.d	1,227,004	816,474	1,021,739
99	Account 216.1	(Note P)	p119.53.c&d	3,474,616	3,187,722	3,331,169
101	Long Term Debt	(Note P)	p112.18.c,d thru 23.c,d	6,861,859,145	7,862,697,345	7,362,278,245
102	Loss on Reacquired Debt	(Note P)	p111.81.cd	66,774,576	61,094,172	63,934,374
103	Gain on Reacquired Debt	(Note P)	p113.61.c.d			0
104	ADIT associated with Gain or Loss on Reacquired Debt		p277.3.k (footnote)	16,982,115	16,982,115	16,982,115
106	Preferred Stock	(Note P)	p112.3.c,d			0

MultiState	Workpaper	

Line #s	Descriptions	Votes Page #'s & Instructions	State 1	State 2	State 3
	Income Tax Rates				
121		Note ()	NJ 9.00%		

Amortized I	vestment Tax Credit																	
Line #s	Descriptions	Notes	Page #'s & Instructions													End of Year		
125	Amortized Investment Tax Credit (Note O) p266.8.f										561,000							
Excluded T	Excluded Transmission Facilities																	
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average	
141	Excluded Transmission Facilities	(Note B & M)		-	-		-				-						0	

Interest on	utstanding Network Credits Cost Support		
Line #s	Descriptions	Notes Page #5.8 Instructions	End of Year
147	Interest on Network Credits	(Note N & O)	

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

PJM Load Cost Support											
Line #s Descriptions	Notes Page #'s & Instructions		1 CP Peak								
Network Zonal Service Rate 165 1 CP Peak	(Note L) PJM Data		9,566.9								
bandoned Transmission Projects											
Line #s Descriptions		BRH Project Project X Project Y									
a Beginning Balance of Unamortized Transmission Projects Attachment 7 b Years remaining in Amortization Period 81 c Transmission Depreciation Expense Including Amortization of Limited Term Plant	Per FERC Order Per FERC Order (line a / line b)	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -									
d Ending Balance of Unamortized Transmission Projects e Average Balance of Unamortized Abandoned Transmission Projects	(line a - line c) (line a + d)/2	\$         -         \$         -         \$         -           \$         -         \$         -         \$         -									
g Non Incentive Return and Income Taxes h Rate Base Attachment 7 i Non Incentive Return and Income Taxes	(Appendix A line 137+ line 138) (Appendix A line 58) (line g / line h)	S - S - S - S - S - S - 									

ER12-2274

#### Public Service Electric and Gas Company ATTACHMENT H-10A

### Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2018

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

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

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

Where:

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	2011	TO populates the formula with Year 2010 actual data and calculates the 2010 True-Up Adjustment Before Interest
October	2011	TO calculates the Interest to include in the 2010 True-Up Adjustment
October	2011	TO populates the formula with Year 2012 estimated data and 2010 True-Up Adjustment
June	2012	TO populates the formula with Year 2011 actual data and calculates the 2011 True-Up Adjustment Before Interest
October	2012	TO calculates the Interest to include in the 2011 True-Up Adjustment
October	2012	TO populates the formula with Year 2013 estimated data and 2011 True-Up Adjustment
June	2013	TO populates the formula with Year 2012 actual data and calculates the 2012 True-Up Adjustment Before Interest
October	2013	TO calculates the Interest to include in the 2012 True-Up Adjustment
October	2013	TO populates the formula with Year 2014 estimated data and 2012 True-Up Adjustment
June	2014	TO populates the formula with Year 2013 actual data and calculates the 2013 True-Up Adjustment Before Interest
October	2014	TO calculates the Interest to include in the 2013 True-Up Adjustment
October	2014	TO populates the formula with Year 2015 estimated data and 2013 True-Up Adjustment
June	2015	TO populates the formula with Year 2014 actual data and calculates the 2014 True-Up Adjustment Before Interest
October	2015	TO calculates the Interest to include in the 2014 True-Up Adjustment
October	2015	TO populates the formula with Year 2016 estimated data and 2014 True-Up Adjustment
June	2016	TO populates the formula with Year 2015 actual data and calculates the 2015 True-Up Adjustment Before Interest
October	2016	TO calculates the Interest to include in the 2015 True-Up Adjustment
October	2016	TO populates the formula with Year 2017 estimated data and 2015 True-Up Adjustment
June	2017	TO populates the formula with Year 2016 actual data and calculates the 2016 True-Up Adjustment Before Interest
October	2017	TO calculates the Interest to include in the 2016 True-Up Adjustment
October	2017	TO populates the formula with Year 2018 estimated data and 2016 True-Up Adjustment

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 1b, 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

True-up Adjustment (C\*D)

Where: i = average interest rate as calculated below

2

Complete for Each Calendar Year beginning in 2009

ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment. ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment. Difference (A-B) Future Value Factor (1+i)\*24 В С D

## 1,075,953,704

1,064,228,952 11,724,752 <Note: for the first rate year, divide this 1.07393 reconciliation amount by 12 and multiply 12,591,534 by the number of months and fractional months the rate was in effect.

Interest on Amo	unt of Refunds or Surcharges	5
Month	Yr	Month
January	Year 1	0.2800%
February	Year 1	0.2600%
March	Year 1	0.2800%
April	Year 1	0.2800%
May	Year 1	0.2900%
June	Year 1	0.2800%
July	Year 1	0.3000%
August	Year 1	0.3000%
September	Year 1	0.2900%
October	Year 1	0.3000%
November	Year 1	0.2900%
December	Year 1	0.3000%
January	Year 2	0.3000%
February	Year 2	0.2700%
March	Year 2	0.3000%
April	Year 2	0.3000%
May	Year 2	0.3200%
June	Year 2	0.3000%
July	Year 2	0.3400%
August	Year 2	0.3400%
September	Year 2	0.3300%
Average Interes	t Rate	0.2976%

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# Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

								Estimated A	dditions - 2018				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
									Convert the				Relocate the underground portion of North
							Convert the	Convert the	Marion -		Construct a new	Construct a	Ave - Linden "T"
							Bergen - Marion	Marion - Bayonne	Bayonne "C"	Construct a new	North Ave -	new North Ave	138 kV circuit to
							138 kV path to	"L" 138 kV circuit		Bayway - Bayonne	Bayonne 345 kV	Airport 345 kV	Bayway, convert
							double circuit 345			345 kV circuit and	circuit and any	circuit and any	
			Reconfigure		350 MVAR		kV and associated		associated	any associated	associated	associated	any associated
		Ridge Road	Kearny- Loop	Reconfigure	Reactor	Mickleton-	substation	substation	substation	substation	substation	substation	substation
		69kV Breaker Station (B1255)	in P2216 Ckt (B1589)	Brunswick Sw- New 69kVCkt-T	Hopatcong 500kV (B2702)	Gloucester- Camden(B1398-	upgrades (B2436.10)	upgrades (B2436.21)	upgrades (B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	upgrades (B2436.60)
	Other Projects PIS	(monthly		(B2146) (monthly		B1398.7) (monthly		(monthly	(monthly	(monthly	(monthly	(monthly	(monthly
	(monthly additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)
		(in service)		(in service)	(in service)	(in service)		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec-17	9.222.677.668	33.382.127	1.530.376	74,949,196	-	438,784,743	174.641.754	43.133.750	24,754,173	15.218.118	-	-	15.218.118
Jan	22,521,913	191,572	-	-	-	5,000	16,938	1,137	1,137	200,524	-	-	200,524
Feb	39,984,029	190,217	-			5,000	72,474	13,156,649	13,156,649	141,962,430	13,155,532		43,884
Mar	48,273,703	594,143		-	-	5,000	60,637	430,421	430,421	799,071	386,938	26,103,784	22,171
Apr	55,032,865	223,817		-	-	5,000	17,253	8,786,110	581,716	843,679	105,436,138	36,175,259	33,149,302
May	123,826,918	129,299	19,584,758	1,947,000	-	80,000	18,211	687,981	420,170	701,225	711,485	298,021	316,633
Jun	150,159,437	18,565	106,000	9,641,161	21,224,080	100,000	19,771	562,066	8,535,382	614,707	729,092	390,579	378,065
Jul	4,051,043	-	35,000	-	18,000	100,000	23,267	260,922	387,476	345,990	93,225	51,796	22,392
Aug	3,662,511	-	88,000	-	18,000	100,000	18,258	259,612	363,825	367,208	125,010	24,657	681
Sep	30,948,506	-	37,000		15,000	100,000	23,797	252,489	308,420	321,919	73,336	20,202	888
Oct	8,829,690	-	36,000		9,000	100,000	25,867	254,326	302,616	310,929	75,766	20,349	-
Nov	14,165,647	-	35,000	59,287,359	9,000	-	16,108	257,297	306,151	310,860	66,590	14,480	-
Dec	465,669,098	-	35,000	426,000	8,000		15,017	277,237	66,677	332,611	69,412	13,262	-
Total	10,189,803,028	34,729,740	21,487,134	146,250,715	21,301,080	439,384,743	174,969,351	68,319,997	49,614,813	162,329,270	120,922,525	63,112,389	49,352,658

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	Estimated Transmission Enhancement Charges (Before True-Up) - 2018													
							Branchburg-	Flagtown-			Reconductor	Reconductor		
						Metuchen	Flagtown-	Somerville-	Roseland	Wave Trap	Hudson - South	South Mahwah		
	Branchburg	Kittatinny		New Freedom		Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit		
Total Projects	(B0130)	(B0134)		Trans.(B0411)		(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)		
511.849.690	1,901,999	772.843	8.279.691	2.099.946	2,665,229	2,568,254	1.570.839	686.810	2,101,858	2,697	946.750	2.154.499		

				Actual Trans	mission Enhancemen	t Charges - 2016						
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland	Wave Trap	Hudson - South	
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
549,724,505	2,293,690	930,448	9,968,442	2,528,394	3,208,097	3,110,954	1,890,650	826,705	2,529,913	3,247	1,139,246	2,592,387

-				Attachment 6A - F	Project Specific	Estimate and Reco	onciliation Worksh	eet - December 31,	2018				Page 13 of 18			
					Re	conciliation by Proje	ct (without interest)									
							Metuchen	Branchburg- Flagtown-	Flagtown- Somerville-	Roseland	Wave Trap	Reconductor Hudson - South	Reconduct South Mahy			
		Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circ			
	Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)			
[	28,517,873	(22,848)	(8,620)	(106,012)	(23,351)	(29,948)	(30,044)	(17,700)	(7,717)	(31,969)	(30)	(10,755)	(24,5			
					1				1			1	1			
Interest		1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07			

					True Up	by Project (with in	nterest) -2016					
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland		Hudson - South	
	Branchburg	Kittatinny		New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
30,626,128	(24,537)	(9,257)	(113,849)	(25,077)	(32,162)	(32,265)	(19,009)	(8,287)	(34,332)	(32)	(11,550)	(26,346)

					Estimat	ed Transmission E	inhancement Char	ges (After True-U	lp) -2018			
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland	Wave Trap	Hudson - South	South Mahwah
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)		Trans.(B0411)		(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
542,475,818	1,877,462	763,586	8,165,842	2,074,869	2,633,067	2,535,989	1,551,830	678,523	2,067,526	2,664	935,200	2,128,153

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							Estimated Ad	ditions - 2018					
(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
	Relocate the												
	overhead portion												
	of Linden - North				Relocate Farragut								Convert the
Construct a new	Ave "T" 138 kV	Convert the		Convert the	- Hudson "B" and	Relocate the		New Bergen	New Bayway	New Bayway			Bergen - Marion
Airport - Bayway	circuit to Bayway,	Bayway - Linden	Convert the		"C" 345 kV circuits	Hudson 2	New Bergen	345/138 kV	345/138 kV	345/138 kV	New Linden	New Bayonne	138 kV path to
345 kV circuit	convert it to 345	"Z" 138 kV circuit	Bayway - Linden	"M" 138 kV circuit		generation to	345/230 kV	transformer #1	transformer #1	transformer #2	345/230 kV	345/69 kV	double circuit 345
and any	kV, and any	to 345 kV and	"W" 138 kV circuit	to 345 kV and	and any	inject into the 345	transformer and	and any	and any	and any	transformer and	transformer and	kV and
associated	associated	any associated	to 345 kV and any	any associated	associated	kV at Marion and	any associated	associated	associated	associated	any associated	any associated	associated
substation	substation	substation	associated	substation	substation	any associated	substation	substation	substation	substation	substation	substation	substation
upgrades	upgrades	upgrades	substation	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades
(B2436.70)	(B2436.81)	(B2436.83)	upgrades	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B2436.10)
(monthly	(monthly	(monthly	(B2436.84)	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly
additions)	additions	additions)	(monthly additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(CWIP)
15,218,118	30,700,815	30,700,815	44,419,189	44,419,189	29,425,776	24,754,173	26,818,736	26,818,736	15,218,118	15,218,118	17,350,419	-	704,837
200,524	14,291,067	14,291,067	321,453	321,453	23,885	1,137	-	-	200,524	200,524	117,832	-	-
43,884	264,809	264,809	255,631	255,631	29,038	1,117	-	-	43,884	43,884	208,810	13,155,532	(50,196)
71,111,339	32,666	32,666	46,245	46,245	147,489	43,483	1,100	1,100	22,171	22,171	(1,607)	386,938	-
239,947	141,110 139,928	141,110 139,928	84,275 69,727	84,275 69,727	354,519 344,120	1,159			31,610 45,975	31,610 45,975	1,789,753	580,558 418,947	-
251,153	139,928	139,928	13.175	13.175	5.112.642	1,223			45,975	45,975	143,322	418,947 343.014	(654,641)
221,639	4,654	4,654	13,1/5	13,175	5,112,642	1,328			9,958	9,958	166,226	49,997	(654,641)
201.868	4,654	4,654	3,652	4,654	1.993.527	1,562			681	681	122.848	49,997	-
308.736	4,760	4,760	4,760	4,760	189.367	1,226			888	888	160.123	51.137	
310.087	3,900	3,900	3,900	3,900	190,744	1,610		-	-	000	153,239	51,509	-
307.603	3,900	3,900	3,900	3,900	184.830	1,610					146.887	52,111	
329.102	3,438	3,438	3,438	3,438	192,764	1,020				-	140,007	56,149	
88.981.836	45.611.902	45.611.902	45.234.044	45,234,044	38.401.188	24.812.999	26.819.837	26.819.837	15.574.675	15.574.675	20.678.337	15.251.024	0

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					Estimated Tra	nsmission Enhancem	ent Charges (Before	True-Up) - 2018					
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
South Mahwah	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor		Reconductor	Reconductor	138 kV bus tie		Switching Station		Conversion	230kV Circuit	Breakers (b0489.5-		Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	
2.237.137	8.216.634	1.537.343	1.987.742	685,500	4.966.854	1,730,197	2.373.909	6.919.796	8.103.744	1.267.230	642.820	4,713,850	84.864.454

				Actual Trans	mission Enhancemen	t Charges - 2016							
Reconductor			Branchburg- Sommerville-	Somerville-	New Essex- Kearny 138 kV				Aldene-	Upgrade Camden-	Currenterer		
											Susquehanna		
	Branchburg 400		Flagtown		circuit and Kearny	Salem 500 kV	230kV Lawrence		Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
2,691,625	9,901,291	1,849,551	2,391,449	824,687	5,978,667	2,083,057	2,856,436	9,096,222	9,746,523	1,524,089	776,124	5,688,534	102,755,603

				Attachme	nt 6A - Project Spe	cific Estimate and	Reconciliation Wo	orksheet - Decembe	er 31, 2018				Page 14 of 18		
					Re	conciliation by Pr	oject (without inte	rest)							
			Branchburg-		New Essex-					Upgrade					
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna				
South Mahwah	Branchburg 400		Flagtown	Bridgewater	circuit and Kearny		230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna		
	MVAR Capacitor			Reconductor			Switching Station		Conversion		Breakers (b0489.5-		Roseland >		
(B1018)	(B0290)		(B0664 & B0665)	(B0668)	(B0814)		Upgrade (B1228)		(B1399)	(B1590)	B0489.15)	500KV (B0489.4)			
(25,540)	(517,088)	(17,589)	(22,732)	(7,964)	(59,384)	(80,284)	(69,701)	(147,778)	(85,367)	6,830	(7,274)	(53,963)	(1,059,483)		
-															
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393		

					True Up by F	roject (with intere	st) -2016						
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie		Switching Station		Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
(27,428)	(555,315)	(18,890)	(24,412)	(8,553)	(63,774)	(86,219)	(74,854)	(158,703)	(91,678)	7,335	(7,811)	(57,952)	(1,137,808)

					Estimated Tran	smission Enhance	ment Charges (Aft	ter True-Up) -2018					
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
	Branchburg 400		Flagtown		circuit and Kearny		230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
2,209,709	7,661,319	1,518,454	1,963,330	676,947	4,903,080	1,643,978	2,299,056	6,761,094	8,012,066	1,274,565	635,009	4,655,898	83,726,646

Exhibit 1

# Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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					Esti	mated Additions -	2018													
(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)	(AI)	(AJ)	(AK)	(AL)	(AM)	(AN)	(AO)	(AP)	(AQ)	(AR)	(AS)	(AT)		(AU)
							overhead													1
							portion of													1
					Relocate the		Linden - North		Relocate											1
					underground		Ave "T" 138	·	Farragut -											1
					portion of North		kV circuit to	Convert the	Hudson "B" and	Relocate the										1
Convert the	Convert the		Construct a new	Construct a new	Ave - Linden "T"		Bayway.	Bayway - Linden	"C" 345 kV	Hudson 2		New Bergen	New Bayway	New Bayway						1
Marion - Bayonne	Marion - Bavonne	Construct a new	North Ave -	North Ave -	138 kV circuit to	Construct a new	convert it to	"Z" 138 kV	circuits to	generation to	New Bergen	345/138 kV	345/138 kV	345/138 kV	New Linden					1
"L" 138 kV circuit	"C" 138 kV circuit	Bayway - Bayonne	Bayonne 345 kV	Airport 345 kV	Bayway, convert	Airport - Bayway	345 kV. and	circuit to 345 kV	Marion 345 kV	inject into the	345/230 kV	transformer #1	transformer #1	transformer #2	345/230 kV					1
to 345 kV and any	to 345 kV and any			circuit and any	it to 345 kV, and	345 kV circuit and	any	and any	and any	345 kV at	transformer and	and any	and any	and any	transformer and	New Bayonne				1
associated	associated	any associated	associated	associated	any associated	any associated	associated	associated	associated	Marion and any	any associated	associated	associated	associated	any associated	345/69 kV				1
substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	associated	substation	substation	substation	substation	substation	transformer and any				1
upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	associated				1
(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	substation upgrades				Ridge Road 69k\
(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(B2437.33) (monthly				Breaker Station
additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)				(B1255)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)				(in service)
15,873,514	14,614,183	133,132,128	103,234,243	53,061,761	27,376,832	59,546,744	1,074,767	1,034,193	1,703,883	13,549	763,249	763,249	16,545	16,545	25,613,549	12,374,116		Dec-17	9,222,677,668	33,382,127
652,831	(1,557,054)	1,815,939	1,055,192	509,173	686,858	657,991	(1,074,767)	(1,034,193)	330,990	-	-	-	-	-	(22,742,030)	85,192		Jan	22,521,913	33,573,699
(11,470,385)	(10,596,791)	(134,948,067)	(10,669,451)	1,210,747	1,145,475	319,400	-	-	131,819	1,113	(58,480)	(58,480)		(1,199)	264,924	(12,459,152)		Feb	39,984,029	33,763,916
1,295,284	1,599,104	-	288,524	(22,682,892)	312,521	(60,524,135)	-	-	754,485	-	-	-	-	-	(1,558,855)			Mar	48,273,703	34,358,059
(6,351,243)	624,357	-	(93,908,509)	(32,098,788)	(29,521,685)	-	-	-	804,726	-	-	-	-	-	(1,577,588)			Apr	55,032,865	34,581,876
· · ·	307,672	-	-		-	-	-	-	710,942	-	-	-	-	(15.346)		-		May	123,826,918	34,711,175
-	(4,991,470)	-	-	-	-	-	-	-	(4,436,845	(14,662)	(704,769)	(704,769)				(156)		Jun	150,159,437 4 051 043	34,729,740 34,729,740
		-	-	-		-		-	-	-					-	-		Jui	4,051,043	34,729,740
									-		-			-				Aug	30,948,506	34,729,740
			-					1		1		-	-					Oct	8 829 690	34,729,740
	-				-		-	-	-	-		-	-					Nov	14.165.647	34,729,740
	-		-				-	-		-	-	-						Dec	465 669 098	34,729,740
(0)	(0)	(0)	0	0	(0)	(0)	0	(0)	(0)	) 0	0	0	(0)	(0)	0	(0)		Total	10.189.803.028	447,479,030
(0)	(0)	(0)	, v	, v	(0)	(0)	, v	(0)	10	, v	, v	, v	(0)	(0)	, v	(0)		Total	10,100,000,020	447,470,000
																		13 Month Average		1
																		CWIP to Appendix		i
																		A. line 45	783,831,002	34,421,464
																				12.99

783,831,002 34,421,464 12.88

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								E	stimated Transmiss	ion Enhancement (	harges (Before Tru	e-Up) - 2018								
													Relocate the							
													overhead							
											Relocate the		portion of							
							Convert the				underground		Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV	Convert the	Convert the					
					Bergen - Marion	Convert the	Bayonne "C"	Construct a new	Construct a new	Construct a new		Construct a	circuit to		Bayway - Linden			Relocate the		New Bergen
						Marion - Bavonne	138 kV circuit	Bayway -	North Ave -	North Ave -	138 kV circuit to	new Airport -	Bayway.	Linden "Z" 138			Relocate Farragut -	Hudson 2		345/138 kV
						"L" 138 kV circuit											Hudson "B" and "C"			transformer #1
		North Central				to 345 kV and any			circuit and any					345 kV and any	and any	Linden "M" 138 kV	345 kV circuits to	into the 345 kV at	New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West	Northeast Grid	Northeast Grid	associated	associated	associated	associated	associated	associated	any associated		any associated				Marion 345 kV and		kV transformer and	associated
Camden 230kV	Gloucester-		Reliability Project		substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)		Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades		substation upgrades		upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
39.257.924	49,741,703	40.364.207	71,935,992		20.262.866	7.311.454	4,948,493				4,618,938	8,471,130		5.266.819		5,340,569	3,949,660	2,932,429	3,107,951	3,107,951

					Actual Transm	nission Enhanceme	nt Charges - 2016														
														Relocate the							
														overhead							
												Relocate the		portion of							
								Convert the				underground		Linden - North							
						Convert the		Marion -				portion of North		Ave "T" 138 kV		Convert the					
						Bergen - Marion	Convert the			Construct a new			Construct a	circuit to		Bayway - Linden			Relocate the		New Bergen
							Marion - Bayonne			North Ave -		138 kV circuit to		Bayway,	Linden "Z" 138			Relocate Farragut -	Hudson 2		345/138 kV
							"L" 138 kV circuit		Bayonne 345 kV									Hudson "B" and "C"			transformer #1
			North Central			345 kV and	to 345 kV and any	any	circuit and any	circuit and any	circuit and any	it to 345 kV, and	circuit and any	345 kV, and	345 kV and any	and any	Linden "M" 138 kV	345 kV circuits to	into the 345 kV at	New Bergen 345/230	and any
	Burlington -	Mickleton-	Reliability (West	Northeast Grid		associated	associated	associated	associated	associated	associated	any associated	associated	any associated	associated	associated	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
	Camden 230kV	Gloucester-	Orange	Reliability Project	Reliability	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
	Conversion	Camden(B1398-	Conversion)	(B1304.1-	Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
	(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
Г	47,233,422	60,066,502	48,529,997	74,236,857	49,268,709	14,148,115	1,874,846	1,874,846	47,577	-	-	47,577	47,577	71,227	71,227	71,227	71,227	2,252,189	1,874,846	2,363,328	2,363,328

							,	Attachment 6A - F	Project Specific E	stimate and Ree	conciliation Work	sheet - Decemt	per 31, 2018							Page 15 of 18
									Reconci	liation by Projec	t (without interes	st)								
					Convert the Bergen - Marion 138 kV path to double circuit	Convert the Marion - Bayonne "L" 138 kV circuit	138 kV circuit	Construct a new Bayway - Baynne 345 kV	North Ave -	North Ave -	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bavway convert	Construct a new Airport - Bayway 345 kV	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to			Convert the Bayway	Relocate Farragut - Hurison "R" and "C"	Relocate the Hudson 2 generation to inject		New Bergen 345/138 kV transformer #1
		North Central			345 kV and	to 345 kV and any					it to 345 kV, and			345 kV and any			345 kV circuits to		New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West	Northeast Grid		associated	associated	associated	associated	associated	associated	any associated	associated	any associated	associated		circuit to 345 kV and		Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-		Reliability Project		substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion (B1156)	Camden(B1398- B1398.7)	Conversion) (B1154)	B1304.4)	Project (B1304.5- B1304.21)	upgrades (B2436.10)	upgrades (B2436.21)	upgrades (B2436.22)	upgrades (B2436.33)	upgrades (B2436.34)	upgrades (B2436.50)	upgrades (B2436.60)	upgrades (B2436.70)	upgrades (B2436.81)	upgrades (B2436.83)	upgrades (B2436.84)	substation upgrades (B2436.85)	substation upgrades (B2436.90)	upgrades (B2436.91)	substation upgrades (B2437.10)	upgrades (B2437.11)
(241,416)	1,274,783	(244,661)	(29,570,588)	49,268,709	2,507,949	394,617	394,617	47,577	-	-	47,577	47,577	71,227	71,227	71,227	71,227	204,949	394,615	464,535	464,535
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

								Т	ue Up by Project	t (with interest)	-2016									
													Relocate the							
													overhead							
											Relocate the		portion of							
							Convert the Marion -				underground		Linden - North Ave "T" 138 kV	a	<b>A 1 1</b>					
					Convert the						portion of North				Convert the					
					Bergen - Marion			Construct a new			Ave - Linden "T"	Construct a	circuit to		Bayway - Linden			Relocate the		New Bergen
						Marion - Bayonne			North Ave -		138 kV circuit to			Linden "Z" 138			Relocate Farragut -	Hudson 2		345/138 kV
					double circuit	"L" 138 kV circuit											Hudson "B" and "C"			transformer #1
		North Central			345 kV and	to 345 kV and any					it to 345 kV, and			345 kV and any	and any	Linden "M" 138 kV			New Bergen 345/230	and any
Burlington -		Reliability (West			associated	associated	associated	associated	associated	associated	any associated		any associated	associated		circuit to 345 kV and		Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-		Reliability Project		substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)		Project (B1304.5-		upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades		substation upgrades	upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
(259,263)	1,369,024	(262,749)	(31,756,668)	52,911,022	2,693,356	423,790	423,790	51,095	-	-	51,095	51,095	76,493	76,493	76,493	76,493	220,101	423,788	498,877	498,877

								Estim	ated Transmissi	on Enhancemen	t Charges (After	True -Up) - 2018	3							
													Relocate the							
													overhead							
											Relocate the		portion of							
							Convert the				underground		Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV	Convert the	Convert the					
					Bergen - Marion			Construct a new	Construct a new	Construct a new	Ave - Linden "T"	Construct a	circuit to		Bayway - Linden			Relocate the		New Bergen
						Marion - Bayonne		Bayway -	North Ave -		138 kV circuit to		Bayway,	Linden "Z" 138			Relocate Farragut -	Hudson 2		345/138 kV
						"L" 138 kV circuit											Hudson "B" and "C"			transformer #1
		North Central			345 kV and	to 345 kV and any	any	circuit and any	circuit and any	circuit and any	it to 345 kV, and	circuit and any	345 kV, and	345 kV and any				into the 345 kV at	New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West	Northeast Grid	Northeast Grid	associated	associated	associated	associated	associated	associated	any associated	associated	any associated	associated	associated	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-	Orange	Reliability Project	Reliability	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)	(B1304.1-	Project (B1304.5	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
38,998,661	51,110,727	40,101,459	40,179,324	52,911,022	22,956,222	7,735,244	5,372,283	16,531,590	10,206,715	5,445,790	4,670,033	8,522,224	5,343,312	5,343,312	5,417,062	5,417,062	4,169,761	3,356,217	3,606,828	3,606,828

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

							Estimated Addition						
(AV)	(AW)	(AX)	(AY)	(AZ)	(BA)	(BB)	(BC)	(BD)	(BE)	(BF)	(BG)	(BH)	(BI)
										Relocate the		Relocate the	
				- Marion 138 kV						underground portion of North Ave -		overhead portion of Linden - North Ave	Convert the Bayway - Linden
				path to double	Convert the Marion -	Convert the Marion -	Construct a new		Construct a new	Linden "T" 138 kV	Construct a new	"T" 138 kV circuit to	"Z" 138 kV circuit
1					Bayonne "L" 138 kV		Bayway - Bayonne	Construct a new North	North Ave - Airport	circuit to Bayway,	Airport - Bayway	Bayway, convert it	to 345 kV and any
Reconfigure		350 MVAR	Mickleton-	associated		circuit to 345 kV and	345 kV circuit and	Ave - Bayonne 345 kV		convert it to 345 kV,		to 345 kV, and any	associated
Kearny- Loop in	Reconfigure	Reactor	Gloucester-	substation	any associated	any associated	any associated	circuit and any	any associated	and any associated	any associated	associated	substation
P2216 Ckt	Brunswick Sw-New	Hopatcong	Camden(B1398-	upgrades		substation upgrades	substation upgrades	associated substation					upgrades
(B1589)	69kVCkt-T (B2146)	500kV (B2702)	B1398.7)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	upgrades (B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
1,530,376	74,949,196	-	438,784,743	174,641,754	43,133,750	24,754,173	15,218,118	-	-	15,218,118	15,218,118	30,700,815	30,700,815
1,530,376	74,949,196	-	438,789,743	174,658,692	43,134,887	24,755,311	15,418,642			15,418,642	15,418,642	44,991,882	44,991,882
1,530,376	74,949,196		438,794,743	174,731,166	56,291,536	37,911,960	157,381,072	13,155,532		15,462,526	15,462,526	45,256,691	45,256,691
1,530,376	74,949,196	-	438,799,743	174,791,803	56,721,957	38,342,381	158,180,143	13,542,470	26,103,784	15,484,696	86,573,865	45,289,358	45,289,358
1,530,376	74,949,196		438,804,743	174,809,056	65,508,067	38,924,097	159,023,821	118,978,608	62,279,043	48,633,998	86,813,812	45,430,467	45,430,467
21,115,134	76,896,196	-	438,884,743	174,827,266	66,196,048	39,344,267	159,725,046	119,690,093	62,577,064	48,950,631	87,064,965	45,570,395	45,570,395
21,221,134	86,537,356	21,224,080	438,984,743	174,847,038	66,758,114	47,879,648	160,339,753	120,419,185	62,967,643	49,328,697	87,286,605	45,587,553	45,587,553
21,256,134	86,537,356	21,242,080	439,084,743	174,870,305	67,019,036	48,267,125	160,685,743	120,512,411	63,019,439	49,351,089	87,524,440	45,592,207	45,592,207
21,344,134	86,537,356	21,260,080	439,184,743	174,888,562	67,278,648	48,630,949	161,052,951	120,637,420	63,044,096	49,351,770	87,726,308	45,595,858	45,595,858
21,381,134	86,537,356	21,275,080	439,284,743	174,912,360	67,531,137	48,939,370	161,374,870	120,710,757	63,064,298	49,352,658	88,035,044	45,600,618	45,600,618
21,417,134	86,537,356	21,284,080	439,384,743	174,938,226	67,785,463	49,241,985	161,685,799	120,786,523	63,084,647	49,352,658	88,345,131	45,604,518	45,604,518
21,452,134	145,824,715	21,293,080	439,384,743	174,954,334	68,042,760	49,548,136	161,996,659	120,853,113	63,099,127	49,352,658	88,652,734	45,608,464	45,608,464
21,487,134	146,250,715	21,301,080	439,384,743	174,969,351	68,319,997	49,614,813	162,329,270	120,922,525	63,112,389	49,352,658	88,981,836	45,611,902	45,611,902
178,325,947	1,176,404,387	148,879,560	5,707,551,661	2,272,839,913	803,721,399	546,154,215	1,794,411,887	1,110,208,636	592,351,530	504,610,798	923,104,026	576,440,730	576,440,730
13,717,381 8.30	90,492,645 8.04	11,452,274 6.99	439,042,435 12.99	174,833,839 12.99	61,824,723 11.76	42,011,863 11.01	138,031,684 11.05	85,400,664 9.18	45,565,502 9.39	38,816,215 10.22	71,008,002 10.37	44,341,595 12.64	44,341,595 12.64

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					Estima	ated Transmission Enhan	cement Charges (Before	True-Up) - 2018					
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt			Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)		69kVCkt-T (B2146)		(B0489.4) (CWIP)	(CWIP)
1.835.238	1.835.212	2.226.613	1.479.264	1.368.849	2,193,902	4.116.007	3.664.036	129,905	1.639.441	10.815.286	1.368.726	-	-

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										Actual Tr	ansmission Enhanceme	ent Charges - 2016	
New Bayway 345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and											
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank				Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
25,899	27,513	141,823		1,646,241	2,637,556	556,391	4,451,390	153,181	-	-	-	-	-

					Attachment	5A - Project Specific I	Estimate and Reconci	liation Worksheet - Dec	ember 31, 2018				Page 16 of 18
					Reco	nciliation by Project (	without interest)						
New Bayway 345/138 kV transformer # and any associated substation	New Bayway 345/138 kV transformer #2 and any associated	New Linden 345/230 kV transformer and any associated substation	New Bayonne 345/69 kV transformer and any associated substation	Upgrade Eagle Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor	Susquehanna	Susquehanna Roseland >=
upgrades (B2437.20)	substation upgrades (B2437.21)	upgrades (B2437.30)	(B2437.33)	230kV Circuit (B1588)	Gloucester 230kV Circuit (B2139)	Breaker Station (B1255)	Lumberton 230kV Circuit (B1787)	250MVAR Cap Bank (B0376)	(B1589)	Brunswick Sw-New 69kVCkt-T (B2146)		Roseland < 500KV (B0489.4) (CWIP)	500KV (B0489) (CWIP)
25,89	9 27,513	141,823	-	(7,964)	112,364	(2,251,480)	325,597	153,181	-	-	-	-	
1.073	3 1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

					True Up by Proj	ect (with interest) -20	016						
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	Susquehanna	Roseland >=
	substation upgrades		upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank		Brunswick Sw-New		Roseland < 500KV	
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
27,813	29,547	152,308		(8,552)	120,671	(2,417,927)	349,668	164,506		-	-	-	

					Estimated Transmi	ission Enhancement	Charges (After True -U	Jp)- 2018					
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
1 863 051	1 864 759	2 378 921	1 479 264	1 360 297	2 314 572	1 698 080	4 013 704	204 411	1 639 441	10 815 286	1 368 726	-	

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						Estimated Ad	dditions - 2018						
(BJ)	(BK)	(BL)	(BM)	(BN)	(BO)	(BP)	(BQ)	(BR)	(BS)	(BT)	(BU)	(BV)	(BW)
(83)	(DK)	(65)	(UW)	(DN)	New Bergen	(07)	(50)		(83)	(81)	(50)	(59)	(547)
Convert the Bayway- Linden "W" 138 kV circuit to 345 kV and any associated	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any	generation to inject into the 345 kV at Marion and any	New Bergen 345/230 kV transformer and any associated	345/138 kV transformer #1 and any associated substation	New Bayway 345/138 kV transformer #1 and any associated	New Bayway 345/138 kV transformer #2 and any associated substation	transformer and any associated	New Bayonne 345/69 kV transformer and any associated substation	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated	Bayonne "L" 138 kV circuit to 345 kV and any associated	circuit to 345 kV and any associated	Construct a new Bayway - Bayonne 345 kV circuit and any associated
substation upgrades (B2436.84)	substation upgrades (B2436.85)	associated substation upgrades (B2436.90)	associated upgrades (B2436.91)	substation upgrades (B2437.10)	upgrades (B2437.11)	substation upgrades (B2437.20)	upgrades (B2437.21)	substation upgrades (B2437.30)	upgrades (B2437.33)	substation upgrades (B2436.10)	(B2436.21)	substation upgrades (B2436.22)	substation upgrades (B2436.33)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
44,419,189	44,419,189	29.425.776	24,754,173	26.818.736	26.818.736	15.218.118	15.218.118	17.350.419	(11 001100)	704.837	15.873.514	14.614.183	133.132.128
44,740,642	44,740,642	29,449,661	24,755,311	26,818,736	26.818.736	15,418,642	15,418,642	17,468,251	-	704.837	16,526,345	13.057.129	134,948,067
44,996,273	44,996,273	29,478,699	24,756,428	26.818.736	26.818.736	15,462,526	15,462,526	17.677.062	13,155,532	654.641	5.055.960	2,460,338	(0)
45.042.518	45.042.518	29.626.188	24,799,911	26.819.837	26.819.837	15,484,696	15,484,696	17.675.454	13.542.470	654.641	6.351.244	4.059.442	(0)
45,126,793	45,126,793	29,980,708	24,801,069	26.819.837	26 819 837	15.516.306	15 516 306	19.465.207	14,123,028	654 641	(0)	4 683 799	(0)
45,196,520	45,196,520	30.324.827	24.802.292	26.819.837	26.819.837	15,562,281	15,562,281	19.608.529	14,541,974	654.641	(0)	4,991,471	(0)
45,209,694	45,209,694	35,437,469	24,803,620	26.819.837	26.819.837	15.572.239	15.572.239	19,774,755	14.884.989	0	(0)	(0)	(0)
45.214.348	45,214,348	35.649.956	24.805.182	26.819.837	26.819.837	15.573.107	15,573,107	19.954,744	14,934,986	0	(0)	(0)	(0)
45.218.000	45,218,000	37.643.482	24,806,408	26.819.837	26.819.837	15.573.788	15,573,788	20.077.592	15.040.118	0	(0)	(0)	(0)
45.222.759	45,222,759	37.832.849	24.808.006	26.819.837	26.819.837	15.574.675	15,574,675	20.237.715	15.091.255	0	(0)	(0)	(0)
45.226.660	45,226,660	38.023.594	24,809,616	26.819.837	26.819.837	15.574.675	15,574,675	20.390.954	15,142,764	0	(0)	(0)	(0)
45,230,605	45,230,605	38,208,424	24.811.244	26.819.837	26.819.837	15.574.675	15.574.675	20.537.842	15,194,875	Ő	(0)	(0)	(0)
45.234.044	45,234,044	38,401,188	24.812.999	26.819.837	26.819.837	15.574.675	15,574,675	20.678.337	15.251.024	0	(0)	(0)	(0)
586.078.044	586.078.044	439,482,822	322.326.260	348.654.574	348,654,574	201.680.405	201.680.405	250.896.862	160.903.014	4.028.239	43.807.061	43.866.358	268.080.194
45,082,926 12.96	45,082,926 12.96	33,806,371 11.44	24,794,328 12.99	26,819,583 13.00	26,819,583 13.00	15,513,877 12.95	15,513,877 12.95	19,299,759 12.13	12,377,155 10.55	13.00 309.865	13.00 3.369.774	13.00 3.374.335	13.00 20.621.553

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				Estimated Transmis	sion Enhancement C	harges (Before True-Up	) - 2018						
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
								Convert the Marion -			North Ave -	Construct a new	"T" 138 kV circuit to
							circuit 345 kV and	Bayonne "L" 138 kV	circuit to 345 kV	Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden		Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
Reliability (West		Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades	upgrades	associated substation	substation upgrades	substation upgrades	substation upgrades
Orange Conversio		(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP	) B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)

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										Actual	Transmission Enhance	ment Charges - 2016	
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion		Construct a new		of North Ave - Linden
								Convert the Marion -			North Ave -	Construct a new	"T" 138 kV circuit to
								Bayonne "L" 138 kV	circuit to 345 kV	Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden	Reliability Project	Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
Reliability (West	Mickleton-Gloucester-		Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project		substation upgrades	upgrades	associated substation		substation upgrades	substation upgrades
Orange Conversion	Camden (B1398-	(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
-			-	-	11,982,038	4,104,014	5,126,158	857,240	921,870	3,473,891	1,695,242	1,011,439	749,927

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					Reconciliation	by Project (without i	nterest)						
North Central Reliability (West Orange Conversion) (B1154) (CWUP)		Mickleton-Gloucester- Camden Breakers (B1398.15-B1398.19) (C/WIP)	Burlington - Camden 230kV Conversion (B1156)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)		and any associated	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	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 (B2436.50) (CWIP)	Relocate the underground portion of North Ave – Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)
-	-			-	3,522,083	3,748,178	(700,564)	(569,315)	(143,008)	586,708	59,227	(538,073)	(257,986)
	I	I			T			1	I	I	1	I	
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

				True U	p by Project (with	interest) -2016							
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
								Convert the Marion -			North Ave -	Construct a new	"T" 138 kV circuit to
								Bayonne "L" 138 kV	circuit to 345 kV	Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated			Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden			substation	and any associated	substation	kV circuit and any	associated	any associated	associated
Reliability (West	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades	upgrades	associated substation			
Orange Conversion)	Camden (B1398-	(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
			-	-	3,782,462	4,025,272	(752,355)	(611,403)	(153,580)	630,082	63,605	(577,852)	(277,058)

				Estimat	ed Transmission	Enhancement Charge	es (After True-Up) -	2018					
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
									Bayonne "C" 138 kV		North Ave -	Construct a new	"T" 138 kV circuit to
							circuit 345 kV and	Bayonne "L" 138 kV		Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden		Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project		substation upgrades			substation upgrades	substation upgrades	substation upgrades
Orange Conversion)		(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
-	-	-	-	-	3.782.462	4.025.272	(721.012)	(288.547)	266,261	2.606.787	2.972.515	847.562	564,655

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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(BX)	(BY)	(BZ)	(CA)	(CB)	(CC)	(CD)	(CE)	(CF)	(CG)	(CH)	(CI)	(CJ)	(CK)
Construct a new North Ave - Bayonne 345 kV circuit and any associated substation	Construct a new North Ave - Airport 345 KV circuit and any associated substation uoorades	Relocate the of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	kV circuit and any associated	Relocate the overhead portion of Linden - North Ave 77 138 KV circuit to Bayway, convert it to 345 KV, and any associated	Convert the Bayway- Linden *2* 138 kV circuit to 345 kV and any associated	Relocate Farragut - Hudson "B" and "C" 345 KV icruits to Marion 345 KV and any associated substation	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated ucorrades	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly	kV transformer #1 and any associated substation upgrades	New Bayway 345/138 kV transformer #1 and any associated substation upgrades		New Linden 345/230 kV transformer and any associated substation upgrades	New Bayonne 345/69 kV transformer and an associated substation
upgrades (B2436.34)	(B2436.50)	upgrades (B2436.60)		substation upgrades (B2436.81)	substation upgrades (B2436.83)	upgrades (B2436.90)	(B2436.91)	(B2437.10) (monthly additions)	(B2437.11) (monthly additions)	(B2437.20) (monthly additions)	(B2437.21) (monthly additions)	(B2437.30) (monthly additions)	upgrades (B2437.33) (monthly additions)
(B2436.34) (CWIP)	(B2436.50) (CWIP)	(CWIP)	(B2436.70) (CWIP)	(B2436.81) (CWIP)	(B2436.83) (CWIP)	(CWIP)	(B2436.91) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(montnly additions) (CWIP)	(monthly additions) (CWIP)
103.234.243	53.061.761	27.376.832	59,546,744	1.074.767	1.034.193	1.703.883	13.549	763.249	763.249	16.545	16.545	25.613.549	12.374.116
104,289,435	53,570,934	28.063.690	60.204.735	1,074,707	1,034,133	2.034.872	13,549	763.249	763,249	16,545	16,545	2.871.520	12,459,308
93,619,985	54,781,681	29,209,165		0	(0)	2,166,691	14,662	704,769	704,769	15,346	15,346	3,136,443	156
93,908,509	32.098,788	29.521.686	(0)	Ő	(0)	2.921.177	14.662	704,769	704,769	15.346	15.346	1.577.588	156
0	0	(0)	(0)	0	(0)	3.725.903	14.662	704,769	704,769	15.346	15.346	0	156
0	0	(0)	(0)	0	(0)	4,436,845	14,662	704,769	704,769	15,346	15,346	0	156
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)		0	(0)	(0)	0	0	0	(0)		0	(0)
0	0	(0)		0	(0)	(0)	0	0	0	(0)		0	(0)
395,052,176	193,513,166	114,171,370	180,275,609	1,074,771	1,034,189	16,989,371	85,746	4,345,571	4,345,571	94,474	94,474	33,199,102	24,834,045
13.00 30.388.629	13.00 14.885.628	13.00 8.782.413	13.00 13.867.355	13.00 82.675	13.00 79.553	13.00 1.306.875	13.00	13.00 334,275	13.00 334.275	13.00 7.267	13.00 7.267	13.00 2.553.777	13.00 1.910.311

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		Estimated Transmi	ssion Enhancement Char	ges (Before True-Up) - 2	018							
	Relocate the											
Construct a new					Relocate Farragut -							
Airport - Bayway		Convert the Bayway -			Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
345 kV circuit and	"T" 138 kV circuit to	Linden "Z" 138 kV	Linden "W" 138 kV	Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)		(CWIP)	(B2436.85) (CWIP)		(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
1,328,392	8,046	7,738	-	-	136,075	702	33,744	33,744	735	735	160,162	183,255

		Page 18 of 19										
							Actual Tra	nsmission Enhancement C	harges - 2016			
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway	Linden - North Ave	Convert the Bayway -	Convert the Bayway -		Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
	"T" 138 kV circuit to		Linden "W" 138 kV		345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
2,311,095	1,295,020	1,295,020	1,342,797	1,342,797	868,195	704,952	908,856	915,296	597,380	597,124	2,125,894	157,609

Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

				Attachment	6A - Project Specific E	Estimate and Reconcili	ation Worksheet - Dec	ember 31, 2018				Page 18 of 18			
Reconcilia	Reconciliation by Project (without interest)														
	Relocate the														
Construct a new	overhead portion of				Relocate Farragut -										
Airport - Bayway	Linden - North Ave	Convert the Bayway -	Convert the Bayway -		Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne			
345 kV circuit and		Linden "Z" 138 kV		Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230				
any associated	Bayway, convert it to		circuit to 345 kV and		Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138		transformer #2 and	kV transformer and	transformer and			
substation	345 kV, and any	any associated		circuit to 345 kV and	any associated	Marion and any		kV transformer #1 and	any associated	any associated	any associated	any associated			
upgrades	associated	substation upgrades	substation upgrades		substation upgrades		substation upgrades	any associated		substation upgrades					
(B2436.70) (CWIP)	substation upgrades (B2436.81) (CWIP)		(B2436.84) (CWIP)	substation upgrades	(B2436.90) (CWIP)	(B2436.91) (CWIP)	(B2437.10) (CWIP)	substation upgrades (B2437.11) (CWIP)	(B2437.20) (CWIP)	(B2437.21) (CWIP)	(B2437.30) (CWIP)	upgrades			
517.581	(B2436.61) (CWIP) 175.506	175.506	(CWIP) 66.363	(B2436.85) (CWIP) 66.363	(213,626)				(41,915)			(B2437.33) (CWIP) 11,628			
517,561	175,506	175,506	66,363	66,363	(213,626)	(156,796)	(417,051)	(400,303)	(41,915)	(42,254)	1,274,130	11,620			
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393			

True Up by	Project (with interest) -2	016										
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway	Linden - North Ave	Convert the Bayway -	Convert the Bayway -		Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
	"T" 138 kV circuit to		Linden "W" 138 kV		345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
555,844	188,481	188,481	71,269	71,269	(229,419)	(170,537)	(448,742)	(438,574)	(45,014)	(45,378)	1,368,323	12,488

Estimated	Transmission Enhancem	ent Charges (After True -	Up) - 2018									
1	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway		Convert the Bayway -	Convert the Bayway -			Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
345 kV circuit and	"T" 138 kV circuit to	Linden "Z" 138 kV	Linden "W" 138 kV	Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
1,884,236	196,527	196,218	71,269	71,269	(93,344)	(169,836)	(414,998)	(404,830)	(44,279)	(44,643)	1,528,485	195,743

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New Plant Carrying Cha	rge		
Fixed Charge Rate (FC	R) if		
If not a CIAC	Formula Line		
A	152	Net Plant Carrying Charge without Depreciation	9.57%
в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
С		Line B less Line A	0.57%
FCR if a CIAC			
D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequen	t years.
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast G	rid Reliability Project is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effe	ective January 1, 2012.
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandon	ned Transmission Projects, Line 17 is the
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortize	ed in year plus one.

10		Details		Bra	nchbura (B0130)		K	tatinny (B0134)		Fe	sex Aldene (B014	15)	New Fr	edom Trans.(B04	11)
10	"Yes" if a project under PJM	Details		Dia	Inclibula (Bol30)		N	12011111 (00134)			Sex Aldelle (Bols	51	NGW FI	accommission	
11	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life	(165 01 140)	42			42			42			42		
12	"Yes" if the customer has paid a	Lie		42			42			42			42		
	lumpsum payment in the amount														
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in														
14	ROE From line 3 above if "No" on line	Increased ROE (Basis F	Points)	0			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	yet classified - End of year														
17	balance	Investment		20,645,602			8,069,022			86,467,721			22,188,863		
1		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		491,562			192,120			2,058,755			528,306		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2006			2007			2007			2007		
								Depreciation			Depreciation			Depreciation	
					Depreciation or			or			or			or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006	20,680,597	492,395	4,652,471									
23		W Increased ROE W 11.68 % ROE	2006 2007	20,680,597 20,188,202	492,395 492,395	4,652,471 4,553,422	8.069.022	80.050	1.703.202	86.565.629	858,786	18.272.191	22.188.863	484.281	4.947.757
24		W Increased ROE	2007	20,188,202	492,395	4,553,422	8.069.022	80,050	1,703,202	86,565,629	858,786	18,272,191	22,100,003	484,281	4,947,757
26															
27		W 11.68 % ROE	2008	19,695,807	492,395	4,454,372	7,988,972	192,120	1,799,169	85,706,843	2,061,086	19,301,739	21,704,582	528,306	4,894,366
28		W Increased ROE	2008	19,695,807	492,395	4,454,372	7,988,972	192,120	1,799,169	85,706,843	2,061,086	19,301,739	21,704,582 21,704,582	528,306	4,894,366 4,894,366
		W Increased ROE W 11.68 % ROE	2008 2009	19,695,807 19,203,412	492,395 492,395	4,454,372 4,523,234	7,988,972 7,796,853	192,120 192,120	1,799,169 1,828,696	85,706,843 83,645,756	2,061,086 2,061,086	19,301,739 19,618,517	21,704,582 21,704,582 21,176,276	528,306 528,306	4,894,366 4,894,366 4,973,254
29		W Increased ROE W 11.68 % ROE W Increased ROE	2008 2009 2009	19,695,807 19,203,412 19,203,412	492,395 492,395 492,395	4,454,372 4,523,234 4,523,234	7,988,972 7,796,853 7,796,853	192,120 192,120 192,120	1,799,169 1,828,696 1,828,696	85,706,843 83,645,756 83,645,756	2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517	21,704,582 21,704,582 21,176,276 21,176,276	528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254
		W Increased ROE W 11.68 % ROE	2008 2009	19,695,807 19,203,412 19,203,412 18,711,016	492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968	7,988,972 7,796,853 7,796,853 7,604,733	192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722	85,706,843 83,645,756 83,645,756 81,584,670	2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970	528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254 4,504,919
29 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2009 2009 2010	19,695,807 19,203,412 19,203,412	492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234	7,988,972 7,796,853 7,796,853	192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696	85,706,843 83,645,756 83,645,756	2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517	21,704,582 21,704,582 21,176,276 21,176,276	528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254
29 30 31		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2008 2009 2009 2010 2010	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016	492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 4,095,968	7,988,972 7,796,853 7,796,853 7,604,733 7,604,733	192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722	85,706,843 83,645,756 83,645,756 81,584,670 81,584,670	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 17,773,557	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,647,970	528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254 4,504,919 4,504,919
29 30 31 32 33 34		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE	2008 2009 2010 2010 2010 2011 2011 2012	19,695,807 19,203,412 18,203,412 18,711,016 18,711,016 18,218,621 17,726,226	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416	7,988,972 7,796,853 7,796,853 7,604,733 7,612,613 7,412,613 7,412,613 7,220,494	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451	85,706,843 83,645,756 83,645,756 81,584,670 81,584,670 79,523,584 79,523,584 77,462,497	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 16,266,692 16,266,692 13,693,952	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,647,970 20,119,663 20,119,663 19,551,357	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254 4,504,919 4,504,919 4,122,360 4,122,360 3,470,422
29 30 31 32 33 34 35		W Increased ROE W 11.68 % ROE W 11.68 % ROE	2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,218,621 18,218,621 17,726,226 17,726,226	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416 3,154,416	7,988,972 7,796,853 7,604,733 7,604,733 7,412,613 7,220,494 7,220,494	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451	85,706,843 83,645,756 81,584,670 81,584,670 79,523,584 77,462,497 77,462,497	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 16,266,692 16,266,692 13,693,952	21,704,582 21,704,582 21,176,276 20,647,970 20,647,970 20,119,663 20,119,663 19,591,357 19,591,357	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,504,919 4,504,919 4,122,360 3,470,422 3,470,422
29 29 31 32 32 33 34 35 35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2008 2009 2010 2010 2011 2011 2011 2012 2012	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,218,621 18,218,621 17,726,226 17,726,226 17,723,831	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416 3,154,416 2,886,756	7,988,972 7,796,853 7,604,733 7,604,733 7,412,613 7,412,613 7,412,613 7,220,494 7,220,494 7,028,374	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,26,451	85,706,843 83,645,756 81,584,670 81,584,670 79,523,584 79,523,584 77,462,497 77,462,497 75,401,411	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 17,773,557 16,266,692 16,266,692 13,693,952 13,693,952 12,536,886	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,619,663 20,119,663 19,591,357 19,591,357 19,063,051	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,504,919 4,504,919 4,122,360 4,122,360 3,470,422 3,470,422 3,176,807
29 30 31 32 33 34 35 35 36 37		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE	2008 2009 2010 2010 2011 2011 2011 2012 2012	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,218,621 18,218,621 17,726,226 17,726,226 17,723,831 17,233,831	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 4,095,968 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756	7,988,972 7,796,853 7,796,853 7,604,733 7,612,613 7,412,613 7,220,494 7,220,494 7,028,374 7,028,374	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,168,598 1,168,598	85,706,843 83,645,756 83,645,756 81,584,670 81,584,670 79,523,584 77,462,497 77,462,497 75,401,411	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 16,266,692 16,266,692 13,693,952 13,693,952 12,536,886 12,536,886	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,647,970 20,119,663 19,591,357 19,591,357 19,063,051 19,063,051	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,973,254 4,504,919 4,122,360 4,122,360 3,470,422 3,176,807 3,176,807
29 29 31 32 32 33 34 35 35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2008 2009 2010 2010 2011 2011 2011 2012 2012	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,218,621 18,218,621 17,726,226 17,726,226 17,723,831	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416 3,154,416 2,886,756	7,988,972 7,796,853 7,604,733 7,604,733 7,412,613 7,412,613 7,412,613 7,220,494 7,220,494 7,028,374	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,26,451	85,706,843 83,645,756 81,584,670 81,584,670 79,523,584 79,523,584 77,462,497 77,462,497 75,401,411	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,618,517 17,773,557 17,773,557 16,266,692 16,266,692 13,693,952 13,693,952 12,536,886	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,619,663 20,119,663 19,591,357 19,591,357 19,063,051	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,894,366 4,973,254 4,504,919 4,504,919 4,122,360 4,122,360 3,470,422 3,470,422 3,176,807
22 22 23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25		W Increased ROE W Increased ROE W Increased ROE W Increased ROE W I1.68 % ROE	2008 2009 2010 2010 2011 2011 2012 2012 2012	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,218,621 17,726,226 17,726,226 17,723,831 17,233,831 16,741,438	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416 3,154,416 2,886,756 2,886,756 2,555,172	7,988,972 7,796,853 7,796,853 7,604,733 7,604,733 7,412,613 7,412,613 7,220,494 7,220,494 7,028,374 6,836,255	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,168,598 1,168,598 1,034,441	85,706,843 83,645,756 83,645,756 81,584,670 81,584,670 79,523,584 79,523,584 77,462,497 77,462,497 75,401,411 75,401,411	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,739 19,618,517 19,773,557 17,773,557 16,266,692 13,693,952 13,693,952 12,536,886 12,536,886 11,097,629	21704582 21,704582 21,76,276 20,647,970 20,647,970 20,119,663 20,119,663 19,591,357 19,591,357 19,063,051 19,063,051 18,534,745	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4,894,366 4,973,254 4,973,254 4,504,919 4,504,919 4,122,360 3,470,422 3,470,422 3,176,807 3,176,807 2,812,043
22 33 35 35 35 35 35 35 35 35 35 35 35 35		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2008 2009 2010 2010 2011 2011 2012 2012 2013 2013	19,695,807 19,203,412 19,203,412 18,711,016 18,211,016 18,218,621 17,726,226 17,726,226 17,726,228 17,728,3831 16,741,436 16,741,438	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,095,968 4,095,968 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756 2,886,756 2,555,172	7,988,972 7,796,853 7,960,4733 7,604,733 7,412,613 7,220,494 7,220,494 7,220,494 7,028,374 6,836,255 6,836,255	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,856,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,168,598 1,168,598 1,168,598	85,706,843 83,645,756 83,645,756 81,584,670 81,584,670 79,523,584 79,523,584 77,462,497 77,462,497 75,401,411 75,401,411 75,401,411 73,340,324	2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086 2,061,086	19,301,738 19,618,517 19,618,517 17,773,557 16,266,692 13,693,952 13,693,952 12,536,886 12,536,886 11,097,629 11,097,629 11,097,629 10,416,881	21,704,582 21,704,582 21,176,276 20,647,970 20,647,970 20,647,970 20,647,970 19,653 19,591,357 19,053,051 19,063,051 18,534,745 18,534,745	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4.894,366 4.973,254 4.973,254 4.504,919 4.122,360 3.470,422 3.470,422 3.176,807 3.176,807 2.812,043 2.812,043 2.812,043 2.639,133
22 30 31 32 33 34 35 35 35 35 35 35 36 37 38 39 40		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2008 2009 2009 2010 2011 2011 2012 2012 2013 2013 2013	19.695,807 19.203,412 19.203,412 18.711,016 18.711,016 18.218,621 17.726,226 17.726,226 17.7233,831 16.741,436 16.249,041 16.249,041 15.743,650	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,095,968 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756 2,886,756 2,555,172 2,397,208 2,397,208 2,297,208	7,988,972 7,796,853 7,706,4733 7,604,733 7,412,613 7,220,494 7,220,494 7,028,374 6,362,655 6,636,255 6,644,135 6,644,135 6,644,135	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,856,722 1,516,263 1,516,263 1,276,451 1,276,451 1,168,598 1,034,441 1,034,441 970,986 970,986 930,448	85,706,843 83,645,756 81,684,670 81,584,670 81,584,670 79,523,584 77,462,497 77,462,497 75,401,411 73,340,324 71,279,238 71,279,238 71,279,238	2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086	19.301.739 19.618.517 19.618.517 17.773.557 16.266.692 13.669.352 13.669.352 12.536.886 11.097.629 11.097.629 11.097.629 11.097.629 10.416.881 0.416.881	21 704 582 21 704 582 21 176 276 20 647,970 20 647,970 20 119 663 20 119 663 20 119 663 20 119 663 20 119 663 20 1365 19 053,051 19 063,051 18 553,745 18 553,745 18 553,745 18 563,745 18 563,74518 565 18 565,755 18 565,7555 18 565,7555 18 565,7555 18 565,75555 18 565,75555555555555555555555555555555555	528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306	4,894,366 4,973,254 4,973,254 4,504,919 4,504,919 4,122,360 4,122,360 3,470,422 3,176,807 2,812,043 2,812,043 2,639,133 2,659,133 2,526,394
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		W Increased ROE W 11.68 % ROE	2008 2009 2009 2010 2011 2011 2012 2013 2013 2013 2014 2014 2015 2015 2016 2016	19,695,807 19,203,412 19,203,412 18,711,016 18,711,016 18,216,621 17,726,226 17,726,226 17,726,228 17,726,228 17,728,238,831 16,741,436 16,741,436 16,741,436 16,741,436 15,743,650	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,095,968 4,095,968 3,746,858 3,746,858 3,746,858 3,746,858 3,746,858 3,746,858 3,746,858 3,746,858 3,746,858 2,555,172 2,555,172 2,357,208 2,397,208 2,397,208 2,293,690	7 988,972 7,796,853 7,796,853 7,604,733 7,604,733 7,412,613 7,412,613 7,220,404 7,022,374 7,028,374 7,028,374 7,028,374 7,028,374 7,028,374 7,028,374 6,836,255 6,644,135 6,644,135 6,644,135 6,645,2016 6,452,016	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,856,722 1,656,722 1,516,263 1,516,263 1,276,451 1,276,451 1,168,598 1,034,441 1,034,441 1,034,441 970,986 970,986 930,448	85,706,843 83,645,756 81,584,670 79,523,584 77,462,497 77,462,497 77,462,497 77,462,497 73,401,411 73,340,324 73,340,324 71,279,238 69,120,244 69,120,244	2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.085 2.061.086	19.301739 19.618.517 17.773.557 16.726.692 15.266.692 13.693.952 12.536.886 12.536.886 11.097.629 11.097.629 11.097.629 11.097.629 11.047.6881 10.416.881	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,047,970 20,119,663 21,119,663 20,119,663 21,9591,357 19,063,051 18,554,745 18,656,459 18,066,459 18,006,459 18,006,459 17,476,152	528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306 528.306	4,894,366 4,973,254 4,973,254 4,504,919 4,504,919 4,122,360 3,470,422 3,470,422 3,470,422 3,176,807 2,812,043 2,812,043 2,639,133 2,639,133 2,528,394
- 22 22 23 23 23 23 23 23 23 23 23 23 23		W bnceased ROE W 11.68 % ROE	2008 2009 2009 2010 2011 2011 2012 2012 2013 2014 2014 2014 2015 2015 2016 2016 2017	19.605.807 19.203.412 19.203.412 18.211.016 18.2711.016 18.218.621 18.218.621 17.726.226 17.726.226 17.726.238 17.233.831 16.741.436 16.741.436 16.741.436 16.743.650 15.743.650 15.743.650	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,052,928 4,095,968 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756 2,886,756 2,886,756 2,555,172 2,555,172 2,555,172 2,555,172 2,555,172 2,397,208 2,297,208 2,293,690 2,2176,785	7 988,972 7 796,853 7 796,853 7 ,604,733 7 ,604,733 7 ,614,733 7 ,412,613 7 ,220,494 7 ,220,494 7 ,222,494 7 ,022,374 7 ,022,374 6 ,636,255 6 ,634,135 6 ,644,135 6 ,644,135 6 ,644,135	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,516,263 1,276,451 1,276,451 1,276,451 1,168,598 1,034,441 970,986 970,986 930,448 930,448 930,448	85,706,843 83,645,756 83,645,756 81,584,670 79,523,584 77,462,497 77,462,497 77,462,497 77,462,497 77,462,497 77,462,497 73,340,324 71,279,238 71,279,238 69,120,244 69,120,244 67,157,065	2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086	19.301.739 19.618.517 19.618.517 17.773.557 16.226.692 13.609.952 12.536.886 11.2536.886 11.2536.886 11.097.629 10.0416.881 10.0416.881 9.968.442 9.968.442 9.968.442	21,704,582 21,704,582 21,176,276 20,647,970 20,647,970 20,0116,663 20,116,663 20,116,663 20,053,051 19,963,051 19,963,051 19,534,745 19,554,745 19,554,745 19,066,439 18,767,132 17,477,132 17,477,132	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4.894,366 4.894,366 4.973,254 4.973,254 4.504,919 4.504,919 4.122,360 4.122,360 3.470,422 3.176,807 2.812,043 2.812,043 2.812,043 2.639,133 2.528,394 2.528,394 2.528,394
- 29 30 31 32 33 34 35 36 77 38 39 40 41 42 43 44 45		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2008 2009 2009 2010 2011 2011 2012 2012 2013 2013 2013	19.685.807 19.203.412 19.203.412 18.711.016 18.218.621 17.726.226 17.726.226 17.726.238 17.726.238 16.741.436 16.741.436 16.741.436 15.743.650 15.743.650 15.743.650	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,523,234 4,085,968 3,746,858 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756 2,886,756 2,555,172 2,397,208 2,397,208 2,293,690 2,293,690 2,176,785	7,988,972 7,796,853 7,796,853 7,604,733 7,604,733 7,604,733 7,412,613 7,220,404 7,022,374 7,022,374 7,022,374 7,022,374 7,022,374 7,022,374 7,022,374 6,532,255 6,644,135 6,644,135 6,644,135 6,644,135 6,644,135 6,644,135 6,644,135 6,642,016 6,452,016 6,6452,016 6,6452,016 6,6452,016	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,856,722 1,556,722 1,556,85 1,576,263 1,576,263 1,276,451 1	85,706,843 83,645,756 81,584,670 79,523,584 77,462,497 77,462,497 77,462,497 73,401,411 73,340,324 71,279,238 71,279,238 69,120,244 67,157,065	2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086	19.301739 19.618.517 17.773.557 16.726.692 13.693.952 12.536.868 12.536.886 12.536.886 12.097.629 11.097.629 11.097.629 10.416.881 10.416.881 10.416.881 10.416.881 10.416.881 10.416.881	21,704,582 21,704,582 21,176,276 21,176,276 20,647,970 20,647,970 20,047,970 20,119,663 20,119,663 20,119,663,051 19,963,051 19,963,051 19,963,051 19,963,051 19,963,051 19,963,051 21,7476,152 17,476,155 17,476	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4.894,366 4.894,366 4.972,254 4.973,254 4.574,919 4.504,919 4.122,360 4.122,360 4.122,360 3.4770,422 3.176,807 3.176,807 3.176,807 3.176,807 3.176,807 3.176,807 3.128,9133 2.639,133 2.639,133 2.528,394 2.528,394 2.398,697 2.398,697
- 2 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3		W bnceased ROE W 11.68 % ROE	2008 2009 2009 2010 2011 2011 2012 2012 2013 2014 2014 2014 2015 2015 2016 2016 2017	19.605.807 19.203.412 19.203.412 18.211.016 18.2711.016 18.218.621 18.218.621 17.726.226 17.726.226 17.726.238 17.233.831 16.741.436 16.741.436 16.741.436 16.743.650 15.743.650 15.743.650	492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395 492,395	4,454,372 4,523,234 4,052,928 4,095,968 3,746,858 3,746,858 3,154,416 2,886,756 2,886,756 2,886,756 2,886,756 2,555,172 2,555,172 2,555,172 2,555,172 2,555,172 2,397,208 2,297,208 2,293,690 2,2176,785	7 988,972 7 796,853 7 796,853 7 ,604,733 7 ,604,733 7 ,614,733 7 ,412,613 7 ,220,494 7 ,220,494 7 ,222,494 7 ,022,374 7 ,022,374 6 ,636,255 6 ,634,135 6 ,644,135 6 ,644,135 6 ,644,135	192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120 192,120	1,799,169 1,828,696 1,828,696 1,656,722 1,656,722 1,516,263 1,516,263 1,516,263 1,276,451 1,276,451 1,276,451 1,168,598 1,034,441 970,986 970,986 930,448 930,448 930,448	85,706,843 83,645,756 83,645,756 81,584,670 79,523,584 77,462,497 77,462,497 77,462,497 77,462,497 77,462,497 77,462,497 73,340,324 71,279,238 71,279,238 69,120,244 69,120,244 67,157,065	2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086 2.061.086	19.301.739 19.618.517 19.618.517 17.773.557 16.226.692 13.609.952 12.536.886 11.2536.886 11.2536.886 11.097.629 10.0416.881 10.0416.881 9.968.442 9.968.442 9.968.442	21,704,582 21,704,582 21,176,276 20,647,970 20,647,970 20,0116,663 20,116,663 20,116,663 20,053,051 19,963,051 19,963,051 19,534,745 19,554,745 19,554,745 19,066,439 18,767,132 17,477,132 17,477,132	528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306 528,306	4.894,366 4.894,366 4.973,254 4.973,254 4.504,919 4.504,919 4.122,360 4.122,360 3.470,422 3.176,807 2.812,043 2.812,043 2.812,043 2.639,133 2.528,394 2.528,394 2.528,394

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

New Plant Carrying Cha	arge		
Fixed Charge Rate (FO	CR) if		
	Formula Line		
A	152	Net Plant Carrying Charge without Depreciation	9.57%
В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
с		Line B less Line A	0.57%
FCR if a CIAC			
D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliabili	ity Project is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Janu	ary 1, 2012.
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects	s, Line 17 is the
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year p	dus one.
		-	

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10		Details		New	reedom Loop (B)	0498)	Metuc	hen Transformer	(B0161)	Branchburg-F	lagtown-Somer	ville (B0169)	Flagtown-S	omerville-Bridaew	ater (B0170)
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis	Points)	0			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if									-					
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not vet classified - End of year														
	balance	Investment		27,005,248			25,654,455			15,731,554			6,961,495		
		Annual Depreciation													
	Line 17 divided by line 12 Months in service for	or Amort Exp		642,982			610,820			374,561			165,750		
19	depreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if CWIP)			2008			2009			2009			2008		
10				A1000			2000			2000			£100V		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008	24,921,237 24,921,237	88,646 88,646	837,584 837,584							6,961,495 6,961,495		239,734 239,734
28		W 11.68 % ROE	2009	26,916,602	642,982	6.292.837	19,700,217	288.478	2.831.673	15.773.880	234,561	2.302.423	6,936,122		1.621.657
29		W Increased ROE	2009	26,916,602	642,982	6,292,837	19,700,217	288,478	2,831,673	15,773,880	234,561	2,302,423	6,936,122		1,621,657
30		W 11.68 % ROE	2010	26,273,620	642,982	5,703,044	25,488,527	613,738	5,522,598	15,539,319	375,568	3,368,301	6,770,372		1,469,662
31		W Increased ROE	2010	26,273,620	642,982	5,703,044	25,488,527	613,738	5,522,598	15,539,319	375,568	3,368,301	6,770,372		1,469,662
32		W 11.68 % ROE	2011	25,630,832	642,987	5,221,521	24,896,838	614,263	5,061,682	15,121,425	374,561	3,075,759	6,604,623		1,345,559
33		W Increased ROE W 11.68 % ROE	2011 2012	25,630,832 24,987,652	642,987 642,982	5,221,521 4,395,482	24,896,838 24,282,576	614,263 614,263	5,061,682 4,260,879	15,121,425 14,746,864	374,561 374,561	3,075,759 2,589,159	6,604,623 6,438,873		1,345,559
34 35		W Increased ROE	2012	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879	14,746,864	374,561	2,589,159	6,438,873		1,132,702
36		W 11.68 % ROE	2012	24,344,669	642,982	4,025,278	23,668,312	614,263	3.902.590	14,372,303	374,561	2,309,139	6.273.123		1.037.298
37		W Increased ROE	2013	24,344,669	642,982	4.025.278	23,668,312	614,263	3,902,590	14,372,303	374,561	2.371.359	6.273.123		1.037.298
38		W 11.68 % ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373		918,263
39		W Increased ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373		918,263
40		W 11.68 % ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623		862,264
41		W Increased ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623		862,264
42		W 11.68 % ROE	2016	22,415,723	642,982	3,208,097	21,819,123	614,111	3,110,954	13,248,621	374,561	1,890,650	5,775,874		826,705
43		W Increased ROE W 11 68 % ROF	2016	22,415,723	642,982 642 982	3,208,097	21,819,123	614,111	3,110,954	13,248,621	374,561	1,890,650	5,775,874 5,610,124		826,705
44		W 11.68 % ROE W Increased ROE	2017 2017	21,772,741	642,982 642 982	3,045,575	21,211,259	614,263	2,954,897	12,874,060		1,795,196			784,820
45 46		W Increased ROE W 11.68 % ROE	2017	21,772,741 21,129,759	642,982 642 982	3,045,575 2,665,229	21,211,259 20,452,549	614,263 610,820	2,954,897 2,568,254	12,874,060 12,499,499	374,561 374,561	1,795,196 1,570,839	5,610,124 5,444,374		784,820 686,810
40		W Increased ROE	2018	21,129,759	642,982	2,665,229	20,452,549	610,820	2,568,254	12,499,499	374,561	1.570.839	5,444,374	165,750	686.810

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#### Public Service Electric and Gas Company ATTACHMENT H-10A

ATTACHMENT H-10A		
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - Decer	aber 31, 2018	

1	New Plant Carrying Ch	arge		
2	Fixed Charge Rate (Fi if not a CIAC	CR) if		
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	С		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliable	ility Project is 11.93%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Jan	uary 1, 2012.
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Project	ts, Line 17 is the
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year	plus one.

10		Details		Becelone	Transformers	(80274)	Ware	Trap Branchburg (B		Descent starts to	udson - South Water	(D0042)	Descent rates for	uth Mahwah J-3410 C	(D4047)
10	"Yes" if a project under PJM	Details		Roseland	Transformers	(80274)	wave	Trap Branchburg (B	30172.2)	Reconductor Hu	udson - South Water	ront (80813)	Reconductor So	iuth Manwah, 3-3410 C	arcuit (B1017)
	OATT Schedule 12, otherwise	0.1.1.1.10	04				Yes								
11	"No" Useful life of the project	Schedule 12 Life	(Yes or No)	Yes 42			Yes 42			Yes 42			Yes 42		
12	"Yes" if the customer has paid a	Life		42			42			42			42		
	lumpsum payment in the amount														
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No								
13	Input the allowed increase in	CIAC	(tes or No)	NO			NO			No			No		
14	ROE	Increased ROE (Basis	Points)	0			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	yet classified - End of year			1			1			I					
17	balance	Investment		21,014,433			27,988			9,158,918			20,626,991		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		500.344			666			218.069			491.119		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2009			2008			2010			2011		
					Depreciation			Depreciation			Depreciation			Depreciation	
					or			or			or			or	
21															
			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE W 11.68 % ROE		Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W Increased ROE	2006 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008	Ending	Amortization	Revenue	36,369	577	5,114	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008				36,369 36,369	577 577	5,114 5,114	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27 28		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008 2008 2008	21,092,458	268,347	2,634,066	36,369 36,369 35,792	577 577 866	5,114 5,114 8,379	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23 24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008				36,369 36,369	577 577	5,114 5,114	Ending 8.806.222	Amortization 18.700	Revenue 169.959	Ending	Amortization	Revenue
22 23 24 25 26 27 28 29		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010	21,092,458 21,092,458 20,797,967 20,797,967	268,347 268,347 501,579 501,579	2,634,066 2,634,066 4,507,079 4,507,079	36,369 36,369 35,792 35,792 27,122 27,122	577 577 866 866 666 666	5,114 5,114 8,379 8,379 5,890 5,890	8,806,222 8,806,222	18,700 18,700	169,959 169,959			
22 23 24 25 26 27 28 29 30 31 31 32		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2009 2010 2010 2011	21,092,458 21,092,458 20,797,967 20,797,967 20,302,520	268,347 268,347 501,579 501,579 501,725	2,634,066 2,634,066 4,507,079 4,507,079 4,128,443	36,369 36,369 35,792 35,792 27,122 27,122 25,878	577 577 866 866 666 666 666	5,114 5,114 8,379 5,890 5,890 5,289	8,806,222 8,806,222 9,140,218	18,700 18,700 218,069	169,959 169,959 1,850,822	20,623,951	300,198	2,435,793
22 23 24 25 26 27 28 29 30 31 31 32 33		W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2009 2010 2010 2011 2011	21,092,458 21,092,458 20,797,967 20,392,520 20,302,520	268,347 268,347 501,579 501,579 501,725 501,725	2,634,066 2,634,066 4,507,079 4,507,079 4,128,443 4,128,443	36,369 36,369 35,792 35,792 27,122 27,122 25,878 25,878	577 577 866 866 666 666 666 666	5,114 5,114 8,379 8,379 5,890 5,890 5,289 5,289	8,806,222 8,806,222 9,140,218 9,140,218	18,700 18,700 218,069 218,069	169,959 169,959 1,850,822 1,850,822	20,623,951 20,623,951	300,198 300,198	2,435,793 2,435,793
22 23 24 25 26 27 28 29 30 31 31 32		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2009 2010 2010 2011	21,092,458 21,092,458 20,797,967 20,797,967 20,302,520	268,347 268,347 501,579 501,579 501,725	2,634,066 2,634,066 4,507,079 4,507,079 4,128,443 3,475,512	36,369 36,369 35,792 35,792 27,122 27,122 25,878	577 577 866 866 666 666 666	5,114 5,114 8,379 5,890 5,890 5,289	8,806,222 8,806,222 9,140,218 9,140,218 8,922,149	18,700 18,700 218,069	169,959 169,959 1,850,822 1,850,822	20,623,951 20,623,951 20,326,793	300,198 300,198 491,119	2,435,793 2,435,793 3,543,678
22 23 24 25 26 27 28 29 30 31 31 32 33 34		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2010 2011 2011 2011	21,092,458 21,092,458 20,797,967 20,797,967 20,302,520 20,302,520 19,802,055	268,347 268,347 501,579 501,725 501,725 501,725	2,634,066 2,634,066 4,507,079 4,507,079 4,128,443 4,128,443	36,369 36,369 35,792 35,792 27,122 27,122 27,122 25,878 25,878 25,878 25,212	577 577 866 666 666 666 666 666 666	5,114 5,114 8,379 5,890 5,890 5,289 5,289 5,289	8,806,222 8,806,222 9,140,218 9,140,218	18,700 18,700 218,069 218,069	169,959 169,959 1,850,822 1,850,822	20,623,951 20,623,951	300,198 300,198	2,435,793 2,435,793
22 23 24 25 26 27 28 29 30 31 31 32 33 34 35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	21,092,458 21,092,458 20,797,967 20,302,520 20,302,520 19,802,055 19,802,055 19,300,300 19,300,300	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755	2,634,066 2,634,066 4,507,079 4,507,079 4,128,443 3,475,512 3,475,512 3,475,512 3,183,218	36,369 36,369 35,792 27,122 27,122 25,878 25,878 25,878 25,212 25,212 24,546	577 577 866 866 666 666 666 666 666 666 666 6	5,114 5,114 8,379 5,890 5,289 5,289 5,289 4,453 4,453 4,077 4,077	8,806,222 8,806,222 9,140,218 8,922,149 8,922,149 8,922,149 8,704,079 8,704,079	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069	169,959 169,959 1,850,822 1,857,946 1,557,946 1,427,360 1,427,360	20,623,951 20,623,951 20,326,793 20,326,793 19,835,674 19,835,674	300,198 300,198 491,119 491,119 491,119 491,119	2,435,793 2,435,793 3,543,678 3,543,678 3,246,963 3,246,963
22 23 24 25 26 27 30 30 31 32 33 34 35 36 37 38		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	21,092,458 21,092,458 20,797,967 20,302,520 19,802,055 19,802,055 19,802,055 19,300,300 18,309,8545	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755	2,634,066 2,634,066 4,507,079 4,128,443 3,475,512 3,475,512 3,183,218 3,183,218 3,183,218	36,369 36,369 35,792 35,792 27,122 25,878 25,878 25,212 25,212 24,546 24,546 23,880	577 577 866 666 666 666 666 666 666 666 666 6	5,114 5,114 8,379 5,890 5,289 5,289 4,453 4,453 4,453 4,077 3,609	8,806,222 9,140,218 9,140,218 8,922,149 8,922,149 8,704,079 8,704,079 8,704,079	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 180,959 1,850,822 1,857,946 1,557,946 1,427,360 1,427,360 1,263,663	20,623,951 20,623,951 20,326,793 19,835,674 19,835,674 19,344,555	300,198 300,198 491,119 491,119 491,119 491,119	2,435,793 2,435,793 3,543,678 3,543,678 3,246,963 3,246,963 2,874,638
22 23 24 25 26 30 30 31 33 34 35 36 36 37 38 38 39		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2011	21,092,458 21,092,458 20,797,967 20,797,967 20,302,520 19,802,055 19,300,300 19,300,300 19,300,300 19,300,300 18,798,545	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755	2,634,066 4,507,079 4,507,079 4,128,443 3,475,512 3,475,512 3,183,218 3,183,218 2,817,996 2,817,996	36,369 36,369 35,792 35,792 27,122 27,122 25,878 25,878 25,212 24,546 24,546 23,880 23,880	577 577 866 866 666 666 666 666 666 666 666 6	5,114 5,114 8,379 8,379 5,890 5,289 5,289 4,453 4,453 4,453 4,077 4,077 3,609 3,609	8,806,222 9,140,218 9,140,218 8,922,149 8,922,149 8,922,149 8,704,079 8,704,079 8,704,079 8,704,079	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 166,959 1,850,822 1,857,946 1,457,946 1,427,360 1,427,360 1,263,663	20,623,951 20,623,951 20,326,793 20,326,793 19,835,674 19,835,674 19,344,555 19,344,555	300,198 300,198 491,119 491,119 491,119 491,119 491,119	2,435,793 2,435,773 3,543,678 3,246,963 3,246,963 3,246,963 2,874,638
22 23 24 25 26 30 31 32 33 34 35 36 37 38 38 39 30 40		W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	21,092,458 21,092,458 20,797,967 20,302,520 19,802,655 19,802,055 19,300,300 19,300,300 19,300,300 18,798,545 18,796,545	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755	2,634,066 2,634,066 4,507,079 4,128,443 3,475,512 3,475,512 3,475,512 3,475,512 3,475,512 3,475,512 3,475,912 3,475,912 2,817,996 2,817,996 2,846,618	36,369 36,369 35,792 27,122 27,122 28,878 28,878 25,212 24,546 24,546 23,880 23,880 23,213	577 577 866 666 666 666 666 666 666 666 666 6	5,114 5,114 8,379 8,879 5,890 5,289 5,289 4,453 4,453 4,453 4,453 4,077 3,609 3,369	8,806,222 8,806,222 9,140,218 8,922,149 8,704,079 8,704,079 8,704,079 8,466,010 8,466,010 8,267,940	18,700 18,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 169,959 1,850,822 1,857,946 1,557,946 1,427,360 1,427,360 1,263,663 1,263,663	20,623,951 20,623,951 20,326,793 19,835,674 19,835,674 19,344,555 18,853,437	300,198 300,198 491,119 491,119 491,119 491,119 491,119 491,119	2,435,793 2,435,793 3,543,678 3,544,678 3,246,963 3,246,963 2,874,636 2,874,636 2,874,636
22 23 24 25 26 27 28 30 30 31 32 33 34 35 36 37 38 36 37 38 340 40 41		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2011	21,092,458 21,092,458 20,797,967 20,302,520 20,302,520 19,802,055 19,300,300 19,300,300 19,300,300 18,798,545 18,798,545 18,798,545 18,296,790	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755 501,755	2,634,066 4,507,079 4,507,079 4,128,443 3,475,512 3,475,512 3,183,218 3,183,218 3,183,218 2,817,996 2,846,618	36,369 36,369 35,792 27,122 27,122 25,878 25,212 24,546 24,546 23,880 23,880 23,213 22,213	577 577 866 666 666 666 666 666 666 666 666 6	5,114 5,114 8,379 5,890 5,289 4,453 4,453 4,453 4,077 3,609 3,388 3,388	8,806,222 8,806,222 9,140,218 8,922,149 8,704,079 8,704,079 8,704,079 8,466,010 8,466,010 8,466,010 8,267,940	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 189,959 1,850,822 1,557,946 1,427,360 1,427,360 1,263,663 1,263,663 1,263,663 1,187,289 1,187,289	20,623,951 20,623,951 20,326,793 20,326,793 19,835,674 19,835,674 19,835,674 19,344,555 19,344,555 19,344,555 18,853,437	300.198 300.198 491.119 491.119 491.119 491.119 491.119 491.119 491.119	2,435,793 2,435,793 3,543,678 3,246,963 3,246,963 2,874,636 2,874,636 2,874,636 2,701,236
22 23 24 25 26 30 31 32 33 34 35 36 37 38 38 39 30 40		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2012 2013 2013	21,092,458 21,092,458 20,797,967 20,302,520 19,802,655 19,802,055 19,300,300 19,300,300 19,300,300 18,798,545 18,796,545	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755	2,634,066 2,634,066 4,507,079 4,128,443 3,475,512 3,475,512 3,475,512 3,475,512 3,475,512 3,475,512 3,475,912 3,475,912 2,817,996 2,817,996 2,846,618	36,369 36,369 35,792 27,122 27,122 28,878 28,878 25,212 24,546 24,546 23,880 23,880 23,213	577 577 866 666 666 666 666 666 666 666 666 6	5,114 5,114 8,379 8,879 5,890 5,289 5,289 4,453 4,453 4,453 4,453 4,077 3,609 3,369	8,806,222 8,806,222 9,140,218 8,922,149 8,704,079 8,704,079 8,704,079 8,466,010 8,466,010 8,267,940	18,700 18,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 169,959 1,850,822 1,857,946 1,557,946 1,427,360 1,427,360 1,263,663 1,263,663	20,623,951 20,623,951 20,326,793 19,835,674 19,835,674 19,344,555 18,853,437	300,198 300,198 491,119 491,119 491,119 491,119 491,119 491,119	2,435,793 2,435,793 3,543,678 3,544,678 3,246,963 3,246,963 2,874,636 2,874,636 2,874,636
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42		W Increased ROE W 11.68 % ROE W	2006 2007 2007 2008 2008 2008 2009 2010 2010 2011 2011 2011 2012 2012	21,092,458 21,092,458 20,797,967 20,302,520 20,302,520 19,902,055 19,902,055 19,300,300 19,798,545 18,798,545 18,296,790 18,296,790	268,347 268,347 501,579 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755 501,755 500,344	2,634,066 2,634,066 4,507,079 4,128,443 3,475,512 3,475,512 3,183,218 2,817,996 2,817,996 2,846,618 2,646,618 2,529,913	36,369 36,369 35,792 27,122 27,122 25,878 25,212 24,546 23,880 23,213 23,213 23,213 22,547	577 577 866 866 666 666 666 666 666 666 666 6	5,114 5,114 8,379 5,880 5,880 5,880 5,289 4,453 4,453 4,077 4,077 3,669 3,388 3,388 3,388	8,806,222 9,140,218 9,140,218 8,922,149 8,702,149 8,704,079 8,704,	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	166,959 169,959 1.850,822 1.857,946 1.457,946 1.427,360 1.427,360 1.427,360 1.427,360 1.47,289 1.187,289 1.139,246	20.623.951 20.523.951 20.326.793 319.835.674 19.835.674 19.344.555 18.853.437 18.853.437 18.863.437	300,198 300,198 491,119 491,119 491,119 491,119 491,119 491,119 491,119 491,119	2,435,793 3,543,678 3,543,678 3,246,963 3,246,963 2,874,636 2,874,636 2,874,636 2,701,236 2,701,236 2,592,387
22 23 24 26 27 30 30 31 33 34 35 36 39 40 40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2009 2009 2010 2010 2010 2011 2011	21,092,458 21,092,458 20,797,967 20,302,520 19,802,655 19,802,655 19,802,655 19,802,655 19,300,300 18,798,545 18,798,545 18,798,545 18,296,790 17,735,762 17,735,762 17,735,762	268,347 268,347 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 500,344 501,755	2,634,066 4,507,079 4,507,079 4,507,079 4,128,443 3,475,512 3,475,512 3,475,512 3,475,512 3,478,248 4,183,218 2,646,618 2,646,618 2,529,913 2,410,045	36,369 36,369 35,792 27,122 27,122 28,878 25,212 24,546 24,546 24,546 23,880 23,213 23,213 22,547 22,547 21,880 21,880	5777 5777 566 666 666 666 666 666 666 66	5,114 5,114 8,379 5,890 5,289 5,289 5,289 5,289 4,453 4,453 4,453 4,453 4,453 3,469 3,388 3,388 3,388 3,3247 3,081 3,081	8,806,222 8,806,222 9,140,218 8,922,149 8,704,079	18,700 18,700 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669 218,669	169,959 169,959 1,850,822 1,855,7946 1,427,360 1,427,360 1,427,360 1,187,289 1,199,246 1,082,288	20,623,951 20,623,951 20,326,793 19,835,674 19,835,674 19,344,555 19,344,555 19,344,555 19,344,555 18,853,437 18,855,437 18,955,457,457,457,457,457,457,457,457,457,4	300,198 300,198 491,119 491,119 491,119 491,119 491,119 491,119 491,119 491,119	2,435,793 2,435,793 3,543,678 3,246,963 2,874,636 2,701,236 2,592,387 2,592,387 2,463,182 2,463,182
22 23 24 26 27 30 31 32 35 36 35 36 36 37 38 39 40 41 43 44		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2007 2008 2008 2009 2009 2010 2011 2011 2011 2012 2012	21,092,458 21,092,458 20,797,967 20,302,520 19,302,520 19,302,055 19,302,055 19,302,055 19,300,300 19,300,300 19,300,300 18,798,546 18,798,546 18,798,546 18,296,790 12,735,762 17,735,762	268,347 501,579 501,579 501,725 501,725 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755 501,755	2,654,066 4,507,079 4,128,443 4,128,443 3,4775,512 3,183,218 3,183,218 2,817,986 2,817,986 2,817,986 2,817,986 2,817,986 2,816,618 2,646,618 2,529,913 2,529,913	36,369 36,369 35,792 27,122 28,878 28,878 28,878 25,212 24,546 24,546 23,880 23,213 23,213 22,547 22,547 22,547 22,547	5777 577 886 666 666 666 666 666 666 666 666 6	5,114 5,114 8,379 5,890 5,289 5,289 4,453 4,077 4,077 3,609 3,388 3,388 3,388 3,388 3,247 3,247	8,806,222 9,140,218 9,140,218 8,922,149 8,922,149 8,922,149 8,922,149 8,922,149 8,922,149 8,922,140 8,927,940 8,267,940 8,267,940 8,267,940 8,049,871 8,049,871 8,049,871	18,700 18,700 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069 218,069	169,959 169,959 1.850,822 1.857,946 1.557,946 1.263,663 1.187,289 1.187,289 1.187,289 1.139,246 1.139,246	20.623.951 20.623.951 20.326.763 20.326.763 19.855.674 19.855.674 19.855.674 19.845.655 19.344.555 19.344.555 18.853.437 18.853.437 18.852.318 18.852.318 18.852.317	300,198 300,198 401,119 401,119 401,119 401,119 401,119 491,119 491,119 491,119 491,119 491,119	2,435,793 3,543,678 3,543,678 3,244,963 2,874,636 2,874,636 2,874,636 2,701,236 2,701,236 2,592,387 2,592,387 2,592,387

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1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC Formula Line		
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 1	1.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is th	e
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

		Details			h Mahwah K-3411 (			a 400 MVAR Capacito			- Athenia Upgrade Ci		Branchburg-Somm	erville-Flagtown Reco B0665)	onductor (B0664 &
10	"Yes" if a project under PJM	Details		Reconductor Sout	n Manwan K-3411 s	Lifourt (B1018)	Branchburg	a 400 MVAR Cabace	or (B0290)	Saddle Brook	- Athenia Uporade Ca	IDIE (BU4/2)		B06651	
	OATT Schedule 12. otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount														
	of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE	Increased ROE (Basis	Dointe)	0			0			0			0		
	From line 3 above if "No" on line	Increased from (Dasis	1 01113)	0						0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line														
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not														
17	yet classified - End of year balance	Investment		21 170 273			77 352 830			14 404 842			18 664 931		
1/	balaice			21,170,273			77,352,830			14,404,842			18,664,931		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		504,054			1,841,734			342,972			444,403		
	Months in service for														
19	depreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if CWIP)						2012						2012		
20	CHIF)	1		2011			2012			2012			2012		
					Depreciation			Depreciation			Depreciation			Depreciation	
					or			or			or			or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE W Increased ROE	2007 2007												
25		W Increased ROE W 11 68 % ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008												
28		W 11.68 % ROE W Increased ROE	2009 2009	I											
29		W Increased ROE W 11 68 % ROE	2009	1						1			1		
30		W 11.68 % ROE W Increased ROE	2010												
31		W 11 68 % ROE	2010	20.511.158	37.566	284.735									
32		W Increased ROE	2011	20,511,158	37,566	284,735									
33		W 11 68 % ROF	2012	21 132 707	504 054	3.677.641	79 937 194	1.240.233	9 062 770	14 401 477	210 412	1.537.549	19 820 557	318 342	2 326 229
34		W Increased ROF	2012	21,132,707	504,054	3,677,641	79,937,194	1,240,233	9,062,770	14,401,477	210,412	1,537,549	19,820,557	318 342	2,326,229
35		W 11.68 % ROE	2012	20.628.652	504,054	3.370.070	79,195,082	1,915,127	12.917.996	14,194,429	342.972	2,315,058	18,294,505	443.163	2,984,887
30		W Increased ROE	2013	20,628,652	504,054	3.370.070	79,195,082	1.915.127	12,917,996	14,194,429	342,972	2,315,058	18,294,505	443,163	2,984,887
37		W 11.68 % ROE	2013	20,020,032	504,054	2,983,683	77,279,955	1,915,127	11,437,086	13.851.457	342,972	2,049,664	17,903,425	444,403	2,650,353
39		W Increased ROE	2014	20,124,598	504,054	2,983,683	77,279,955	1,915,127	11,437,086	13.851.457	342,972	2,049,664	17,903,425	444,403	2,650,353
40		W 11.68 % ROE	2015	19.620.544	504,054	2,804,096	75.364.829	1,915,127	10,749,859	13,508,484	342,972	1,926,521	17,459,022	444,403	2,491,058
41		W Increased ROE	2015	19.620.544	504,054	2,804,096	75,364,829	1,915,127	10,749,859	13,508,484	342,972	1,926,521	17,459,022	444,403	2,491,058
41		W 11 68 % ROF	2015	19,116,490	504,054	2,691,625	70,419,117	1.842.970	9,901,291	13,165,512	342,972	1,820,521	17.014.619	444,403	2,391,449
42		W Increased ROE	2016	19,116,490	504,054	2,691,625	70,419,117	1.842.970	9,901,291	13,165,512	342,972	1,849,551	17,014,619	444,403	2,391,449
43		W 11 68 % ROE	2016	18,612,436	504,054	2,591,625	71,534,576	1,915,127	9,901,291	12.822.540	342,972	1,757,923	16.570.216	444,403	2,391,449
44		W Increased ROE	2017	18,612,436	504,054	2,557,912	71,534,576		9,808,871	12,822,540	342,972			444,403	2,272,904
		W 11.68 % ROE	2017	18,612,436	504,054	2,557,912	66.609.121	1,915,127 1.841,734	9,808,871 8,216,634	12,822,540	342,972	1,757,923	16,570,216 16,125,813	444,403	2,272,904
45		W Increased ROE	2018	18,108,382	504,054	2,237,137	66,609,121	1,841,734	8,216,634	12,479,567	342,972	1,537,343	16,125,813	444,403	1,987,742
47		TT IIIGIEdSEU ROE	2010	10,100,302	30%,054	2,237,137	00,009,121	1,041,734	0,210,034	12,4/9,30/	342,872	1,007,040	10,125,013	444,403	1,00/,/42

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#### Public Service Electric and Gas Company ATTACHMENT H-10A ment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

New Plant Carrying Cha	rge		
Fixed Charge Rate (FC	R) if		
IT HOL & CIAC	Formula Line		
A	152	Net Plant Carrying Charge without Depreciation	9.57%
в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
С		Line B less Line A	0.57%
FCR if a CIAC			
D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the RDE for the Northeast Grid Reliability Pr	oject is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1	, 2012.
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Lin	e 17 is the
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus of	

Attac

							i i								
							New Essex-Kearny 138	8 kV circuit and Kearr	y 138 kV bus tie						
10	"Yes" if a project under PJM	Details		Somerville-Bri	Idoewater Reconduct	or (B0668)		(B0814)		Salem 500	kV breakers (B141	0-B1415)	230kV Lawrence	e Switching Station U	oorade (B1228)
	OATT Schedule 12, otherwise			i			i								
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a			i i											
	lumpsum payment in the amount of the investment on line 29			i i											
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in		(												
14	ROE	Increased ROE (Basis	Points)	0			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if			i i											
15	"Yes" on line 13	11.68% ROF		9.57%			9.57%			9.57%			9.57%		
1.5	Line 14 plus (line 5 times line	11.00 /01/01		2.21 %			2.21 /0			a.ar n			2.21 %		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
1	Service Account 101 or 106 if not			i			1								
1	yet classified - End of year balance			i			1								
17	baiance	Investment		6,390,403			46,035,637			15,865,267			21,736,918		
		Annual Depreciation		i i											
18	Line 17 divided by line 12	or Amort Exp		152,152			1,096,087			377,744			517,546		
	Months in service for			i i											
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2012			2012			2011			2013		
							i	B			B			B	
21			Invest Yr		Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	chung	Amontization	Revenue	chung	Amortization	Revenue	Linding	Amonteation	Refende	Linding	Amontalation	Revenue
23		W Increased ROE	2006	i i											
24		W 11.68 % ROE	2007	i i											
25		W Increased ROE	2007	i i											
26		W 11.68 % ROE	2008	i i											
27		W Increased ROE	2008	i i											
28		W 11.68 % ROE	2009	1			1								
29		W Increased ROE	2009	1			1								
30		W 11.68 % ROE W Increased ROE	2010 2010	1			1								
31		W 11 68 % ROE	2010	1			1			2.640.253	9.537	73.000			
32		W Increased ROE	2011	1			1			2,640,253	9,537	73,000			
34		W 11.68 % ROE	2012	4.404.012	57.853	422.751	22 800 866	123.008	898.857	7.275.941	108,279	790.336			
35		W Increased ROE	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	7,275,941	108,279	790,336			
36		W 11.68 % ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
37		W Increased ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
35		W 11.68 % ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
39		W Increased ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
40		W 11.68 % ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,327	524,777	3,017,865
41		W Increased ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,327	524,777	3,017,865
42		W 11.68 % ROE	2016	5,877,066	152,152	824,687	42,662,264	1,096,665	5,978,667	14,899,633	378,036	2,083,057	20,438,822	517,546	2,856,436
43		W Increased ROE	2016	5,877,066	152,152	824,687	42,662,264	1,096,665	5,978,667	14,899,633	378,036	2,083,057	20,438,822	517,546	2,856,436
44		W 11.68 % ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781
		W Increased ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781
45															
45		W 11.68 % ROE W Increased ROE	2018 2018	5,572,761 5,572,761	152,152 152,152	685,500 685,500	40,444,309 40,444,309	1,096,087	4,966,854	14,131,308 14,131,308	377,744 377,744	1,730,197 1,730,197	19,396,499 19,396,499	517,546 517,546	2,373,909 2,373,909

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#### Public Service Electric and Gas Company ATTACHMENT H-10A ment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula Li		
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	
		to monitrate uge dualice non-parative of and energy will be non-terror monitrate be anothered in year play one.	

Attach

10	3	Details		Branchburg-M	liddlesex Switch R	ack (B1155)	Aldene-Spring	field Rd. Convers	sion (B1399)	Upgrade Camde	en-Richmond 230kV	/ Circuit (B1590)	Susquehanna	Roseland Breakers (b04	89.5-B0489.15)
	"Yes" if a project under PJM OATT Schedule 12, otherwise						1								
11		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a						1								
	lumpsum payment in the amount of the investment on line 29.						1								
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis	Dointe)	0			0			0			125		
	From line 3 above if "No" on line	noreases not (basis	r onnay	Ŭ			, v			, i i i i i i i i i i i i i i i i i i i			125		
16	13 and From line 7 above if "Yes" on line 13			9.57%			9.57%			9.57%					
15	Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16		FCR for This Project		9.57%			9.57%			9.57%			10.28%		
	Service Account 101 or 106 if not vet classified - End of year						1			1					
17	yet classified - End of year balance	Investment		62,937,256			72.380.453			11,276,183			5.857.687		
1 "		Annual Depreciation		02,001,200		1	. 2,000,400			.1,210,100			0,001,001		
15	Line 17 divided by line 12	or Amort Exp		1.498.506			1 723 344			268.481			139,469		
10	Months in service for			1,450,500			1.723.344			200.401			130.400		
15	<ul> <li>depreciation expense from Year placed in Service (0 if</li> </ul>			13.00			13.00			13.00			13.00		
20				2013			2014			2014			2010		
							1								
					Depreciation or		1	Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE W Increased ROE	2006				1								
23		W Increased ROE W 11.68 % ROE	2006 2007				1								
25		W Increased ROE	2007				1								
26		W 11.68 % ROE	2008				1								
27		W Increased ROE	2008				1								
28		W 11.68 % ROE W Increased ROE	2009 2009				1								
29		W 11.68 % ROE	2009				1						2 662 585	7.802	70.915
31		W Increased ROE	2010				1						2,662,585	7,802	70,915
32		W 11.68 % ROE	2011				1						5,849,885	116,061	966,188
33		W Increased ROE	2011				1			1			5,849,885	116,061	1,014,845
34		W 11.68 % ROE W Increased ROE	2012 2012				1						5,733,823 5,733,823	139,469 139,469	1,000,541
35		W Increased ROE W 11.68 % ROE	2012	20.876.286	101.812	695.908	1			1			5,733,823	139,469	1,051,531 916,713
30		W Increased ROE	2013	20,876,286	101,812	695,908	1			1			5,594,354	139,469	967.047
38	1	W 11.68 % ROE	2014	60,374,269	1,439,907	8,878,852	68,405,611	556,909	3,438,903	7,389,782	37,992	234,599	5,454,886	139,469	811,586
39		W Increased ROE	2014	60,374,269	1,439,907	8,878,852	68,405,611	556,909	3,438,903	7,389,782	37,992	234,599	5,454,886	139,469	859,361
40		W 11.68 % ROE	2015	61,346,085	1,497,329	8,688,697	71,213,315	1,708,815	10,056,881	11,126,578	265,823	1,570,150	5,315,417	139,469	762,575
41		W Increased ROE W 11.68 % ROE	2015 2016	61,346,085 65,275,261	1,497,329 1.626.531	8,688,697 9.096,222	71,213,315 70,112,484	1,708,815	10,056,881 9,746,523	11,126,578 10,972,368	265,823 268,481	1,570,150	5,315,417 5,175,948	139,469 139,469	808,174 731,772
43		W Increased ROF	2016	65.275.261	1,626,531	9,096,222	70,112,484	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948	139,469	776,124
43		W 11.68 % ROE	2016	63.648.517	1,626,495	8.650.024	68.474.262	1,724,855	9,746,523	10,972,368	268,300	1,449,606	5.036.479	139,469	695.238
45		W Increased ROE	2017	63.648.517	1,626,495	8.650.024	68,474,262	1,724,855	9,280,898	10,705,213	268,300	1,449,606	5.036.479	139,469	737,976
40		W 11.68 % ROE	2018	56,645,182	1,498,506	6,919,796	66,666,584	1,723,344	8,103,744	10,435,588	268,481	1,267,230	4,897,011	139,469	608,143
		W Increased ROE	2018	56.645.182	1.498.506	6.919.796	66.666.584	1.723.344	8.103.744	10.435.588	268.481	1.267.230	4.897.011	139,469	642.820

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1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula Line		
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
9		13 month average balance from Atlach 6a, and Line 19 will be number of months to be amortized in year plus one.	
		13 month average balance from Attach, oa, and Line 19 will be number of months to be amortized in year plus one.	

10		Details		Susquehan	na Roseland < 500KV (	B0489.4)	Susquehanna	Roseland > 500KV	(B0489)	Burlington - Can	nden 230kV Conve	rsion (B1156)	Mickleton-Glou	cester-Camden(B	1398-B1398.7)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	125			125			0			0		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		10.28%			10.28%			9.57%			9.57%		
	yet classified - End of year balance	Investment		40,538,248			720,620,844			356,333,540			439,384,743		
		Annual Depreciation													
	Line 17 divided by line 12 Months in service for	or Amort Exp		965,196			17,157,639			8,484,132			10,461,542		
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			12.99		
	CWIP)			2011			2012			2011			2013		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007 2007												
25 26		W Increased ROE W 11.68 % ROE	2007 2008												
20		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011	7,844,331	111,778	905,525				19,902,939	147,204	1,150,144			
33		W Increased ROE	2011	7,844,331	111,778	952,449				19,902,939	147,204	1,150,144			
34		W 11.68 % ROE	2012	7,628,074	184,491	1,331,330	4,694,511	8,598	62,828	19,848,511	475,501	3,452,558			
35		W Increased ROE	2012	7,628,074	184,491	1,399,243	4,694,511	8,598	66,040	19,848,511	475,501	3,452,558			0 700
36		W 11.68 % ROE W Increased ROE	2013 2013	6,391,895 6,391,895	159,242 159,242	1,047,292 1,104,801	25,426,870 25,426,870	605,606 605,606	4,138,257 4,367,027	118,115,741	2,827,106 2.827,106	19,237,368 19,237,368	777,714	1,424 1,424	9,736 9,736
37 38		W Increased ROE W 11.68 % ROE	2013	40.082.737	717,210	4,387,056	25,426,870	10.160.548	4,367,027 62,692,814	118,115,741 333,325,376	2,827,106	19,237,368	83.696.796	1,424 854,944	9,736 5.279.191
30		W Increased ROE	2014	40,082,737	717,210	4,647,913	666.963.000	10,160,548	66.426.879	333.325.376	6.107,990	37,392,933	83,696,796	854,944	5,279,191
40		W 11.68 % ROE	2014	39,365,526	965,196	5,579,868	711,440,230	16,714,518	97,780,708	346,271,067	8,256,393	47,814,854	436,685,203	6,739,741	39,857,912
41		W Increased ROE	2015	39,365,526	965,196	5,917,569	711,440,230	16,714,518	103,713,135	346,271,067	8,256,393	47,814,854	436,685,203	6,739,741	39,857,912
42		W 11.68 % ROE	2016	38,400,330	965,196	5,359,489	694,520,844	17,213,677	96,796,429	338,712,254	8,485,957	47,233,422	430,951,154	10,495,692	60,066,502
43		W Increased ROE	2016	38,400,330	965,196	5,688,534	694,520,844	17,213,677	102,755,603	338,712,254	8,485,957	47,233,422	430,951,154	10,495,692	60,066,502
44		W 11.68 % ROE	2017	37,435,134	965,196	5,096,113	678,154,289	17,211,186	92,044,606	330,265,484	8,488,706	44,933,061	421,661,646	10,462,931	56,992,730
45		W Increased ROE	2017	37,435,134	965,196	5,413,780	678,154,289	17,211,186	97,799,286	330,265,484	8,488,706	44,933,061	421,661,646	10,462,931	56,992,730
46		W 11.68 % ROE	2018	36,469,937	965,196	4,455,592	658,706,710	17,157,639	80,199,899	321,544,683	8,484,132	39,257,924	410,830,010	10,453,391	49,741,703
47		W Increased ROE	2018	36,469,937	965,196	4.713.850	658,706,710	17.157.639	84.864.454	321.544.683	8.484.132	39.257.924	410.830.010	10.453.391	49,741,703

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1

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) i if not a CIAC	f		
	Fo	rmula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.9	1%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

10		Details		North Central R	eliability (West Or (B1154)	ange Conversion	Northeast Grid R	eliability Project	(B1304.1-B1304.4)	Northeast Grid	1 Reliability Project	(B1304.5-B1304.21)		rgen - Marion 138 I nd associated sub (B2436.10)	
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
11		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12		Life		42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount of the investment on line 29.														
13		CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in														
14	ROE From line 3 above if "No" on line	Increased ROE (Basis I	Points)	0			25			25			0		
	13 and From line 7 above if														
15		11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.71%			9.71%			9.57%		
	vet classified - End of year														
17		Investment		370,006,995			625,390,228						174,969,351		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		8,809,690			14.890.244						4.165.937		
10	Months in service for			0,009,090			14,000,244						4,100,037		
19	depreciation expense from			13.00			13.00						12.99		
20	Year placed in Service (0 if CWIP)			2012			2013			2016			2016		
20	0111)	1		2012			2013			2016			2016		
					Depreciation			Depreciation						Depreciation	
			Invest Yr	Ending	or Amortization	Revenue	Ending	or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	or Amortization	Revenue
21 22		W 11.68 % ROE	2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Kevenue	Ending	Amortization	Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28 29		W 11.68 % ROE W Increased ROE	2009 2009												
29		W 11.68 % ROE	2009												
30		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012	16,441,748	30,113	220,046									
35		W Increased ROE	2012	16,441,748	30,113	220,046									
36		W 11.68 % ROE W Increased ROE	2013 2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	592,253						
37		W Increased ROE W 11.68 % ROE	2013 2014	257,640,264 360,673,484	6,135,009 7,742,354	41,929,935 47,135,528	23,466,022 274,113,325	86,647 2.382.627	598,801 14,708,781						
38		W Increased ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,708,781						
40		W 11.68 % ROE	2014	355.885.266	8.777.921	50.370.637	433.597.024	7.852.675	46,296,391				-		
41		W Increased ROE	2015	355,885,266	8.777.921	50.370.637	433.597.024	7.852.675	46.859.053				-		
42		W 11.68 % ROE	2016	347,072,992	8,805,472	48,529,997	615,905,487	12,804,341	73,330,415	352,027,464	8,381,606	48,665,417	178,685,539	2,436,719	14,148,115
43		W Increased ROE	2016	347,072,992	8,805,472	48,529,997	615,905,487	12,804,341	74,236,857	352,027,464	8,381,606	49,268,709	178,685,539	2,436,719	14,148,115
44		W 11.68 % ROE	2017	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	80,887,339	351,791,077	8,375,978	47,195,653	173,780,513	4,177,297	23,318,838
45		W Increased ROE	2017	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	81,902,152	351,791,077	8,375,978	47,792,699	173,780,513	4,177,297	23,318,838
46		W 11.68 % ROE	2018	329,702,206	8,809,690	40,364,207	587,359,389	14,890,244	71,104,128	-	-		168,355,336	4,162,710	20,262,866
47		W Increased ROE	2018	329,702,206	8,809,690	40,364,207	587,359,389	14,890,244	71,935,992	-	-	-	168,355,336	4,162,710	20,262,866

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1	New Plant Carrying Cha	irge		
2	Fixed Charge Rate (FC if not a CIAC	R) if		
3	А	152	Net Plant Carrying Charge without Depreciation	9.57%
4	в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	С		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is	11.93%,
-			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is I	the
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	
			to monorave age balance non year or an enter to win be named or monard to be anothered in year place ore.	

10		Details		to 345 kV ar	rion - Bayonne *L nd any associated pgrades (B2436.21	substation	Convert the Marion 345 kV and any a	n - Bayonne "C" 1: ssociated substati (B2436.22)			w Bayway - Bayonn ted substation upor			ew North Ave - Ba associated substa (B2436.34)	
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
11		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29.														
13		CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis I	Dointo)				0			0			0		
14	From line 3 above if "No" on line	Increased ROE (Basis I	-ouns)	0			0			0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
10	Service Account 101 or 106 if not	n on nar mis Project		2.57%			a.al 76			a.a/76			2.3176		
	yet classified - End of year														
17	balance	Investment		68,319,997			49,614,813			162,329,270			120,922,525		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		1,626,667			1,181,305			3,864,983			2,879,108		
19	Months in service for depreciation expense from			11.76			11.01			11.05			9.18		
19	Year placed in Service (0 if			11.76			11.01			11.05			9.16		
20	CWIP)			2016			2016			2015			2018		
					Depreciation										
					or			Depreciation or			Depreciation or			Depreciation or	
21		W 11.68 % ROE	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE W 11.68 % ROE	2008 2009												
28 29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011										1		
33		W Increased ROE	2011												
34 35		W 11.68 % ROE W Increased ROE	2012 2012												
35		W 11 68 % ROE	2012										1		
30		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015							225,037	412	2,441	1		
41		W Increased ROE W 11.68 % ROE	2015 2016	23.849.835	322.903	1.874.846	23.849.835	322.903	1.874.846	225,037 349,923	412 8.202	2,441 47.577			
42 43		W Increased ROE	2016	23,849,835	322,903	1,874,846	23,849,835	322,903	1,874,846	349,923	8,202	47,577			
43		W Increased ROE W 11.68 % ROE	2016	23,849,835	322,903 572,715	1,874,846	23,849,835	322,903	1,874,846	349,923	8,202	47,577	1		
45		W Increased ROE	2017	24,121,486	572,715	3,199,550	24,121,486	572,715	3,199,550	15.071.025	193,511	1.090.341			
46		W 11.68 % ROE	2018	67,424,378		7,311,454	48,719,195	1,000,282	4,948,493	162,127,145	3,286,469	16,480,496	120,922,525	2,033,349	10,206,715
47		W Increased ROE	2018	67,424,378	1,472,017	7,311,454	48,719,195	1,000,282	4,948,493	162,127,145	3,286,469	16,480,496	120,922,525	2,033,349	10,206,715

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1	1 New Plant Carrying Charge		
2	2 Fixed Charge Rate (FCR) if if not a CIAC		
	Formula		
3	3 A 152	Net Plant Carrying Charge without Depreciation 9.57%	
4	4 B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation 10.14%	
5	5 C	Line Bless Line A 0.57%	
6	6 FCR if a CIAC		
7	7 D 153	Net Plant Carrvino Charoe without Depreciation. Return. nor Income Taxes 1.47%	
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8	8	Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9	9	For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

OAT 11 "No" 12 Useful "Yes" lump of the input 13 Othe input 14 ROE From 13 ar 15 "Yes" Line 16 15/17 balar 18 Line Mont 19 denv	whill like of the orcifient set if the customer has pid a the propum payment in the anount the investment on the anount the investment on the functions on the allowed in the's on the allowed in the's on the allowed in the's and from time 2 above if if and from time 2 above if and from time 2 above if and from time 2 above if the allowed in the anount of the allowed in the anount (the allowed in the allowed in the chaseling is a structure of the above for the allowed in the structure of the allowed in the allowed in the allowed in the structure of the allowed in the allowed in the allowed in the structure of the allowed in	Life	(Yes or No) (Yes or No) aints)	Yes 42 No 0 9.57% 63,112,389 1.502,676			Yes 42 No 9.57% 9.57% 49.352,658			Yes 42 No 9.57% 9.57%			Yes 42 No 9.57% 9.57%		
11 "No" 12 Usefi "Yes" lump of the 10 Othe Input 13 of the 13 of the 14 ROE From 15 "Yes" Line 16 15/1 Servi yet of 17 balar 18 Line Mont 19 deon Year	or end life of the croiect est if the customer has paid a est if the customer has paid provides the amount hereines the amount the allowed increase in est on the allowed increase in a formation to a est on the allowed increase in a formation to a customer and the amount of the allowed increase in est on the allowed increase in a formation of the analysis increase and the amount of the allowed increase in amount est of divided by line 12 others for a for a for a placed in Service (or a placed in Service (or and the allowed on the allowed on the est of divided by line 12 others in an and the allowed on the allowed on the est of divided by line 12 others in an allowed on the allowed on the est of divided by line 12 others in an allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the allowed on the est of the allowed on the allowed on the allowed on the allowed on the est of the allowed on t	Life CIAC Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation	(Yes or No)	42 No 9.57% 9.57% 63,112,389			42 No 9.57% 9.57%			42 No 9.57%			42 No 0 9.57%		
"Yes" lump of the 13 Othe Input 14 ROE From 13 ar 15 "Yes" Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deon Year	set if the customer has paid a the investment on line 29, used to the answer of the answer of the investment on line 29, used a line 20 of the 20 of the and if the 10 of the and if the 10 of the investment of the investment of the investment of the investment of the investment of the investment of the investment of the investment of the investment of investment of investmen	CIAC Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation		No 0 9.57% 9.57% 63,112,389			No 0 9.57% 9.57%			No 0 9.57%			No 0 9.57%		
lump of the 13 Ofthe Input 14 ROE From 13 ar 15 "Yes" Line 16 15)/1 Serviry yet cl 17 balar 18 Line Mont 19 deon Year	nepum payment in the amount interview that increase in the investment on time 29, the allowed increase in our hand statuwed in the above if and from line 7 above if all of the pay (line 5 times line 1/00 //00 //00 //00 //00 //00 //00 //0	Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation		0 9.57% 9.57% 63,112,389			0 9.57% 9.57%			0 9.57%			0 9.57%		
of the 13 Othe Input 14 ROE From 13 ar 15 "Yes" Line 16 15)/1 Servi yet d 17 balar 18 Line Mont 19 deon Year	the investment on line 29, us the allowed increase in our the allowed increase in on all cross line 7 above if and a cross line 7 above if are 1 above if are 1 above if are 1 above if are 1 above if a t 4 pbus (line 5 times line vrice Account 101 or 106 if not classified - End of year ance in the 12 above is a service in to oriectation expense from a pladed in Service () of	Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation		0 9.57% 9.57% 63,112,389			0 9.57% 9.57%			0 9.57%			0 9.57%		
13 Other Input 14 ROE From 13 ar 15 "Yes" Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deom Year	herevise TwO" we the allowed in (TwO" on line and From line 7 above if a sino line 17 above if a sino line 17 above if a sino line 13 above if a sino line 13 above if a sino line 13 above if a sino line 10 above if a sino line 12 above i	Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation		0 9.57% 9.57% 63,112,389			0 9.57% 9.57%			0 9.57%			0 9.57%		
Input 14 ROE From 13 ar 15 "Yes" Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deon Year	ut the allowed increase in DE SE som line 3 above if Nor on line and From line 7 above if set on line 13 is 14 plus (line 5 times line V100 ruce Account 101 or 106 if not classified - End of year lance ie 17 divided by line 12 rufts in service for preciation expense from a placed in Service (0 if	Increased ROE (Basis Po 11.68% ROE FCR for This Project Investment Annual Depreciation		0 9.57% 9.57% 63,112,389			0 9.57% 9.57%			0 9.57%			0 9.57%		
From 13 ar 15 "Yes" 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deon Year	m line 3 above if Nor on line and From line 7 above if set on line 13 to 14 plus (line 5 times line 1/100 rice Account 101 or 106 if not classified - End of year lance in 17 divided by line 12 rofts in service for oreciation expense from a placed in Service (0 if	11.68% ROE FCR for This Project Investment Annual Depreciation	pints)	9.57% 9.57% 63,112,389			9.57%			9.57%			9.57%		
13 ar 15 "Yes" Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deore Year	and From line 7 above if set on line 13 e 14 plus (line 5 times line /100 ruice Account 101 or 106 il not classified - End of year ance e 17 divided by line 12 rufts in service for preciation excense from a placed in Service (0 if	FCR for This Project Investment Annual Depreciation		9.57% 63,112,389			9.57%								
15 "Yes" Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deore Year	est on line 13 ie 14 plus (line 5 times line y100 rvice Account 101 or 106 if not classified - End of year lance ie 17 divided by line 12 rvths in service for preciation excense from ar placed in Service (0 if	FCR for This Project Investment Annual Depreciation		9.57% 63,112,389			9.57%								
Line 16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deore Year	te 14 plus (line 5 times line y/100 truice Account 101 or 106 if not classified - End of year ance te 17 divided by line 12 orteciation expense from ar placed in Service (of if	FCR for This Project Investment Annual Depreciation		9.57% 63,112,389			9.57%								
16 15)/1 Servi yet cl 17 balar 18 Line Mont 19 deptr Year	(100 rvice Account 101 or 106 if not classified - End of year lance that for the service for preciation expense from ar placed in Service (0 if	Investment Annual Depreciation		63,112,389						9.57%			9.57%		1
Servi yet cl 17 balar 18 Line Mont 19 depre Year	rvice Account 101 or 106 if not classified - End of year ance le 17 divided by line 12 withs in service for preciation expense from ar placed in Service (0 if	Investment Annual Depreciation		63,112,389						a.a. a			a.a. m		
yet cl 17 balar 18 Line Mont 19 deore Year	ance ance a 17 divided by line 12 white in service for preciation expense from ar placed in Service (0 if	Annual Depreciation					49,352,658								
18 Line Mont 19 deore Year	te 17 divided by line 12 onths in service for preciation expense from ar placed in Service (0 if	Annual Depreciation					49,352,658								
Mont 19 depre Year	onths in service for preciation expense from ar placed in Service (0 if			1,502,676						88,981,836			45,611,902		
Mont 19 depre Year	onths in service for preciation expense from ar placed in Service (0 if			1,502,676											
Mont 19 depre Year	onths in service for preciation expense from ar placed in Service (0 if			1,502,676			1.175.063			2.118.615			1.085.998		
Year	ar placed in Service (0 if						1,175,063			2,110,015			1,065,996		
				9.39			10.22			10.37			12.64		
20 CWI															
	V⊮)			2018			2015			2015			2015		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE W 11.68 % ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007												
25		W 11.68 % ROE	2007												
20		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011	1			1								
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
35		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
35		W 11.68 % ROE	2014												
39		W Increased ROE W 11.68 % ROE	2014 2015				225.037	412	2,441	225.037	412	2.441	225.037	412	2.441
40		W 11.68 % ROE W Increased ROE	2015				225,037	412	2,441	225,037	412	2,441	225,037	412	2,441
41		W Increased ROE W 11.68 % ROE	2015 2016	1			225,037 349,923	412 8.202	2,441 47.577	225,037 349.923	412 8.202	2,441 47.577	225,037 723,468	412 12.273	2,441 71.227
42															
43		W Increased ROE W 11.68 % ROE	2016 2017				349,923	8,202	47,577	349,923	8,202	47,577	723,468	12,273 338,724	71,227
44							48,229,026	259,831	1,464,046	15,071,025	193,511	1,090,341	24,740,340		1,908,566
45		W Increased ROE	2017				48,229,026	259,831	1,464,046	15,071,025	193,511	1,090,341	24,740,340	338,724	1,908,566
45		W 11.68 % ROE W Increased ROE	2018 2018	63,112,389 63,112,389	1,084,893 1,084,893	5,445,790 5,445,790	49,084,212 49,084,212	924,196 924,196	4,618,938 4,618,938	88,779,710 88,779,710	1,690,667	8,471,130 8,471,130	45,260,492 45,260,492	1,055,752	5,266,819 5,266,819

1	New Plant Carrying Charge			Page 11 of 23
2	Fixed Charge Rate (FCR) if if not a CIAC			
	Formula Line			
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%	
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	C	Line B less Line A	0.57%	
6	FCR if a CIAC			
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%	
		The FCR resulting from Formula in a given year is used for that year only.		
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.		
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability	y Project is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Januar	ry 1, 2012.	
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects.	Line 17 is the	
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plu	us one.	

10		Details		to 345 kV and	/way - Linden "Z" d any associated : grades (B2436.83	substation	to 345 kV an	/way - Linden "W d any associated grades (B2436.8-	substation	to 345 kV ar	nyway - Linden "M nd any associated pgrades (B2436.85	substation	circuits to M	agut - Hudson "B" arion 345 kV and a ation upgrades (B2	ny associated
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount														
	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)												
13	Input the allowed increase in	CMC	(tes or No)	No			No			No			No		
14	ROE	Increased ROE (Basis	Points)	0			0			0			0		
	From line 3 above if "No" on line														
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
15	Line 14 plus (line 5 times line	11.08% RUE		9.57%			9.57%			9.57%			9.57%		
16		FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not														
	yet classified - End of year														
17	balance	Investment		45,611,902			45,234,044			45,234,044			38,401,188		
		Annual Depreciation													
18		or Amort Exp		1,085,998			1,077,001			1,077,001			914,314		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			12.64			12.96			12.96			11.44		
20	CWIP)			2015			2015			2015			2016		
					Depreciation or			Depreciation or			Depreciation			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22															
23		W 11.68 % ROE	2006				Ending		Revenue	Linding			Ending		Revende
		W Increased ROE	2006				Linding		nevenue	Linding			Ending		Revenue
24		W Increased ROE W 11.68 % ROE	2006				Ending		Nevende	Linding			Entiting		Revenue
24 25		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007				Linding		Revenue	Litting			Litting		Revenue
24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008				Litting		Revende	Litting			Litang		Revenue
24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008				Litting		Revende	Litting			Litting		Revenue
24 25 26 27 28		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008				Litting		levende	Litting			Chung		Revenue
24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008				Litting			Litung			Liting		Revenue
24 25 26 27 28 29		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009				Litens			Litenty			Litens		Revenue
24 25 26 27 28 29 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011				Liteng			Litenty			Litens		Revenue
24 25 26 27 28 29 30 31		W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2010 2011 2011				Liteng			Liony			Liteng		Revenue
24 25 26 27 28 30 31 31 32 33 34		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011				Living			Living			Living		Revenue
24 25 26 27 28 30 31 31 32 33 34 35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE	2006 2007 2008 2008 2009 2010 2010 2011 2011 2011 2011 2012 2012				Living			Living			Living		
24 25 26 27 30 31 32 33 34 35 36		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2011				Living			Living			Living		
24 25 26 27 30 31 32 33 34 35 36 35 37		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012												
24 25 26 27 30 30 31 32 33 34 35 35 35 36 37 38		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 11.68 % ROE W 11.68 % ROE	2006 2007 2007 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012												
24 25 26 27 30 31 32 33 34 35 36 35 37		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	225.037	412	2.441	225.037	412	2.441	225.037	412	2.441			
24 25 26 27 30 30 31 32 33 34 35 35 35 36 37 38 39 39		W Increased ROE W 11.68 % ROE	2006 2007 2008 2008 2009 2010 2010 2011 2011 2011 2012 2012		412 412	2,441 2,441									. Kevenue
24 25 26 27 30 31 32 33 34 35 36 37 38 37 38 39 40		W Increased ROE W 11.83 % ROE W Increased ROE W 11.83 % ROE W 11.63 % ROE	2006 2007 2007 2008 2009 2009 2010 2010 2011 2011 2012 2012	225,037 225,037 723,468			225,037	412	2,441	225,037	412	2,441	28,441,681	387,893	2,252,189
24 25 26 27 30 31 32 33 34 35 36 37 38 39 40 41		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2011 2012 2012 2013 2014 2014 2015 2015	225,037	412	2,441	225,037 225,037	412 412	2,441 2,441	225,037 225,037	412 412	2,441 2,441			
24 25 26 27 31 32 34 35 36 36 37 38 39 40 41 42		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2009 2009 2010 2011 2011 2011 2012 2012	225,037 723,468	412 12,273	2,441 71,227	225,037 225,037 723,468	412 412 12,273	2,441 2,441 71,227	225,037 225,037 723,468	412 412 12,273	2,441 2,441 71,227	28,441,681	387,893	2,252,189
24 25 26 27 30 31 32 33 34 35 36 36 37 38 39 40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2010 2010 2010 2011 2011 2012 2013 2013	225,037 723,468 723,468	412 12,273 12,273 338,724 338,724	2,441 71,227 71,227	225,037 225,037 723,468 723,468	412 412 12.273 485.767 485.767	2,441 2,441 71,227 7,737,100 2,737,100	225.037 225.037 723.468 36.209.684 36.209.684	412 412 12.273 12.273 485.767	2,441 2,441 71,227 7,737,100 2,737,100	28,441,681 28,441,681	387,893 387,893	2,252,189 2,252,189
24 25 26 27 30 31 32 33 35 36 36 37 38 39 40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2009 2009 2010 2011 2011 2011 2011 2012 2012	225,037 723,468 723,468 24,740,340	412 12,273 12,273 338,724	2,441 71,227 71,227 1,908,566	225,037 225,037 723,468 723,468	412 412 12,273 12,273 455,767	2,441 2,441 71,227 7,12,27 2,737,100	225.037 225.037 723.468 723.468	412 412 12,273 12,273 485,767	2,441 2,441 71,227 7,12,27	28,441,681 28,441,681 28,907,314	387,893 387,893 688,867	2,252,189 2,252,189 3,843,98

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1	New Plant Carrying Ch	arge		
2	Fixed Charge Rate (F if not a CIAC	. ,		
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent y	ears.
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid	Reliability Project is 11.93%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effect	live January 1, 2012.
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission	n Projects, Line 17 is the
			13 month suprame balance from Attach, 6a, and Line 19 will be number of months to be amortized	in year new one

				Relocate the H	idson 2 generation	a to inject into									
10		Details		the 345 kV a	t Marion and any a orades (B2436.91	associated		345/230 kV transfo ubstation upgrade			5/138 kV transform ubstation upgrades			345/138 kV transfor substation upgrade	
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0			0			0			0		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	yet classified - End of year balance	Investment		24,812,999			26,819,837			26,819,837			15,574,675		
		Annual Depreciation													
18	Line 17 divided by line 12 Months in service for	or Amort Exp		590,786			638,568			638,568			370,826		
19	depreciation expense from Year placed in Service (0 if			12.99			13.00			13.00			12.95		
20	CWIP)			2016			2016			2016			2015		
					Depreciation										
					or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE W Increased ROE	2006												
23 24		W Increased ROE W 11.68 % ROE	2006												
24		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009	1			1								
30		W 11.68 % ROE W Increased ROE	2010												
31		W Increased ROE W 11.68 % ROE	2010												
32 33		W Increased ROE	2011												
33		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014										005 007		
40		W 11.68 % ROE	2015										225,037	412	2,441
41		W Increased ROE W 11.68 % ROE	2015 2016	23.849.835	322.903	1.874.846	27.523.727	407.024	2.363.328	27.523.727	407.004	2.363.328	225,037 349,923	412 4,465	2,441 25.899
42		W 11.68 % ROE W Increased ROE	2016	23,849,835	322,903	1,874,846	27,523,727	407,034 407.034	2,363,328	27,523,727	407,034 407,034	2,363,328	349,923	4,465	25,899
43				23,049,835	322,903	1,074,846	27,523,727 25,328.064	407,034	2,363,328	27,523,727 25.328.064	407,034	2,363,328	349,923	4,465	25,899
44		W 11.68 % ROE W Increased ROE	2017												
44 45 46		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2017 2017 2018	24.490.096	590.341	2.932.429	25,328,064 25,328,064 25,802,041	610,761 638,561	3,405,679	25,328,064 25,802,041	610,761 638,561	3,405,679	15,071,025	193,511 369,378	1,090,341

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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1	New Plant Carrying Cha	arge		
2	Fixed Charge Rate (Fo if not a CIAC	CR) if		
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent yea	rs.
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid R	eliability Project is 11.93%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective	e January 1, 2012.
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission P	rojects, Line 17 is the
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in	year plus one.

10		Details		New Bayway 345	/138 kV transform station upgrade			345/230 kV transf substation upgrad			a 345/69 kV transfor ubstation upgrades		Upgrade Eagl	e Point-Gloucester (B1588)	230kV Circuit
10	"Yes" if a project under PJM OATT Schedule 12. otherwise	Details								0330010100 3		102407.007		101000	
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12		Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	From line 3 above if "No" on line	Increased ROE (Basis	Points)	0			0			0			0		
15	13 and From line 7 above if "Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	yet classified - End of year balance	Investment		15,574,675			20,678,337			15,251,024			12,087,537		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		370.826			492.341			363.120			287.798		
19	Months in service for depreciation expense from														
	Year placed in Service (0 if			12.95			12.13			10.55			13.00		
20	CWIP)			2015			2017			2018			2015		
					Depreciation										
21			Invest Yr	Ending	or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
21		W 11.68 % ROE	2006	Ending	Amortization	Revenue	Ending	Amoruzation	Revenue	Ending	Amortization	Revenue	Ending	Amoruzation	Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE W Increased ROE	2007												
25 26		W 11.68 % ROE	2007												
20		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010 2011												
32		W 11.68 % ROE W Increased ROE	2011 2011												
33															
35		W 11 68 % ROF	2012												
35		W 11.68 % ROE W Increased ROE	2012 2012												
37		W Increased ROE W 11.68 % ROE W Increased ROE	2012 2013 2013												
38		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2012 2013 2013 2014												
38 39		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2012 2013 2013 2014 2014	205.027									44 000 240	246.404	4 000 007
38 39 40		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2012 2013 2013 2014 2014 2014 2015	225,037	412	2,441							11,980,348	216,491	1,282,387
38 39 40 41		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2012 2013 2013 2014 2014 2015 2015	225,037	412	2,441	2 241 267	24.426	141 823				11,980,348	216,491	1,282,387
38 39 40 41 42		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2012 2013 2013 2014 2014 2015 2015 2015 2016	225,037 349,923	412 4,743	2,441 27,513	2,241,267	24,426	141,823 141 823				11,980,348 11,871,005	216,491 287,798	1,282,387 1,646,241
38 39 40 41		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE	2012 2013 2013 2014 2014 2015 2015 2016 2016	225,037 349,923 349,923	412 4,743 4,743	2,441 27,513 27,513	2,241,267	24,426	141,823				11,980,348 11,871,005 11,871,005	216,491 287,798 287,798	1,282,387 1,646,241 1,646,241
38 39 40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2012 2013 2013 2014 2014 2015 2015 2015 2016	225,037 349,923 349,923 15,071,025	412 4,743 4,743 193,511	2,441 27,513 27,513 1,090,341	2,241,267 58,015,888	24,426 871,281	141,823 4,909,357				11,980,348 11,871,005 11,871,005 11,583,195	216,491 287,798 287,798 287,722	1,282,387 1,646,241 1,646,241 1,565,912
38 39 40 41 42 43 44		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2012 2013 2013 2014 2014 2015 2015 2015 2016 2016 2017	225,037 349,923 349,923	412 4,743 4,743	2,441 27,513 27,513	2,241,267	24,426	141,823	15,251,024	294,694	1,479,264	11,980,348 11,871,005 11,871,005	216,491 287,798 287,798	1,282,387 1,646,241 1,646,241

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1		New Plant Carrying Cha	arge				
2		Fixed Charge Rate (FO if not a CIAC	CR) if				
3		A	152	Net Plant Carrying Charge without Depreciation	9.579	6	
4		в	159	Net Plant Carrying Charge per 100 Basis Point in ROE with			
5		С		Line B less Line A	0.579	6	
6		FCR if a CIAC					
7		D	153	Net Plant Carrying Charge without Depreciation, Return, no	r Income Taxes 1.479	6	
				The FCR resulting from Formula in a given year is used for that ye	ar only.		
				Therefore actual revenues collected in a year do not change base	I on cost data for subsequent years.		
8				Per FERC Order dated December 30, 2011 in Docket No. ER12-296,	the ROE for the Northeast Grid Reliability Project is 11.93%,		
				which includes a 25 basis-point transmission ROE adder as author	rized by FERC to become effective January 1, 2012.		
9				For abandoned plant lines 12, 14, 15, and 16 will be from Attachme			
				13 month average balance from Attach 6a, and Line 19 will be nur	ther of months to be amortized in year plus one.		
10		Details		Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 23
10	"Yes" if a project under PJM	Details		mickleton-Globicester 230kV Circuit (B2135)	Ribbe Road Coxy Dieaker adatori (B1255)	Cors comercamperon 230ky circuit (B1/8/)	Sewaren Switch 23
	OATT Schedule 12, otherwise						
11	"No"	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes

10		Details		Mickleton-	Gloucester 230kV Cir	rcuit (B2139)	Ridge Road	69kV Breaker Station	(B1255)	Con's Corner	-Lumberton 230kV Circ	uit (B1787)	Sewaren Si	witch 230kV Conve	rsion (B2276)
"Yes"	s" if a project under PJM														
0AT 11 "No"	TT Schedule 12, otherwise	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	a Ful life of the project	Life	(Tes of No)	Tes 42			Tes 42			Tes 42			1es 42		
	s" if the customer has paid a	Life		*2			*2			42			42		
lump	psum payment in the amount														
	he investment on line 29,	CIAC													
	erwise "No" ut the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14 ROE		Increased ROE (Basis	Points)	0			0			0			0		
	m line 3 above if "No" on line														
	and From line 7 above if s" on line 13														
	s on line 13 e 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16 15)/1		FCR for This Project		9.57%			9.57%			9.57%			9.57%		
Servi	vice Account 101 or 106 if not			2.27 /4						2.07 /2			2.57 %		
	classified - End of year														
17 balar	ance	Investment		19,272,633			34,729,740			32,027,160					
1		Annual Depreciation													
	e 17 divided by line 12	or Amort Exp		458,872			826,899			762,551					
	nths in service for														
	reciation expense from ar placed in Service (0 if			13.00			13.00			13.00					
20 CWI				2015			2016			2015			2015		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE W 11.68 % ROE	2007 2008												
26 27		W Increased ROE	2008												
25		W 11.68 % ROE	2000												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE W Increased ROE	2012 2012												
35		W Increased ROE W 11.68 % ROE	2012												
36		W Increased ROE	2013												
35		W 11.68 % ROE	2013												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015	18,260,361	232,128	1,375,013	-		-	17,370,246	185,057	1,096,185	13,591,177	156,762	928,580
41		W Increased ROE	2015	18,260,361	232,128	1,375,013	-		-	17,370,246	185,057	1,096,185	13,591,177	156,762	928,580
42		W 11.68 % ROE	2016	19,039,119	458,839	2,637,556	4,024,723	95,827	556,391	32,167,824	770,307	4,451,390	118,288,759	2,820,131	16,356,354
43		W Increased ROE	2016	19,039,119	458,839	2,637,556	4,024,723	95,827	556,391	32,167,824	770,307	4,451,390	118,288,759	2,820,131	16,356,354
44		W 11.68 % ROE	2017	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150	116,563,457	2,815,636	15,669,479
45		W Increased ROE	2017	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150	116,563,457	2,815,636	15,669,479
46		W 11.68 % ROE	2018	18,128,720	458.872	2,193,902	34.366.749	826,899	4,116,007	30,316,606	762,551	3,664,036		-	-
47		W Increased ROE	2018	18,128,720	458.872	2.193.902	34,366,749	826,899	4.116.007	30.316.606	762.551	3.664.036			

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1	New Plant Carr	ying Charge		
2	Fixed Charge if not a CIAC			
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	С		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is	11.93%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is	
2				une
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

10		Details		Install Conem	auch 250MVAR Cap	Bank (B0376)	Reconfigure Kea	rnv- Loop in P221	6 Ckt (B1589)	Reconfigure E	Brunswick Sw-Ner (B2146)	w 69kVCkt-T	350 MVAR Re	actor Hopatcong 5	00kV (B2702)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
		Life		4	12		42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29.														
		CIAC	(Yes or No)	N	0		No			No			No		
	Input the allowed increase in ROE	Increased ROE (Basis F	Points)		0		0			0			0		
	From line 3 above if "No" on line		,		-		-			-			-		
	13 and From line 7 above if "Yes" on line 13														
	Line 14 plus (line 5 times line	11.68% ROE		9.57	%		9.57%			9.57%			9.57%		
		FCR for This Project		9.57	s.		9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not														
	yet classified - End of year balance	Investment					21.487.134								
17	balance			1,108,05	8		21,487,134			146,250,715			21,301,080		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12	or Amont Exp		26,38	2		511,598			3,482,160			507,169		
19	Months in service for depreciation expense from			13.0	0		8.30			8.04			6.99		
	Year placed in Service (0 if														
20	CWIP)			201	16		2018			2017			2018		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE	2006 2006												
23		W 11.68 % ROE	2000												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28 29		W 11.68 % ROE W Increased ROE	2009 2009												
29 30		W 11.68 % ROE	2009												
30		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE W 11.68 % ROE	2012 2013	1									1		
36		W 11.68 % ROE W Increased ROE	2013												
37		W 11.68 % ROE	2013												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015												
41		W Increased ROE	2015												
42		W 11.68 % ROE	2016	1,108,058		153,181							1		
43		W Increased ROE	2016	1,108,058	3 26,382	153,181									
44		W 11.68 % ROE	2017 2017												
45 46		W Increased ROE W 11.68 % ROE	2017	1.081.675	5 26.382	129.905	21.487.134	326.604	1.639.441	146.250.715	2.154.587	10.815.286	21.301.080	272.673	1.368.726

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New Plant Carrying Cha	arge		
Fixed Charge Rate (F0 if not a CIAC	CR) if		
	Formula Line		
A	152	Net Plant Carrying Charge without Depreciation	9.57%
В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
C		Line B less Line A	0.57%
FCR if a CIAC			
D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliab	ility Project is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Jan	wary 1, 2012.
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Project	ts, Line 17 is the
		12 month suprase balance from Allach 4a, and Line 10 will be number of months to be emortized in user	refue one

10		Details		Susquehanna	Roseland < 500KV (B0489.4) (CWIP)	Susquehanna	toseland >= 500kV (B0489) (CWIP)	North Central Reliabil	lity (West Orange Conversion) (B1154) (CWIP)	Mickleton-Gio	pucester-Camden(B1398-B1398.7) (CWIP)
"Yes" if a project OATT Schedule 11 "No"	t under PJM e 12, otherwise	Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
12 Useful life of the		Life		42		42		42		42	
	tomer has paid a ent in the amount										
of the investme 13 Otherwise "No"	nt on line 29,	CIAC	(Yes or No)	No		No		No		No	
Input the allowe											
14 ROE From line 3 abo	we if "No" on line	Increased ROE (Basis	Points)	125		125		0		0	
13 and From lin	ne 7 above if										
15 "Yes" on line 13 Line 14 plus (lin		11.68% ROE		9.57%		9.57%		9.57%		9.57%	
16 15)/100		FCR for This Project		10.28%		10.28%		9.57%		9.57%	
Service Account vet classified - I	t 101 or 106 if not End of year										
17 balance	Lind of your	Investment		-		-		-		-	
		Annual Depreciation									
18 Line 17 divided		or Amort Exp						-			
Months in servi 19 depreciation ex											
Year placed in a											
20 CWIP)											
21			Invest Yr	Ending	Depreciation or Amortization Revenue	Ending	Depreciation or Amortization Revenue	Ending	Depreciation or Amortization Revenue	Ending	Depreciation or Amortization Revenue
22		W 11.68 % ROE	2006	Ending		Ending		Ending		Ending	
22 23		W Increased ROE	2006 2006	Ending		Ending		Ending		Ending	
22			2006	Ending		Ending		Ending		Ending	
22 23 24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008	Ending		8,927,082	Amortization Revenue 819,421	Ending		Ending	
22 23 24 25 26 27		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008		Amortization Revenue	8,927,082 8,927,082	Amortization Revenue 819,421 858,682	Ending		Ending	
22 23 24 25 26		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2006 2007 2007 2008	Ending 8,601,534 8,601,534		8,927,082 8,927,082 7 33,993,795	Amortization Revenue 819,421	Ending		Ending	
22 23 24 25 26 27 28 29 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2009 2010	8,601,534 8,601,534 10,121,290	Amortization Revenue 794,64 833,77 1,719,46	8,927,082 8,927,082 7 33,993,795 7 33,993,795 9 83,961,998	Amortization Revenue 819.421 858.682 3.927.226 4.120.411 10.780.919	Ending		Ending	
22 23 24 25 26 27 28 29 30 31		W Increased ROE W 11.68 % ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010	8,601,534 8,601,534 10,121,290 10,121,290	Amortization Revenue 794,64 833,77 1,719,46 1,811,18	8,927,082 8,927,082 7 33,993,795 7 33,993,795 9 83,961,998 5 83,961,998	Amortization Revenue 819.421 856.682 3.927.226 4.120.411 10.780.919 11.355.769		Amortization Revenue		Amortization Revenue
22 23 24 25 26 27 28 29 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2008 2009 2009 2010	8,601,534 8,601,534 10,121,290	Amortization Revenue 794,64 833,77 1,719,46	8,927,082 8,927,082 7 33,993,795 9 83,961,998 5 83,961,998 3 133,618,838	Amortization Revenue 819.421 858.682 3.927.226 4.120.411 10.780.919	Ending 19,588,655 19,588,655		Ending	
22 23 24 25 26 27 28 29 30 31 32 33 34		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2010 2011 2011 2011	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851	Amontization Revenue 794.64 833.72 1.719.45 1.811.16 3.376.02 3.565.87 5.559.75	8,927,082 8,927,082 7 33,993,795 7 33,993,795 9 83,961,998 8 3,961,998 8 133,618,838 1 133,618,838 7 264,235,891	Amortization         Revenue           819,421         855,682           3,327,226         4,120,411           10,780,919         11,355,769           19,974,374         20,775,227           27,719,038         27,719,038	19,588,655 19,588,655 139,052,337	Amortization Revenue 1,299,846 1,239,846 1,239,846	1,648,851 1,648,851 22,706,717	Amortization Revenue 56.106 56.107 1.867.335
22 23 24 25 26 27 28 30 31 31 32 33 33 34 35		W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 38,077,851	Amortization         Revenue           794 6-4         633 73           7719 4-6         1831 73           1811 16         3.376 92           3.565, 87         5.3569, 12           5.676, 47         5.676, 47	8,927,082 8,927,082 7 33,993,795 9 83,961,998 5 83,961,998 8 133,618,838 4 133,618,838 7 264,235,891 9 264,235,891	Amortization         Revenue           818,421         555,662           555,662         4,927,223           4,927,223         10,770,910           11,355,756         11,357,756           20,775,227         27,190,938           28,801,106         28,801,106	19,588,655 19,588,655 139,052,337 139,052,337	Amortization Revenue 1.209,846 1.239,846 10.137,161 10.137,161	1,648,851 1,648,851 22,706,717 22,706,717	Amortization Revenue 56,106 56,006 1,587,335 1,587,335
22 23 24 25 26 27 28 29 30 31 32 33 34		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 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 10,121,290 30,831,150 38,077,851 38,077,851 40,538,248 40,538,248	Amortization Revenue 736,567 1,770,66 1,270,70 3,370,00 3,370,00 3,3668,87 5,350,10 5,3576,47 5,381,65 5,3576,47 5,381,65 5,3576,47	8,927,082 8,927,082 7 33,993,795 9 83,961,998 3 133,618,838 1 133,618,838 2 564,235,891 9 264,235,891 5 567,928,477 5 567,928,477	Amortization         Revenue           819,421         858,682           3,027,226         4,120,411           11,325,706         11,325,706           11,325,706         2,077,227           27,79,0338         28,801,100           56,402,758         6,007,457	19,588,655 19,588,655 139,052,337 139,052,337 79,282,223 79,282,223	Amortization Revenue 1.200.846 1.209.846 1.209.846 1.0137.161 0.137.161 2.1,408.869 2.2,408.869	1,648,851 1,648,851 22,706,717 22,706,717 117,558,986 117,558,986	Amortization Revenue 55,106 58,106 1,587,335 1,587,335 1,587,335 7,924,475 7,924,475
22 23 24 25 26 27 30 31 31 32 33 34 34 35 35 35 35 35 35 35 36		W Increased ROE W 11.68 % ROE W Increased ROE W I1.68 % ROE W Increased ROE W I1.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 3,993,795 3,393,795 3,3961,998 3,133,618,838 133,618,838 264,235,891 3,648,235,891 3,648,235,891 5,67,928,477 3,4481,067 3,4481,067	Amortization         Revenue           819.421         856.852           3.927.262         3.927.262           4.120.411         10.780.919           11.355.769         11.857.477           20.775.227         22.8511(56           56.0274.507         22.8511(56           56.0274.507         22.851(56           56.0274.507         22.845(56)	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,946 1,209,946 1,209,946 1,209,946 1,209,946 1,209,946 1,209,946 1,208,946 2,1408,869 2,1408,1408 2,140	1,648,851 1,648,851 22,706,717 117,558,986 117,558,986 160,260,925	Amortization Revenue 55 106 55 105 1507 355 1507 355 7 326 475 1 509 34
22 23 24 25 25 27 27 28 29 30 31 32 33 33 34 35 35 35 35 35 35 35 35		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 10,121,290 30,831,150 38,077,851 38,077,851 40,538,248 40,538,248	Amortization Revenue 736,567 1,770,66 1,270,70 3,370,00 3,370,00 3,3668,87 5,350,10 5,3576,47 5,381,65 5,3576,47 5,381,65 5,3576,47	8,927,082 8,927,082 9,393,795 9,33,993,795 9,33,961,988 9,33,61,988 9,133,618,838 1,133,618,838 1,133,618,838 1,133,618,838 1,254,255,891 9,264,225,264,225,	Amortization         Revenue           819.4221         858.682           3.527.262         3.527.262           4.123.411         10.135.179           10.355.792         221.90.388           28.801.108         56.423.72           27.190.388         22.801.109           56.423.723         22.904.153           36.333         23.831.109           56.423.733         23.931.153           30.022,624         30.022,624	19,588,655 19,588,655 139,052,337 139,052,337 79,282,223 79,282,223	Amortization Revenue 1.200.846 1.209.846 1.209.846 1.0137.161 0.137.161 2.1,408.869 2.2,408.869	1,648,851 1,648,851 22,706,717 117,558,986 117,558,986 160,260,925 160,260,925	Amortization Revenue 56,106 56,06 1,587,35 7,567,35 7,562,45 16,009,944 16,009,944
22 23 24 25 26 27 30 31 31 32 33 34 34 35 35 35 35 35 35 35 36		W Increased ROE W 11.68 % ROE W Increased ROE W I1.68 % ROE W Increased ROE W I1.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2006 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 3,993,795 3,393,795 3,3961,998 3,133,618,838 133,618,838 264,235,891 3,648,235,891 3,648,235,891 5,67,928,477 3,4481,067 3,4481,067	Amortization         Revenue           819.421         856.852           3.927.262         3.927.262           4.120.411         10.780.919           11.355.769         11.857.477           20.775.227         22.8511(56           56.0274.507         22.8511(56           56.0274.507         22.851(56           56.0274.507         22.845(56)	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,846 1,209,846 1,209,846 1,0137,161 2,1408,690 3,285,715 3,385,715 3,385,715	1,648,851 1,648,851 22,706,717 117,558,986 117,558,986 160,260,925	Amortization Revenue 55 106 55 105 1507 355 1507 355 7 326 475 1 509 34
22 23 25 25 26 27 28 28 29 29 30 30 31 33 34 34 35 35 36 36 37 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39		W Increased ROE W 11.68 % ROE W	2006 2007 2007 2008 2009 2009 2010 2010 2011 2011 2011 2011	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 7 33,993,795 8 33,961,998 1 33,618,838 1 133,618,838 1 264,235,881 2 64,235,881 2 64,235,881 2 65,928,477 7 34,481,067 7 34,481,067	Amortization         Revenue           819.421         819.421           858.682         3.927.262           3.027.262         4.120.411           10.780.919         11.355.769           11.674.377         27.190.050           56.074.527         25.090           56.074.527         27.190.050           56.074.527         25.000           57.375         27.190.050           56.074.507         22.945.163           31.002.264         1.822.213	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,846 1,209,461 1,209,465 1,309,575	1,648,851 1,648,851 22,706,717 117,558,986 160,260,925 160,260,925 81,558,947	Amortization Revenue 56,106 58,106 1,57,338 7,50,4475 7,50,4475 10,009,044 10,009,044 9,550,348
22 23 24 26 26 26 30 30 30 30 30 30 30 30 30 30 30 30 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2007 2008 2008 2009 2010 2011 2011 2011 2011 2011 2012 2013 2013	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 7 33,993,765 8 33,961,998 1 33,618,838 1 133,618,838 1 264,225,881 2 64,225,881 2 64,225,881 2 65,928,477 7 34,481,067 7 34,481,067	Amortization         Revenue           819.421         856.882           3.527.262         3.527.262           4.123.411         10.785.797           10.785.797         227.190.388           2.8.801.108         56.423.727           2.9.907.527         27.190.388           2.8.801.108         56.423.727           2.9.91.513         30.002.624           1.822.213         1.955.583	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,846 1,209,461 1,209,465 1,309,575	1,648,851 1,648,851 22,706,717 117,558,986 160,260,925 160,260,925 81,558,947	Amortization Revenue 56,106 58,106 1,57,338 7,50,4475 7,50,4475 10,009,044 10,009,044 9,550,348
22 23 24 26 26 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2007 2008 2008 2009 2009 2010 2010 2011 2011 2011 2012 2012	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 7 33,993,765 8 33,961,998 1 33,618,838 1 133,618,838 1 264,225,881 2 64,225,881 2 64,225,881 2 65,928,477 7 34,481,067 7 34,481,067	Amortization         Revenue           819.421         856.882           3.527.262         3.527.262           4.123.411         10.785.797           10.785.797         227.190.388           2.8.801.108         56.423.727           2.9.907.527         27.190.388           2.8.801.108         56.423.727           2.9.91.513         30.002.624           1.822.213         1.955.583	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,846 1,209,461 1,209,465 1,309,575	1,648,851 1,648,851 22,706,717 117,558,986 160,260,925 160,260,925 81,558,947	Amortization Revenue 56,106 58,106 1,57,338 7,50,4475 7,50,4475 10,009,044 10,009,044 9,550,348
22 23 24 26 26 26 30 30 30 30 30 30 30 30 30 30 30 30 30		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2006 2007 2007 2007 2008 2008 2009 2010 2011 2011 2011 2011 2011 2012 2013 2013	8,601,534 8,601,534 10,121,290 30,831,150 30,831,150 38,077,851 40,538,248 40,538,248 40,538,248	Amortization Revenue 794.64 333.73 1,79.44 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 3,376.23 5,377.43 5,378.63 5,379.01 5,373.63	8,927,082 8,927,082 7 33,993,765 8 33,961,998 1 33,618,838 1 133,618,838 1 264,225,881 2 64,225,881 2 64,225,881 2 65,928,477 7 34,481,067 7 34,481,067	Amortization         Revenue           819.421         856.882           3.527.262         3.527.262           4.123.411         10.785.797           10.785.797         227.190.388           2.8.801.108         56.423.727           2.9.907.527         27.190.388           2.8.801.108         56.423.727           2.9.91.513         30.002.624           1.822.213         1.955.583	19,588,655 19,588,655 139,052,337 139,052,337 79,292,223 31,617,517	Amortization Revenue 1,209,846 1,209,461 1,209,465 1,309,575	1,648,851 1,648,851 22,706,717 117,558,986 160,260,925 160,260,925 81,558,947	Amortization Revenue 56,106 58,106 1,57,338 7,50,4475 7,50,4475 10,009,044 10,009,044 9,550,348

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1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula Line		
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability	y Project is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Janua	iry 1, 2012.
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects	, Line 17 is the
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year pl	lus one.

					er-Camden Breakers (B1396								Northeast Grid	Reliability Project (B	1304 1-81304 4)
10		Details		Mickleton-Glouceste	er-Camden Breakers (B1398 (CWIP)	8.15-B1398.19)	Burlington - Car	mden 230kV Conversion (B11	156) (CWIP)	Burlington - Camden 2	30kV Conversion (B1156.13-B1156.20)	(CWIP)	Northeast Grid	(CWIP)	1304.1181304.4)
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12		Life	(165 01 140)	42			42			42			42		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.	Lie		42			42			42			42		
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0			0			0			25		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not vet classified - End of year	FCR for This Project		9.57%			9.57%			9.57%			9.71%		
17		Investment		-			-			-			-		
		Annual Depreciation or Amort Exp					i								
18	Line 17 divided by line 12 Months in service for	or Amort Exp										ļ	-		
19	depreciation expense from														
20	Year placed in Service (0 if CWIP)														
-	01111														
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending		Revenue	Ending		Revenue	Ending	Amortization Revenu	Je	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE W 11.68 % ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007 2007				i								
26		W 11.68 % ROE	2008				i								
27		W Increased ROE	2008				i								
25		W 11.68 % ROE W Increased ROE	2009 2009				i								
29 30		W 11.68 % ROE	2009				i								
30		W Increased ROE	2010				i								
32		W 11.68 % ROE	2011				22,089,378		1,874,440				1		
33		W Increased ROE	2011				22,089,378		1,874,440						
34		W 11.68 % ROE	2012	532,375		24,600	128,653,138		10,501,318	9,231,712		91,084	81,587,177		6,341,372
35		W Increased ROE W 11.68 % ROE	2012 2013	532,375 532.375		24,600 73,965	128,653,138 155,344,760		10,501,318 22,819,788	9,231,712 8,854,018		91,084 75,855	81,587,177 184,611,449		6,416,475 18,512,179
36		W 11.68 % ROE W Increased ROE	2013	532,375		73,965	155,344,760		22,819,788	8,854,018		75,855	184,611,449		18,512,179
37		W 11.68 % ROE	2013	532,375		65,596	56,976,438		7,020,285	3,745,932		61,551	211,553,988		28,743,491
39		W Increased ROE	2014	532,375		65,596	56,976,438		7,020,285	3,745,932		61,551	211,553,988		29,152,116
40		W 11.68 % ROE	2015	204,760		24,003	-		· · ·	-		-	232,789,181		31,313,982
41		W Increased ROE	2015	204,760		24,003	-		-	-		-	232,789,181		31,772,294
42		W 11.68 % ROE	2016	-		-	-			-			103,162,268		11,805,242
43		W Increased ROE	2016	-			-		-	-		-	103,162,268		11,982,038
44		W 11.68 % ROE	2017	-			-		-	-		-	-		-
45															
45		W Increased ROE W 11.68 % ROE	2017 2018	-		1	-		1	-		-	-		

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#### Public Service Electric and Gas Company ATTACHMENT H-10A nent 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula	ne	
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Pro	iect is 11.93%.
0		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1.	2012
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line	
		13 month suarana balance from Attach. As, and Line 19 will be number of months to be amortized in user plus of	

Atta

10		Details		Northeast Gric	I Reliability Project (B13 (CWIP)	04.5-B1304.21)	circuit 345 kV a	gen - Marion 138 kV 1d associated subst (B2436.10) (CWIP)			ion - Bayonne "L" 138 ciated substation upg (CWIP)			on - Bayonne "C" 13 ciated substation up (CWIP)	8 kV circuit to 345 kV grades (B2436.22)
	"Yes" if a project under PJM OATT Schedule 12, otherwise "No" Useful life of the project	Schedule 12 Life	(Yes or No)	Yes 42			Yes 42			Yes 42			Yes 42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,			42			42			42			42		
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line	Increased ROE (Basis	Points)	25			0			0			0		
15	13 and From line 7 above if "Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.71%			9.57%			9.57%			9.57%		
17	yet classified - End of year balance	Investment		-			327,500			3,373,416			4,386,778		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		-			7,798			80,319			104,447		
	Months in service for depreciation expense from Year placed in Service (0 if						13.00			13.00			13.00		
20	CWIP)														
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending		Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007 2007												
26		W 1168 % ROF	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE W Increased ROE	2010 2010												
31		W 11 68 % ROF	2010												
32 33		W Increased ROE	2011												
33		W 11.68 % ROE	2012	5.537.185		457,198									
35		W Increased ROE	2012	5,537,185		462,613									
35		W 11.68 % ROE	2013	18,052,410		1,627,531									
37		W Increased ROE	2013	18,052,410		1,648,610									
38		W 11.68 % ROE	2014	33,293,621		3,699,551	9,496,612		391,383	1,589,541		61,526	1,531,032		58,653
										1.589.541		61.526	1.531.032		58,653
39		W Increased ROE	2014	33,293,621		3,752,145	9,496,612		391,383						
40		W Increased ROE W 11.68 % ROE	2014 2015	33,293,621 31,157,349		2,302,742	79,833,944		3,818,309	14,281,935		836,684	14,081,213		819,896
40 41		W Increased ROE W 11.68 % ROE W Increased ROE	2014 2015 2015	33,293,621 31,157,349 31,157,349		2,302,742 2,336,445	79,833,944 79,833,944		3,818,309 3,818,309	14,281,935 14,281,935		836,684 836,684	14,081,213 14,081,213		819,896
40 41 42		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2014 2015 2015 2016	33,293,621 31,157,349 31,157,349 35,334,506		2,302,742 2,336,445 4,043,459	79,833,944 79,833,944 518,235		3,818,309 3,818,309 5,126,158	14,281,935 14,281,935 11,570,665		836,684 836,684 857,240	14,081,213 14,081,213 2,658,598		819,896 921,870
40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2014 2015 2015 2016 2016	33,293,621 31,157,349 31,157,349		2,302,742 2,336,445	79,833,944 79,833,944 518,235 518,235		3,818,309 3,818,309 5,126,158 5,126,158	14,281,935 14,281,935 11,570,665 11,570,665		836,684 836,684 857,240 857,240	14,081,213 14,081,213 2,658,598 2,658,598		819,896 921,870 921,870
40 41 42 43 44		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2014 2015 2015 2016 2016 2017	33,293,621 31,157,349 31,157,349 35,334,506 35,334,506		2,302,742 2,336,445 4,043,459 4,104,014	79,833,944 79,833,944 518,235 518,235 2,271,018		3,818,309 3,818,309 5,126,158 5,126,158 5,19,803	14,281,935 14,281,935 11,570,665 11,570,665 23,927,668		836,684 836,684 857,240 857,240 2,300,724	14,081,213 14,081,213 2,658,598 2,658,598 13,263,928		819,896 921,870 921,870 1,087,121
40 41 42 43		W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2014 2015 2015 2016 2016	33,293,621 31,157,349 31,157,349 35,334,506		2,302,742 2,336,445 4,043,459	79,833,944 79,833,944 518,235 518,235		3,818,309 3,818,309 5,126,158 5,126,158	14,281,935 14,281,935 11,570,665 11,570,665		836,684 836,684 857,240 857,240	14,081,213 14,081,213 2,658,598 2,658,598		819,896 921,870 921,870

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New Plant Carrying Cha	irge		
Fixed Charge Rate (FO if not a CIAC	R) if		
	Formula Line		
A	152	Net Plant Carrying Charge without Depreciation	9.57%
В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
С		Line B less Line A	0.57%
FCR if a CIAC			
D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

10		Details			y - Bayonne 345 kV circuit and any on upgrades (B2436.33) (CWIP)		lorth Ave - Bayonne 345 kV circuit and Ibstation upgrades (B2436,34) (CWIP)		North Ave - Airport 345 kV circuit and	Linden "T" 138	nderground portion of North Ave - kV circuit to Bayway, convert it to y associated substation upgrades (B2436.60) (CWIP)
11 12	Useful life of the project "Yes" if the customer has paid a	Schedule 12 Life	(Yes or No)	Yes 42		Yes 42		Yes 42		Yes 42	
13	lumpsum payment in the amount of the investment on line 29, Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No		No		No		No	
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0		0		0		0	
15		11.68% ROE		9.57%		9.57%		9.57%		9.57%	
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%		9.57%		9.57%		9.57%	
17	yet classified - End of year balance	Investment		20,653,909		30,394,186		14,893,653		8,794,765	
18	Line 17 divided by line 12 Months in service for	Annual Depreciation or Amort Exp		491,760		723,671		354,611		209,399	
19				13.00		13.00		13.00		13.00	
21			Invest Yr		preciation or mortization Revenue	Ending	Depreciation or Amortization Revenue	Ending	Depreciation or Amortization Revenue	Ending	Depreciation or Amortization Revenue
22		W 11.68 % ROE	2006								
23		W Increased ROE	2006								
24 25		W 11.68 % ROE W Increased ROE	2007 2007								
26		W 11.68 % ROE	2008								
27		W Increased ROE	2008								
25		W 11.68 % ROE	2009								
29		W Increased ROE	2009			l I		1			
30		W 11.68 % ROE W Increased ROE	2010			l I		1			
31 32		W 11.68 % ROE	2010					1			
32		W Increased ROE	2011								
34		W 11.68 % ROE	2012								
35		W Increased ROE	2012			l I		1			
35		W 11.68 % ROE	2013			l I		1			
37		W Increased ROE	2013								
38		W 11.68 % ROE	2014	2,114,342	74,197	1,476,460	58,912		41,991	433,918	21,259
39 40		W Increased ROE W 11.68 % ROE	2014 2015	2,114,342 7,520,100	74,197 530,656	1,476,460 1,567,639	58,912 105,699	838,906 3,286,307	41,991 178,025	433,918 3,386,828	21,259 209,207
40		W Increased ROE	2015	7,520,100	530,656	1,567,639	105,699	3,286,307	178,025	3.386.828	209,207
41		W 11.68 % ROE	2015	65,119,433	3,473,891	36,960,137	1,695,242	24,980,240	1,011,439	14,073,743	749,927
43		W Increased ROE	2016	65,119,433	3,473,891	36,960,137	1,695,242		1,011,439	14,073,743	749,927
44		W 11.68 % ROE	2017	103,139,173	8.457.930	100.004.406	7.165.306	50,261,443	4.476.177	4,257,610	1.981.744
45		W Increased ROE	2017	103,139,173	8.457.930	100.004.406	7.165.306	50,261,443	4.476.177	4,257,610	1,981,744
45		W 11.68 % ROE W Increased ROE	2018 2018	20,653,909 20,653,909	1,976,705	30,394,186 30,394,186	2,908,909 2,908,909	14,893,653 14,893,653	1,425,414 1,425,414	8,794,765 8,794,765	841,713 841,713

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1	New Plant Carrying Cha	irge		
2	Fixed Charge Rate (FC if not a CIAC	,		
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	в	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	С		Line B less Line A	0.57%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only. Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.1	33%,
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	
			13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

10		Details			Airport - Bayway 345 I substation upgrade (CWIP)		"T" 138 kV circuit to	ead portion of Linden Bayway, convert it to substation upgrades ( (CWIP)	o 345 kV, and	345 kV and any	(way - Linden "Z" 138 kV associated substation ( (B2436.83) (CWIP)		345 kV and any	way - Linden "W" 13 associated substat (B2436.84) (CWIP)	
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in						_								
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis F	Points)	0			0			0			0		
	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	yet classified - End of year balance	Investment		13,879,908			84,069			80,847			(0)		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		330,474			2,002			1,925			(0)		
	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00			13.00					
20	GWIP)														
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization Re	evenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006 2007												
24 25		W 11.68 % ROE W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE W 11.68 % ROE	2010												
32 33		W 11.68 % ROE W Increased ROE	2011 2011												
33		W 11.68 % ROE	2011												
34		W Increased ROE	2012	1			1			1					
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
35		W 11.68 % ROE	2014	1,370,003		56,093	597,317		24,145	597,317		24,145	569,297		24,114
29		W Increased ROE	2014	1,370,003		56,093	597,317		24,145	597,317		24,145	569,297		24,114
							4,018,145		249,912	4,018,145		249,912	3,852,871		236,839
40		W 11.68 % ROE	2015	7,110,556		414,795									
40 41		W 11.68 % ROE W Increased ROE	2015 2015	7,110,556		414,795	4,018,145		249,912	4,018,145		249,912	3,852,871		236,839
40 41 42		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2015 2016	7,110,556 45,554,419		414,795 2,311,095	4,018,145 21,015,450		1,295,020	21,015,450		1,295,020	3,852,871 22,912,843		236,839 1,342,797
40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2015 2015 2016 2016	7,110,556 45,554,419 45,554,419		414,795 2,311,095 2,311,095	4,018,145 21,015,450 21,015,450		1,295,020 1,295,020	21,015,450 21,015,450		1,295,020 1,295,020	3,852,871 22,912,843 22,912,843		236,839 1,342,797 1,342,797
40 41 42 43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2015 2016 2016 2017	7,110,556 45,554,419 45,554,419 55,639,039		414,795 2,311,095 2,311,095 5,480,161	4,018,145 21,015,450 21,015,450 53,134		1,295,020 1,295,020 937,564	21,015,450 21,015,450 53,134		1,295,020 1,295,020 937,564	3,852,871 22,912,843 22,912,843 11,129,698		236,839 1,342,797 1,342,797 1,228,147
40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2015 2015 2016 2016	7,110,556 45,554,419 45,554,419		414,795 2,311,095 2,311,095	4,018,145 21,015,450 21,015,450		1,295,020 1,295,020	21,015,450 21,015,450		1,295,020 1,295,020	3,852,871 22,912,843 22,912,843		236,839 1,342,797 1,342,797

> 8 9

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1	New Plant Carrying Char	rge		
	Fixed Charge Rate (FC if not a CIAC	,		
	A	Formula Line 152	Net Plant Carrying Charge without Depreciation	9.57%
	В	152	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	9.5/%
	c	155	Line Bless Line A	0.57%
1	FCR if a CIAC			
	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
			The FCR resulting from Formula in a given year is used for that year only.	
			Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,	
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the	
			12 menth success belonce from Attack is and Lise 10 will be sumber of menths to be smartined in user also and	

10		Details			nden "M" 138 kV circuit to 345 kV ation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson Marion 345 kV and any asso (B2436.9	"B" and "C" 345 kV circuits to ciated substation upgrades 0) (CWIP)		2 generation to inject into the 345 kV ociated upgrades (B2436.91) (CWIP)		30 kV transformer and any associated n upgrades (B2437.10) (CWIP)
	"Yes" if a project under PJM OATT Schedule 12, otherwise										
	"No"	Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
	Useful life of the project	Life		42		42		42		42	
	"Yes" if the customer has paid a lumpsum payment in the amount										
	of the investment on line 29.										
	Otherwise "No"	CIAC	(Yes or No)	No		No		No		No	
	Input the allowed increase in										
	ROE	Increased ROE (Basis	Points)	0		0		0		0	
	From line 3 above if "No" on line 13 and From line 7 above if										
	"Yes" on line 13	11.68% ROE		9.57%		9.57%		9.57%		9.57%	
	Line 14 plus (line 5 times line	11.00 % KOE		5.07 %		5.57 %		0.07%		5.57%	
	15)/100	FCR for This Project		9.57%		9.57%		9.57%		9.57%	
	Service Account 101 or 106 if not										
	yet classified - End of year										
17	balance	Investment		(0)		1,421,804		7,334		352,578	
1		Annual Depreciation								1	
18	Line 17 divided by line 12	or Amort Exp		(0)		33.852		175		8,395	
	Months in service for			(0)		33,602		175		0,350	
19	depreciation expense from					13.00		13.00		13.00	
	Year placed in Service (0 if										
20	CWIP)										
									Depreciation		Depreciation
					preciation or		eciation or		or		or
21			Invest Yr	Ending A	mortization Revenue	Ending Ame	ortization Revenue	Ending	Amortization Revenue	Ending	Amortization Revenue
22		W 11.68 % ROE	2006								
23		W Increased ROE	2006								
24		W 11.68 % ROE W Increased ROE	2007 2007								
25		W 11.68 % ROE	2007								
26 27		W Increased ROE	2008								
		W 11.68 % ROE	2008								
25 29		W Increased ROE	2009								
30		W 11.68 % ROE	2009								
30											
		W Increased ROF									
		W Increased ROE W 11 68 % ROE	2010								
32		W Increased ROE W 11.68 % ROE W Increased ROE									
32		W 11.68 % ROE	2010 2011 2011 2012								
32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2010 2011 2011								
32 33 34		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2011 2011 2012								
32 33 34 35		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2010 2011 2011 2012 2012								
32 33 34 35 36		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2011 2012 2012 2012 2013 2013 2014	569,297	24,114	1,581,597	63,898	1,286,903	48,434	4,799,334	220,160
32 33 34 35 36 37		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2010 2011 2012 2012 2013 2013 2013 2014 2014	569,297	24,114	1,581,597	63,898	1,286,903	48,434	4,799,334	220,160
32 33 34 35 36 37 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2011 2012 2012 2012 2013 2013 2014								
32 33 34 35 36 37 38 39		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 11.68 % ROE W Increased ROE	2010 2011 2012 2012 2013 2013 2014 2014 2014 2015 2015	569,297 3,852,871 3,852,871	24,114	1,581,597	63,898	1,286,903	48,434	4,799,334	220,160 1,506,352 1,506,352
32 33 34 35 36 37 38 39 40		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2011 2012 2012 2013 2013 2013 2014 2014 2014	569,297 3,852,871	24,114 236,839	1,581,597 14,750,089	63,898 849,382	1,286,903 13,603,685	48,434 780,003	4,799,334 20,855,739	220,160 1,506,352
12 33 34 35 36 37 38 39 40 41		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 11.68 % ROE W Increased ROE	2010 2011 2012 2012 2013 2013 2014 2014 2014 2015 2015	569,297 3,852,871 3,852,871	24,114 236,839 236,839	1,581,597 14,750,089 14,750,089	63,898 849,382 849,382	1,286,903 13,603,685 13,603,685	48,434 780,003 780,003	4,799,334 20,855,739 20,855,739	220,160 1,506,352 1,506,352
12 13 34 35 35 37 38 39 40 41 42		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2011 2011 2012 2012 2013 2013 2014 2014 2015 2015 2016	569,297 3,852,871 3,852,871 22,912,843	24,114 236,839 236,839 1,342,797	1,581,597 14,750,089 14,750,089 946,989	63,898 849,382 849,382 868,195	1,286,903 13,603,685 13,603,685 34,036	48,434 780,003 780,003 704,952	4,799,334 20,855,739 20,855,739 210,981 210,981	220,160 1,506,352 1,506,352 908,856
12 33 34 35 36 37 38 40 41 41 42 43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2011 2012 2012 2013 2013 2014 2014 2014 2015 2015 2016 2016	569,297 3,852,871 3,852,871 22,912,843 22,912,843 11,129,698	24,114 236,839 236,839 1,342,797 1,342,797 1,228,147	1,581,597 14,750,089 14,750,089 946,989 946,989 2,422,164	63,898 849,382 849,382 868,195 868,195 197,896	1,286,903 13,603,685 13,603,685 34,036 34,036 777,902	48,434 780,003 780,003 704,952 704,952 85,840	4,799,334 20,855,739 20,855,739 210,981 210,981 1,212,870	220,160 1,506,352 1,506,352 908,856 908,856 130,718
22 33 34 35 35 37 35 39 40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2011 2012 2012 2013 2013 2014 2014 2014 2015 2015 2016 2016 2017	569,297 3,852,871 3,852,871 22,912,843 22,912,843	24,114 236,839 236,839 1,342,797 1,342,797	1,581,597 14,750,089 14,750,089 946,989 946,989	63,898 849,382 849,382 868,195 868,195	1,286,903 13,603,685 13,603,685 34,036 34,036	48,434 780,003 780,003 704,952 704,952	4,799,334 20,855,739 20,855,739 210,981 210,981	220,160 1,506,352 1,506,352 908,856 908,856

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Attachment / - mansinission enhancement charges worksheet (FEC) - becember 31, 2018

1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if if not a CIAC		
	Formula Line		
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	С	Line B less Line A	0.57%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
		The FCR resulting from Formula in a given year is used for that year only.	
		Therefore actual revenues collected in a year do not change based on cost data for subsequent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability	Project is 11.93%,
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January	1, 2012.
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, L	ine 17 is the
		13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus	s one.

10		Details			38 kV transformer #1 and any on upgrades (B2437.11) (CW		345/138 kV transform station upgrades (B			5/138 kV transformer #2 and any ation upgrades (B2437.21) (CWIP)		0 kV transformer and any associated upgrades (B2437.30) (CWIP)
	"Yes" if a project under PJM OATT Schedule 12, otherwise											
	"No"	Schedule 12	(Yes or No)	Yes		Yes			Yes		Yes	
	Useful life of the project "Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.	Life		42		42			42		42	
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No		No			No		No	
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0		0			0		0	
	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%		9.57%			9.57%		9.57%	
16	15)/100 Service Account 101 or 106 if not vet classified - End of year	FCR for This Project		9.57%		9.57%			9.57%		9.57%	
	balance	Investment		352,578		7,678			7,678		1,673,479	
		Annual Depreciation										
	Line 17 divided by line 12 Months in service for	or Amort Exp		8,395		183			183		39,845	
19	depreciation expense from Year placed in Service (0 if CWIP)			13.00		13.00			13.00		13.00	
20	Official and a second s			1							1	
					Depreciation		Depreciation			Depreciation		
21			Invest Yr	Ending	or Amortization Revenue	Ending	or Amortization	Revenue	Ending	or Amortization Revenue	Ending	Depreciation or Amortization Revenue
22		W 11.68 % ROE	2006									
23		W Increased ROE	2006									
24 25		W 11.68 % ROE W Increased ROE	2007 2007									
25 26		W 11.68 % ROE	2007									
20		W Increased ROE	2008									
25		W 11.68 % ROE	2009									
29		W Increased ROE	2009									
30		W 11.68 % ROE	2010									
31		W Increased ROE	2010									
32		W 11.68 % ROE	2011									
33		W Increased ROE W 11.68 % ROE	2011 2012									
34 35		W Increased ROE	2012									
36		W 11 68 % ROF	2012									
37		W Increased ROE	2013									
35		W 11.68 % ROE	2014	5,002,105	223,17	1 123,509		4,946	124,051	4,952	337,481	13,854
39		W Increased ROE	2014	5,002,105	223,17			4,946	124,051	4,952		13,854
40		W 11.68 % ROE	2015	21,058,511	1,530,12			148,281	2,602,395	148,345		101,157
41		W Increased ROE	2015	21,058,511	1,530,12			148,281	2,602,395	148,345		101,157
42		W 11.68 % ROE	2016	96,330	915,29			597,380	9,750,168	597,124		2,125,894
43		W Increased ROE	2016	96,330	915,29			597,380	9,750,168	597,124		2,125,894
44		W 11.68 % ROE	2017	1,241,892	133,92			493,532	4,472,773	493,565		1,691,419
45		W Increased ROE W 11.68 % ROE	2017	1,241,892 352,578	133,92 33.74			493,532 735	4,472,773	493,565 735		1,691,419 160,162

1		New Plant Carrying Cl	narge								Page 23 of 23
2		Fixed Charge Rate (FCR) if if not a CIAC									
3		A	Formula Line	Not Block Over (or	0					9.57%	
4		в	152	Net Plant Carrying	Charge without Depre Charge per 100 Basis		without	t Depreciation		10.14%	
5		С		Line B less Line A						0.57%	
6		FCR if a CIAC									
7		D	153	Net Plant Carrying	Charge without Depre	eciation, Return	, nor In	ncome Taxes		1.47%	
					ım Formula in a given ye						
								h cost data for subsequent	years. id Reliability Project is 11.939		
8								d by FERC to become effe		•	
9								5 - Abandoned Transmissi r of months to be amortize			
				ra monuraverage ba	ance non Auach oa, a	la cine 19 will be	numbe	or monors to be amorazo	o in year plus one.		
10		Details			345/69 kV transform ation upgrades (B24						
	"Yes" if a project under PJM OATT Schedule 12, otherwise										
11 12	"No" Useful life of the project	Schedule 12	(Yes or No)	Yes 42							
12	"Yes" if the customer has paid a lumpsum payment in the amount										
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No							
	Input the allowed increase in ROF			0							
14	From line 3 above if "No" on line	Increased ROE (Basis	Points)	0							
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%							
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%							
	Service Account 101 or 106 if not yet classified - End of year										
17	balance	Investment		1,914,773							
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp									
	Months in service for			45,590							
19	depreciation expense from Year placed in Service (0 if			13.00							
20	CWIP)										
					Depreciation or						
21 22		W 11.68 % ROE	Invest Yr 2006	Ending	Amortization	Revenue	s	Total 4,652,471	Incentive Charged	Revenue Credit \$ 4,652,471	
23		W Increased ROE	2006				\$	4,652,471	\$ 4,652,471		s -
24 25		W 11.68 % ROE W Increased ROE	2007 2007				\$	29,476,571 29,476,571	\$ 29,476,571	\$ 29,476,571	s -
26 27		W 11.68 % ROE W Increased ROE	2008 2008				\$ \$	32,346,385 32,385,646	\$ 32,385,646	\$ 32,346,385	\$ 39,261
28		W 11.68 % ROE W Increased ROE	2009				ss	51,356,608		\$ 51,356,608	• •••,=••
29 30		W 11.68 % ROE	2010				\$	51,588,883 61,349,032	\$ 51,588,883	\$ 61,349,032	\$ 232,275
31 32		W Increased ROE W 11.68 % ROE	2010 2011				\$ \$	62,015,568 78,438,322	\$ 62,015,568	\$ 78,438,322	\$ 666,536 \$ -
33		W Increased ROE W 11.68 % ROE	2011 2012				\$	79,823,709	\$ 79,823,709		\$ 1,385,386
34 35		W Increased ROE	2012				\$	131,858,773	\$ 131,858,773		\$ 2,130,155
36 37		W 11.68 % ROE W Increased ROE	2013 2013				\$ \$	279,708,533 284,314,797	\$ 284,314,797	\$ 279,708,533	\$ 4,606,265
35		W 11.68 % ROE W Increased ROE	2014 2014	133,460 133,460		5,677 5,677	s s	342,977,142 349,823,024	\$ 349,823,024	\$ 342,977,142	\$ 6,845,883
39 40		W 11.68 % ROE	2015	258,129		20,804	\$	434,110,713		\$ 434,110,713	
41		W Increased ROE W 11.68 % ROE	2015 2016	258,129 2,173,541		20,804 157,609	\$ \$	441,614,467 558.001,204	\$ 441,614,467	\$ 558,001,204	\$ 7,503,754
43		W Increased ROE	2016	2,173,541		157,609	\$	566,080,859	\$ 566,080,859		\$ 8,079,655
44		W 11.68 % ROE W Increased ROE	2017 2017	14,065,098 14,065,098		934,008 934,008	\$ \$	576,209,051 583,935,997	\$ 583,935,997	576,209,051	\$ 7,726,945
45		W 11.68 % ROE W Increased ROE	2018 2018	1,914,773 1,914,773		183,255 183,255	\$ 6	506,060,336 511,849,690	\$ 511,849,690	\$ 506,060,336	\$ 5,789,354
47		w increased ROE	2010	1,914,773		103,205	- Q	511,649,690	2 211,049,690		a 5,769,354

# 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 Office Furniture Office Equipment Computer Equipment	1.40 5.00 25.00 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, 2018

Required Transmission Enhancements

pgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2018) *	Anticipated/Actual In Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,645,602	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$ 86,467,721	Aug 07
b0145			Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom		May-09
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$ 27,005,248	May-09
b0161	Install 230-138kV transformer at Metuchen substation Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown -	\$ 25,654,455	Nov-08
b0169	Somerville 230 kV circuit to the new section	\$ 15,731,554	May-08
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	May-09
b0274	Replace both 230/138 kV transformers at Roseland	\$ 21,014,433	Apr-12
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
b0230	Saddle Brook - Athenia Upgrade Cable	\$ 14,404,842	Nov-08
b0664-b0665		\$ 18,664,931	
	Branchburg-Somerville-Flagtown Reconductor		Apr-12
b0668	Somerville -Bridgewater Reconductor	\$ 6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$ 46,035,637	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	\$ 62,937,256	Dec-11
b1399	Aldene-Springfield Rd. Conversion	\$ 72,380,453	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit (B1590)	\$ 11,276,183	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,087,537	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,272,633	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 34,729,740	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 32,027,160	Nov-13
b0376	Install Conemaugh 250MVAR Cap Bank (B0376)	\$ 1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	\$ 21,487,134	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	\$ 146,250,715	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV (B2702)	\$ 21,301,080	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers(In-Service)	\$ 5,857,687	Jun-14
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In-Service)	\$ 40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project) (In-Service)	\$ 720,620,844	Mar-15
b1156	Burlington - Camden 230kV Conversion (In-Service)	\$ 356,333,540	Oct-14
b1398 - b1398.7	Mickleton-Gloucester-Camden(In-Service)	\$ 439,384,743	Jun-15
b1154	North Central Reliability (West Orange Conversion ) (In-Service)	\$ 370,006,995	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project (In-Service)	\$ 625,390,228	Jun-15
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	\$ 174,969,351	Jan-16
	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation		
b2436.21	upgrades Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation	\$ 68,319,997	May-16
b2436.22	upgrades Construct a new Bayway - Bayonne 345 kV circuit and any associated substation	\$ 49,614,813	May-16
b2436.33	upgrades Construct a new North Ave - Bayonne 345 kV circuit and any associated substation	\$ 162,329,270	Dec-15
b2436.34	upgrades (B2436.34) Construct a new North Ave - Airport 345 kV circuit and any associated substation	\$ 120,922,525	Feb-18
b2436.50	upgrades (B2436.50) Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway,	\$ 63,112,389	Mar-18
b2436.60	convert it to 345 kV, and any associated substation upgrades (B2436.60)	\$ 49,352,658	Dec-15
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	\$ 26,819,837	May-16
	New Bergen 345/138 kV transformer #1 and any associated substation upgrades		
b2437.11	(B2437.11) New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 26,819,837	May-16
b2437.20	(B2437.20) New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$ 15,574,675	Dec-15
b2437.21	(B2437.21)	\$ 15,574,675	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	\$ 20,678,337	Jul-16
		20,010,001	50.10

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

(133,032,724)

(81,108,169)

(2,597,832,425) B

### **Public Service Electric and Gas Company** Accumulated Deferred Income Taxes Using The Proration Methodology - Tax Basis

Amounts reflected in Ann	ual Update Filing
2017 EOY Amount	(2,383,691,531) A
2018 EOY Amount	(2,597,832,425) B

Account 282, Transmission Plant-related Liberalized Depreciation, for 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line	Year	Month	Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	Days Outstanding During the Year	Proration Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
1	2017	Dec						(2,383,691,531) A
2	2018	Jan	(23,167,070)	335	91.78%	(21,262,928)	(2,404,954,459)	
3	2018	Feb	(23,640,412)	307	84.11%	(19,883,853)	(2,424,838,312)	
4	2018	Mar	(24,080,123)	276	75.62%	(18,208,531)	(2,443,046,843)	
5	2018	Apr	(25,252,039)	246	67.40%	(17,019,182)	(2,460,066,025)	
6	2018	May	(24,392,170)	215	58.90%	(14,367,991)	(2,474,434,016)	
7	2018	Jun	(24,900,952)	185	50.68%	(12,621,031)	(2,487,055,047)	
8	2018	Jul	(23,470,852)	154	42.19%	(9,902,771)	(2,496,957,818)	
9	2018	Aug	(23,044,552)	123	33.70%	(7,765,698)	(2,504,723,516)	
10	2018	Sep	(23,177,202)	93	25.48%	(5,905,424)	(2,510,628,940)	
11	2018	Oct	(23,569,552)	62	16.99%	(4,003,595)	(2,514,632,535)	
12	2018	Nov	(23,121,902)	32	8.77%	(2,027,126)	(2,516,659,661)	
13	2018	Dec	(23,576,902)	1	0.27%	(64,594)	(2,516,724,255)	
		Total	(285,393,730)		-	(133,032,724)	-	

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Projected 2018 Liberalized Depreciation based on ADIT Proration Methodology:

16

Plus: Projected 2018 ADIT associated with Liberalized Deprecation not subject to Proration Methodology: Projected 2018 EOY Federal and State Liberalized Depreciation ADIT included in the FERC Formula Filing:

Explanations:

Col. 8, Line 1 Represents the estimated beginning plant-related Liberalized Depreciation ADIT balance as of 1/1/2018.

Lines 2 - 13 Represents the Forecasted Rate period (e.g. 2018).

Col. 3 Represents the monthly (increase) additions to the ADIT balance associated with depreciatable tax basis before proration.

Col. 4 Number of days remaining in the year as of and including the last day of the month.

Col. 5 Col. 4 divided by the number of days in the year, 365.

Col. 6 Col. 3 multiplied by Col. 5.

Col. 7 Col. 6 of previous month plus Col. 7; represents the cumulative balance.

Col. 8, Line 14 Total projected plant-related Liberalized Depreciation ADIT related to depreciable tax basis.

Col. 8, Line 15 Projected plant-related Liberalized Depreciation ADIT that is not subjected to the proration rules.

Col. 8, Line 16 Projected Total EOY balance of plant-related Liberalized Depreciation ADIT that is included in the formula rate.

(1,874,385)

(3,528,850)

(36,267,968) B

### Public Service Electric and Gas Company Accumulated Deferred Income Taxes Using The Proration Methodology - Tax Basis

Amounts reflected in Annua	al Update Filing
2017 EOY Amount	(30,864,733) A
2018 EOY Amount	(36,267,968) B

Account 282, Common Plant-related Liberalized Depreciation, for 2018

Monthly n ADIT - Days ble Tax Outstandir is During the Y	0	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
				Balance
				(30,864,733) A
(337,186) (337,186) (337,186) (337,186) (337,186) (337,186) (337,186) (337,186) (337,186) (337,186) (337,186)	6216.99%328.77%	(283,606) (254,968) (227,254) (198,616) (170,903) (142,265) (113,627) (85,913) (57,275) (29,562)	(31,457,811) (31,712,779) (31,940,033) (32,138,649) (32,309,552) (32,451,817) (32,655,444) (32,651,357) (32,708,632) (32,738,194)	
(	(337,186) (337,186) (337,186) (337,186)	337,186)         93         25.48%           (337,186)         62         16.99%           (337,186)         32         8.77%	337,186)         93         25.48%         (85,913)           (337,186)         62         16.99%         (57,275)           (337,186)         32         8.77%         (29,562)           (337,186)         1         0.27%         (924)	337,186)         93         25.48%         (85,913)         (32,651,357)           (337,186)         62         16.99%         (57,275)         (32,708,632)           (337,186)         32         8.77%         (29,562)         (32,738,194)           (337,186)         1         0.27%         (924)         (32,739,118)

14

15 16

Projected 2018 Liberalized Depreciation based on ADIT Proration Methodology:

Plus: Projected 2018 ADIT associated with Liberalized Deprecation not subject to Proration Methodology: Projected 2018 EOY Federal and State Liberalized Depreciation ADIT included in the FERC Formula Filing:

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Explanations:

Col. 8, Line 1 Represents the estimated beginning plant-related Liberalized Depreciation ADIT balance as of 1/1/2018.

Lines 2 - 13 Represents the Forecasted Rate period (e.g. 2018). Col. 3 Represents the monthly (increase) additions to the AD

Represents the monthly (increase) additions to the ADIT balance associated with depreciatable tax basis before proration.

Col. 4 Number of days remaining in the year as of and including the last day of the month.

Col. 5 Col. 4 divided by the number of days in the year, 365.

Col. 6 Col. 3 multiplied by Col. 5.

Col. 7 Col. 6 of previous month plus Col. 7; represents the cumulative balance.

Col. 8, Line 14 Total projected plant-related Liberalized Depreciation ADIT related to depreciable tax basis.

Col. 8, Line 15 Projected plant-related Liberalized Depreciation ADIT that is not subjected to the proration rules.

Col. 8, Line 16 Projected Total EOY balance of plant-related Liberalized Depreciation ADIT that is included in the formula rate.